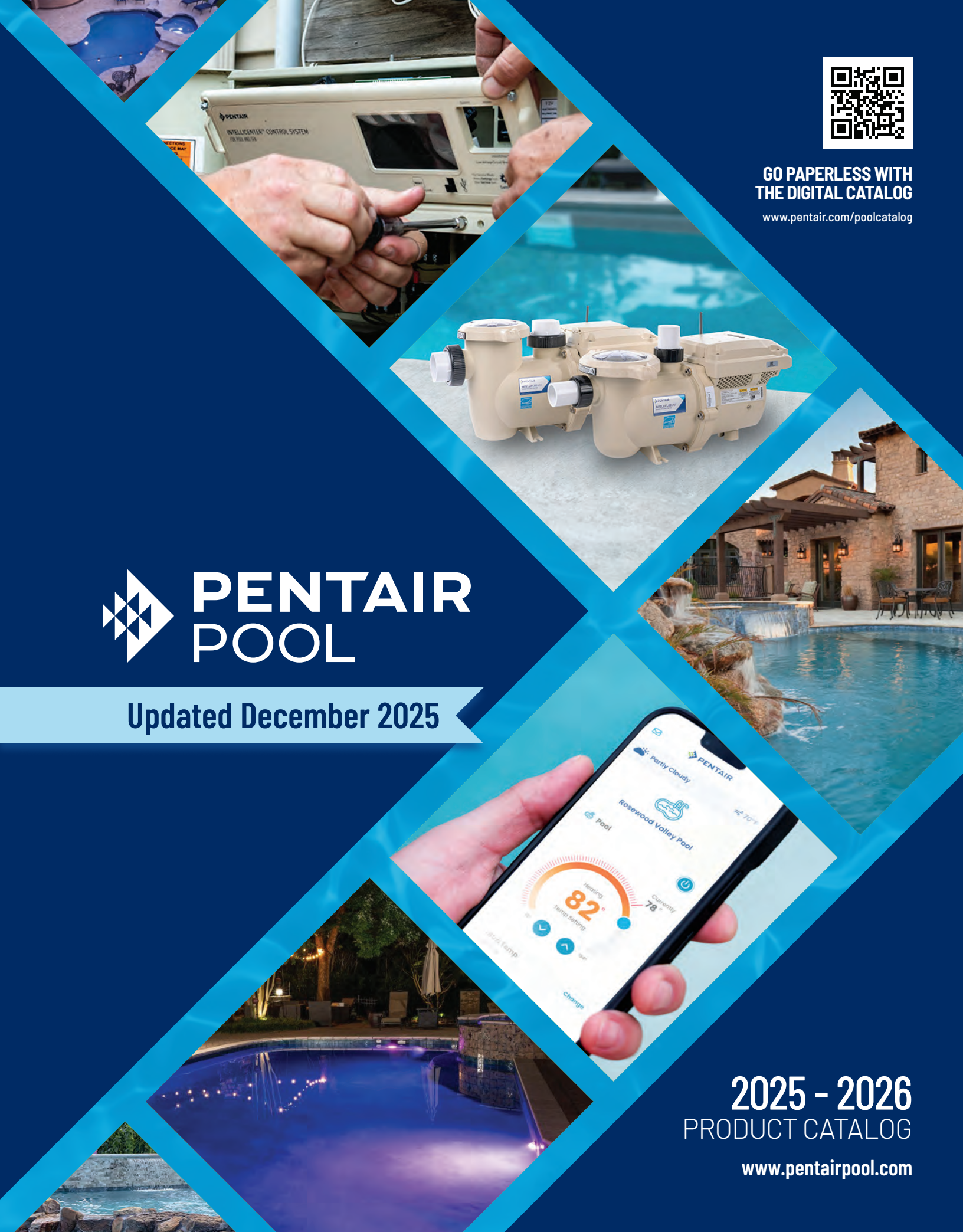

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www.pentair.com/poolcatalog

PENTAIR POOL

Updated December 2025

2025 - 2026
PRODUCT CATALOG

www.pentairpool.com

PENTAIR POOL

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PENTAIR

PENTAIR EARNS 2024 ENERGY STAR® PARTNER OF THE YEAR–SUSTAINED EXCELLENCE AWARD

Pentair was first named an ENERGY STAR Partner of the Year in 2013, and has been recognized in each year since, longer than any other manufacturer in the pool industry!

As an industry leader in pool and spa pumps, Pentair is an ENERGY STAR Partner of the Year for leadership in protecting the environment through superior energy efficiency achievements.

Pentair remains committed to delivering smart, sustainable water solutions, including innovative pool pumps that have earned the U.S. Environmental Protection Agency's (EPA) ENERGY STAR classification.

ENERGY STAR AWARD 2024
PARTNER OF THE YEAR
Sustained Excellence

WHOLE GOODS DIRECTORY

EVERYTHING FROM A SINGLE SOURCE!

KEY: • PENTAIR ○ STA-RITE ▲ COMMERCIAL

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‡"Sanitizer" is an industry term of art and is not intended to imply any antimicrobial capabilities.

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‡"Sanitizer" is an industry term of art and is not intended to imply any antimicrobial capabilities.

TRADEGRADE

Our TradeGrade Policy was established to provide an exceptional product ownership experience to pool owners by manufacturing equipment that performs to the high standards, protecting the integrity of the Pentair brand and to maintain a sustainable business model for you, our trade partners. For you, our TradeGrade policy ensures that you are getting the programs, policies and tools required to safeguard this positive pool owner experience and help you grow your business.

Visit www.pentair.com/tradegrade to learn more.

INFORMATION

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10951 W. Los Angeles Avenue, Moorpark, CA 93021 • (805) 553-5000
1502 E. Buckeye Road, Suite 102, Phoenix, AZ 85034 • (800) 851-8492

TERMS AND CONDITIONS

Ordering: To ensure prompt and proper shipment, please order by product number and description. Orders must be placed via fax (877) 606-5457, email: ordereast@pentair.com or EDI. No telephone orders will be accepted. Products and prices are subject to change without notice.

Returns: All returns are subject to our written approval and must be accompanied by "Return Goods Authorization" form or number issued by us prior to returning the material. Unauthorized returns will not be accepted. Freight must be prepaid. (On International Returns Freight must be prepaid (to the door) by the person or entity returning the goods. Customs Duties and Taxes are covered by Pentair and cleared by our appointed Customs Broker, Expeditors International). Do not request authorization to return material for credit which has been in your inventory over sixty (60) days and which is not in original resalable condition. Material authorized to be returned for credit is subject to a minimum 15% handling charge.

Shipments: The following product lines DO NOT qualify for prepaid freight. These items must be purchased under a separate purchase order.

- Stark™, THS Series® Filters, Manifolds and Controllers
- Commercial Heaters 500,000 BTU and above
- Aurora® and Berkeley® Pumps, PS Series™ In-Line Strainers
- Paragon™ Deck Equipment
- AcuDrive™ XS Variable Frequency Drives
- AquaTRAM® - Access Lifts
- BioShield® UV

The previous products, as well the below, are eligible to be drop shipped.

- EQ, C, CSP, D, and ALL three-phase pumps

Claims: All claims must be made within fifteen (15) days after receipt of merchandise. See "Lost or Damaged Goods" instructions below.

LOST OR DAMAGED GOODS

IMPORTANT: Our responsibility for any shipment ceases when the carrier signs the Bill of Lading. Thoroughly inspect each shipment immediately upon arrival.

If cartons, packages, or crates are received in short or damaged condition, it is important that you notify the driver and insist on a notation of the loss or damage across the face of the delivery receipt; otherwise, no claim can be enforced against the carrier.

If concealed loss or damage is discovered, you must notify the carrier at once and request an inspection. It is also important that you do not discard the shipping carton or container. A concealed damage report must be made within five (5) days of delivery of the shipment. If this is not done, the carrier will not entertain any claim for the loss. The carrier agent will make an inspection and usually will grant a concealed damage notation. If you give the carrier a clear receipt for the goods that have been damaged in transit, you do so at your own risk and expense.

We are willing to assist you in every possible manner to collect claims for loss or damage, but our willingness does not make us responsible for collection of claims or replacement of material.

FOR INFORMATION OR ASSISTANCE CONTACT:
Pentair Customer Service Department
(800) 831-7133 • fax (877) 606-5457 – U.S.A.

Sanford (919) 566-8000
(919) 566-8916 – International Department Fax

Moorpark (805) 553-5000
(805) 530-0177 – International Department Fax

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08/2024

PENTAIR
POOL

AUTOMATIC POOL CLEANERS

Updated June 2025

PENTAIR REBEL®

SUCTION-SIDE INGROUND POOL CLEANER

TRADEGRADE

Pentair Rebel

Pentair Rebel cleaner packs amazing performance into a compact, easy-to-use package. Its preprogrammed steering and two-wheel design allows the Rebel cleaner to access hard-to-reach corners where debris often hides. Plus, the engineering of its turbine and roller skirt assists in thorough uniterrupted cleaning. The Rebel cleaner's efficient hydraulic design makes it ideal for use with variable-speed pumps at low speed. Installation is a snap—just set it and forget it.

CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
⚠ **AVERTISSEMENT:** Peut Causer le Cancer et des Dommages au Système Reproducteur.
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov.

Featured Highlights

- Redesigned bearings allow up to 26% faster operation and product longevity compared to previous Rebel V2 model
- Programmed Cleaning Cycle helps assure complete, thorough pool cleaning coverage
- Sure Flow Turbine design provides clear passage for dirt and debris, avoiding the clogging that is common with other 2-wheel cleaners
- Dual-Action Roller Skirt allows Rebel to maneuver up and over obstacles for uninterrupted cleaning
- Advanced Hydraulic Technology makes it ideal for use with variable speed and two-speed pumps at lower speeds
- Cleaning performance in all pool types—gunite, vinyl, fiberglass and tile pools
- Easy to install and maintain

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
	PENTAIR REBEL SUCTION-SIDE CLEANER		
360473	Rebel Automatic Pool Cleaner for Inground Pools	1	15

PENTAIR DORADO®

SUCTION-SIDE INGROUND POOL CLEANER

TRADEGRADE

Pentair Dorado

The Dorado suction-side cleaner delivers simple, powerful cleaning you can see and feel. Its unique, Bristle-Drive™ Technology combines with oversized vacuum inlet to scrub and devour tough dirt and debris from your pool's floor and walls, providing complete, trouble-free cleaning. The cleaner's 15-inch-wide bristle scrubbers cover more of your pool in a single pass for fast cleaning. And Dorado's cleaner's SmartTrac Programmed Steering easily navigates around pool obstacles for uninterrupted vacuuming of large and small debris.

Featured Highlights

- Bristle Drive Technology combines deep-cleaning scrubbing action and powerful, oversized vacuum inlet
- SmartTrac Programmed Steering easily navigates around pool obstacles for uninterrupted cleaning
- 15-inch wide cleaning path
- No assembly required. Just hook to hose and go

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs)
	PENTAIR DORADO SUCTION-SIDE CLEANER		
360151	Dorado Automatic Pool Cleaner for Inground Pools	1	15

SEE PAGE 299 FOR REPLACEMENT PARTS

KREEPY KRAULY® KRUISER™

SUCTION-SIDE INGROUND POOL CLEANER

Featured Highlights

- Extra-wide mouth to capture large and small debris with ease
- Includes specially engineered "fingers" to assure the unit won't get stuck or thrown off course by main drains, tight corners, eyeball fittings, and lights
- Built-in bumper helps assure free movement around steps and ladders for total cleaning coverage and uninterrupted, hands-free operation
- Installs in minutes without tools to skimmer

We took the best of our most popular suction-side cleaner, the Kreepy Krauly, and added performance features to make the Kreepy Krauly Kruiser pool cleaner. It's relentless in its ability to clean dirt and debris, while staying affordable and dependable.

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov.

Kreepy Krauly Kruiser

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
KREEPY KRAULY KRUISER SUCTION-SIDE CLEANER			
K60430	Kreepy Krauly Kruiser Inground Pool Cleaner	1	17

KREEPY KRAULY® PLATINUM™

PRESSURE-SIDE INGROUND POOL CLEANER

Featured Highlights

- Dual thrust jets provide maximum power for speed and suction
- Front-wheel drive and wide tires provide maximum traction on inclined surfaces to assure total pool wall and floor coverage
- Four-wheel design
- Large-capacity debris channel and huge intake throat easily pick up larger leaves and debris
- Suitable for concrete, vinyl-lined, and fiberglass pools

Kreepy Krauly Platinum cleaner is one rugged pressure-side cleaner. It's the ideal choice for inground pools exposed to higher loads of leaves and debris.

A great choice for pools in yards with lush landscaping and tougher cleaning challenges.

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www.p65warnings.ca.gov.

Kreepy Krauly Platinum

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
KREEPY KRAULY PLATINUM PRESSURE-SIDE CLEANER (Without Pump) [1]			
LL505PM	Platinum Gray Top, White Bottom Cleaner for Lighter Colored Pools	1	23
LL505PMG	Platinum All Gray Cleaner for Darker Colored Pools	1	23

[1] The Platinum automatic pool cleaner comes ready to connect to a Booster Pump (P/N LA-MS05 and P/NLA01N) sold separately.

SEE PAGE 299 FOR REPLACEMENT PARTS

KREEPY KRAULY® 'LIL SHARK™

FOR ABOVEGROUND SWIMMING POOLS

Kreepy Krauly 'Lil Shark

'Lil Shark cleaner comes fully equipped - simply remove it from the box, attach the hose, place in the water, and off it goes.

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Featured Highlights

- Dual band of bristles scrub debris loose, while powerful vacuum action whisks it away
- Programmed cleaning provides more complete coverage
- Cuts a wide 10" path for quick and thorough cleaning
- Engineered for high performance cleaning with low cost of ownership

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
	KREEPY KRAULY 'LIL SHARK CLEANER		
360100	'Lil Shark Automatic Pool Cleaner for Aboveground Pools	1	15

SEE PAGE 299 FOR REPLACEMENT PARTS

PENTAIR
POOL

AUTOMATION

Updated September 2025

AUTOMATION DONE RIGHT.

IntelliCenter® Pool Control System is the most versatile Pentair automation system, delivering better-than-ever technology you can count on. Easily expandable, this system is now powered by AWS® technology to help improve connectivity. This automation system is here to make your job easier than ever.

INTUITIVE TOUCHSCREEN FOR EASIER INSTALLATION AND SETUP

Spend less time in the backyard thanks to quicker, easier, step-by-step instructions and Over-the-Air (OTA) updates.

MORE CONSISTENT CONNECTIONS

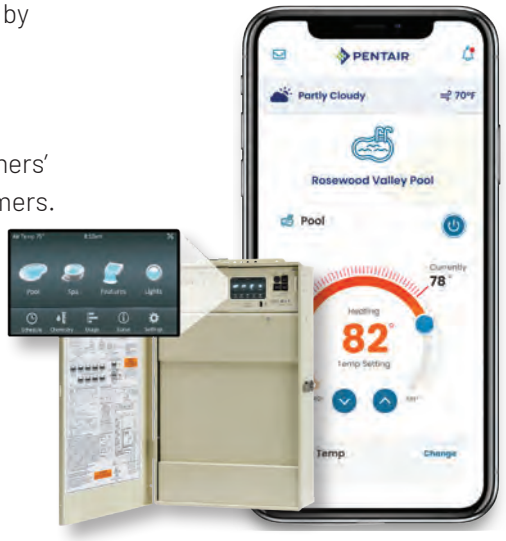
Say goodbye to late-night service calls with a system powered by AWS technology for increased reliability and stability.

PROACTIVE REMOTE MONITORING

Offer upgraded service with a birds-eye view of all your customers' systems and sort your dashboard to better service your customers.

DEDICATED SUPPORT

Access our expert automation specialists when you need assistance.



IntelliCenter Lite System

Lighter where it counts.

- Offers up to five relays, i5P or i5PS bundle options
- Can work with existing breaker panel
- Smaller enclosure, designed with electricians in mind
- Wi-Fi antenna included

IntelliCenter Upgrade Kit for EasyTouch®/IntelliTouch®

Bringing the latest automation technology to current systems.

- Smart upgrade for older pool automation systems
- Brings EasyTouch or IntelliTouch Control System up to date with modern features of the IntelliCenter Control System
- Expandable to accommodate new equipment add-ons and product upgrades

SEE PAGE 323 FOR REPLACEMENT PARTS

INTELLICENTER®

CONTROL SYSTEM FOR POOLS AND SPAS

TRADEGRADE

Featured Highlights

- Easy to program, with the Setup Wizard for step-by-step, on screen instructions
- Color touchscreen interface displays intuitive instructions in clear text and rich colors
- Convenient control from inside and outside the home via outdoor and indoor control panels and remotes
- Remote control and monitoring from anywhere, anytime with the Pentair Pool app and Pentair Pro app

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The IntelliCenter Pool Control System is the most versatile Pentair automation system, delivering better-than-ever technology you can count on. Easily expandable, this system is now powered by AWS® cloud technology for improved stability, connectivity, scheduling and reliable, centralized control for multiple pool devices, from water features to lights to pumps. This system makes pool life as easy as it should be.

Ordering Information

Product	Country	Description	Includes IntelliChlor® Cell	Includes SCG Transformer	Includes Two (2) IntelliValves
BUNDLED SYSTEMS (COMMON LOAD AND PERSONALITY KIT)					
523448	USA	IntelliCenter System (Load Center with i5P Personality Kit)	No	No	No
523962	USA	IntelliCenter System (Load Center with i5P Personality Kit)	Yes, ICPLUS40	Yes	No
523964	USA	IntelliCenter System (Load Center with i5PS Personality Kit)	Yes, ICPLUS40	Yes	Yes
521907	USA	IntelliCenter System (Load Center with i5PS Personality Kit)	No	No	Yes
523961	USA	IntelliCenter System (Load Center with i8PS Personality Kit)	Yes, ICPLUS40	Yes	Yes
521904	USA	IntelliCenter System (Load Center with i8PS Personality Kit)	No	No	Yes
523965	USA	IntelliCenter System (Load Center with i10PS Personality Kit)	Yes, ICPLUS40	Yes	Yes
523969	USA	IntelliCenter System (Load Center with i10D Personality Kit)	Yes, ICPLUS40	Yes	No
523915	USA	IntelliCenter System (Load Center with i10D Personality Kit)	No	No	No
523125	Canada	IntelliCenter System (Load Center with i5P-C/Personality Kit)	No	Yes	No
523126	Canada	IntelliCenter System with i5PS-C	No	Yes	Yes
523127	Canada	IntelliCenter System with i8PS-C	No	Yes	Yes
523909	Canada	IntelliCenter System with i10D-C	No	No	No

Note: Each system includes an outdoor wireless antenna. Pool/spa systems above include two IntelliValve® Valve Actuators.

INTELLICENTER UPGRADE KITS FOR EASYTOUCH AND INTELLITOUCH CONTROL SYSTEMS		
522045	IntelliTouch/EasyTouch to Next Gen Upgrade Kit - i10P, for LC/PC	Systems manufactured prior to 2012 (2003 to 2012)
522046	IntelliTouch/EasyTouch to Next Gen Upgrade Kit - i10PS, for LC/PC	Systems manufactured prior to 2012 (2003 to 2012)
523218	IntelliTouch to Next Gen Upgrade Kit - i10D, for LC/PC (was 523048)	Systems manufactured prior to 2012 (2003 to 2012)
523530	IntelliTouch/EasyTouch to Next Gen Expansion Upgrade Kit LC/PC	Systems manufactured prior to 2012 (2003 to 2012)
522047	IntelliTouch/EasyTouch to Next Gen Upgrade Kit - i10P, for CLC/CPC	Systems manufactured after 2012
522048	IntelliTouch/EasyTouch to Next Gen Upgrade Kit - i10PS for CLC/CPC	Systems manufactured after 2012
523049	IntelliTouch to Next Gen Upgrade Kit - i10D, for CLC/CPC	Systems manufactured after 2012
523529	IntelliTouch/EasyTouch to Next Gen Expansion Upgrade Kit CLC/CPC	Systems manufactured after 2012

SEE PAGE 323 FOR REPLACEMENT PARTS

INTELLICENTER® LITE

SYSTEM

INTELLICENTER LITE
SYSTEM

Featured Highlights

- Supports and includes five relays
- Pool and Pool/Spa bundle options available
- Wi-Fi antenna included
- Get the functionality of the flagship IntelliCenter Pool Control System including remote monitoring and color touchscren
- Optional 900 MHz High Powered Wireless for increased range and more reliable connection where Wi-Fi may be limited, sold separately

The IntelliCenter Lite system features a compact, breakerless Power Center for installations where a breaker panel is already in place. This system includes a free Wi-Fi antenna for easy connection to the homeowners router, enabling everything the IntelliCenter system has to offer including easy control via the Pentair Home app, and remote monitoring and control for pros via the Pentair Pro app.

Ordering Information

Product	Description	Application	Includes Two (2) Compool® Valve Actuators
BUNDLED SYSTEMS (COMMON LOAD AND PERSONALITY KIT)			
523910	IntelliCenter Lite System i5PS (Power Center with i5PS personality kit and two standard valve actuators) Wi-Fi antenna included	5 Relay Pool & Spa Breaker Panel Not Included	Yes
523911	IntelliCenter Lite System i5P (Power Center with i5P personality kit) Wi-Fi antenna included	5 Relay Pool Only Breaker Panel Not Included	No

Product	Description
OTHER WIRELESS CONNECTION OPTIONS	
523557	900 MHz Wireless Ethernet Link Kit Includes PoE module and Ethernet cables

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SEE PAGE 323 FOR REPLACEMENT PARTS

INTELLICENTER®
CONTROL SYSTEM FOR POOLS AND SPAS SYSTEMS

A LA CARTE ORDERING
STEP 1: PICK YOUR LOAD AND POWER CENTER

Ordering Information

Product	Description	IntelliChlor Transformer
	LOAD AND POWER CENTERS	
522041	Load Center (with Salt Chlorine Generator support)	Included
522043	Load Center (without Salt Chlorine Generator support)	Not Included

STEP 2: PICK YOUR PERSONALITY KIT

Product	Description	Body of Water Style	Motherboard	Daughter Card	No. of Additional Relays**
	INTELLICENTER PERSONALITY KITS				
521909	IntelliCenter Personality Kit i5P	Single	i5P	N/A	0
521912	IntelliCenter Personality Kit i5PS	Shared Equipment	i5P	i5PS	0
521910	IntelliCenter Personality Kit i8P	Single	i5P	i8P	3
521913	IntelliCenter Personality Kit i8PS	Shared Equipment	i5P	i8PS	3
521911	IntelliCenter Personality Kit i10P	Single	i5P	i10P	5
521914	IntelliCenter Personality Kit i10PS	Shared Equipment	i5P	i10PS	5
521915	IntelliCenter Personality Kit i10D	Dual Equipment	i5P	i10D	5
522033*	IntelliCenter i5X Expansion Kit	—	i5X	N/A	0
522034*	IntelliCenter i10X Expansion Kit	—	i5X	i10x	5

*Expansion kits use an i5X motherboard. i5P motherboards cannot be used in expansion panels.
** Load center comes with five (5) 3 HP relays.

STEP 3: PICK YOUR ACCESSORIES

Product	Description	Notes
	LOAD AND POWER CENTERS / SPACOMMAND REMOTES	
522035	IntelliCenter Indoor Control Panel, White Faceplate	
523059	IntelliCenter Indoor Control Panel, Black Faceplate	
522036	IntelliCenter Wireless Remote with Transceiver	
522038Z	IntelliCenter Valve Expansion Module	Adds six actuator ports to system (on main load center).
522039Z	Pool Cover Interface Expansion Board	Supports two covers.
523557	900 MHZ High Power Wireless Ethernet Link Kit	Use for IntelliCenter, IntelliCenter Lite, IntelliCenter Upgrade Kit.
544425	Cable POE/Ethernet High Power Wireless Bundle	900 MHz Wireless Cables
521177	SpaCommand Remote, Black with 250 ft. cable	
521178	SpaCommand Remote, White with 150 ft. cable	
521179	SpaCommand Remote, White with 250 ft. cable	
521180	Mudbox Accessory for recessing SpaCommand Remote into deck or tile. Includes cover plate and bezel.	

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SEE PAGE 323 FOR REPLACEMENT PARTS

INTELLICENTER®

UPGRADE KIT FOR EASYTOUCH®/INTELLITOUCH® SYSTEMS

IntelliCenter Upgrade Kit for EasyTouch®/IntelliTouch® Systems

Featured Highlights

- All the benefits of the IntelliCenter system and the latest Pentair app experience
- Get the most advanced features of the IntelliCenter system
- Enjoy a joyful, effortless app experience

Replace older EasyTouch and IntelliTouch systems with the IntelliCenter system. Installs on the current wiring and housing, just change the bezel, board, and transformer.

Product	Description	Manufacture Date	Identify Bezel by Cutout	
LEGACY: RECTANGULAR CUTOUT				
522045	i 10 Pool	2003-2012 (Legacy)	Legacy: Rectangular Cutout	
522046	i 10 Pool/Spa			
523218	i 10 Dual		EasyTouch	IntelliTouch
523530	Expansion			
CURRENT: SQUARE CUTOUT				
522047	i 10 Pool	2012-2023 (Current)	Current: Square Cutout	
522048	i 10 Pool/Spa			
523049	i 10 Dual		EasyTouch	IntelliTouch
523529	Expansion			

INCLUDED:

Bezel, Personality Kit and High Power Wireless Kit

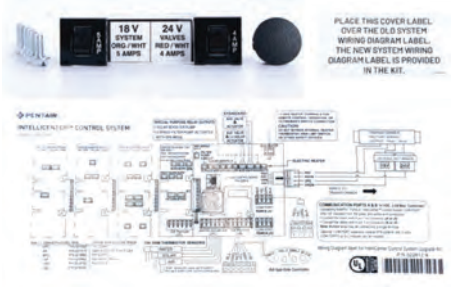
High Power Wireless Kit #523557

System Transformer

Current: #522102Z; Legacy: #522062Z (bracket included)

4AMP and 5AMP Circuit Breakers

#523345 (4AMP); #523346 (5AMP)



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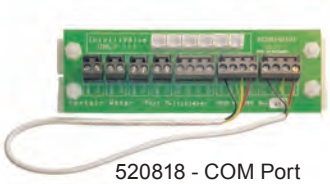
SEE PAGE 323 FOR REPLACEMENT PARTS

INTELLICENTER® CONTROL SYSTEMS ACCESSORIES

POOL/SPA CONTROL SYSTEMS

Product	Description	Product	Description
ACCESSORIES FOR INTELLICENTER SYSTEMS			
521885	Remote IS4 4-Button White 100'	520198	Two-Speed 3HP Relay
521889	Remote IS4 4-Button White 250'	RCS1	Additional Spa Jets Switch (for multiple jet pumps)
521886	Remote IS4 4-Button Grey 100'	521485	IntelliValve® Valve Actuator
521890	Remote IS4 4-Button Grey 250'	263045	Valve Actuator - Compool Compatible
521892	Remote IS4 4-Button Black 100'	520556	IntelliChlor® 20, IntelliChlor 40, IntelliChlor 60 Power Center
521894	Remote IS4 4-Button Black 250'	520588	IntelliChlor® Pass-through Cell for Winter or start-up
521179	SpaCommand® Spa Side Remote White 250'	520595	IntelliChlor® replacement unions (contains 2 O-rings, 2 couplers, 2 nuts)
521500	SpaCommand® Replacement Plastics (black & white trim ring, mounting bracket, screws, and O-ring)	520734	IntelliChlor® 15' extension power cord
521503	SpaCommand Replacement Labels (for white remotes)	520818	COM Port Expansion Module with 1' cable
522051	Wireless Control Panel (WCP) System	ESO3	Emergency Shut-Off Switch w/Audible Alarm
522054	Wireless Control Panel (WCP) Battery Replacement Kit	520967	Light Direct Connect Kit (eliminates need for j-box)
523355	Repeater Wireless Remote IntelliCenter System	AI101	Surge Suppressor for 115V transformer wiring
520272	Air & Water Temperature Sensor (white)	AI201	Surge Suppressor for 230V transformer wiring
522101	Solar Temperature Sensor (black)	520199	1000' COM cable, four conductor, 22 AWG
520106	3HP Relay for IntelliCenter and Legacy Automation Products	523667	IntelliCenter Power Center with i10D Personality Kit for commercial applications

520556 - IntelliChlor Power Center



520818 - COM Port Expansion Module

521885 - iS4 Remote Control

SpaCommand Remote
TRADEGRADE

523738 - IntelliChlor Plus60
523735 - IntelliChlor Plus40
523730 - IntelliChlor Plus30

SEE PAGE 323 FOR REPLACEMENT PARTS

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INTELLICONNECT®

CONTROL AND MONITORING SYSTEM

TRADEGRADE

IntelliConnect Control and Monitoring System

Featured Highlights

- External antenna offers an average of more than 4.9 times greater reception distance than the original IntelliConnect* system for improved connectivity
- Enables smart connections to any of these Pentair devices: IntelliFlo® or IntelliPro® Pumps, IntelliChlor® or iChlor® Salt Chlorine Generators
- Allows for two relay connections to equipment like pool or landscape lights, pool cleaner booster pumps, or single-speed pumps including competitive models
- Provides real-time information on the status of the filtration system and other pool equipment
- Easily sets up and schedules automatic operation of connected equipment

*Results stated with Ericsson model for city deployment with antenna/unit installed at 1.8m (6ft).

IntelliConnect system allows pool owners to monitor and control various devices, including pumps, lights, salt chlorine generators, and more, all through the Pentair Pool app for easy, convenient control from anywhere. IntelliConnect system provides real-time information on the status of the filtration system and other pool equipment. Pool owners can command the system to work a little harder when extra filtration is needed.

Ordering Information

Product	Description
INTELLICONNECT CONTROL AND MONITORING SYSTEM	
523317	IntelliConnect Control and Monitoring System

Pump Status

Color Wheel

*requires IntelliVibe™ Pool Lighting System

Water Chemistry

*requires IntelliChem® Water Chemistry Controller

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SEE PAGE 323 FOR REPLACEMENT PARTS

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Pentair Pro App and Pool App

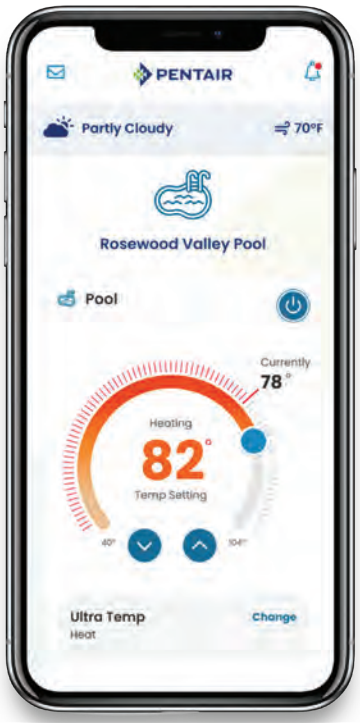
TAKE CONTROL FROM ANYWHERE

Connected Device Functionality for Pro & Pool App

Product	Pro App	Pool App
IntelliFlo3® Variable Speed and Flow Pool Pump IntelliPro3® Variable Speed and Flow Pool Pump	Invite Pool Owner to Pentair Pool App Program & Set Up through Bluetooth®[1] wireless technology The Pro app can also perform Wi-Fi Provisioning for IntelliFlo3 Service or modify settings with Bluetooth[1] wireless technology Remote Monitoring	Wi-Fi Provisioning Program, Monitor, & Control Ability to Program, Monitor, & Control via Bluetooth[1] wireless technology
IntelliConnect® Pool Control System	Remote Monitoring	Wi-Fi Provisioning Program, Monitor, & Control
Color Sync™ Controller for Pentair Color LED Pool Lights	N/A	Wi-Fi Provisioning Program, Monitor, & Control

GLOSSARY

Term	Description
Bluetooth® Wireless Technology	Local connection to device using the Bluetooth option.
Control	Ability to make adjustments, as needed, to update schedules or take immediate action.
Monitor	Check device status.
Program	Configure settings and create schedules.
Remote Monitoring	Visibility to a customer's pool device status. Ability to work with pool owner off-site. Future state will include capability to control remotely.
Set Up	Connect the pool device to the app and create or add to account.
Wi-Fi Provisioning	Connect device to router for wireless internet connection.



[1] Bluetooth can deliver a quick, direct connection to the device. Internet or cellular connection are required to open and use the Pro or Pool app for Bluetooth or Wi-Fi connectivity.

Wi-Fi Connection Best Practices: Continuous Wi-Fi connection to connected devices will support software updates and ongoing feature additions, even if it is connected to an automation system.

PENTAIR PRO

PENTAIR POOL

Download on the App Store

GET IT ON Google Play

Learn more at:
www.pentair.com/connectedpool

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SEE PAGE 323 FOR REPLACEMENT PARTS

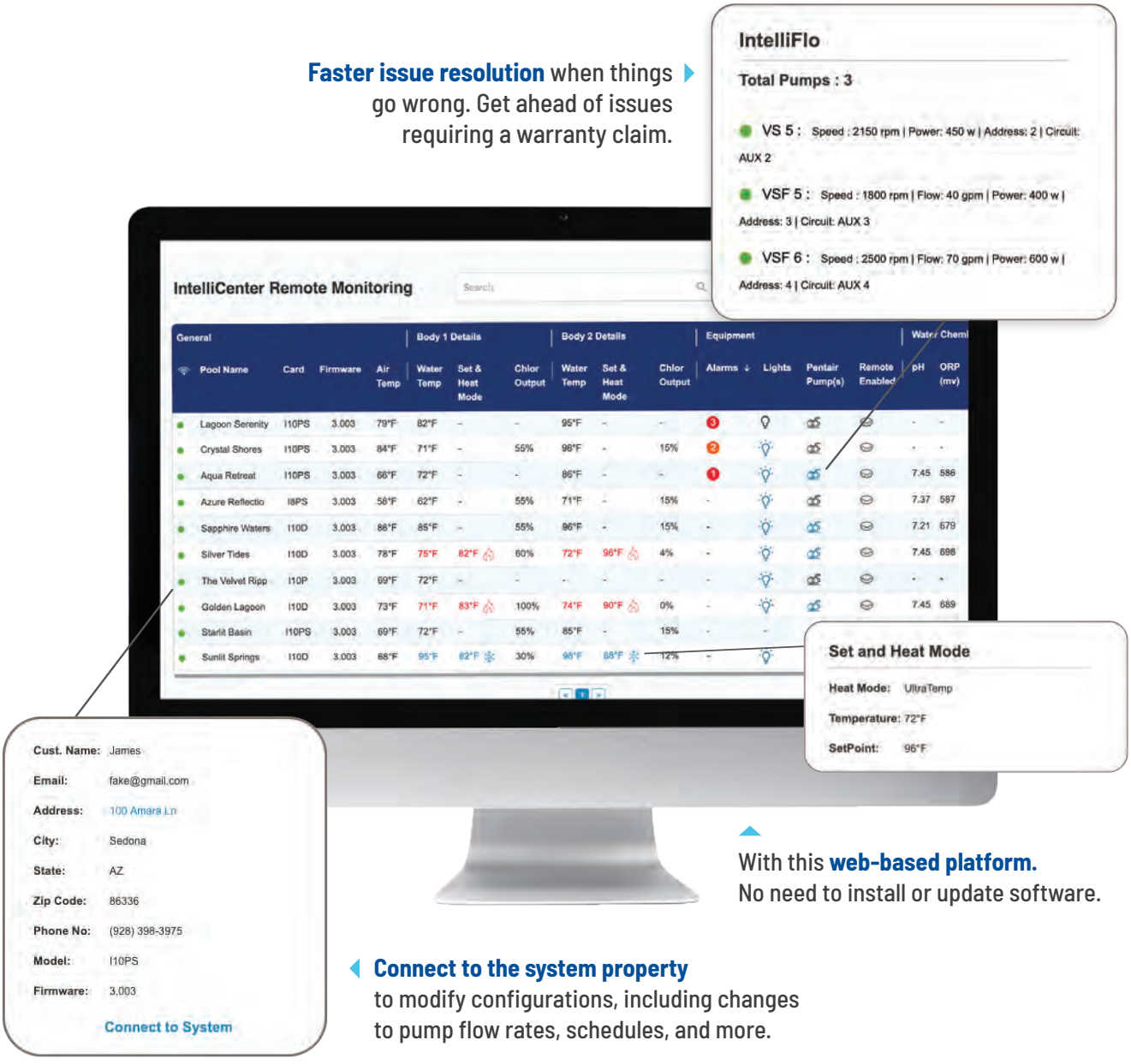
INTELLICENTER® POOL CONTROL SYSTEM

REMOTE MONITORING AND CONTROL

FREE YOURSELF FROM POST-INSTALL HASSLES

Ensure a smooth start up and move on to the next job quicker. Monitor systems **more efficiently** and receive alerts on one **user-friendly dashboard.**

Faster issue resolution when things go wrong. Get ahead of issues requiring a warranty claim.



With this **web-based platform.** No need to install or update software.

Connect to the system property to modify configurations, including changes to pump flow rates, schedules, and more.

START TODAY AT PRO.PENTAIRPOOL.COM

SEE PAGE 323 FOR REPLACEMENT PARTS

SOLARTOUCH®
SOLAR CONTROL SYSTEM

Featured Highlights

- Digital calibration of water and solar temperature in one degree increments
- Integrates with **IntelliFlo3® and IntelliPro3® Variable Speed and Flow Pumps**
- Set pool temperatures and solar temperature differentials with the touch of a button
- Solar valve automatically drains the solar collectors when pump shuts off
- Durable PTFE Seal
- LCD display
- LED indicator lights confirm SolarTouch automation is working. Service indicator LED shows when attention is required.
- Motorized valve actuator has steel gears, low-voltage motor: service switch for flow direction
- Weatherproof composite enclosure
- Nocturnal cooling and recirculation freeze protection with filter-pump timer override
- 3-year warranty

TRADEGRADE

SolarTouch System

The SolarTouch Solar Control System offers full digital control for precise, efficient, swimming pool heating. The digital thermostat is set with the touch of a button and will monitor the temperature of the pool water and solar collectors. SolarTouch Control System integrates with IntelliFlo3 and IntelliPro3 VSF pumps.

Ordering Information

PRODUCT	DESCRIPTION
	SOLARTOUCH SOLAR CONTROL SYSTEM
521592	SolarTouch Solar Control System with 3-way solar drain down valve, valve actuator, and 2 temp sensor (20 ft. water, 40 in. solar)
521632	SolarTouch Solar Control System with 3-way Valve, valve actuator and 2 temp sensors (20 ft. water, 40 in. solar)
521590	SolarTouch Solar Control only

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SEE PAGE 323 FOR REPLACEMENT PARTS

INTELLIVALVE®

VALVE ACTUATOR

TRADEGRADE

IntelliValve Valve Actuator

The IntelliValve Valve Actuator lets you set just the right flow for water features. Its intuitive controls and LED position indicator lights make operation fast and push-button easy. Thirteen (13) bright LEDs provide a clear visual indication of the valve position from fully open to fully closed and everywhere in between. Simply use the left/right and Save buttons to set the flow rate in just seconds.

Featured Highlights

- Thirteen (13) LEDs give precise, easy-to-read indication of valve position
- Built-in interface allows quick and simple set-up of water flow
- Sleek, minimalist design is compact and fits easily within any equipment pad
- Sealed, maintenance-free design is weatherproofed for reliability
- Suitable for 1.5", 2", 2.5" and 3" valve sizes.
- 24-volt operation for use with standard automation systems, 750 mA max amp draw
- Adjustable 3.75-degree increments within the maximum 180-degree swing

Ordering Information

Product	Description	
INTELLIVALVE VALVE ACTUATOR		
521485	For any Pentair Automation System	Compatible with control systems that use standard actuators

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SEE PAGE 323 FOR REPLACEMENT PARTS

VALVE ACTUATOR

VALVE CONTROL SYSTEMS

TRADEGRADE

Featured Highlights

CVA24 Valve Actuator

- Helps Prevent dead-heading of pumps
- Corrosion-proof enclosure
- Service switch (for flow direction)
- ETL recognized
- UL listed for use with IntelliTouch® Automation
- Operates Compool®, Ortega®, or Jandy® Valves
- Compatible with all 24VAC Control Systems

Valve Actuator

Designed for use with 2-port and 3-port valves. Features maximum torque, 24VAC bi-directional motor.

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Ordering Information

Product	Model	Voltage	Cable	Rotation	Compatibility	Motor
VALVE ACTUATOR						
263045	CVA24T	24 VAC	3-wire	180 deg.	3-port Compool/Ortega/Jandy Valves	Bi-directional

Jandy® is a registered trademark of Jandy Industries, Inc.

GFCI CIRCUIT BREAKERS

Featured Highlights

- Personnel Protection GFCI
- Meets 2008 to current NEC Standards for Pool Pumps
- Compatible with IntelliTouch® and EasyTouch® Control Systems
- Designed to protect personnel exposed to ground faults in AC, DC, and mixed AC/DC systems where levels exceed 6 milliamps

GFCI Circuit Breakers

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Ordering Information

Product	Description	Carton Qty.	Carton Wt (Lbs.)
GFCI CIRCUIT BREAKERS			
P215GFA	2-pole 15 amp GFCI	10	11.50
P220GFA	2-pole 20 amp GFCI	10	11.50

SEE PAGE 323 FOR REPLACEMENT PARTS

NOTES:

PENTAIR POOL

PLEATCO CARTRIDGES, GRIDS & CLEANING

Updated September 2025

Check out the Pleatco Filter Cartridge Finder for quick access to find the right cartridges on-the-go: www.pentair.com/filterfinder

PLEATCO ULTRA™ FILTER CARTRIDGES

POOL AND SPA REPLACEMENT CARTRIDGES

Featured Highlights

- Fits most major manufacturers or pool brands
- Combines 3-in-1 perfromance technologies into one replacement cartridge:
  - PurePleat™: helps avoid bunching and captures dirt in the outer edges for easier rinsing
  - Point Bonded: fabric designed for uniformity and stability — plus excellent direct capture
  - Free Flow Core: creates maximum space for water to reach more of the fabric faster, reducing operating pressures on the system

Check out the Pleatco Filter Cartridge Finder for quick access to find the right cartridges on-the-go: www.pentair.com/filterfinder

Ordering Information

Item #	Upgrade For	Mfr #	Unicel	Filbur
ULTRA-A1	PA106, PA100N, PA112	CX880XRE, CX870XRE, CX875RE	C-7488, C-7487, C-7489	FC-1226, FC-1270, FC-1275
ULTRA-A1-PAK4	PA106, PA100N, PA112	CX880XRE, CX870XRE, CX875RE	C-7488-4, C-7487-4, C-7489-4	FC-6430, FC-6445
ULTRA-A2	PA137, PA126, PA131	CX1380RE, CX1260RE, CX1280XRE	C-7490, C-7495, C-7494	FC-1297, FC-1296, FC-1227
ULTRA-A2-PAK4	PA137, PA126, PA131	CX1380RE, CX1260RE, CX1280XRE	C-7490-4, C-7495-4, C-7494-4	FC-6455, FC-6450, FC-6435
ULTRA-A3	PA81, PA75SV	CX580XRE, CX570XRE	C-7483, C-7477	FC-1225, FC-1260
ULTRA-A3-PAK4	PA81, PA75SV	CX580XRE, CX570XRE	C-7483-4, C-7477-4	FC-6425, FC-6440
ULTRA-A4	PA56SV, PCC60	CX480XRE, 178569, R173572	C-7458, C-7469	FC-1223, FC-1975
ULTRA-A4-PAK4	PA56SV, PCC60	CX480XRE, 178569, R173572	C-7458-4, C-7469-4	FC-6420, FC-6460
ULTRA-A5	PCC80	R173573, CC320	C-7470	FC-1976
ULTRA-A5-PAK4	PCC80	R173573, CC320	C-7470-4	FC-6465
ULTRA-A6	PCC105	R173476, CC420	C-7471	FC-1977
ULTRA-A6-PAK4	PCC105	R173476, CC420	C-7471-4	FC-6470
ULTRA-A7	PCC130	R173578, CC540	C-7472	FC-1978
ULTRA-A7-PAK4	PCC130	R173578, CC540	C-7472-4	FC-6475
ULTRA-A8	PJAN85	A0557900, CL340	C-7459	FC-0800
ULTRA-A8-PAK4	PJAN85	A0557900, CL340	C-7459-4	FC-6405
ULTRA-A9	PJAN115	A0558000, CL460	C-7468	FC-0810
ULTRA-A9-PAK4	PJAN115	A0558000, CL460	C-7468-4	FC-6410
ULTRA-A10	PJAN145	A0104100, CL580	C-7482	FC-0820
ULTRA-A10-PAK4	PJAN145	A0104100, CL580	C-7482-4	FC-6415
ULTRA-A11	PA55, PA50	CX550RE, CX500RE	C-7455, C-7656	FC-1245, FC-1240
ULTRA-A12	PCM100SV, PA75	—	C-7499, C-7676	FC-0650, FC-1250
ULTRA-A15-PAK4	PA89-PAK4	—	C-7485-4	—
ULTRA-A16	PA25, PCM25, PCM35	—	C-7626, C-7425, C-7435, C-7625	FC-1230, FC-0615, FC-0610
ULTRA-A18	PCC155	170102, FFXF620	C-7486	—
ULTRA-A18-PAK4	PCC155-PAK4	170102, FFXF620	C-7486	—
ULTRA-B2	PA120, PJANCS100, PWWCT125	CX1200RE, R0462200, 817-0125N	C-8412, C-8410	FC-1293, FC-0821
ULTRA-B3	PJANCS150, PXST150, PWWCT150	R0462300, CCX1500RE, 817-0150P, 817-0150N	C-8414, C-8316	FC-0822, FC-1286, FC-1287
ULTRA-B4	PA175, PWWPC200	CX1750RE, 25230-0175S, 817-0175P	C-8417	FC-1294
ULTRA-B5	PWWPC125B, PWWPC150B	—	C-8413, C-8416	FC-2575
ULTRA-B6	PA90, PA76, PXST100, PWWCT75, PWWCT100	CX900RE, CX760RE, CCX1000RE, 817-0075N, 817-0100N	C-8409, C-8411, C-8311	FC-1292, FC-1256, FC-1285, FC-1255
ULTRA-B7	PWWPC150SV, PXST125	—	—	—
ULTRA-B8	PA125	—	C-9499	FC-1299
ULTRA-B9	PJANCS200	—	C-8418	FC-0823
ULTRA-B10	PWWCT200	—	C-8419	FC-1288
ULTRA-C1	PAP50	—	C-9405	FC-0684
ULTRA-C2	PAP75	R173214	C-9407	FC-0685
ULTRA-C3	PAP100	R173215	C-9410, C-9412	FC-0686, FC-0696
ULTRA-C4	PAP150	R173216	C-9415	FC-0687
ULTRA-C5	PAP175, PAP200	173201, R173217	C-9417, C-9419	FC-0698, FC-0688
ULTRA-C8	PWW150	817-0150	C-9403	FC-2969
ULTRA-C10	PWWEK200	—	C-9489	—
ULTRA-C11	PJ50	—	C-9650	FC-1460
ULTRA-C12	PJ75	—	C-9475	FC-1480

PLEATCO ULTRA™ FILTER CARTRIDGES (CONT'D)

POOL AND SPA REPLACEMENT CARTRIDGES

Item #	Upgrade For	Mfr #	Unicel	Filbur
ULTRA-C13	PJ100	—	C-9699	FC-1490
ULTRA-C14	PJ150, PJ200	—	C-9478, C-9420	FC-1495, FC-1498
ULTRA-D1	PA100	CX1100-RE	C-8610	FC-1290
ULTRA-D2	PA80	CX800-RE	C-8600	FC-1280
ULTRA-D3	PA100S	CX100XRE	C-9440	—
ULTRA-D4	PA150S	CX150XRE	C-9441	—
ULTRA-D5	PA200S	CX200XRE	C-9442	—
ULTRA-D6	PVAC100, PVAC150	—	C-9999	FC-3106
ULTRA-D7	PA225	CX225-RE	C-4325	FC-1220
ULTRA-D9	PFAB60	17-2810, 17-4983, 17-4985, 32050203, R173298	C-7660	FC-1930
ULTRA-D10	PFAB80, PFAB100	17-2811, 17-4984, R173299, 17-2812, 17-4985, 32050204	C-7680, C-7699	FC-1940, FC-1950
ULTRA-S1	PDM25P4	—	4CH-25	FC-0136
ULTRA-S5	PRB50-IN, PRB25-IN, PRB25-IN-4, PRB37-IN	—	C-4950, C-4326, C-4625, C-4637	FC-2390, FC-2375, FC-2370, FC-2380
ULTRA-S6	PWW35L	817-4035	4CH-935	FC-0170
ULTRA-S7	PRB35-IN	03FIL1300, 17-2482, 25393, 303557 817-3501, R173431	C-4335	FC-2385
ULTRA-S10	PLBS50	817-0014, 173584, R173584	C-5345	FC-2970
ULTRA-S11	PMAX50P4	—	5CH-35	FC-0300
ULTRA-S12	PWK30	31489	C-6430	FC-3915
ULTRA-S13	PWW25P3, PWW35P3, PWW50P3	817-0050, 03FIL1400, 25252, 378902, PWW50	6CH-925, N/A, 6CH-940	N/A, N/A. FC-0359
ULTRA-S16	PWK45N, PWK65	31114	N/A, C-8465	N/A, FC-3960
ULTRA-S19	PAS35-F2M	100520, 3301-2109	7CH-322	FC-0420

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Pleatco ULTRA Quick Reference Table

OUTER Diam.	LENGTH	TOP Hole Inner Diam.	BOTTOM Hole Inner Diam.	MEDIA Weight	MEDIA Feet (Range)	CASE PAC	TYPE	Pleatco ULTRA Part Number	Pleatco ULTRA Upgrade For: Pleatco Advanced #	Unciel #	Filbur #	Mfr	Filter Models	Mfr #
7"	25 1/2"	3"	3"	4	100–112	1	Pool	ULTRA-A1	PA100N	C-7487	FC-1270	Hayward	C4000, C4020, C4000S	CX870XRE
									PA106	C-7488	FC-1226	Hayward	C4025, C4030	CX880XRE
									PA112	C-7489	FC-1275	Hayward	C4500, C4520	CX875RE
7"	25 1/2"	3"	3"	4	40–450	1 (4 pcs)	Pool	ULTRA-A1-PAK4	PA100N-PAK4	C-7487-4	FC-6445	Hayward	C4000, C4020, C4000S	CX870XREPAK4
									PA106-PAK4	C-7488-4	FC-6430	Hayward	C4025, C4030	CX880XREPAK4
									PA112-PAK4	C-7489-4	—	Hayward	C4500, C4520	CX875REPAK4
7"	32 13/16"	3"	3"	4	12–137	1	Pool	ULTRA-A2	PA126	C-7495	FC-1296	Hayward	C5000, C5020	CX1260RE
									PA131	C-7494	FC-1227	Hayward	C5025, C5030	CX1280XRE
									PA137	C-7490	FC-1297	Hayward	C5500, C5520	CX1380RE
7"	32 13/16"	3"	3"	4	500–550	1 (4 pcs)	Pool	ULTRA-A2-PAK4	PA126-PAK4	C-7495-4	FC-6450	Hayward	C5000, C5020	CX1260RE
									PA131-PAK4	C-7494-4	FC-6435	Hayward	C5025, C5030	CX1280XREPAK4
									PA137-PAK4	C-7490-4	FC-6455	Hayward	C5500, C5520	CX1380REPAK4

PLEATCO ULTRA™ FILTER CARTRIDGES (CONT'D)

POOL AND SPA REPLACEMENT CARTRIDGES

ULTRA Quick Reference Table

OUTER Diam.	LENGTH	TOP Hole Inner Diam.	BOTTOM Hole Inner Diam.	MEDIA Weight	MEDIA Feet (Range)	CASE PAC	TYPE	Pleatco ULTRA Part Number	Pleatco ULTRA Upgrade For					
									Pleatco Advanced #	Unciel #	Filbur #	Mfr	Filter Models	Mfr #
7"	19 5/8"	3"	3"	4	75–81	1	Pool	ULTRA-A3	PA75SV	C-7477	FC-1260	Hayward	C3000, C3020, C3000S	CX570XRE
									PA81	C-7483	FC-1225	Hayward	C3025, C3030	CX580XRE
7"	19 5/8"	3"	3"	4	300–325	1 (4 pcs)	Pool	ULTRA-A3-PAK4	PA75SV-PAK4	C-7477-4	FC-6440	Hayward	C3000, C3020, C3000S	CX570XREPAK4
									PA81-PAK4	C-7483-4	FC-6425	Hayward	C3025, C3030	CX580XREPAK4
7"	14 3/16"	3"	3"	4	56–60	1	Pool	ULTRA-A4	PA56SV	C-7458	FC-1223	Hayward	C2025	CX480XRE
									PCC60	C-7469	FC-1975	Pentair	CCP240	178569, R173572
7"	14 3/16"	3"	3"	4	225–240	1 (4 pcs)	Pool	ULTRA-A4-PAK4	PA56SV-PAK4	C-7458-4	FC-6420	Hayward	C2025	CX480XREPAK4
									PCC60-PAK4	C-7469-4	FC-6460	Pentair	CCP240	178569, R173572 (4 req.), 179133
7"	20 1/16"	3"	3"	4	80	1	Pool	ULTRA-A5	PCC80	C-7470	FC-1976	Pentair	CCP320	178580, R173573
												Waterway	CRW325	817-0081
7"	20 1/16"	3"	3"	4	320	1 (4 pcs)	Pool	ULTRA-A5-PAK4	PCC80-PAK4	C-7470-4	FC-6465	Pentair	CCP320	178580, R173573, 179134
												Waterway	CRW325	817-0081 (4 req.)
7"	26"	3"	3"	4	105	1	Pool	ULTRA-A6	PCC105	C-7471	FC-1977	Pentair	CCP420	178584, R173476
												Waterway	CRW425	817-0106
7"	26"	3"	3"	4	420	1 (4 pcs)	Pool	ULTRA-A6-PAK4	PCC105-PAK4	C-7471-4	FC-6470	Pentair	CCP420	178584, R173476
												Waterway	CRW425	817-0106 (4 req.)
7"	32"	3"	3"	4	130	1	Pool	ULTRA-A7	PCC130	C-7472	FC-1978	Pentair	CCP520	178585, R173578
												Waterway	CRW525	817-0131
7"	32"	3"	3"	4	520	1 (4 pcs)	Pool	ULTRA-A7-PAK4	PCC130-PAK4	C-7472-4	FC-6475	Pentair	CCP520	178585, R173578
												Waterway	CRW525	817-0131 (4 req.)
7 1/8"	26 15/16"	3"	3"	4	85	1	Pool	ULTRA-A8	PJAN85	C-7459	FC-0800	Jandy	CL340, CV340	A0557900
7 1/8"	26 15/16"	3"	3"	4	340	1 (4 pcs)	Pool	ULTRA-A8-PAK4	PJAN85-PAK4	C-7459-4	FC-6405	Jandy	CL340, CV340	A0557900 (4 req.)
7 1/8"	26 15/16"	3"	3"	4	115	1	Pool	ULTRA-A9	PJAN115	C-7468	FC-0810	Jandy	CL460, CV460	A0558000
7 1/8"	26 15/16"	3"	3"	4	460	1 (4 pcs)	Pool	ULTRA-A9-PAK4	PJAN115-PAK4	C-7468-4	FC-6410	Jandy	CL460, CV460	A0558000 (4 req.)
7 1/8"	32 7/8"	3"	3"	4	145	1	Pool	ULTRA-A10	PJAN145	C-7482	FC-0820	Jandy	CL580, CV580	A0104100
7 1/8"	32 7/8"	3"	3"	4	580	1 (4 pcs)	Pool	ULTRA-A10-PAK4	PJAN145-PAK4	C-7482-4	FC-6415	Jandy	CL580, CV580	A0104100 (4 req.)
7"	19 3/4"	3"	3"	4	50–55	1	Pool	ULTRA-A11	PA50	C-7656	FC-1240	Hayward	C500	CX500RE
									PA55	C-7455	FC-1245	Hayward	C550	CX550RE
7"	29 3/8"	3"	3"	4	75–100	1	Pool	ULTRA-A12	PA75	C-7676	FC-1250	Hayward, Pentair	C750	CX750-RE, R173205, 570074
									PCM100SV	C-7499	FC-0650	Hayward, Pentair	C1000	CX1000-RE, 57014400, 27084
7"	25 1/4"	3"	3"	4	100	1	Pool	ULTRA-A13	PPCO100	—	—	Poolco	—	—
7"	19 1/8"	3"	3"	4	89	4	Pool	ULTRA-A15-PAK4	PA89-PAK4	—	—	Hayward	—	—
7"	9 11/16"	3"	3"	4	25–35	1	Pool	ULTRA-A16	PA25	C-7626	FC-1230	Hayward	C250	CX250-RE
									PCM25	C-7425	FC-0615	Pentair	—	R173201, 57005700, R173208
									PCM35	C-7435	FC-0660	Pentair	—	R173209, 57014200
7"	39 1/4"	3"	3"	4	155	1	Pool	ULTRA-A18	—	C-7486	—	Pentair	FFXF C620	170102
7"	39 1/4"	3"	3"	4	620	1	Pool	ULTRA-A18-PAK4	—	—	—	Pentair	FFXF C620	—
8 15/16"	23 1/4"	4"	4"	4	100–125	1	Pool	ULTRA-B2	PA120	C-8412	FC-1293	Hayward	C1200	CX1200RE
									PJANCS100	C-8410	FC-0821	Jandy	CS100	R0462200
									PWWCT125	—	—	Waterway	CW2-125	817-0125N

PLEATCO ULTRA™ FILTER CARTRIDGES (CONT'D)

POOL AND SPA REPLACEMENT CARTRIDGES

ULTRA Quick Reference Table

									Pleatco ULTRA Upgrade For					
OUTER Diam.	LENGTH	TOP Hole Inner Diam.	BOTTOM Hole Inner Diam.	MEDIA Weight	MEDIA Feet (Range)	CASE PAC	TYPE	Pleatco ULTRA Part Number	Pleatco Advanced #	Unciel #	Filbur #	Mfr	Filter Models	Mfr #
8 15/16"	23 1/4"	4"	4"	4	150	1	Pool	ULTRA-B3	PJANCS150	C-8414	FC-0822	Jandy	CS150	R0462300
									PWWCT150	C-8414	FC-1287	Waterway	CW2-150	817-0150N
									PXST150	C-8316	FC-1286	Hayward	CC1500	CCX1500RE
8 15/16"	28 3/16"	4"	4"	4	175–200	1	Pool	ULTRA-B4	PA175	C-8417	FC-1294	Hayward, Sta-Rite	C1750, PXC175	CX1750RE, 25230-0175S
									PWWPC200	C-8420	—	Waterway	PC175, PC200	817-0175P, 817-0175PB, 817-0200P, 817-0200PB
8 15/16"	28 3/16"	4"	4"	4	125–150	1	Pool	ULTRA-B5	PWWPC125B	C-8413	FC-2575	Waterway, Sta-Rite	PC125, PXC125	817-0125P, 25230-0125S
									PWWPC150B	C-8416		Waterway, Sta-Rite	PC150, PXC150	817-150P, 25230-0150S
8 15/16"	17 3/8"	4"	4"	4	75–100	1	Pool	ULTRA-B6	PA76	C-8411	FC-1255	Hayward	C751	CX760RE
									PA90	C-8409	FC-1292	Hayward	C900	CX900RE
									PWWCT75	C-8411	FC-1255	Waterway	CW2-75	817-0075N
									PWWCT100			Waterway	CW2-100	817-0100N
									PXST100	C-8311	FC-1285	Hayward	CC1000	CCX1000RE
8 15/16"	17 3/8"	4"	4"	4	125–150	1	Pool	ULTRA-B7	PWWPC150SV	—	—	Waterway	PC150(S)	—
									PXST125	—	—	Hayward	XST100	—
8 15/16"	19 5/8	4"	4"	4	125	1	Pool	ULTRA-B8	PA125	C-9499	FC-1299		CC1250, CC1500	CX1250RE, CX1500RE
8 15/16"	33 1/8"	4"	4"	4	200	1	Pool	ULTRA-B9	PJANCS200	C-8418	FC-0823	Jandy	CS200	R0462400
8 15/16"	23 1/4"	4"	4"	4	200	1	Pool	ULTRA-B10	PWWCT200	C-8419	FC-1288	Waterway	CW2-200	817-0200N
10 1/16"	8 7/8"	6"	6"	4	50	2	Pool	ULTRA-C1	PAP50	C-9405	FC-0684	Pentair	CC50	R173213, 59054000, 1561-26
10 1/16"	16 1/8"	6"	6"	4	75	1	Pool	ULTRA-C2	PAP75	C-9407	FC-0685	Pentair	CC75	59054100, R173214
10 1/16"	23 5/8"	6"	6"	4	100–125	1	Pool	ULTRA-C3	PAP100	C-9410	FC-0686	Pentair	CC(RP)100	59054200, R173215
									PAP118, PAP125	C-9412	FC-0696	Pentair	CC125	173200, R178671
10 1/16"	31 1/8"	6"	6"	4	150	1	Pool	ULTRA-C4	PAP150	C-9415	FC-0687	Pentair	CC(RP)150	59054300, R173216
10 1/16"	31 1/8"	6"	6"	4	175–200	1	Pool	ULTRA-C5	PAP175	C-9417	FC-0698	Pentair	CC175	173201
									PAP200	C-9419	FC-0688	Pentair	CC(RP)200	59054400, R173217
10"	23 1/8"	6"	6"	4	150	1	Pool	ULTRA-C8	PWW150	C-9403	FC-2969	Waterway, Leisure Bay	Pool 150, WW-150	817-0150
10"	23 1/8"	6"	6"	4	200	1	Pool	ULTRA-C10	PWWEK200	C-9489		Waterway	Eco-Kleer 200	817-1200
10"	10"	5 15/16"	6"	4	50	1	Pool	ULTRA-C11	PJ50	C-9650	FC-1460	Jacuzzi, Carvin	CFR50. CFT50	42-2940-09-R
10"	14 1/4"	5 15/16"	6"	4	75	1	Pool	ULTRA-C12	PJ75	C-9475	FC-1480	Jacuzzi, Carvin	CFR75, CFT75	42-3509-00-R
10"	19 7/8"	5 15/16"	6"	4	100	1	Pool	ULTRA-C13	PJ100	C-9699	FC-1490	Jacuzzi, Carvin	CFR100, CFT100	42-2941-08-R
10"	24"	5 15/16"	6"	4	150–200	1	Pool	ULTRA-C14	PJ150	C-9478	FC-1495	Jacuzzi, Carvin	CFR150, CFT150	42-3508-01-R
									PJ200	C-9420	FC-1498	Jacuzzi, Carvin	CFR200, CFT200	42-3540-01-R
8 1/2"	23 1/8"	6"	6"	4	100	1	Pool	ULTRA-D1	PA100	C-8610	FC-1290	Hayward	C1100	CX1100-RE
8 1/2"	17 3/8"	6"	6"	4	80	1	Pool	ULTRA-D2	PA80	C-8600	FC-1280	Hayward	C800	CX800-RE
10 1/8"	19 1/2"	4"	4"	4	100	1	Pool	ULTRA-D3	PA100S	C-9440	FC-1265	Hayward	C100S	CX100XRE
10 1/8"	23 1/8"	4"	4"	4	150	1	Pool	ULTRA-D4	PA150S	C-9441	FC-1266	Hayward	C150S	CX150XRE
10 1/8"	28 3/16"	4"	4"	4	200	1	Pool	ULTRA-D5	PA200S	C-9442	FC-1267	Hayward	C200S	CX200XRE
10 1/16"	19 5/8"	3/8"	6"	4	100–150	1	Pool	ULTRA-D6	PVAC100	C-9999	FC-3106	Vak Pak/ Airwick/ Heldor/ Dynapure 100SF	—	—
									PVAC150	—	—	Vak Pak/ Airwick/ Heldor/ Dynapure 150SF	—	—
4 5/8"	11 7/8"	2 1/16"	2 1/16"	4	225	8	Pool	ULTRA-D7	PA225	C-4325	FC-1220	Pentair, Hayward	C225	CX225-RE
7 7/8"	11 7/8"	3 1/16"	3 1/16"	4	50	2	Pool	ULTRA-D8	PFAB50	C-7678	FC-1920	Pentair / Pac Fab	Mytilus FMY 50	—
7 7/8"	14 1/16"	3 1/16"	3 1/16"	4	60	1	Pool	ULTRA-D9	PFAB60	C-7660	FC-1930	Pentair / Pac Fab, Wet Institute	Mytilus 60	17-2810, 17-4983, 17-4985, 32050203, R173298

PLEATCO ULTRA™ FILTER CARTRIDGES (CONT'D)

POOL AND SPA REPLACEMENT CARTRIDGES

ULTRA Quick Reference Table

OUTER Diam.	LENGTH	TOP Hole Inner Diam.	BOTTOM Hole Inner Diam.	MEDIA Weight	MEDIA Feet (Range)	CASE PAC	TYPE	Pleatco ULTRA Part Number	Pleatco ULTRA Upgrade For					
									Pleatco Advanced #	Unciel #	Filbur #	Mfr	Filter Models	Mfr #
7 7/8"	22 1/8"	3 1/16"	3 1/16"	4	80–100	1	Pool	ULTRA-D10	PFAB80	C-7680	FC-1940	Pentair / Pac Fab	Mytilus 80	17-2811, 17-4984, R173299
									PFAB100	C-7699	FC-1950	Pentair / Pac Fab, Wet Institute	Mytilus 100	17-2812, 17-4985, 32050204
4 3/4"	8 1/8"	Handle	1 1/2" MPT	3	25	6	Spa	ULTRA-S1	PDM25P4	4CH-25	FC-0136	Dream Maker Spas	—	—
5"	13 5/16"	2 1/8"	2 1/8"	3	25–50	6	Spa	ULTRA-S5	PRB50-IN	C-4950	FC-2390	Pentair / Rainbow, Waterway, Custom Molded Products	DFM50, DFML50, RTL50, RFC50	03FIL1600, 17-2380, RTL-50, 100533, 6540-471, 25391, 817-5000, R173434
									PRB25-IN	C-4326	FC-2375	Pentair / Rainbow, Waterway, Custom Molded Products	RDC25, RTL/ RFC25, DFM/ DFML25	17-2327, 100586, 33521, 25392, 303909, M-4326, 817-2500, R173429
									PRB25-IN-4	C-4625	FC-2370	Pentair / Rainbow, Waterway	—	17-2325
									PRB37-IN	C-4637	FC-2380	Pentair / Rainbow, Waterway, Morgan Spas, Leisure Bay Spas, Custom Molded Products	—	R173430
5"	8 1/2"	Handle	1 1/2" SAE	3	35	6	SPA	ULTRA-S6	PWW35L	4CH-935	—	Waterway	—	817-4035
5"	9 1/4"	2 1/8"	2 1/8"	3	35	6	Spa	ULTRA-S7	PRB35-IN	C-4335	FC-2385	Pentair / Rainbow, Waterway, In-Line	RDC35, DFM, DFML	03FIL1300, 17-2482, 25393, 303557 817-3501, R173431
5 5/16"	10 1/8"	2 1/8"	2 1/8"	3	50	6	Spa	ULTRA-S10	PLBS50	C-5345	FC-2970	Leisure Bay, Dynasty Spas, Waterway, Rainbow	—	817-0014, 173584, R173584
5 3/4"	8"	Handle	1 1/2" MPT	—	—	—	—	ULTRA-S11	PMAX50P4	—	—	Maax Spas, Artesian	—	—
5 7/8"	10 1/2"	1 15/16"	1 15/16"	3	30	5	Spa	ULTRA-S12	PWK30	C-6330	FC-3915	Watkins Hot Spring Spas	—	31489
6"	7 5/8"	Handle	1 1/2" SAE	3	25–50	6	Spa	ULTRA-S13	PWW25P3	6CH-925	—	Gulf Coast Spas	—	—
									PWW35P3	4CH-935	—	Outback Spas	—	—
									PWW50P3	6CH-940	FC-0359	Waterway, Custom Molded Products	—	817-0050, 03FIL1400, 25252, 378902, PWW50
8 1/2"	10 1/2"	3"	3"	3	45–65	2	Spa	ULTRA-S16	PWK45N	—	—	Watkins Hot Spring Spas	—	31114
									PWK65	C-8465	FC-3960	Watkins Hot Spring Spas	—	31114
7 1/8"	7 9/16"	Handle	2" MPT	3	35	3	Spa	ULTRA-S19	PAS35-F2M	7CH-322	FC-0419	Artesian (Coleman)	—	100520, 3301-2109

Check out the Pleatco Filter Cartridge Finder for quick access to find the right cartridges on-the-go: www.pentair.com/filterfinder

PLEATCO CODES
BY MANUFACTURER

Pleatco	MANUFACTURER
PA	HAYWARD
PAE	ADVANTAGE
PAP	AMERICAN PREDATOR
PAQ	AQUA SPA
PAQV	AQUA VAC
PAS	ARTESIAN SPAS
PAST	ASTRAL
PAT	ATLANTIC - HAUGH
PBF	BULLFROG
PBH	BAKER HYDRO
PBW	BESTWAY
PC	COLECO
PCAL	CAL SPAS
PCC	PAC FAB Clean & Clear
PCD	CALDERA
PCH	CHRISTAL
PCL	COLUMBIA
PCM	AMERICAN PRODUCTS
PCO	COOPER
PCP	REGENCY - NEMCO
PCS	COLEMAN
PCST	COAST SPAS
PD	DOUGHBOY
PDC	PLEATCO DUAL CORE
PDM	DREAM MAKER
PDO	DIMENSION SPAS
PDS	DAKOTA
PDS	DOLPHIN
PDV	DISCOVERY SPA
PFAB	PAC FAB
PFF	FREEFLOW
PFG	PLEATCO FULL GRID
PFS	PLEATCO FULL GRID SET
PFV	FOUNTAIN VALLEY
PFW	FOX WALLPACK
PG	GERICO

Pleatco	MANUFACTURER
PGC	GULF COAST
PGF	GENERAL FOAM
PGS	GATSBY
PH	HARMSCO
PHC	HERCULES
PHG	PLEATCO HALF GRID
PHO	HOESCH
PHP	HAUGH-ATLANTIC
PIC	ICON
PIF	INFINITY SPAS
PIN	INTEX
PJAN	JANDY
PJ	JACUZZI
PJB	JACUZZI BROS.
PJC	JACUZZI CANTAR
PJW	JACUZZI/WHIRLPOOL
PL	LOMART
PLB	LEISURE BAY
PLBS	LEISURE BAY
PLW	SEASONMASTER
PMA	MASTER SPA
PMAG	MAGMUN FILTERS
PMAX	MAXX SPA
PMS	MUSKIN
PMT	MARTEC
POX	ONYX
PPC	STA-RITE POSI-CLEAN
PPCO	POOLCO
PPF	PUREX
PPG	SUNRISE
PPI	SEVEN SEAS
PPM	MARQUIS
PPR	PREMIER
PRB	RAINBOW
PRW	RECREATION WAREHOUSE
PS	SYLVAN

Pleatco	MANUFACTURER
PSANT	STRONG
PSD	SUNDANCE
PSG	SARATOGA
PSI	PAGEANT SPAS
PSN	SUNRISE
PSON	SONFARREL
PSR	STA-RITE
PSS	SOFT SIDER
PST	SPA-TECH
PTL	PLEATCO
PUST	US TOOLING
PVT	VITA
PW	WET INSTITUTE
PWC	WATERCO
PWK	WATKINS
PWMC	WMC IND
PWW	WATERWAY
PXST	HAYWARD X-STREAM

Check out the Pleatco Filter Cartridge Finder for quick access to find the right cartridges on-the-go: www.pentair.com/filterfinder

NOTE 1: WHERE POSSIBLE WE HAVE ELIMINATED DASHES AND SPACES FROM THE PLEATCO PART NUMBER.

NOTE 2: In general, an OEM is listed in the part # of the filter - some cartridges work for multiple OEM's.

PLEATCO ADVANCED™ FILTER CARTRIDGES

POOL AND SPA EQUIVALENT REPLACEMENT CARTRIDGES

Featured Highlights

- Achieve and maintain cleaner water with Pleatco Advanced Pool Replacement Cartridges
- Designed to deliver superior filtration and hassle-free maintenance — and fit most existing pool filtration systems
- Features Pleatco Point Bonded Pool Filtration Fabric with finer fibers for better flow and dirt capture area
- Built with the Pleatco Free Flow Core, creating maximum space for water to reach more of the fabric faster, reducing operating pressures on the system
- Maximizes efficiency with extended time in between cleanings, less frequent replacements, and lower energy consumption

Check out the Pleatco Filter Cartridge Finder for quick access to find the right cartridges on-the-go: www.pentair.com/filterfinder

Ordering Information

Indicates discontinued item # (*) - see ULTRA Replacement

Item #	ULTRA Replacement	Description	Mfr #	Unicel	Filbur
DSF25-50	—	Nemco 30	—	C-4429	FC-3082
PA25*	ULTRA-A16	Hayward, Star-Clear C250, open w/molded gasket	CX250-RE	C-7626	FC-1230
PA40	—	Hayward Easy Clear C400, C-410, open w/molded gasket	CX410-RE	C-7442	FC-1228
PA50*	ULTRA-A11	Hayward Star-Clear C500, Hayward Easy Clear C550, Pentair Purex CF-50, open/w molded gasket	CX500-RE, CX550-RE, R173409, 27-079	C-7656	FC-1240
PA56L-PAK4	—	Hayward SwimClear C2030	CX481XREPAK4	C-7456-4	—
PA75*	ULTRA-A12	Hayward Star-Clear C750, Waterway Clearwater II 75, Waterway Pro-Clean 75, open w/molded gasket	CX750-RE, R173205, 570074	C-7676	FC-1250
PA76*	ULTRA-B6	Hayward C751, Sta-Rite PXC-75, Waterway Clearwater II 75, Waterway Pro-Clean 75, open w/molded gasket	CX760-RE, 25230-0075S	C-8411	FC-1256
PA80*	ULTRA-D2	Hayward Star-Clear II C800 Star-Clear II C1500, open w/molded gasket	CX800-RE	C-8600	FC-1280
PA81*	ULTRA-A3	Hayward SwimClear C3030, C3025, C3020, Hayward Super-Star-Clear C3000, C3000S (stainless steel), Hayward C-570, Sta-Rite PRC 75, open w/molded gasket	CX580-XRE, CX-570-XRE	C-7483	FC-1225
PA81-PAK4*	ULTRA-A3-PAK4	Hayward SwimClear C3030, C3025, C3020, Hayward Super-Star-Clear C3000, C3000S (stainless steel), open w/molded gasket (Set of 4)	CX580XREPAK4, CX570-XREPAK4	C-7483-4	FC-6425
PA89	ULTRA-A15	Hayward Swim Clear C7030, HCF7030, HCF7030C	CX591-XRE	C-7485	—
PA90*	ULTRA-B6	Hayward Star-Clear Plus C900, Hayward X-Stream CC100, Sta-Rite PXC-95, Waterway Clearwater II 100, Waterway Pro-Clean 100, open w/molded gasket	CX900-RE, CCX1000-RE, 25230-0095S, 817-0100N	C-8409	FC-1292
PA100*	ULTRA-D1	Hayward Star-Clear II C1100, open w/ molded gasket	CX1100-RE	C-8610	FC-1290
PA106*	ULTRA-A1	Hayward SwimClear C4030, C4025, C4020, C4520, Hayward Super-Star-Clear C4500, C4000, C4000S (stainless steel), Pentair Purex CF 105, open w/molded gasket	CX880-XRE, CX870-XRE, CX875-RE	C-7488	FC-1226
PA106-PAK4*	ULTRA-A1-PAK4	Hayward SwimClear C4030, C4025, C4020, C4520, Hayward Super-Star-Clear C4500, C4000, C4000S (stainless steel), Pentair Purex CF 105, open w/molded gasket (Set of 4)	CX880-XREPAK4, CX870-XREPAK4, CX875-XREPAK4	C-7488-4	FC-6430
PA120*	ULTRA-B2	Hayward Star-Clear Plus C1200, Waterway Clearwater II 125, Waterway Pro-Clean 125	CX1200-RE, 817-0125N	C-8412	FC-1293
PA125	ULTRA-B8	Hayward ASL Full-Flo C1250, C1500	CX1250-RE, CX1500-RE	C-9499	FC-1299
PA131*	ULTRA-A2	Hayward SwimClear C5030, C5025, C5020, Hayward Super-Star-Clear C5000, open w/molded gasket	CX1280-XRE, CX1260-XRE	C-7494	FC-1227
PA131-PAK4*	ULTRA-A2-PAK4	Hayward SwimClear C5030, C5025, C5020, Hayward Super-Star-Clear C5000, open w/molded gasket (Set of 4)	CX1280-XRE, CX1260-XREPAK4	C-7494-4	FC-6435
PA137*	ULTRA-A2	Hayward Super-Star-Clear C5500 SwimClear C5520, open w/molded gasket	CX1380-RE	C-7490	FC-1297
PA137-PAK4*	ULTRA-A2-PAK4	Hayward Super-Star-Clear C5500 SwimClear C5520, open w/molded gasket	CX1380-RE	C-7490-4	—
PA175*	ULTRA-B4	Hayward Star-Clear Plus C1750, C1900, Sta-Rite PXC-175, Waterway Proclean 175, 200, open w/molded gasket	CX1750-RE, CX1900-RE, 25230-0175S, 817-0175P, 817-0200P	C-8417	FC-1294
PA225*	ULTRA-D7	Hayward MicroStar-Clear C225, C200, C120 (in-line), American Commander II	CX225-RE, CX200-RE, CX120-RE	C-4325	FC-1220
PA100S*	ULTRA-D3	Hayward SwimClear C100S	CX100XRE	C-9440	
PA150S*	ULTRA-D4	Hayward SwimClear C150S	CX150XRE	C-9441	—
PA200S*	ULTRA-D5	Hayward SwimClear C200S	CX200XRE	C-9442	—
PAP50*	ULTRA-C1	Pentair Clean & Clear 50, Predator 50	R173213, 59054000, 1561-26	C-9405	FC-0684
PAP75*	ULTRA-C2	Pentair Clean & Clear 75, Predator 75, Cal Spas	R173214, 59054100	C-9407	FC-0685
PAP100*	ULTRA-C3	Pentair Clean & Clear 100, Predator 100	R173215, 59054200	C-9410	FC-0686
PAP150*	ULTRA-C4	Pentair Clean & Clear 150, Predator 150	R173216, 59054300	C-9415	FC-0687
PAP200*	ULTRA-C5	Pentair Clean & Clear 200, Predator 200	R173217, 59054400	C-9419	FC-0688
PAS35-F2M	ULTRA-S19	Artesian Top Load Spa (Coleman)	100520, 3301-2109	7CH-322	FC-0419

PLEATCO ADVANCED™ FILTER CARTRIDGES (CONT'D)

POOL AND SPA REPLACEMENT CARTRIDGES

Indicates discontinued item # (*) - see ULTRA Replacement

Item #	ULTRA Replacement	Description	Mfr #	Unicel	Filbur
PAS40-F2M	—	New Artesian 6" D Spa	—	6CH-352	FC-0312
PAS50-F2M	—	Upgrade to Newer Artesian Spas	—	—	—
PAS50SV-F2M	—	Artesian Spas 50	—	6CH-502	FC-0311
PBF35	—	Bullfrog 35, 2003-2012 (short thread)	10-2785	8CH-950	FC-0536
PBF36	—	Bullfrog 35, 2013-2017 (long thread)	10-2870	8CH-951	—
PBF40	—	Bullfrog 30 coreless, 2017-Current	10-00282	—	—
PBH50	—	Baker Hydro HM 50	17-B2055	C-7605	FC-0720
PCAL60-F2M	—	Cal Spa Victory 60	—	5CH-752	FC-0202
PCC60*	ULTRA-A4	Pentair Clean & Clear Plus 240, Hayward SwimClear C2025, C2020, Hayward Super-Star-Clear C2000, Sta-Rite PRC 50, American Quantum	178569, R173572, CX480-XRE, CX470-XRE,25200-01505	C-7469	FC-1975
PCC60-PAK4*	ULTRA-A4-PAK4	Pentair Clean & Clear Plus 240, Hayward SwimClear C2025, C2020, Hayward Super-Star-Clear C2000, Sta-Rite PRC 50, American Quantum, (Set of 4)	178569, R173572, CX480-XREPAK4, CX470-XREPAK4, 25200-01505	C-7469-4	FC-6460
PCC80*	ULTRA-A5	Pentair Clean & Clear Plus 320, Waterway Crystal Water 325 (4 required)	817-0081, 178580, R173573, 817-0081	C-7470	FC-1976
PCC80-PAK4*	ULTRA-A5-PAK4	Pentair Clean & Clear Plus 320, Waterway Cryatal Water 325 (Set of 4)	817-0081, 178580, R173573, 817-0081	C-7470-4	FC-6465
PCC105*	ULTRA-A6	Pentair Clean & Clear Plus 420, 520 (pre 1998), American Quantum CM & RPM 125/500, Waterway Crystal Water 425 (4 required)	817-0131, 178584, R173476, 817-0106	C-7471	FC-1977
PCC105-PAK4*	ULTRA-A6-PAK4	Pentair Clean & Clear Plus 420, 520 (pre 1998), American Quantum CM & RPM 125/500, Waterway Crystal Water 425 (Set of 4)	817-0131, 178584, R173476, 817-0106	C-7471-4	FC-6470
PCC130*	ULTRA-A7	Pentair Clean & Clear Plus 520	817-0143, 178585, R173578	C-7472	FC-1978
PCC130-PAK4*	ULTRA-A7-PAK4	Pentair Clean & Clear Plus 520, Waterway Crystal Water	817-0143, 178585, R173578	C-7472-4	FC-6475
PCD50N	—	Caldera 50 (new style)	1019401	C-7350	FC-3963
PCD75N	—	Caldera 75 (new style)	1019301	C-7375	FC-3964
PCD100W	—	Caldera 100	1039607	C-8399	FC-3965
PCM88	—	American Quantum Stainless Steel, Quantum RPM, Quantum CM, (4 required)	56627800, 173218	C-7474	FC-0690
PCM100SV*	ULTRA-A12	American Commander 100, Hayward Star-Clear 100, Hercules II, 100	CX1000-RE, 57014400, 27084	C-7499	FC-0650
PCS50N	—	Coleman Spas 50	100593, 3301-2261	C-8450	FC-3310
PCS75N	—	Coleman Spas 75	100594, 3301-2262	C-8475	FC-3320
PCST80	—	Coast Spas Top load (in-line) 100, Waterway Plastics	817-0098	C-5396	FC-2975
PCST120	—	Coast Spas Top load (in-line) 135, Waterway Plastics	817-0147	C-5351	FC-2976
PDM25P4*	ULTRA-S1	Dream Maker Spas	—	—	—
PDO75-2000	—	Dimension One 75, @Home Hot Tubs (open w/twist lock)	1561-00	C-7367	FC-3059
PFAB50*	ULTRA-D8	Pentair / Pac Fab Mytilus FMY 50	17-4981, R173297	C-7678	FC-1920
PFAB60*	ULTRA-D9	Pentair / Pac Fab Mytilus-B 60 GPM MY 60, Mitra 60 GPM MA-60/160, Mytilus 60 60 GPM MY 60, Mytilus-B 140 GPM MY 140 (2 required), Wet Institute Modufilter M-180 (3 required)	17-2810, 17-4983, 17-4985, 32050203, R173298	C-7660	FC-1930
PFAB80*	ULTRA-D10	Pentair / Pac Fab Mytilus 80 80 GPM MY 80, Mitra 80 GPM MA-80, Mytilus-B GPM MY 80, Mytilus FMY 80	17-2811, 17-4984, R173299	C-7680	FC-1940
PFAB100*	ULTRA-D10	Pentair / Pac Fab Mytilus B 100 GPM MA-100/160, Mitlus FMY 100, Mytilus 100 GPM MY 100, Mitra 100 GPM MA-100-160, Wet Institute Modufilter M-330 (3 required)	17-2812, 17-4985, 32050204	C-7699	FC-1950
PFAB150	—	Pentair / Pac Fab My 150, GPM Pac-Fab, Mytilus FMY150	17-4980	C-7679	FC-1960
PFF42TC-P4	—	Freeflow 2013 - current	303279	5CH-37	FC-2402
PFF50P4	—	Freeflow Spas Legend	—	5CH-45	FC-2401
PGS25P4	—	After Hours Spas, Nemco Spas, Threaded 25, Top Load	20254-238	4CH-24	FC-0131
PH6	—	American, Harmsco ST/6, Pac-Fab, Premier, Rainbow, Swimquip 6, SwimRite, Universal Six	24101-19, 17-2006, R173321	T-380	FC-3060
PH105	—	Harmsco Tropic Flo 100, BF100SC	SC/TC 105	C-7685	FC-6110
PH155	—	Harmsco Tropic Flo 150, BF155SC	SC/TC 155	C-7697	FC-6115
PJ15-IN-4	—	Jacuzzi CFR/CFT 15	—	C-5615	FC-1415
PJ25-IN-4	—	Jacuzzi CFR/CFT 25, 37	42-2891-08-R, 2590000, 5475000, 42-3533-00-R	C-5625	FC-1425
PJ50*	ULTRA-C11	Jacuzzi CFR/CFT 50	42-2940-09-R	C-9650	FC-1460
PJ75*	ULTRA-C12	Jacuzzi CFR/CFT 75	42-3509-00-R	C-9475	FC-1480
PJ80	—	Jacuzzi Brothers Sherlock 80	42-3674-09-R	C-9480	FC-1400
PJ100*	ULTRA-C13	Jacuzzi CFR/CFT 100	42-2941-08-R	C-9699	FC-1490
PJ120	—	Jacuzzi Brothers Sherlock 120	42-3675-08-R	C-9481	FC-1401
PJ150*	ULTRA-C14	Jacuzzi CFR/CFT 150, 200	42-3508-01-R, 42-3540-01-R	C-9478	FC-1495
PJ160	—	Jacuzzi Brothers Sherlock 160	42-3667-07-R	C-9482	FC-1402
PJ200S	—	Jacuzzi Brothers Sherlock 200	42-3668-08-R	C-9483	FC-1403
PJAN85*	ULTRA-A8	Jandy Industries CL340, CV340	A0557900	C-7459	FC-0800
PJAN85-PAK4*	ULTRA-A8-PAK4	Jandy Industries CL340, CV340	A0557900	C-7459-4	FC-6405

PLEATCO ADVANCED™ FILTER CARTRIDGES (CONT'D)

POOL AND SPA REPLACEMENT CARTRIDGES

Indicates discontinued item # (*) - see ULTRA Replacement

Item #	ULTRA Replacement	Description	Mfr #	Unicel	Filbur
PJAN115*	ULTRA-A9	Jandy Industries CL460, CV460	A0558000	C-7468	FC-0810
PJAN115-PAK4*	ULTRA-A9-PAK4	Jandy Industries CL460, CV460	A0558000	C-7468-4	FC-6410
PJAN145*	ULTRA-A10	Jandy Industries CL580, CV580	A0104100	C-7482	FC-0820
PJAN145-PAK4*	ULTRA-A10-PAK4	Jandy Industries CL580, CV580	A0104100	C-7482-4	FC-6415
PJANCS200*	ULTRA-B9	Jandy Industries CS 200	R0462400	C-8418	FC-0823
PJANCS250	—	Jandy Industries CS 250	R0462500	C-8425	FC-0824
PJW23	—	Jacuzzi Aero, Caressa, C/top	6199000	C-5601	FC-1330
PJW50	—	Jacuzzi Whirlpool 50, C/top, Front Load	—	C-5300	FC-1320
PJW60TL-F2S	—	Jacuzzi Premium J-300, J400	6540-476	6CH-960	FC-2800
PJW60TL-OT-F2S	—	Jacuzzi Premium J-300, J400 (injection molded handle not included)	6541-383	6CH-961	FC-2715
PLAS20	—	LA Spas sock filter substitute	—	5CH-203	—
PLAS35	—	LA Spas replacement for bag filter	—	—	FC-0303
PLBS50*	ULTRA-S10	Leisure Bay, Dynasty Spas, Waterway, Rainbow	817-0014, 173584, R173584	C-5345	FC-2970
PLBS75	—	Rainbow, Waterway, Leisure Bay, S2/G2 Spa 75	817-0015, 303433, R173600	C-5374	FC-2971
PLBS100	—	Rainbow, Waterway, Leisure Bay, S2/G2 Spa 100	817-0016, 303434, R173601	C-5397	FC-2972
PMA20-F2M	—	Master Spas Contractor Series (CS) 415	—	4CH-252	—
PMA40-F2M	—	Master Spas Legacy / Freedom	X268080	—	FC-0418
PMA40L-F2M	—	Master Spas Twilight	X268365	—	—
PMA45-2004-R	—	Master Spas EP (new style)	X268330	C-8341	FC-1007
PMAX50P3	—	Maax Spas of Canada	—	—	—
PMAX50P4	ULTRA-S11	Maax Spas of Canada	—	5CH-35	FC-0300
PPC50	—	Sta-Rite Posi-clean FCP50, TXC50, TXC50B, FCP50B, FCP100, TXC 100	2420-0016, 24241-0016, WC108-141SI	C-7652	FC-2580
PPCO90		Poolco 90	Poolco 100		FC-3116
PPCO120		Poolco 120	Poolco 120		
PPG50P4	—	Top Load, Sunrise Modification	—	6CH-49	FC-0314
PPM35SC-F2M	—	Pacific Marquis Spas, Cal Spas Low Flow Recirc 36SF	20042, 370-0242, 370-0243	5CH-352	FC-0196
PPM50SC-F2M	—	Pacific Marquis Spas, Cal Spas Low Flow Recirc 48SF	20041, 370-0237	5CH-502	FC-0195
PPR75	—	Premier Maxi Sweep, (3 or 4 required)	27-056	C-5371	FC-2018
PRB12L-4	—	Standard & High SF Module Filters (MX Series), Lifeguard CL 29, CL29x, Rainbow	17-2010, R173327, 17-2046, R173328	C-2613	FC-2350
PRB25-IN*	ULTRA-S5	Dynamic Series I RDC-25, I RDC-25S, Dynamic Series II & II RTL/RCF-25, Dynamic Series IV-DFM, DFML, Waterway 25 In-Line, Custom Molded Products	17-2327, 100586, 33521, 25392, 303909, M-4326, 817-2500, R173429	C-4326	FC-2375
PRB25-IN-4*	ULTRA-S5	Dynamic Series II & III - RTL/RCF, Series I - Model RDC, Series IV - DFM, DFML, Waterway	17-2325	C-4625	FC-2370
PRB25SF	—	CMP 25392-000-100 Compact Rainbow Dynamic Series IV Model DSF DFML-25C SINGLE	25392-000-100	—	—
PRB25SF-PAIR	—	Dynamic Series IV, Model DSF, DFML-25C, Waterway	817-5010, 17-2464, R173433	—	—
PRB25SF-JH-PAIR	—	Dynamic Series IV, Model DSF, DFML-25C, Waterway	817-5010, 17-2464, R173433	C-4405	FC-2387
PRB35-IN*	ULTRA-S7	Dynamic Series IV - DFM, DFML, Waterway 35, In-Line	03FIL1300, 17-2482, 25393, 303557, 817-3501, R173431	C-4335	FC-2385
PRB50-IN*	ULTRA-S5	Dynamic Series IV - DFM, DFML, Series II & III RTL/RCF-50, Series I RDC-50, RDC-50S, Waterway, Custom Molded Products	03FIL1600, 17-2380, RTL-50, 100533, 6540-471, 25391, 817-5000, R173434	C-4950	FC-2390
PRB75	—	Dynamic Series V-DSC-75, Series II & III RTL/RCF-75, Custom Molded Products	17-2632, RTL-75, 25390, R173435	C-4975	FC-2395
PSANT20P3	—	Futura Spa (Strong Industries)	—	4CH-925	FC-0126
PSANT20P4	—	Futura Spa (Strong Industries)	—	—	—
PSD85-2002	—	Sundance Microclean	6540-501	C-8380	FC-2810
PSD125-2000	—	Sundance Double End 120	6540-488	C-8326	FC-2780
PSD125U	—	Sundance Horizontal Spa Cartridge	6540-490	C-8325	FC-2790
PSG13.5-XP4	—	Saratoga Spas, No Adaptor	303575	—	FC-0185
PSG27.5-XP4	—	Saratoga Spas Circulation Pump, No Adapter	—	—	—
PSG31-XP4	—	Saratoga Spas	—	—	—
PSR50	—	Sta-Rite Posi-Flo 50GPM-TX, 50TX, 50TXR, T-50TX, T-50TXR, II PTM50, open w/12 concentric slots	WC108-562SX	UHD-SR50	FC-2530
PSR70	—	Sta-Rite Posi-Flo II PTM70, T-70TX, T-70TXR, 70GPM-TX, 70TX, 70TXR, open w/12 concentric slots	WC108-572SX	UHD-SR70	FC-2540
PSR100	—	Sta-Rite Posi-Flo 100GPM-TX, 100TX, 100TXR, II PTM100, T-100TX, T-100TXR open w/12 concentric slots	WC108-58S2X	UHD-SR100	FC-2550
PSR135	—	Sta-Rite Posi-Flo T-135TX, open w/12 concentric slots	WC108-59S2X	UHD-SR135	FC-2560
PSR137	—	Sta-Rite Posi-Flo II, PTM 135, 35 TX, 35 TXR, open w/12 concentric slots	WC108-70S2X	UHD-SR137	FC-2570

PLEATCO ADVANCED™ FILTER CARTRIDGES (CONT'D)

POOL AND SPA REPLACEMENT CARTRIDGES

Indicates discontinued item # (*) - see ULTRA Replacement

Item #	ULTRA Replacement	Description	Mfr #	Unicel	Filbur
PTL47W-P4	—	Advanced/LA Spas; Aber Hottub	03FIL1500	6CH-47	FC-0315
PTL100-XP	—	Lake Filter Cartridge, No Adaptor	—	—	—
PVAC100*	ULTRA-D6	Vak Pak/ Airwick/ Heldor/ Dynapure 100SF	—	C-9999	FC-3106
PVT25N-P4	—	Vita Spa 179192	—		FC-0186
PWK30*	ULTRA-S12	Watkins Hot Spring Spas	31489	C-6330	FC-3915
PWK35B	—	Watkins Hot Spring Spas	1642301-1	—	—
PWK65	—	Watkins Hot Spring Spas upgrade from PWK45N	31114	C-8465	FC-3960
PWW10	—	Waterway Skim Filter 10	817-0010, 10146949, 25249, 378900	C-4310	FC-3077
PWW25L	—	Waterway Teleweir 25	—	4CH-926	—
PWW35L	—	Waterway Teleweir 35 SF	817-4035	4CH-935	—
PWW50P3	ULTRA-S13	Waterway Front Access Skimmer (2 required)	817-0050, 03FIL1400, 25252, 378902, PWW50	6CH-940	FC-0359
PWW50P4	—	Waterway Front Access Skimmer	—	—	—
PWW50L	—	Waterway Teleweir 50	817-4050	4CH-949	FC-0172
PWW75	—	Waterway Pool 75, Leisure Bay WW-50	817-0075, 111831	C-9401	FC-2960
PWW100	—	Waterway Pool 100, Leisure Bay WW-100	817-0100, 111832	C-9402	FC-2965
PWW100P3-SET	—	Waterway Front Access Skim, 2 Elements Stack	817-0011 / 817-0012, 25253, 25254	6CH-941 / 6CH-942	FC-0360
PWW150*	ULTRA-C8	Waterway Pool 150, Leisure Bay WW-150	817-0150, 111833	C-9403	FC-2969
PWWCT150*	ULTRA-B3	Waterway Clearwater II 150, Pro-Clean 150, Hayward X-Stream CC1500, Jandy CS150	817-0150N, R0462300, CCX1500-RE	—	FC-1287
PWWCT200*	ULTRA-B10	Waterway Clearwater II 200 ctdge, p/n 817-0200N	817-0200N	C-8419	FC-1288
PWWEK150	—	Waterway Eco-Kleer 150	817-1150	C-9450	—
PWWEK200	—	Waterway Eco-Kleer 200	817-1200	C-9489	—
PWWPC150B*	ULTRA-B5	Waterway Proclean 125, 150 (2006 and prior), Sta-Rite Posi Clear PXC-125,150, open w/molded gasket	817-0125P, 817-0150P, 25230-0150S, 25230-0125S	C-8416	—
PWWPC150SV*	ULTRA-B7	Waterway Proclean Inground pool 150 (short version)	—	—	—
PXST175	—	Hayward X-Stream CC1750	CCX1750-RE, 817-0150N	C-8317	—
PXST200	—	Hayward X-Stream 200	CCX2000RE, 817-0200N	C-8319	—

Check out the Pleatco Filter Cartridge Finder for quick access to find the right cartridges on-the-go: www.pentair.com/filterfinder

FILTER CARTRIDGES BY MEASUREMENT

LOCATE THE PROPER REPLACEMENT BY MEASUREMENT

Item #	ULTRA Replacement	Description	Outer Diameter	Length	Top Hole	Bottom Hole	oz/yd2 Media Weight	Media Sq. Feet	Application	Pack #
2 INCH REPLACMENT FILTER CARTRIDGES										
PH6	—	American, Harmsco ST/6, Pac-Fab, Premier, Rainbow, Swimquip 6, SwimRite, Universal Six	2 3/4"	9 3/4"	1 1/16"	1 1/16"	4	6	Pool	28
PRB12L-4	—	Standard & High SF Module Filters (MX Series), Lifeguard CL 29, CL29x, Rainbow	2 7/8"	29 1/4"	1 1/16"	1 1/16"	4	13	Spa	18
4 INCH REPLACMENT FILTER CARTRIDGES										
PWW10	—	Waterway Skim Filter 10	4 1/4"	4"	2 1/16"	2 1/16"	3	10	Spa	12
PVT25N-P4	—	Vita Spa 179192	4 3/8"	7 5/8"	Closed	1 1/2" MPT	3	25	Spa	6
PA225*	ULTRA-D7	Hayward MicroStar-Clear C225, C200, C120 (in-line), American Commander II	4 5/8"	11 7/8"	2 1/16"	2 1/16"	4	25	Pool	6
ULTRA-D7	—	Upgrade for: PA225	4 5/8"	11 7/8"	2 1/16"	2 1/16"	4	Optimized	Pool	8
PGS25P4	—	After Hours Spas, Nemco Spas, Threaded 25, Top Load	4 5/8"	9 3/4"	Handle	1 1/2" MPT	3	25	Spa	6
PDM25P4*	ULTRA-S1	Dream Maker Spas	4 3/4"	8 1/8"	Handle	1 1/2" MPT	3	25	Spa	6
ULTRA-S1	—	Upgrade for: PDM25P4	4 3/4"	8 1/8"	Handle	1 1/2" MPT	3	Optimized	Spa	6
PMA20-F2M	—	Master Spas Contractor Series (CS) 415	4 3/4"	8 1/16"	Handle	2" MPT	3	20	Spa	6
PSANT20P3	—	Futura Spa (Strong Industries)	4 3/4"	7 1/16"	Handle	1 1/2" SAE	3	20	Spa	6
PSANT20P4	—	Futura Spa (Strong Industries)	4 3/4"	7 1/16"	Handle	1 1/2" MPT	3	20	Spa	6
PSG13.5-XP4	—	Saratoga Spas, No Adaptor	4 3/4"	5 15/16"	Handle	1.90" Keyed	3	14	Spa	6
PSG27.5-XP4	—	Saratoga Spas Circulation Pump, No Adapter	4 3/4"	11 3/8"	Handle	1.90" Keyed	3	28	Spa	6
PSG31-XP4	—	Saratoga Spas	4 3/4"	17 1/2"	Handle	1 1/2" MPT	3	31	Spa	6
5 INCH REPLACMENT FILTER CARTRIDGES										
DSF25-50	—	Nemco 30	5"	10 3/8 "	2 1/8"	2 1/8"	3	35	Spa	6
PJ15-IN-4	—	Jacuzzi CFR/CFT 15	5"	13 1/4"	2 3/8"	2 3/8"	4	15	Spa	6
PJ25-IN-4	—	Jacuzzi CFR/CFT 25, 37	5"	13 1/4"	2 3/8"	2 3/8"	4	25	Spa	6
PRB25-IN*	ULTRA-S5	Dynamic Series I RDC-25, I RDC-25S, Dynamic Series II & II RTL/RCF-25, Dynamic Series IV-DFM, DFML, Waterway 25 In-Line, Custom Molded Products	5"	13 5/16"	2 1/8"	2 1/8"	3	25	Spa	6
PRB25-IN-4*	ULTRA-S5	Dynamic Series II & III - RTL/RCF, Series I - Model RDC, Series IV - DFM, DFML, Waterway	5"	13 5/16"	2 1/8"	2 1/8"	4	25	Spa	6
PRB25SF	—	CMP 25392-000-100 Compact Rainbow Dynamic Series IV Model DSF DFML-25C SINGLE	5"	6 5/8"	2 1/8"	2 1/8"	3	25	Spa	12
PRB25SF-PAIR	—	Dynamic Series IV, Model DSF, DFML-25C, Waterway	5"	6 5/8"	2 1/8"	2 1/8"	3	50	Spa	6
PRB25SF-JH-PAIR	—	Dynamic Series IV, Model DSF, DFML-25C, Waterway	5"	6 5/8"	2 1/8"	2 1/8"	3	50	Spa	6
PRB35-IN*	ULTRA-S7	Dynamic Series IV - DFM, DFML, Waterway 35, In-Line	5"	9 1/4"	2 1/8"	2 1/8"	3	35	Spa	6
ULTRA-S7	—	Upgrade for: PRB35-IN	5"	9 1/4	2 1/8	2 1/8	3	Optimized	Spa	6
PRB50-IN*	ULTRA-S5	Dynamic Series IV - DFM, DFML, Series II & III RTL/RCF-50, Series I RDC-50, RDC-50S, Waterway, Custom Molded Products	5"	13 5/16"	2 1/8"	2 1/8"	3	50	Spa	6
ULTRA-S5	—	Upgrade for: PRB50-IN, PRB25-IN, PRB25-IN-4, PRB37-IN	5"	13 5/16	2 1/8"	2 1/8"	3	Optimized	Spa	6
PRB75	—	Dynamic Series V-DSC-75, Series II & III RTL/RCF-75, Custom Molded Products	5"	20 1/8"	2 1/8"	2 1/8"	3	75	Spa	5
PWW25L	—	Waterway Teleweir 25	5"	13 3/16"	Handle	1 1/2" FEMALE SAE	3	25	Spa	6
PWW35L	—	Waterway Teleweir 35 SF	5"	8 1/2"	Handle	1 1/2" FEMALE SAE	3	35	Spa	6
ULTRA-S6	—	Upgrade for: PWW35L	5"	8 1/2"	Handle	1 1/2" FEMALE SAE	3	Optimized	Spa	5
PWW50L	—	Waterway Teleweir 50	5"	13 3/16"	Handle	1 1/2" FEMALE SAE	3	50	Spa	6
PTL100-XP	—	Lake Filter Cartridge, No Adaptor	5 1/8"	26 1/2"	Handle	1.90" Slip	3	100	Spa	5
PCAL60-F2M	—	Cal Spa Victory 60	5 3/16"	16"	Handle	2" MPT	3	60	Spa	5
PPR75	—	Premier Maxi Sweep, (3 or 4 required)	5 3/16"	23 1/4"	1 5/8"	1 5/8"	4	75	Pool	5
PFF42TC-P4	—	Freeflow 2013 - current	5 1/4"	9 3/8"	Closed - String Handle	1 1/2" MPT	3	42	Spa	6
PPM35SC-F2M	—	Pacific Marquis Spas, Cal Spas Low Flow Recirc 36SF	5 1/4"	12 3/16"	Handle	2" MPT	3	35	Spa	6
PPM50SC-F2M	—	Pacific Marquis Spas, Cal Spas Low Flow Recirc 48SF	5 1/4"	12 3/16"	Handle	2" MPT	3	50	Spa	6
PFF50P4	—	Freeflow Spas Legend	5 5/16"	10"	2 1/8"	1 1/2" MPT	3	50	Spa	6
PLBS50*	ULTRA-S10	Leisure Bay, Dynasty Spas, Waterway, Rainbow	5 5/16"	10 1/8"	2 1/8"	2 1/8"	3	50	Spa	6
ULTRA-S10	—	Upgrade for: PLBS50	5 5/16	10 1/8	2 1/8"	2 1/8"	3	Optimized	Spa	6
PLBS75	—	Rainbow, Waterway, Leisure Bay, S2/G2 Spa 75	5 5/16"	14 3/4"	2 1/8"	2 1/8"	3	75	Spa	4
PLBS100	—	Rainbow, Waterway, Leisure Bay, S2/G2 Spa 100	5 5/16"	17 3/4"	2 1/8"	2 1/8"	3	100	Spa	4

FILTER CARTRIDGES BY MEASUREMENT (CONT'D)

LOCATE THE PROPER REPLACEMENT BY MEASUREMENT

Item #	ULTRA Replacement	Description	Outer Diameter	Length	Top Hole	Bottom Hole	oz/yd2 Media Weight	Media Sq. Feet	Application	Pack #
PCST80	—	Coast Spas Top load (in-line) 100, Waterway Plastics	5 3/8"	21 5/16"	2 1/8"	2 1/8"	3	80	Spa	4
PCST120	—	Coast Spas Top load (in-line) 135, Waterway Plastics	5 3/8"	30 1/8"	2 1/8"	2 1/8"	3	120	Spa	4
PLAS20	—	LA Spas sock filter substitute	5 3/8"	7"	Handle	3" MPT	3	20	Spa	6
PLAS35	—	LA Spas replacement for bag filter	5 3/8"	8 9/16"	Handle	3" MPT	3	35	Spa	6
PJW23	—	Jacuzzi Aero, Caressa, C/top	5 11/16"	10 3/8"	Loop with String Handle	2 1/8"	3	23	Spa	6
PJW50	—	Jacuzzi Whirlpool 50, C/top, Front Load	5 11/16"	10 3/8"	Loop with String Handle	2 1/8"	3	50	Spa	6
PMAX50P3	—	Maax Spas of Canada	5 3/4"	8"	Handle	1 1/2" SAE	3	50	Spa	6
PMAX50P4	ULTRA-S11	Maax Spas of Canada	5 3/4"	8"	Handle	1 1/2" MPT	3	50	Spa	6
ULTRA-S11	—	Upgrade for: PMAX50P4	5 3/4"	8"	Handle	1 1/2" MPT	3	Optimized	Spa	6
PWK30*	ULTRA-S12	Watkins Hot Spring Spas	5 7/8"	10 1/2"	1 15/16"	1 15/16"	3	30	Spa	5
ULTRA-S12	—	Upgrade for: PWK30	5 7/8"	10 1/2"	1 15/16"	1 15/16"	3	Optimized	Spa	5
6 INCH REPLACMENT FILTER CARTRIDGES										
PAS40-F2M	—	New Artesian 6" D Spa	6"	7 5/8"	Handle	2" MPT	3	40	Spa	6
PMA40L-F2M	—	Master Spas Twilight	6"	9 1/4"	Handle	2" MPT	3	40	Spa	6
PPG50P4	—	Top Load, Sunrise Modification	6"	8"	Handle	1 1/2" MPT	3	50	Spa	6
PTL47W-P4	—	Advanced/LA Spas; Aber Hottub	6"	8 1/2"	Handle	1 1/2" MPT	3	47	Spa	6
PWW50P3	ULTRA-S13	Waterway Front Access Skimmer (2 required)	6"	7 5/8"	Handle	1 1/2" SAE	3	50	Spa	6
PWW50P4	—	Waterway Front Access Skimmer	6"	7 5/8"	Handle	1 1/2" MPT	3	50	Spa	6
PWW100P3-SET	—	Waterway Front Access Skim, 2 Elements Stack	6"	16 1/2"	Handle	1 1/2" SAE	3	100	Spa	3
ULTRA-S13	—	Upgrade for: PWW25P3, PWW35P3, PWW50P3	6"	7 5/8"	Handle	1 1/2" SAE	3	Optimized	Spa	6
PWK35B	—	Watkins Hot Spring Spas	6 3/8"	14"	1 15/16"	1 15/16"	3	35	Spa	2
PJW60TL-F2S	—	Jacuzzi Premium J-300, J400	6 5/8"	14 7/8"	Handle	2" SAE	3	60	Spa	2
PJW60TL-OT-F2S	—	Jacuzzi Premium J-300, J400 (injection molded handle not included)	6 5/8"	15 1/2"	Open Top	2" SAE	3	60	Spa	2
PAS50SV-F2M	—	Artesian Spas 50	6 3/4"	8"	Handle	2" MPT	3	50	Spa	3
7 INCH REPLACMENT FILTER CARTRIDGES										
PA25*	ULTRA-A16	Hayward, Star-Clear C250, open w/molded gasket	7"	9 11/16"	3"	3"	4	25	Pool	4
ULTRA-A16	—	Upgrade for: PA25, PCM25, PCM35	7"	9 11/16"	3"	3"	4	Optimized	Pool	1
PA40	—	Hayward Easy Clear C400, C-410, open w/molded gasket	7"	14 1/16"	3"	3"	4	40	Pool	4
PA50*	ULTRA-A11	Hayward Star-Clear C500, Hayward Easy Clear C550, Pentair Purex CF-50, open/w molded gasket	7"	19 3/4"	3"	3"	4	50	Pool	1
ULTRA-A11	—	Upgrade for: PA55, PA50	7"	19 3/4"	3"	3"	4	Optimized	Pool	1
PA56L-PAK4	—	Hayward SwimClear C2030	7"	17 3/8"	3"	3"	4	224	Pool	1 (4pcs)
PA75*	ULTRA-A12	Hayward Star-Clear C750, Waterway Clearwater II 75, Waterway Pro-Clean 75, open w/molded gasket	7"	29 3/8"	3"	3"	4	75	Pool	1
PA81*	ULTRA-A3	Hayward SwimClear C3030, C3025, C3020, Hayward Super-Star-Clear C3000, C3000S (stainless steel), Hayward C-570, Sta-Rite PRC 75, open w/molded gasket	7"	19 5/8"	3"	3"	4	81	Pool	1
PA81-PAK4*	ULTRA-A3-PAK4	Hayward SwimClear C3030, C3025, C3020, Hayward Super-Star-Clear C3000, C3000S (stainless steel), open w/molded gasket (Set of 4)	7"	19 5/8"	3"	3"	4	325	Pool	1 (4 pcs)
ULTRA-A3	—	Upgrade for: PA81, PA75SV	7"	19 5/8"	3"	3"	4	Optimized	Pool	1
ULTRA-A3-PAK4	—	Upgrade for: PA81, PA75SV	7"	19 5/8"	3"	3"	4	Optimized	Pool	1 (4 pcs)
PA89	ULTRA-A15	Hayward Swim Clear C7030, HCF7030, HCF7030C	7"	19 1/8"	3"	3"	4	90	Pool	1
ULTRA-A15-PAK4	—	Upgrade for: PA89-PAK4	7"	19 1/8"	3"	3"	4	Optimized	Pool	1 (4 pcs)
PA106*	ULTRA-A1	Hayward SwimClear C4030, C4025, C4020, C4520, Hayward Super-Star-Clear C4500, C4000, C4000S (stainless steel), Pentair Purex CF 105, open w/molded gasket	7"	25 1/2"	3"	3"	4	106	Pool	1
PA106-PAK4*	ULTRA-A1-PAK4	Hayward SwimClear C4030, C4025, C4020, C4520, Hayward Super-Star-Clear C4500, C4000, C4000S (stainless steel), Pentair Purex CF 105, open w/molded gasket (Set of 4)	7"	25 1/2 "	3"	3"	4	425	Pool	1 (4 pcs)
ULTRA-A1	—	Upgrade for: PA106, PA100N, PA112	7"	25 1/2"	3"	3"	4	Optimized	Pool	1
ULTRA-A1-PAK4	—	Upgrade for: PA106, PA100N, PA112	7"	25 1/2"	3"	3"	4	Optimized	Pool	1 (4 pcs)
PA131*	ULTRA-A2	Hayward SwimClear C5030, C5025, C5020, Hayward Super-Star-Clear C5000, open w/molded gasket	7"	32 3/4"	3"	3"	4	131	Pool	1
PA131-PAK4*	ULTRA-A2-PAK4	Hayward SwimClear C5030, C5025, C5020, Hayward Super-Star-Clear C5000, open w/molded gasket (Set of 4)	7"	32 3/4"	3"	3"	4	524	Pool	1 (4 pcs)
PA137*	ULTRA-A2	Hayward Super-Star-Clear C5500 SwimClear C5520, open w/molded gasket	7"	32 3/4 "	3"	3"	4	137	Pool	1
PA137-PAK4*	ULTRA-A2-PAK4	Hayward Super-Star-Clear C5500 SwimClear C5520, open w/molded gasket	7"	32 3/4 "	3"	3"	4	548	Pool	1 (4 pcs)
ULTRA-A2	—	Upgrade for: PA137, PA126, PA131	7"	32 13/16"	3"	3"	4	Optimized	Pool	1
ULTRA-A2-PAK4	—	Upgrade for: PA137, PA126, PA131	7"	32 13/16"	3"	3"	4	Optimized	Pool	1 (4 pcs)

FILTER CARTRIDGES BY MEASUREMENT (CONT'D)

LOCATE THE PROPER REPLACEMENT BY MEASUREMENT

Item #	ULTRA Replacement	Description	Outer Diameter	Length	Top Hole	Bottom Hole	oz/yd2 Media Weight	Media Sq. Feet	Application	Pack #
PBH50	—	Baker Hydro HM 50	7"	19 5/8"	Swivel Handle	2" Black Slip fitting	4	50	Pool	2
PCC60*	ULTRA-A4	Pentair Clean & Clear Plus 240, Hayward SwimClear C2025, C2020, Hayward Super-Star-Clear C2000, Sta-Rite PRC 50, American Quantum	7"	14 1/8"	3"	3"	4	60	Pool	1
PCC60-PAK4*	ULTRA-A4-PAK4	Pentair Clean & Clear Plus 240, Hayward SwimClear C2025, C2020, Hayward Super-Star-Clear C2000, Sta-Rite PRC 50, American Quantum, (Set of 4)	7"	14 1/8"	3"	3"	4	240	Pool	1 (4 pcs)
ULTRA-A4	—	Upgrade for: PA56SV, PCC60	7"	14 3/16"	3"	3"	4	Optimized	Pool	1
ULTRA-A4-PAK4	—	Upgrade for: PA56SV, PCC60	7"	14 3/16"	3"	3"	4	Optimized	Pool	1 (4 pcs)
PCC80*	ULTRA-A5	Pentair Clean & Clear Plus 320, Waterway Crystal Water 325 (4 required)	7"	20 1/16"	3"	3"	4	80	Pool	1
PCC80-PAK4*	ULTRA-A5-PAK4	Pentair Clean & Clear Plus 320, Waterway Cryatal Water 325 (Set of 4)	7"	20 1/16"	3"	3"	4	320	Pool	1 (4 pcs)
ULTRA-A5	—	Upgrade for: PCC80, Pentair Clean & Clear Plus 320	7"	20 1/16"	3"	3"	4	Optimized	Pool	1
ULTRA-A5-PAK4	—	Upgrade for: PCC80,Pentair Clean & Clear Plus 320	7"	20 1/16"	3"	3"	4	Optimized	Pool	1 (4 pcs)
PCC105*	ULTRA-A6	Pentair Clean & Clear Plus 420, 520 (pre 1998), American Quantum CM & RPM 125/500, Waterway Crystal Water 425 (4 required)	7"	26"	3"	3"	4	105	Pool	
PCC105-PAK4*	ULTRA-A6-PAK4	Pentair Clean & Clear Plus 420, 520 (pre 1998), American Quantum CM & RPM 125/500, Waterway Crystal Water 425 (Set of 4)	7"	26"	3"	3"	4	420	Pool	1 (4 pcs)
ULTRA-A6	—	Upgrade for: PCC105, Pentair Clean & Clear Plus 420	7"	26"	3"	3"	4	Optimized	Pool	1
ULTRA-A6-PAK4	—	Upgrade for: PCC105, Pentair Clean & Clear Plus 420	7"	26"	3"	3"	4	Optimized	Pool	1 (4 pcs)
PCC130*	ULTRA-A7	Pentair Clean & Clear Plus 520	7"	32"	3"	3"	4	130	Pool	1
PCC130-PAK4*	ULTRA-A7-PAK4	Pentair Clean & Clear Plus 520, Waterway Crystal Water	7"	32"	3"	3"	4	520	Pool	1 (4 pcs)
ULTRA-A7	—	Upgrade for: PCC130, Pentair Clean & Clear Plus 520	7"	32"	3"	3"	4	Optimized	Pool	
ULTRA-A7-PAK4	—	Upgrade for: PCC130, Pentair Clean & Clear Plus 520	7"	32"	3"	3"	4	Optimized	Pool	1 (4 pcs)
ULTRA-A18	—	Upgrade for: PCC155, Pentair FullFlo XF C620	7"	32"	3"	3"	4	Optimized	Pool	1
ULTRA-A18-PAK4	—	Upgrade for: PCC155-PAK4, Pentair FullFlo XF C620	7"	32"	3"	3"	4	Optimized	Pool	1 (4 pcs)
PCD50N	—	Caldera 50 (new style)	7"	10 3/4"	Swivel Handle	2 11/16"	3	50	Spa	2
PCD75N	—	Caldera 75 (new style)	7"	14 7/8"	Swivel Handle	2 11/16"	3	75	Spa	2
PCM88	—	American Quantum Stainless Steel, Quantum RPM, Quantum CM, (4 required)	7"	16 1/2"	3"	3"	4	88	Pool	2
PCM100SV*	ULTRA-A12	American Commander 100, Hayward Star-Clear 100, Hercules II, 100	7"	29 3/8"	3"	3"	4	100	Pool	2
ULTRA-A12	—	Upgrade for: PCM100SV, PA75	7"	29 3/8"	3"	3"	4	Optimized	Pool	1
PPC50	—	Sta-Rite Posi-clean FCP50, TXC50, TXC50B, FCP50B, FCP100, TXC 100	7"	19 7/16"	3"	3"	4	50	Pool	2
PPCO90	—	Poolco 90	7"	19 5/8"	3"	3"	4	90	Pool	2
PPCO100*	—	Poolco 100	7"	25 1/4"	3"	3"	4	100	Pool	2
PPCO120	—	Poolco 120	7"	25 1/4"	3"	3"	4	120	Pool	2
PAS35-F2M	ULTRA-S19	Artesian Top Load Spa (Coleman)	7 1/8"	7 9/16"	Handle	2" MPT	3	35	Spa	3
PAS50-F2M	—	Upgrade to Newer Artesian Spas	7 1/8"	7 9/16"	Handle	2" MPT	3	50	Spa	3
PJAN85*	ULTRA-A8	Jandy Industries CL340, CV340	7 1/8"	26 15/16"	3"	3"	4	85	Pool	1
PJAN85-PAK4*	ULTRA-A8-PAK4	Jandy Industries CL340, CV340	7 1/8"	26 15/16"	3"	3"	4	340	Pool	1 (4 pcs)
ULTRA-A8	—	Upgrade for: PJAN85	7 1/8"	26 15/16"	3"	3"	4	Optimized	Pool	1
ULTRA-A8-PAK4	—	Upgrade for: PJAN85	7 1/8"	26 15/16"	3"	3"	4	Optimized	Pool	1 (4 pcs)
PJAN115*	ULTRA-A9	Jandy Industries CL460, CV460	7 1/8"	26 15/16"	3"	3"	4	115	Pool	1
PJAN115-PAK4*	ULTRA-A9-PAK4	Jandy Industries CL460, CV460	7 1/8"	26 15/16"	3"	3"	4	460	Pool	1 (4 pcs)
ULTRA-A9	—	Upgrade for: PJAN115	7 1/8"	26 15/16"	3"	3"	4	Optimized	Pool	1
ULTRA-A9-PAK4	—	Upgrade for: PJAN115	7 1/8"	26 15/16"	3"	3"	4	Optimized	Pool	1 (4 pcs)
PJAN145*	ULTRA-A10	Jandy Industries CL580, CV580	7 1/8"	32 7/8"	3"	3"	4	145	Pool	1
PJAN145-PAK4*	ULTRA-A10-PAK4	Jandy Industries CL580, CV580	7 1/8"	32 7/8"	3"	3"	4	580	Pool	1 (4 pcs)
ULTRA-A10	—	Upgrade for: PJAN145	7 1/8"	32 7/8"	3"	3"	4	Optimized	Pool	1
ULTRA-A10-PAK4	—	Upgrade for: PJAN145	7 1/8"	32 7/8"	3"	3"	4	Optimized	Pool	1 (4 pcs)
PMA40-F2M	—	Master Spas Legacy / Freedom	7 1/8 "	7 3/16"	Handle	2" MPT	3	40	Spa	4
ULTRA-S19	—	Upgrade for: PAS35-F2M	7 1/8 "	7 9/16"	Handle	2" MPT	3	Optimized	Spa	3
PDO75-2000	—	Dimension One 75, @Home Hot Tubs (open w/twist lock)	7 1/4 "	10 5/8"	Castle Top	Special Lock Bottom	3	75	Spa	4
PH105	—	Harmsco Tropic Flo 100, BF100SC	7 3/4 "	19 1/2"	2 5/8 "	3" FPT	4	105	Pool	2
PH155	—	Harmsco Tropic Flo 150, BF155SC	7 3/4 "	29 1/16"	2 5/8 "	3" FPT	4	155	Pool	2
PFAB50*	ULTRA-D8	Pentair / Pac Fab Mytilus FMY 50	7 7/8"	11 1/8"	3 1/16"	3 1/16"	4	50	Pool	4
PFAB60*	ULTRA-D9	Pentair / Pac Fab Mytilus-B 60 GPM MY 60, Mitra 60 GPM MA-60/160, Mytilus 60 60 GPM MY 60, Mytilus-B 140 GPM MY 140 (2 required), Wet Institute Modufilter M-180 (3 required)	7 7/8"	14 1/16"	3 1/16"	3 1/16"	4	60	Pool	4
ULTRA-D9	—	Upgrade for: PFAB60	7 7/8"	14 1/16"	3 1/16"	3 1/16"	4	Optimized	Pool	2

FILTER CARTRIDGES BY MEASUREMENT (CONT'D)

LOCATE THE PROPER REPLACEMENT BY MEASUREMENT

Item #	ULTRA Replacement	Description	Outer Diameter	Length	Top Hole	Bottom Hole	oz/yd2 Media Weight	Media Sq. Feet	Application	Pack #
PFAB80*	ULTRA-D10	Pentair / Pac Fab Mytilus 80 80 GPM MY 80, Mitra 80 GPM MA-80, Mytilus-B GPM MY 80, Mytilus FMY 80	7 7/8"	22 1/8"	3 1/16"	3 1/16"	4	80	Pool	2
PFAB100*	ULTRA-D10	Pentair / Pac Fab Mytilus B 100 GPM MA-100/160, Mitlus FMY 100, Mytilus 100 GPM MY 100, Mitra 100 GPM MA-100-160, Wet Institute Modufilter M-330 (3 required)	7 7/8"	22 1/8"	3 1/16"	3 1/16"	4	100	Pool	2
ULTRA-D10	—	Upgrade for: PFAB80, PFAB100	7 7/8"	22 1/8"	3 1/16"	3 1/16"	3	Optimized	Spa	1
PFAB150	—	Pentair / Pac Fab My 150, GPM Pac-Fab, Mytilus FMY150	7 7/8"	33 3/8"	3 1/16"	3 1/16"	4	150	Pool	1
8 INCH REPLACMENT FILTER CARTRIDGES										
PBF35	—	Bullfrog 35, 2003-2012 (short thread)	8"	5 7/8"	Handle	2" modified ACME	3	35	Spa	4
PBF36	—	Bullfrog 35, 2013-2017 (long thread)	8"	5 7/8"	Handle	2" long modified ACME	3	35	Spa	4
PBF40	—	Bullfrog 30 coreless, 2017-Current	8"	6 1/4"	3 3/8"	4 1/2"	3	30	Spa	4
PCD100W	—	Caldera 100	8"	16 1/2"	Handle	3 5/8 "	3	100	Spa	2
PCS50N	—	Coleman Spas 50	8"	9"	2 1/8"	2" Slip	3	50	Spa	2
PCS75N	—	Coleman Spas 75	8"	13"	2 1/8"	2" Slip	3	75	Spa	2
PMA45-2004-R	—	Master Spas EP (new style)	8 1/4"	6 7/8"	4 1/16"	4 1/16"	3	45	Spa	4
PA80*	ULTRA-D2	Hayward Star-Clear II C800 Star-Clear II C1500, open w/molded gasket	8 1/2"	17 3/8"	4"	4"	4	75	Pool	1
PA100*	ULTRA-D1	Hayward Star-Clear II C1100, open w/ molded gasket	8 1/2"	23 1/8"	4"	4"	4	100	Pool	1
PSD85-2002	—	Sundance Microclean	8 1/2"	14"	2" SAE (Closed)	2 3/4" beveled edge	3	85	Spa	1
PSD125-2000	—	Sundance Double End 120	8 1/2"	19"	2 3/16 Slip	2 3/4" beveled edge	3	125	Spa	1
PSD125U	—	Sundance Horizontal Spa Cartridge	8 1/2"	17 3/4"	Multi-level Castle	2 3/4" beveled edge	3	125	Spa	1
PWK65	—	Watkins Hot Spring Spas upgrade from PWK45N	8 1/2"	10 1/2"	3"	3"	3	65	Spa	2
ULTRA-D1	—	Upgrade for: PA100	8 1/2"	23 1/8"	6"	6"	4	Optimized	Pool	1
ULTRA-D2	—	Upgrade for: PA80	8 1/2"	17 3/8"	6"	6"	4	Optimized	Pool	1
ULTRA-S16	—	Upgrade for: PWK45N, PWK65	8 1/2"	10 1/2"	"	3"	3	Optimized	Spa	2
PSR50	—	Sta-Rite Posi-Flo 50GPM-TX, 50TX, 50TXR, T-50TX, T-50TXR, II PTM50, open w/12 concentric slots	8 11/16"	13 5/16"	4 3/16"	4 3/16"	4	50	Pool	1
PSR70	—	Sta-Rite Posi-Flo II PTM70, T-70TX, T-70TXR, 70GPM-TX, 70TX, 70TXR, open w/12 concentric slots	8 11/16"	18 3/16"	4 3/16"	4 3/16"	4	70	Pool	1
PSR100	—	Sta-Rite Posi-Flo 100GPM-TX, 100TX, 100TXR, II PTM100, T-100TX, T-100TXR open w/12 concentric slots	8 11/16"	25 11/16"	4 3/16"	4 3/16"	4	100	Pool	1
PSR135	—	Sta-Rite Posi-Flo T-135TX, open w/12 concentric slots	8 11/16"	34 1/2 "	4 3/16"	4 3/16"	4	135	Pool	1
PSR137	—	Sta-Rite Posi-Flo II, PTM 135, 35 TX, 35 TXR, open w/12 concentric slots	8 11/16"	31 1/4"	4 3/16"	4 3/16"	4	137	Pool	1
PA76*	ULTRA-B6	Hayward C751, Sta-Rite PXC-75, Waterway Clearwater II 75, Waterway Pro-Clean 75, open w/molded gasket	8 15/16"	17 3/8"	4"	4"	4	75	Pool	1
PA90*	ULTRA-B6	Hayward Star-Clear Plus C900, Hayward X-Stream CC100, Sta-Rite PXC-95, Waterway Clearwater II 100, Waterway Pro-Clean 100, open w/molded gasket	8 15/16"	17 3/8"	4"	4"	4	90	Pool	1
PA120*	ULTRA-B2	Hayward Star-Clear Plus C1200, Waterway Clearwater II 125, Waterway Pro-Clean 125	8 15/16"	23 1/4 "	4"	4"	4	120	Pool	1
PA125	ULTRA-B8	Hayward ASL Full-Flo C1250, C1500	8 15/16"	19 5/8"	3"	3"	4	125	Pool	1
PA175*	ULTRA-B4	Hayward Star-Clear Plus C1750, C1900, Sta-Rite PXC-175, Waterway Proclean 175, 200, open w/molded gasket	8 15/16"	28 3/16"	4"	4"	4	175	Pool	1
PJANCS200*	ULTRA-B9	Jandy Industries CS 200	8 15/16"	33 1/8"	4"	4"	4	200	Pool	1
PJANCS250	—	Jandy Industries CS 250	8 15/16"	33 1/8"	4"	4"	4	250	Pool	1
PWWCT150*	ULTRA-B3	Waterway Clearwater II 150, Pro-Clean 150, Hayward X-Stream CC1500, Jandy CS150	8 15/16"	23 1/4"	4"	4"	4	150	Pool	1
PWWCT200*	ULTRA-B10	Waterway Clearwater II 200 ctdge, p/n 817-0200N	8 15/16"	23 1/4"	4"	4"	4	200	Pool	1
PWWPC150B*	ULTRA-B5	Waterway Proclean 125, 150 (2006 and prior), Sta-Rite Posi Clear PXC-125,150, open w/molded gasket	8 15/16"	28 1/4"	4"	4"	4	150	Pool	1
PWWPC150SV*	ULTRA-B7	Waterway Proclean Inground pool 150 (short version)	8 15/16"	17 3/8"	4"	4"	4	150	Pool	1
PXST175	—	Hayward X-Stream CC1750	8 15/16"	23 1/4"	4"	4"	4	175	Pool	1
PXST200	—	Hayward X-Stream 200	8 15/16"	29 5/16"	4"	4"	4	200	Pool	1
ULTRA-B2	—	Upgrade for: PA120, PJANCS100, PWWCT125	8 15/16"	23 1/4"	4"	4"	4	Optimized	Pool	1
ULTRA-B3	—	Upgrade for: PJANCS150, PXST150, PWWCT150	8 15/16"	23 1/4"	4"	4"	4	Optimized	Pool	1
ULTRA-B4	—	Upgrade for: PA175, PWWPC200	8 15/16"	28 3/16"	4"	4"	4	Optimized	Pool	1
ULTRA-B5	—	Upgrade for: PWWPC125B, PWWPC150B	8 15/16"	28 1/4"	4"	4"	4	Optimized	Pool	1
ULTRA-B6	—	Upgrade for: PA90, PA76, PXST100, PWWCT75, PWWCT100	8 15/16"	17 3/8"	4"	4"	4	Optimized	Pool	1

FILTER CARTRIDGES BY MEASUREMENT (CONT'D)

LOCATE THE PROPER REPLACEMENT BY MEASUREMENT

Item #	ULTRA Replacement	Description	Outer Diameter	Length	Top Hole	Bottom Hole	oz/yd2 Media Weight	Media Sq. Feet	Application	Pack #
ULTRA-B7	—	Upgrade for: PWWPC150SV, PXST125	8 15/16"	17 3/8"	4"	4"	4	Optimized	Pool	1
ULTRA-B8	—	Upgrade for: PA125	8 15/16"	19 5/8"	4"	4"	4	Optimized	Pool	1
ULTRA-B9	—	Upgrade for: PJANCS200	8 15/16"	33 1/8"	4"	4"	4	Optimized	Pool	1
ULTRA-B10	—	Upgrade for: PWWCT200	8 15/16"	23 1/4"	4"	4"	4	Optimized	Pool	1
10 INCH REPLACMENT FILTER CARTRIDGES										
PJ50*	ULTRA-C11	Jacuzzi CFR/CFT 50	10"	10"	5 15/16"	6"	4	50	Pool	2
ULTRA-C11	—	Upgrade for: PJ50	10"	10"	5 15/16"	6"	4	Optimized	Pool	1
PJ75*	ULTRA-C12	Jacuzzi CFR/CFT 75	10"	14 1/4"	5 15/16"	6"	4	75	Pool	1
ULTRA-C12	—	Upgrade for: PJ75	10"	14 1/4"	5 15/16"	6"	4	Optimized	Pool	1
PJ80	—	Jacuzzi Brothers Sherlock 80	10"	14 9/16"	Handle	6"	4	80	Pool	1
PJ100*	ULTRA-C13	Jacuzzi CFR/CFT 100	10"	19 7/8"	5 15/16"	6"	4	100	Pool	1
ULTRA-C13	—	Upgrade for: PJ100	10"	19 7/8"	5 15/16"	6"	4	Optimized	Pool	1
PJ120	—	Jacuzzi Brothers Sherlock 120	10"	20 1/2"	Handle	6"	4	120	Pool	1
PJ150*	ULTRA-C14	Jacuzzi CFR/CFT 150, 200	10"	24"	5 15/16"	6"	4	150	Pool	1
ULTRA-C14	—	Upgrade for: PJ150, PJ200	10"	24"	5 15/16"	6"	4	Optimized	Pool	1
PJ160	—	Jacuzzi Brothers Sherlock 160	10"	24 5/16"	Handle	6"	4	160	Pool	1
PJ200S	—	Jacuzzi Brothers Sherlock 200	10"	30 3/16"	Handle	6"	4	200	Pool	1
PWW75	—	Waterway Pool 75, Leisure Bay WW-50	10"	13 1/4"	6"	6"	4	75	Pool	1
PWW100	—	Waterway Pool 100, Leisure Bay WW-100	10"	19 1/4"	6"	6"	4	100	Pool	1
PWW150*	ULTRA-C8	Waterway Pool 150, Leisure Bay WW-150	10"	25 1/4"	6"	6"	4	150	Pool	1
ULTRA-C8	—	Upgrade for: PWW150	10"	23 1/8"	6"	6"	4	Optimized	Pool	1
PWWEK150	—	Waterway Eco-Kleer 150	10"	23 1/8"	6"	6"	4	150	Pool	1
PWWEK200	ULTRA-C10	Waterway Eco-Kleer 200	10"	23 1/8"	6"	6"	4	200	Pool	1
ULTRA-C10	—	Upgrade for: PWWEK200	10"	23 1/8"	6"	6"	4	Optimized	Pool	1
PAP50*	ULTRA-C1	Pentair Clean & Clear 50, Predator 50	10 1/16"	8 5/8"	6"	6"	4	50	Pool	2
ULTRA-C1	—	Upgrade for: PAP50, Pentair Clean & Clear 50	10 1/16"	8 7/8"	6"	6"	4	Optimized	Pool	1
PAP75*	ULTRA-C2	Pentair Clean & Clear 75, Predator 75, Cal Spas	10 1/16"	16 1/8"	6"	6"	4	75	Pool	1
ULTRA-C2	—	Upgrade for: PAP75, Pentair Clean & Clear 75	10 1/16"	16 1/8"	6"	6"	4	Optimized	Pool	1
PAP100*	ULTRA-C3	Pentair Clean & Clear 100, Predator 100	10 1/16"	23 5/8"	6"	6"	4	100	Pool	1
ULTRA-C3	—	Upgrade for: PAP100, Pentair Clean & Clear 100	10 1/16"	23 5/8"	6"	6"	4	Optimized	Pool	1
PAP150*	ULTRA-C4	Pentair Clean & Clear 150, Predator 150	10 1/16"	31 1/8"	6"	6"	4	150	Pool	1
ULTRA-C4	—	Upgrade for: PAP150, Pentair Clean & Clear 150	10 1/16"	31 1/8"	6"	6"	4	Optimized	Pool	1
PAP200*	ULTRA-C5	Pentair Clean & Clear 200, Predator 200	10 1/16"	31 1/8"	6"	6"	4	200	Pool	1
ULTRA-C5	—	Upgrade for: PAP175, PAP200, Pentair Clean & Clear 200	10 1/16"	31 1/8"	6"	6"	4	Optimized	Pool	1
PVAC100*	ULTRA-D6	Vak Pak/ Airwick/ Heldor/ Dynapure 100SF	10 1/16"	19 5/8"	3/8"	6"	4	100	Pool	1
ULTRA-D6	—	Upgrade for: PVAC100, PVAC150	10 1/16"	19 5/8"	3/8"	6"	4	Optimized	Pool	1
PA100S*	ULTRA-D3	Hayward SwimClear C100S	10 1/8"	19 1/2"	4"	4"	4	100	Pool	1
ULTRA-D3	—	Upgrade for: PA100S	10 1/8"	19 1/2"	4"	4"	4	Optimized	Pool	1
ULTRA-D4	—	Upgrade for: PA150S	10 1/8"	23 1/8"	4"	4"	4	Optimized	Pool	1
PA200S*	ULTRA-D5	Hayward SwimClear C200S	10 1/8"	28 3/16"	4"	4"	4	200	Pool	1
ULTRA-D5	—	Upgrade for: PA200S	10 1/8"	28 3/16"	4"	4"	4	Optimized	Pool	1

Check out the Pleatco Filter Cartridge Finder for quick access to find the right cartridges on-the-go: www.pentair.com/filterfinder

DISCONTINUED PLEATCO PART NUMBERS

REPLACEMENT PART NUMBER REFERENCE

Deactivated Part	Replacement	Year Changed
PA100	ULTRA-D1	2025
PA100S	ULTRA-D3	2025
PA106	ULTRA-A1	2025
PA106-PAK4	ULTRA-A1-PAK4	2025
PA120	ULTRA-B2	2025
PA131	ULTRA-A2	2025
PA131-PAK4	ULTRA-A2-PAK4	2025
PA137	ULTRA-A2	2025
PA137-PAK4	ULTRA-A2-PAK4	2025
PA150S	ULTRA-D4	2025
PA175	ULTRA-B4	2025
PA200S	ULTRA-D5	2025
PA225	ULTRA-D7	2025
PA25	ULTRA-A16	2025
PA50	ULTRA-A11	2025
PA56L	N/A	2025
PA75	ULTRA-A12	2025
PA76	ULTRA-B6	2025
PA80	ULTRA-D2	2025
PA81	ULTRA-A3	2025
PA81-PAK4	ULTRA-A3-PAK4	2025
PA90	ULTRA-B6	2025
PAP100	ULTRA-C3	2025
PAP150	ULTRA-C4	2025
PAP200	ULTRA-C5	2025
PAP50	ULTRA-C1	2025
PAP75	ULTRA-C2	2025
PAS35P4	N/A	2025
PAT25P4	N/A	2025
PBF17	N/A	2025
PBW3PAIR	N/A	2025
PBW4PAIR	N/A	2025
PBW5PAIR	N/A	2025
PC7-120	N/A	2025
PC7-PAIR	N/A	2025
PCAL100	N/A	2025
PCAL42-F2M	N/A	2025
PCC105	ULTRA-A6	2025
PCC105-PAK4	ULTRA-A6-PAK4	2025
PCC130	ULTRA-A7	2025
PCC130-PAK4	ULTRA-A7-PAK4	2025
PCC60	ULTRA-A4	2025
PCC60-PAK4	ULTRA-A4-PAK4	2025
PCC80	ULTRA-A5	2025
PCC80-PAK4	ULTRA-A5-PAK4	2025
PCD50	N/A	2025
PCD75	N/A	2025
PCM100SV	ULTRA-A12	2025
PDM25P4	ULTRA-S1	2025
PFAB100	ULTRA-D10	2025
PFAB50	N/A	2025
PFAB60	ULTRA-D9	2025
PFAB75	N/A	2025
PFAB80	ULTRA-D10	2025
PFF25P4	N/A	2025
PFF25TC-P4	N/A	2025
PFF25W-P4	N/A	2025
PGF15	N/A	2025
PGF5	N/A	2025
PH5.9	N/A	2025
PIN20	N/A	2025
PIN2H	N/A	2025
PIN3PAIR	N/A	2025
PIN4PAIR	N/A	2025
PJ100	ULTRA-C13	2025
PJ150	ULTRA-C14	2025
PJ50	ULTRA-C11	2025
PJ75	ULTRA-C12	2025
PJAN100	N/A	2025
PJAN115	ULTRA-A9	2025
PJAN115-PAK4	ULTRA-A9-PAK4	2025
PJAN145	ULTRA-A10	2025
PJAN145-PAK4	ULTRA-A10-PAK4	2025
PJAN75	N/A	2025
PJAN85	ULTRA-A8	2025
PJAN85-PAK4	ULTRA-A8-PAK4	2025
PJANCS200	ULTRA-B9	2025
PJB60	N/A	2025
PJC110	N/A	2025
PJW40SC-F2M	N/A	2025
PJZ16-F2L	N/A	2025
PLBS50	ULTRA-S10	2025
PMA10	N/A	2025
PMA25	N/A	2025
PMA30-2002-R	N/A	2025
PMA30SK	N/A	2025
PMA40-2003-R	N/A	2025
PMA60-F2M	N/A	2025
PMA70-F2M	N/A	2025
PMAX25P4	N/A	2025
PMS8	N/A	2025
PMS8TC	N/A	2025
PMT25	N/A	2025
PMT27.5	N/A	2025
PMT50	N/A	2025
PPCO100	N/A	2025
PPS10K	N/A	2025
PPS750	N/A	2025
PRB12-4	N/A	2025
PRB14.5	N/A	2025
PRB17.5SF-JH-PAIR	N/A	2025
PRB17.5SF-PAIR	N/A	2025
PRB25-IN	ULTRA-S5	2025
PRB25-IN-4	ULTRA-S5	2025
PRB25-IN-TC	N/A	2025
PRB35-IN	ULTRA-S7	2025
PRB50-IN	ULTRA-S5	2025
PRB8.5	N/A	2025
PSD65-2	N/A	2025
PSD75	N/A	2025
PSD95-F2L	N/A	2025
PSF1-PAIR	N/A	2025
PSG13.5P4	N/A	2025
PSG25P4	N/A	2025
PSG25-XP4	N/A	2025
PSG27.5P2	N/A	2025
PSG27.5P4	N/A	2025
PSG40N-XP4	N/A	2025
PSN25P4	N/A	2025
PSN50P4	N/A	2025
PSN50SV-P4	N/A	2025
PSTG5	N/A	2025
PTL18P4	N/A	2025
PTL20W-SV-P4	N/A	2025
PVAC100	ULTRA-D6	2025
PVT25P4	N/A	2025
PVT50WH-F2L	N/A	2025
PVT50W-XF2L	N/A	2025
PWK30	ULTRA-S12	2025
PWK30-4	N/A	2025
PWK70B	N/A	2025
PWW10-JH-PAIR	N/A	2025
PWW10PAIR	N/A	2025
PWW150	ULTRA-C8	2025
PWWCT150	ULTRA-B3	2025
PWWCT200	ULTRA-B10	2025
PWWPC150B	ULTRA-B5	2025
PWWPC150SV	ULTRA-B7	2025
PFG1224	PFS1224	2025
PHG3672	PFS3672	2025
PXG1224	N/A	2025
PPS2.5K	N/A	2022
PPS40K	N/A	2022
DSF25-50TC	N/A	2022
PA12	PA225	2022
PA20	PA225	2022
PA25-M	PA25	2022
PA40-M	PA40	2022
PA40SF	N/A	2022
PA50-M	PA50	2022
PA50SV	PCC60	2022
PA50SV-PAK4	PCC60-PAK4	2022
PA55	PA50	2022
PA56SV	PCC60	2022
PA56SV-PAK4	PCC60-PAK4	2022
PA75-M	PA75	2022
PA75SV	PA81	2022
PA75SV-M	PA81	2022
PA75SV-PAK4	PA81-PAK4	2022
PA80-M	PA80	2022
PA85	N/A	2022
PA89-PAK4	PA89	2022
PA89L	N/A	2022
PA89L-PAK4	N/A	2022
PA90-M	PA90	2022
PA100-M	PA100	2022
PA100N	PA106	2022
PA100N-M	PA106	2022
PA100N-PAK4	PA106-PAK4	2022
PA106-M	PA106	2002
PA112	PA106	2022
PA112-M	PA106	2022
PA112-PAK4	PA106-PAK4	2022
PA120-M	PA120	2022

DISCONTINUED PLEATCO PART NUMBERS (CONT'D)

REPLACEMENT PART NUMBER REFERENCE

Deactivated Part	Replacement	Year Changed
PA126	PA131	2022
PA126-PAK4	PA131-PAK4	2022
PA175-M	PA175	2022
PA190	PA175	2022
PAE50	N/A	2022
PAE75	N/A	2022
PAE150	N/A	2022
PAP50-M	PAP50	2022
PAP75-M	PAP75	2022
PAP100-M	PAP100	2022
PAP118	PAP100	2022
PAP150-M	PAP150	2022
PAP175	PAP200	2022
PAP200-M	PAP200	2022
PAQV9-4	N/A	2022
PAS35-XF2M	PAS35-F2M	2022
PAS35-F2M-M	PAS35-F2M	2022
PAS40-XF2M	PAS40-F2M	2022
PAS40-F2M-M	PAS40-F2M	2022
PAS50-F2M-M	PAS50-F2M	2022
PAS50SV-XF2M	PAS50SV-F2M	2022
PAS50SV-F2M-M	PAS50SV-F2M	2022
PAST50	N/A	2022
PAST75	N/A	2022
PAST100	N/A	2022
PAST113	N/A	2022
PAST150	N/A	2022
PAT25-XP4	PAT25P4	2022
PAT50-XP4	N/A	2022
PBF17-M	PBF17	2022
PBF31	N/A	2022
PBF31-M	N/A	2022
PBF35-M	PBF35	2022
PBF36-M	PBF36	2022
PBF40-M	PBF40	2022
PBH25	N/A	2022
PBH75	N/A	2022
PBH100-SET	N/A	2022
PBH-UM50	N/A	2022
PBH-UM75	N/A	2022
PBH-UM100	N/A	2022
PBH-UM150-SET	N/A	2022
PC7-120-M	PC7-120	2022
PC7-TC	N/A	2022
PC8	N/A	2022
PC11	N/A	2022
PCAL25-F2M	N/A	2022
PCAL42-XF2M	PCAL42-F2M	2022
PCAL42-F2M-M	PCAL42-F2M	2022
PCAL60-XF2M	PCAL60-F2M	2022
PCAL60-F2M-M	PCAL60-F2M	2022
PCAL75	PCAL100	2022
PCAL75SC-F2M-M	N/A	2022
PCAL100-M	PCAL100	2022
PCC60-M	PCC60	2022
PCC80-M	PCC80	2022
PCC105-M	PCC105	2022
PCC125	PCC105	2022
PCC130-M	PCC130	2022
PCD100	PCD75	2022
PCH75	N/A	2022
PCM25	PA25	2022
PCM35	PA25	2022
PCM44	N/A	2022
PCM50	N/A	2022
PCM75	N/A	2022
PCM75SV	N/A	2022
PCM90	N/A	2022
PCM100SV-M	PCM100SV	2022
PCP20	N/A	2022
PCP50	N/A	2022
PCS32P4	N/A	2022
PCS40-F2M	N/A	2022
PCS50-F2M	N/A	2022
PCST120-M	PCST120	2022
PCST80-M	PCST80	2022
PD20SL	N/A	2022
PD40SL	N/A	2022
PD60	N/A	2022
PD60SL	N/A	2022
PD90SL	N/A	2022
PDM25-XP4	PDM25P4	2022
PDM25P4-M	PDM25P4	2022
PDM90	N/A	2022
PDM120	N/A	2022
PDO25	N/A	2022
PDO40	N/A	2022
PDO75-XP3	N/A	2022
PDO75P3	N/A	2022
PDO-UF25	N/A	2022
PDO-UF40	N/A	2022
PDS22P4	N/A	2022
PDS45	N/A	2022
PDV50	N/A	2022
PDY36P3	N/A	2022
PDY36P3-M	N/A	2022
PFAB100-M	PFAB100	2022
PFAB125	N/A	2022
PFF25-XP4	PFF25P4	2022
PFF50-XP	PFF50P4	2022
PFF50-XP4	PFF50P4	2022
PFW60	N/A	2022
PFW110	N/A	2022
PGC43-F2M	N/A	2022
PGF7	PGF15	2022
PGF10	PGF15	2022
PGS25-XP4	PGS25P4	2022
PH3	N/A	2022
PH3-PAIR	N/A	2022
PH3.7-B	N/A	2022
PH6-M	PH6	2022
PH6-PAK7	PH6	2022
PH6-M-PAK7	PH6	2022
PH55	N/A	2022
PH75	N/A	2022
PHC25-XP	N/A	2022
PHC25-XP4	N/A	2022
PHC25P4	N/A	2022
PHC50-XP	N/A	2022
PHC50P4	N/A	2022
PHO30-4	N/A	2022
PHP11	N/A	2022
PIC10	N/A	2022
PIC15	N/A	2022
PIC25	N/A	2022
PIC50	N/A	2022
PIC50N	N/A	2022
PIC60	N/A	2022
PIF60-F2M	N/A	2022
PIF90-F2M	N/A	2022
PIN28	N/A	2022
PJ25-4	N/A	2022
PJ25-IN-M4	PJ25-IN-4	2022
PJ37-IN-4	PJ25-IN-4	2022
PJ40	N/A	2022
PJ60	N/A	2022
PJ120-M	PJ120	2022
PJ200	PJ150	2022
PJ200S-M	PJ200S	2022
PJAN50	N/A	2022
PJAN85-M	PJAN85	2022
PJAN115-M	PJAN115	2022
PJANCS100	PA120	2022
PJANCS150	PWWCT150	2022
PJB40	N/A	2022
PJC110-M	PJC110	2022
PJC147	N/A	2022
PJC147-M	N/A	2022
PJC180	N/A	2022
PJP45-F2S	N/A	2022
PJP60-F2S	N/A	2022
PJW25	N/A	2022
PJW30-4	N/A	2022
PJW40SC-XF2M	PJW40SC-F2M	2022
PJW50TL-OT-F2S	N/A	2022
PJW60TL-XF2S	PJW60TL-F2S	2022
PJW60TL-F2S-M	PJW60TL-F2S	2022
PLB50	N/A	2022
PLB65	N/A	2022
PLB100	N/A	2022
PLB150	N/A	2022
PLBS50-M	PLBS50	2022
PLBS75-M	PLBS75	2022
PLBS100-M	PLBS100	2022
PLCP36-F2M	PPM35SC-F2M	2022
PLCP48-F2M	PPM50SC-F2M	2022
PLW25	N/A	2022
PLW50	N/A	2022
PLW75	N/A	2022
PLW100	N/A	2022
PMA10-M	PMA10	2022
PMA16SK-M	N/A	2022
PMA25-M	PMA25	2022
PMA30SK-M	PMA30SK	2022

DISCONTINUED PLEATCO PART NUMBERS (CONT'D)

REPLACEMENT PART NUMBER REFERENCE

Deactivated Part	Replacement	Year Changed
PMA40-XF2M	PMA40-F2M	2022
PMA40-F2M-M	PMA40-F2M	2022
PMA40L-XF2M	PMA40L-F2M	2022
PMA40L-F2M-M	PMA40L-F2M	2022
PMA40SV-F2M-M	N/A	2022
PMA45-2004R-M	PMA45-2004R	2022
PMA50-2002-F	N/A	2022
PMA60-XF2M	PMA60-F2M	2022
PMA70-F2L	N/A	2022
PMAG25	N/A	2022
PMAX50-XP4	PMAX50P4	2022
PMAX50P4-M	PMAX50P4	2022
PMS10	N/A	2022
PMS20	N/A	2022
PMT20	N/A	2022
PMT35	PMT25	PMA
PMT40	N/A	2022
PMT45	PMT50	2022
PMT100	N/A	2022
POX50	N/A	2022
POX50-IN	N/A	2022
POX100	N/A	2022
PPC75	N/A	2022
PPCO65	N/A	2022
PPF25	N/A	2022
PPF33	N/A	2022
PPF40	N/A	2022
PPF60	N/A	2022
PPF67.5	N/A	2022
PPF105	N/A	2022
PPG50-XP4	PPG50P4	2022
PPI25	N/A	2022
PPI25D	N/A	2022
PPM25	N/A	2022
PPM35SC-XF2M	PPM35SC-F2M	2022
PPM35TC	N/A	2022
PPM40	N/A	2022
PPM50SC-F2M-M	PPM50SC-F2M	2022
PPM50SC-XF2M	PPM50SC-F2M	2022
PPM50TC	N/A	2022
PPM60TC	N/A	2022
PPR75	N/A	2022
PRB7B	N/A	2022
PRB8.5-M	PRB8.5	2022
PRB14.5-M	PRB14.5	2022
PRB17.5SF-JH-M-PAIR	PRB17.5SF-JH-PAIR	2022
PRB18-4	PRB12L-4	2022
PRB25-IN-M	PRB25-IN	2022
PRB35-IN-M	PRB35-IN	2022
PRB37-IN	PRB50-IN	2022
PRB50-IN-M	PRB50-IN	2022
PRB75-M	PRB75	2022
PRB100	N/A	2022
PRW150	N/A	2022
PS9	N/A	2022
PS12	N/A	2022
PS18B	N/A	2022
PSANT20-XP4	PSANT20P4	2022
PSANT20P3-M	PSANT20P3	2022
PSANT30P3	PSANT20P3	2022
PSB3.5	N/A	2022
PSD40	N/A	2022
PSD50	N/A	2022
PSD65	N/A	2022
PSD90P4	N/A	2022
PSD125	PSD125U	2022
PSD125-2000-M	PSD125-2000	2022
PSD125-2006	PSD125-2000	2022
PSG13.5-XP4-M	PSG13.5-XP4	2022
PSG13.5P4-M	PSG13.5P4	2022
PSG15-XP4	PSG25P4	2022
PSG15P4	PSG25P4	2022
PSG23-M	N/A	2022
PSG27.5-XP4-M	PSG27.5-XP4	2022
PSG27.5P2-M	PSG27.5P2	2022
PSG27.5P4-M	PSG27.5P4	2022
PSG31P4-M	PSG31-XP4	2022
PSG31-XP4-M	PSG31-XP4	2022
PSG40-XP4	PSG25P4	2022
PSG40P4	PSG25P4	2022
PSG40N-P2-M	N/A	2022
PSG40N-P4-M	PSG40N-XP4	2022
PSG40N-XP4-M	PSG40N-XP4	2022
PSI45-O	N/A	2022
PSN25-XP	PSN25P4	2022
PSN50-XP	PSN50P4	2022
PSN50L-P4	N/A	2022
PSN50L-XP	N/A	2022
PSN50L-XP4	N/A	2022
PSR15	N/A	2022
PSR35	N/A	2022
PSR70-M	PSR70	2022
PSR100-M	PSR100	2022
PSS17.5-XP	N/A	2022
PST45	N/A	2022
PTL25-XP	PSG27.5P4	2022
PTL25P4	PSG27.5P4	2022
PTL25W-P4	N/A	2022
PTL25W-SV-P4	N/A	2022
PTL30W-P4	N/A	2022
PTL35P4	N/A	2022
PTL35W-P4	N/A	2022
PTL40P4	N/A	2022
PTL40W-P4	N/A	2022
PTL40XWT	N/A	2022
PTL40XW-P4	N/A	2022
PTL45W-P4	N/A	2022
PTL47W-P4-M	PTL47W-P4	2022
PTL50P4	N/A	2022
PTL50W-P4	N/A	2022
PTL50W-SH-XP	N/A	2022
PTL50W-SV-P4	N/A	2022
PTL50XW-OB-XP	N/A	2022
PTL55XW-XF2M	N/A	2022
PTL55XW-F2M	N/A	2022
PTL60W-P4	N/A	2022
PTL75XW-P4	N/A	2022
PTL75XW-F2M	N/A	2022
PTS35-XP	N/A	2022
PTS35N-XP4	N/A	2022
PUST80-F2M	N/A	2022
PUST120-F2M	N/A	2022
PVAC150	PVAC100	2022
PVT20	N/A	2022
PVT25D-XP	N/A	2022
PVT25N-XP	PVT25N-P4	2022
PVT25N-XP4	PVT25N-P4	2022
PVT25NO-XP4-M	N/A	2022
PVT25NO-P4-M	N/A	2022
PVT30WH-XF2M-M	N/A	2022
PVT30WH-F2M-M	N/A	2022
PVT40-XP	N/A	2022
PVT40P4	N/A	2022
PVT50-XP	N/A	2022
PVT50-XP4	N/A	2022
PVT50P4	N/A	2022
PVT50W-XF2L-PAIR	PVT50W-XF2L	2022
PVT50WH-XF2L	PVT50WH-F2L	2022
PW15WC	N/A	2022
PW15WC-TC	N/A	2022
PWC25	N/A	2022
PWC50	N/A	2022
PWK25	N/A	2022
PWK30-M	PWK30	2022
PWK30V-XP	N/A	2022
PWK35	N/A	2022
PWK40	N/A	2022
PWK45N	PWK65	2022
PWK45WF-4	N/A	2022
PWK50	N/A	2022
PWK65-M	PWK65	2022
PWK100	N/A	2022
PWL25P4	N/A	2022
PWL25P4-M	N/A	2022
PWL35P3	N/A	2022
PWL35P3-M	N/A	2022
PWL35P4	N/A	2022
PWL35P4-M	N/A	2022
PWW10-M	PWW10	2022
PWW10-JH-M-PAIR	PWW10-JH-PAIR	2022
PWW25P3	PWW50P3	2022
PWW25SV-P3	N/A	2022
PWW35L-M	PWW35L	2022
PWW35P3	PWW50P3	2022
PWW40	N/A	2022
PWW50L-M	PWW50L	2022
PWW50P3-M	PWW50P3	2022
PWW50-XP4	PWW50P4	2022
PWW50-XP4-M	PWW50P4	2022
PWW50P4-M	PWW50P4	2022
PWW100P3-M-SET	PWW100P3-SET	2022
PWW200	PWW150	2022
PWW250	N/A	2022
PWW300	N/A	2022

DISCONTINUED PLEATCO PART NUMBERS (CONT'D)

REPLACEMENT PART NUMBER REFERENCE

Deactivated Part	Replacement	Year Changed
PWWCT75	PA76	2022
PWWCT100	PA90	2022
PWWCT100-M	PA90	2022
PWWCT125	PA120	2022
PWWCT150-M	PWWCT150	2022
PWWDFX75	N/A	2022
PWWDFX100	N/A	2022
PWWEK150-M	PWWEK150	2022
PWWEK200-M	PWWEK200	2022
PWWPC125B	PWWPC150B	2022
PWWPC125B-M	PWWPC150B	2022
PWWPC175	PA175	2022
PWWPC200	PA175	2022
PWWPC200-M	PA175	2022
PXST100	PA90	2022
PXST100-M	PA90	2022
PXST125	PA90	2022
PXST125-M	PA90	2022
PXST150	PWWCT150	2022
PXST150-M	PWWCT150	2022
PXST175-M	PXST175	2022
PXST200-M	PXST200	2022
PIN-PAK	N/A	2021
PS9	N/A	2021
PSB3.5	N/A	2021
PSG40-XP4	PSG25P4	2021
PTL35P4	N/A	2021
PTL40XW-P4	N/A	2021
PTL60W-P4	N/A	2021
PUST120-F2M	N/A	2021
PVT20	N/A	2021
PWK45WF-4	N/A	2021
PWL35P3-M	PWW50P3-M	2021
PWW100-XP3-SET	PWW100P3-SET	2021
PXST150-M	PWWCT150	2021
PA50SV-M	PA50SV	2020
PA50SV-M-PAK4	PA50SV-PAK4	2020
PA56SV-M	PA56SV	2020
PA56SV-M-PAK4	PA56SV-PAK4	2020
PA75SV-M-PAK4	PA75SV-PAK4	2020
PA76-M	PA76	2020
PA85-M	PA85	2020
PA100N-M-PAK4	PA100N-PAK4	2020
PA106-M-PAK4	PA106-PAK4	2020
PA125-M	PA125	2020
PA126-M	PA126	2020
PA126-M-PAK4	PA126-PAK4	2020
PA137-M	PA137	2020
PA137-M-PAK4	PA137-PAK4	2020
PA225-M	PA225	2020
PAS35P4-M	PAS35P4	2020
PAS50-XF2M	PAS50-F2M	2020
PAT25-XP	PAT25P4	2020
PBH12.5	N/A	2020
PC17	N/A	2020
PC18	N/A	2020
PCAL42-XF2M-M	PCAL42-F2M-M	2020
PCAL75-M	PCAL75	2020
PCAL75L-M	PCAL75L	2020
PCAL75SC-XF2M-M	PCAL75SC-F2M-M	2020
PCC60-M-PAK4	PCC60-PAK4	2020
PCC80-M-PAK4	PCC80-PAK4	2020
PCC105-M-PAK4	PCC105-PAK4	2020
PCC130-M-PAK4	PCC130-PAK4	2020
PCD50N-M	PCD50N	2020
PCD100W-M	PCD100W	2020
PCM88-M	PCM88	2020
PCP25	N/A	2020
PCS32-XP4	PCS32-P4	2020
PCS50-XF2M	PCS50-F2M	2020
PCS50N-M	PCS50N	2020
PCS75N-M	PCS75N	2020
PD12	N/A	2020
PD135	N/A	2020
PDM75	PDM90	2020
PDO75-2000-M	PDO75-2000	2020
PDS22-XP	PDS22P4	2020
PFAB60-M	PFAB60	2020
PFAB80-M	PFAB80	2020
PFF25TC-XP4	PFF25TC-P4	2020
PFV40	N/A	2020
PG45	N/A	2020
PGC43-XF2M	PGC43-F2M	2020
PGC43-F2M-M	PGC43-F2M	2020
PGS25P4-M	PGS25P4	2020
PHP18	N/A	2020
PIF60-XF2M	PIF60-F2M	2020
PIF90-XF2M	PIF90-F2M	2020
PJ50-M	PJ50	2020
PJ75-M	PJ75	2020
PJ80-M	PJ80	2020
PJ100-M	PJ100	2020
PJ160-M	PJ160	2020
PJAN85-M-PAK4	PJAN85-PAK4	2020
PJAN115-M-PAK4	PJAN115-PAK4	2020
PJAN145-M	PJAN145	2020
PJAN145-M-PAK4	PJAN145-PAK4	2020
PJC180-M	PJC180	2020
PJW23-M	PJW23	2020
PJW50TL-OT-F2S-M	PJW50TL-OT-F2S	2020
PJW60TL-OT-XF2S	PJW60TL-XF2S	2020
PLAS35-M	PLAS35	2020
PLB50-M	PLB50	2020
PMA30-2002R-M	PMA30-2002-R	2020
PMA40-XF2M-M	PMA40-F2M-M	2020
PMA40L-XF2M-M	PMA40L-F2M-M	2020
PMA40SV-XF2M-M	PMA40SV-F2M-M	2020
PMA70-XF2M	PMA70-F2M	2020
PMAX50-XP4-M	PMAX50-XP4	2020
PMS16	PMS20	2020
POX25-IN	N/A	2020
POX75	N/A	2020
POX135	N/A	2020
PPF33-M	PPF33	2020
PPR23-4	N/A	2020
PRB37-IN-M	PRB37-IN	2020
PRW100	N/A	2020
PSD90-XP4	PSD90P4	2020
PSD95-XF2L	PSD95-F2L	2020
PSD125-2006-M	PSD125-2006	2020
PSD125U-M	PSD125U	2020
PSI45	N/A	2020
PSN50-XP4	PSN50P4	2020
PSR50-M	PSR50	2020
PSR135-M	PSR135	2020
PSR137-M	PSR137	2020
PTL18-XP	PTL18P4	2020
PTL18-XP4	PTL18P4	2020
PTL25-XP4	PTL25P4	2020
PTL25P4-M	PTL25P4	2020
PTL25W-XP	PTL25W-P4	2020
PTL25W-XP4	PTL25W-P4	2020
PTL40-XP	PTL40P4	2020
PTL40-XP4	PTL40P4	2020
PTL40XW-XP	PTL40XW-P4	2020
PTL47W-XP4	PTL47W-P4	2020
PTL50-XP	PTL50P4	2020
PTL50-XP4	PTL50P4	2020
PTL50W-XP4	PTL50W-P4	2020
PTL50W-SV-XP	PTL50W-SV-P4	2020
PTL75XW-XP4	PTL75XW-P4	2020
PTL75XW-XF2M	PTL75XW-F2M	2020
PTS35-XP-M	PTS35-XP	2020
PUST80-F2M-M	PUST80-F2M	2020
PUST120-XF2M	PUST120-F2M	2020
PVAC70	PVAC100	2020
PVT25-XP	PVT25P4	2020
PVT25-XP4	PVT25P4	2020
PVT25N-P4-M	PVT25N-P4	2020
PVT30W-XF2M-M	N/A	2020
PVT40-XP4	PVT40P4	2020
PVT50W-XF2L-M	PVT50W-XF2L	2020
PVT50WH-F2L-M	PVT50WH-F2L	2020
PW133	N/A	2020
PWK45N-M	PWK45N	2020
PWK45-O-4-XP	N/A	2020
PWW35P3-M	PWW35P3	2020
PWW100-M	PWW100	2020
PWW150-M	PWW150	2020
PWWCT75-M	PWWCT75	2020
PWWCT125-M	PWWCT125	2020
PWWCT200-M	PWWCT200	2020
PWWDFX75-M	PWWDFX75	2020
PWWDFX100-M	PWWDFX100	2020
PWWPC150B-M	PWWPC150B	2020
PWWPC175-M	PWWPC175	2020
PIN-SHELF	N/A	2019
PLW25P	N/A	2019
PSN50L-P	PSN50L-P4	2019
PSN50L-P-M	PSN50L-P4	2019
PTL100P	N/A	2019
PTL50H-P4	PTL50P4	2019
PVT50W-PAIR	PVT50W-XF2L-PAIR	2019
PAP100-4	PAP100	2018

DISCONTINUED PLEATCO PART NUMBERS (CONT'D)

REPLACEMENT PART NUMBER REFERENCE

Deactivated Part	Replacement	Year Changed
PAP100-M4	PAP100-M	2018
PAP118-4	PAP118	2018
PAP150-4	PAP150	2018
PAP150-M4	PAP150-M	2018
PAP175-4	PAP175	2018
PAP200-4	PAP200	2018
PAP200-M4	PAP200-M	2018
PAP50-4	PAP50	2018
PAP50-M4	PAP50-M	2018
PAP75-4	PAP75	2018
PAP75-M4	PAP75-M	2018
PJ100-4	PJ100	2018
PJ100-M4	PJ100-M	2018
PJ120-4	PJ120	2018
PJ120-M4	PJ120-M	2018
PJ150-4	PJ150	2018
PJ160-4	PJ160	2018
PJ160-M4	PJ160-M	2018
PJ200-4	PJ200	2018
PJ200S-4	PJ200S	2018
PJ200S-M4	PJ200S-M	2018
PJ40-4	PJ40	2018
PJ50-4	PJ50	2018
PJ50-M4	PJ50-M	2018
PJ60-4	PJ60	2018
PJ75-4	PJ75	2018
PJ75-M4	PJ75-M	2018
PJ80-4	PJ80	2018
PJ80-M4	PJ80-M	2018
PJC110-4	PJC110	2018
PJC110-M4	PJC110-M	2018
PJC147-4	PJC147	2018
PJC147-M4	PJC147-M	2018
PJC180-4	PJC180	2018
PJC180-M4	PJC180-M	2018
PMP30	N/A	2018
PVT30WH-M	PVT30WH-XF2M-M	2018
PVT30W-M	PVT30W-XF2M-M	2018
PVT50W	PVT50W-XF2L	2018
PVT50WH	PVT50WH-XF2L	2018
PVT50W-M	PVT50W-XF2L-M	2018
PWW100-4	PWW100	2018
PWW100-M4	PWW100-M	2018
PWW150-4	PWW150	2018
PWW150-M4	PWW150-M	2018
PWW200-4	PWW200	2018
PWW250-4	PWW250	2018
PWW300-4	PWW300	2018
PWW75-4	PWW75	2018
PBH-UM150	PBH-UM150-SET	2017
PCM35-4	PCM35	2017
PCM44-4	PCM44	2017
PCM88-4	PCM88	2017
PCM88-M4	PCM88-M	2017
PCP20-4	PCP20	2017
PDO25-4	PDO25	2017
PDO40-4	PDO40	2017
PJANCS100-4	PJANCS100	2017
PJANCS150-4	PJANCS150	2017
PJANCS200-4	PJANCS200	2017
PJANCS250-4	PJANCS250	2017
PPI25-4	PPI25	2017
PPI25D-4	PPI25D	2017
PPM25-4	PPM25	2017
PPM40-4	PPM40	2017
PS9-4	PS9	2017
PSD40-4	PSD40	2017
PSG15-4-XP4	PSG15-XP4	2017
PSG15P4-4	PSG15P4	2017
PSI45-4	PSI45	2017
PSI45-O-4	PSI45-O	2017
PSR100-4	PSR100	2017
PSR100-M4	PSR100-M	2017
PSR135-4	PSR135	2017
PSR135-M4	PSR135-M	2017
PSR137-4	PSR137	2017
PSR137-M4	PSR137-M	2017
PSR15-4	PSR15	2017
PSR35-4	PSR35	2017
PSR50-4	PSR50	2017
PSR50-M4	PSR50-M	2017
PSR70-4	PSR70	2017
PSR70-M4	PSR70-M	2017
PWK25-4	PWK25	2017
PWWEK150-4	PWWEK150	2017
PWWEK150-M4	PWWEK150-M	2017
PWWEK200-4	PWWEK200	2017
PWWEK200-M4	PWWEK200-M	2017
PA100-4	PA100	2015
PA100N-4	PA100N	2015
PA106-4	PA106	2015
PA112-4	PA112	2015
PA120-4	PA120	2015
PA125-4	PA125	2015
PA126-4	PA126	2015
PA13	PTL18P4	2015
PA131-4	PA131	2015
PA137-4	PA137	2015
PA17	PTL18P4	2015
PA175-4	PA175	2015
PA20-4	PA20	2015
PA225-4	PA225	2015
PA225-M4	PA225-M	2015
PA25-4	PA25	2015
PA25-M4	PA25-M	2015
PA40-4	PA40	2015
PA50-4	PA50	2015
PA50SV-4	PA50SV	2015
PA56SV-4	PA56SV	2015
PA75-4	PA75	2015
PA75SV-4	PA75SV	2015
PA76-4	PA76	2015
PA80-4	PA80	2015
PA81-4	PA81	2015
PA85-4	PA85	2015
PA90-4	PA90	2015
PAQ25N	PGS25P4	2015
PAT25	PAT25-XP4	2015
PAT50	PAT50-XP4	2015
PBF50-F2S	PBF35-M	2015
PBH12.5-4	PBH12.5	2015
PBH25-4	PBH25	2015
PBH-UM50-4	PBH-UM50	2015
PC11-4	PC11	2015
PC17-4	PC17	2015
PC18-4	PC18	2015
PCC125-4	PCC125	2015
PCM100SV-4	PCM100SV	2015
PCM125	PCC125-4	2015
PCS32-2 W/O AD	PAS35-F2M	2015
PCS32-2 (W/ 2" AD)	PAS35-F2M	2015
PCS40 (W/ PAD)	PVT40P4	2015
PCS50 (W/ PAD)	PVT50P4	2015
PD12-4	PD12	2015
PD135-4	PD135	2015
PD20SL-4	PD20SL	2015
PD40SL-4	PD40SL	2015
PD60-4	PD60	2015
PD60SL-4	PD60SL	2015
PD90SL-4	PD90SL	2015
PDC100-AFS	PRB75	2015
PDC25-AFS	PRB25-IN	2015
PDC30-AFS	PPM50SC-F2M	2015
PDC400-AFS	PDM25P4	2015
PDC500-AFS	PPG50P4 or PMAX50P4	2015
PDC510-AFS	PWK30	2015
PDC520-AFS	PRB35-IN	2015
PDC530-AFS	PLBS50	2015
PDC540-AFS	PCST80	2015
PDC550-AFS	PCST120	2015
PDC560-AFS	PLBS75	2015
PDC570-AFS	PWW50L	2015
PDC600-AFS	PWW50P3	2015
PDM25	PDM25-XP4	2015
PDO75	PDO75-XP3	2015
PFAB100-4	PFAB100	2015
PFAB100SH-4	PFAB100SH	2015
PFAB125-4	PFAB125	2015
PFAB30	PRB25-IN	2015
PFAB60-4	PFAB60	2015
PFAB75-4	PFAB75	2015
PFF25	PFF25-XP4	2015
PFW80	PFW60	2015
PGS25	PGS25-XP4	2015
PH105-4	PH105	2015
PH155-4	PH155	2015
PH3-4	PH3	2015
PH3-4-PAIR	PH3-PAIR	2015
PH5.9-4	PH5.9	2015
PH55-4	PH55	2015
PH6-4	PH6	2015
PH6-M4	PH6-M	2015
PH75-4	PH75	2015
PHC25	PHC25-XP	2015

DISCONTINUED PLEATCO PART NUMBERS (CONT'D)

REPLACEMENT PART NUMBER REFERENCE

Deactivated Part	Replacement	Year Changed
PHC50	PHC50-XP	2015
PJW23-4	PJW23	2015
PJW23-M4	PJW23-M	2015
PL18-4	N/A	2015
PLB130	PLB150	2015
PLW100-4	PLW100	2015
PLW25-4	PLW25	2015
PLW25P-4	PLW25P	2015
PLW50-4	PLW50	2015
PLW75-4	PLW75	2015
PMAX50	PMAX50-XP4	2015
PMS10-4	PMS10	2015
PMS16-4	PMS16	2015
PMS20-4	PMS20	2015
PPF105-4	PPF105	2015
PPF50-4	PA50	2015
PPF60-4	PPF60	2015
PPF67.5-4	PPF67.5	2015
PPF80	PA75SV	2015
PPR25	PA25	2015
PRB37-IN-4	PRB37-IN	2015
PSANT20	PSANT20-XP4	2015
PSG13.5	PSG13.5-XP4	2015
PSG13.5-M	PSG13.5-XP4-M	2015
PSG15-4	PSG15-4-XP4	2015
PSG25	PSG25-XP4	2015
PSG27.5	PSG27.5-XP4	2015
PSG27.5-M	PSG27.5-XP4-M	2015
PSG31-M	PSG31-XP4-M	2015

Deactivated Part	Replacement	Year Changed
PSG40N-M	PSG40N-XP4-M	2015
PSN50L	PSN50L-XP	2015
PSS17.5	PSS17.5-XP	2015
PTL18P4-4	PTL18P4	2015
PTL20W-SV-P4-4	PTL20W-SV-P4	2015
PTL25H-P4-4	PTL25P4	2015
PTL25P4-4	PTL25P4	2015
PTL25P4-M4	PTL25P4-M	2015
PTL25W-P4-4	PTL25W-P4	2015
PTL25W-SV-P4-4	PTL25W-SV-P4	2015
PTL30W-P4-4	PTL30W-P4	2015
PTL30XW-4	PTL30W-P4	2015
PTL35P4-4	PTL35P4	2015
PTL35W-P4-4	PTL35W-P4	2015
PTL40P4-4	PTL40P4	2015
PTL40W-P4-4	PTL40W-P4	2015
PTL40XW-4	PTL40W-P4	2015
PTL40XW-P4-4	PTL40XW-P4	2015
PTL40XWT-4	PTL40XWT	2015
PTL45W-P4-4	PTL45W-P4	2015
PTL50H-P4-4	PTL50H-P4	2015
PTL50P4-4	PTL50P4	2015
PTL50W-SH	PTL50W-SH-XP	2015
PTL50W-SV-P4-4	PTL50W-SV-P4	2015
PTL50XW-OB	PTL50XW-OB-XP	2015
PTS35	PTS35-XP	2015
PTS35-M	PTS35-XP-M	2015
PTS35N	PTS35N-XP4	2015
PVT25D	PVT25D-XP	2015

Deactivated Part	Replacement	Year Changed
PVT25NO-M	PVT25NO-XP4-M	2015
PWC100SV	PJAN100	2015
PWC75SV	PJAN75	2015
PWK30V	PWK30V-XP	2015
PWK45-O-4	PWK45-O-4-XP	2015
PWW50	PWW50-XP4	2015
PWW50-M	PWW50-XP4-M	2015
PWWCT100-4	PWWCT100	2015
PWWCT125-4	PWWCT125	2015
PWWCT150-4	PWWCT150	2015
PWWCT75-4	PWWCT75	2015
PWWPC100	PWWCT100	2015
PWWPC100-4	PWWCT100	2015
PWWPC100-M	PWWCT100-M	2015
PWWPC125	PWWCT125	2015
PWWPC125-4	PWWCT125	2015
PWWPC125-M	PWWCT125-M	2015
PWWPC150	PWWCT150	2015
PWWPC150-4	PWWCT150	2015
PWWPC150B-4	PWWPC150B	2015
PWWPC150-M	PWWCT150-M	2015
PWWPC175-4	PWWPC175	2015
PWWPC200-4	PWWPC200	2015
PWWPC200SV	PWWCT200	2015
PWWPC75	PWWCT75	2015
PWWPC75-4	PWWCT75	2015
PWWPC75-M	PWWCT75-M	2015

Check out the Pleatco Filter Cartridge Finder for quick access to find the right cartridges on-the-go: www.pentair.com/filterfinder

PLEATCO FILTER WASH™ FILTER CARTRIDGE CLEANER

FAST-ACTING FIZZ CLEANING SOLUTION

Featured Highlights

- Enjoy peace of mind and a pristine pool with the Pleatco Filter Wash cleaning solutions
- A fast-acting fizz cleaning solution formulated to penetrate deeply into any reusable filter cartridge
- Removes accumulated materials such as suntan lotion, oils, grease, dirt, soap scum, and other debris
- Comes in individual formulas — one for pools and one for spas — engineered for each environment

Ordering Information

Item #	Description	Application
PWASH-SPA-PAK	Pleatco Filter Wash - Spa Cartridges	Spa
PWASH-POOL-PAK	Pleatco Filter Wash - Pool Cartridges & DE Grids	Pool

PLEATCO PURESTART

FILTERED WATER FROM THE START

Featured Highlights

- Scientifically engineered to overcome the problems associated with tap, ground, and well water being used for filling and topping off pools regardless of make, model, or size
- Disposable sediment filter cartridges are made from unique melt-spun filtration technology for ideal depth filtration
- Three-depth filtration layers filter debris down to five microns

Ensure cleaner water and easier upkeep with Pleatco PureStart pre-filters. These cartridges attach to a garden hose and capture dirt particles by filtering the water BEFORE it enters a pool, ensuring cleaner filtered water from the start.

Ordering Information

Item #	Description	Application
PPS2100	Spa Fill (Sediment) Cartridge	Spa
PPS6120	Pool Fill (Sediment) Cartridge	Pool

PLEATCO DE GRIDS

HIGH-PERFORMANCE DURABILITY

Featured Highlights

- Enhance pool filtration systems with top-tier DE grids, designed for superior debris removal and clearer water
- Reinforced center tube creates a duct to funnel water from the outer most edges of the grid into the center and through the entire frame
- Minimizes the amount of tension placed on the filter fabric giving it a longer life and requiring less energy to filter water
- Lightweight design consists of a reinforced center tube that provides stability and maintains a flexible grid frame to help prevent damage

Ordering Information

Item #	Description	Width	Length	Media Sq. Feet	Mfr #	Unicel	Media Filbur
	UNIVERSAL FULL GRIDS						
PFG1836	Hayward, Pentair, Waterway, American, Jacuzzi, Pac-Fab, Sta-Rite, Astral - "Universal" Full Grid	11"	18"	36	—	FG-1003	FC-9330
PFG2448	Hayward, Jandy, Pentair, Waterway, American, Jacuzzi, Pac-Fab, Sta-Rite, Astral - "Universal" Full Grid	11"	24"	48	—	FG-1004	FC-9340
PFG3060	Hayward, Jandy, Pentair, Waterway, American, Jacuzzi, Pac-Fab, Sta-Rite, Astral - "Universal" Full Grid	11"	30"	60	—	FG-1005	FC-9350
PFG3672	Hayward, Pentair, Waterway, American, Jacuzzi, Pac-Fab, Sta-Rite, Astral - "Universal" Full Grid	11"	36"	72	—	FG-1006	FC-9360
	UNIVERSAL HALF GRIDS						
PHG1224	Hayward, Pentair, American, Pac-Fab, Astral - "Universal" Half Grid	9 3/4"	12"	24	—	PG-1902	FC-9420
PHG1836	Hayward, Pentair, Waterway, American, Pac-Fab, Astral - "Universal" Half Grid	9 3/4"	18"	36	—	PG-1903	FC-9430
PHG2448	Hayward, Pentair, Waterway, American, Pac-Fab, Jandy, Astral - "Universal" Half Grid	9 3/4"	24"	48	—	PG-1904	FC-9440
PHG3060	Hayward, Pentair, Waterway, American, Pac-Fab, Jandy, Astral - "Universal" Half Grid	9 3/4"	30"	60	—	PG-1905	FC-9450
	UNIVERSAL FULL SETS						
PFS1224	Hayward, Pentair, American, Pac-Fab, Astral (7 full + 1 half) / "Universal" Grid Set	11"	12"	24	—	FS-2002	FC-9520
PFS1836	Hayward, Pentair, Waterway, American, Pac-Fab, Astral (7 full + 1 half) / "Universal" Grid Set	11"	18"	36	—	FS-2003	FC-9530
PFS2448	Hayward, Jandy, Pentair, Waterway, American, Pac-Fab, Astral (7 full + 1 half) / "Universal" Grid Set	11"	24"	48	—	FS-2004	FC-9540
PFS3060	Hayward, Jandy, Pentair, Waterway, American, Pac-Fab, Astral (7 full + 1 half) / "Universal" Grid Set	11"	30"	60	—	FS-2005	FC-9550
PFS3672	Hayward, Pentair, Waterway, American, Pac-Fab, Astral (7 full + 1 half) / "Universal" Grid Set	11"	36"	72	—	FS-2006	FC-9560
	PUREX GRIDS						
PXG1224	Purex SM/SMBW 2024 / 4024	10 3/4"	13 5/16"	24	07-4922	FG-1224	FC-9220
PXG1836	Purex SM/SMBW 2036 / 4036	10 3/4"	19 3/8"	36	07-4923	FG-1236	FC-9230
PXG2448	Purex SM/SMBW 2048 / 4048	10 3/4"	25 3/8"	48	07-4924	FG-1248	FC-9240
PXG3060	Purex SM/SMBW 2060 / 4060	10 3/4"	31 5/16"	60	07-4925	FG-1260	FC-9250

Check out the Pleatco Filter Cartridge Finder for quick access to find the right cartridges on-the-go: www.pentair.com/filterfinder

PENTAIR
POOL

FILTERS

Updated September 2025

NOTES:

CLEAN & CLEAR® PLUS FILTERS

FIBERGLASS REINFORCED POLYPROPYLENE TANK

Featured Highlights

- Certified to NSF/ANSI Standard 50
- Large filter area for increased dirt capacity
- 1-1/2 in., 100% drain clean-out port
- Continuous High Flow™ Internal Air Relief *
- Base and plumbing kits available
- Injection molded tank
- Balanced hydraulic flow
- Cast Clamp
- Black bulkhead unions
- High Flow manual air relief valve

*Integrated Continuous High Flow Internal Air Relief is operational only when there is unobstructed flow in the circulating system.

Clean & Clear Plus Filter

ULTIMATE FILTRATION INCLUDED PLEATCO ULTRA® CARTRIDGES

TRADEGRADE

Clean & Clear Plus Filters have a corrosion resistant injection molded filter tank featuring strength and reliability. The cartridge assembly uses four easy to clean, non-woven, polyester cartridges. Each filter is supplied with a bulkhead union set for easy installation.

Watch safety video on: pentair.com/poolfiltersafety

Ordering Information

Product	Model	Effective Filtration Area (Sq. Ft.)	Flow Rate[2] (GPM Res)	Turnover Capacity (In Gallons) 8 Hour	10 Hour	12 Hour	Carton Qty.	Carton Wt. (Lbs.)
CLEAN & CLEAR PLUS FILTERS								
160340	CCP320 [1]	320	120	57,600	72,000	86,400	1	70
160301	CCP420 [1]	420	150	72,000	90,000	108,000	1	80
160332	CCP520 [1]	520	150	72,000	90,000	108,000	1	90
CLEAN & CLEAR PLUS REPLACEMENT CARTRIDGES								
179133	Model 240 Pleatco Ultra Replacement Cartridges (4/Pack)							
ULTRA-A4-PAK4	Model 240 Pleatco Ultra Replacement Cartridges (4/Pack)							
179134	Model 320 Pleatco Ultra Replacement Cartridges (4/Pack)							
ULTRA-A5-PAK4	Model 320 Pleatco Ultra Replacement Cartridges (4/Pack)							
179135	Model 420 Pleatco Ultra Replacement Cartridges (4/Pack)							
ULTRA-A6-PAK4	Model 420 Pleatco Ultra Replacement Cartridges (4/Pack)							
179136	Model 520 Pleatco Ultra Replacement Cartridges (4/Pack)							
ULTRA-A7-PAK4	Model 520 Pleatco Ultra Replacement Cartridges (4/Pack)							

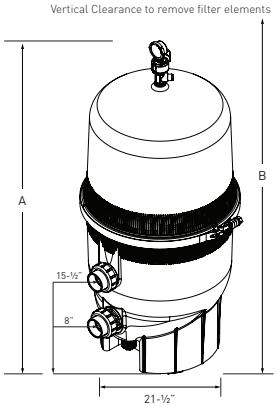
[1] Certified to NSF/ANSI Standard 50.

[2] Residential rate .375 GPM per sq. ft. of filter area.

Certified to NSF/ANSI Standard 50

Dimension Table

Model	A Dim.	B Dim.
160340	43"	62"
160301	49"	68"
160332	56"	74"



Dimensions and Performance

Note: Actual system flow will depend on plumbing size and other system components.

Note: Pentair does not recommend flow rates above 150 GPM.

Note: Operating Limits – maximum continual operating pressure of 50 PSI. Pool/spa (bather) applications, maximum operating water temperature (internal filter) 104°F (40°C).

CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
⚠ **AVERTISSEMENT:** Peut Causer le Cancer et des Dommages au Système Reproducteur.
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov.

SEE PAGE 331 FOR REPLACEMENT PARTS

CLEAN & CLEAR® FILTERS

FIBERGLASS REINFORCED POLYPROPYLENE TANK

TRADEGRADE

Clean & Clear Filter

Featured Highlights

- Certified to NSF/ANSI Standard 50
- Unionized connections
- Integrated continuous High Flow™ Internal Air Relief *
- Chemical resistant tank body
- Lock ring with spring-loaded safety latches
- Coreless cartridge for easy cleaning
- High Flow manual air relief valve
- 1 in. drain and wash out
- Single piece base and body design

* Integrated continuous High Flow internal air relief is operational only when there is unobstructed flow in the circulating system.

The Clean & Clear Filter features a chemical resistant tank with no-tool servicing and a coreless cartridge for easier cleaning. All models are equipped with easy spin-on unions for plumbing hook-ups. These filters are certified to NSF/ANSI Standard 50 and available in 50, 75, 100, 150, and 200 square foot sizes.

Watch safety video on: pentair.com/poolfiltersafety

Ordering Information

Product	Model	Effective Filtration Area (Sq. Ft.)	Flow Rate [1] (GPM Res)	Turnover Capacity (In Gallons) 8 Hour	10 Hour	12 Hour	Carton Qty.	Carton Wt. (Lbs.)
CLEAN & CLEAR FILTERS								
160316	CC 100	100	100	48,000	60,000	72,000	1	33
160317	CC 150	150	150	72,000	90,000	108,000	1	35
160318	CC 200	200	150	72,000	90,000	108,000	1	35
CLEAN & CLEAR REPLACEMENT CARTRIDGES								
ULTRA-C3	CC 100	Pleatco Ultra Replacement Cartridge						
ULTRA-C4	CC 150	Pleatco Ultra Replacement Cartridge						
ULTRA-C5	CC 200	Pleatco Ultra Replacement Cartridge						

[1] One GPM per sq. ft. shown recommended flow rate .5 GPM per sq. ft.

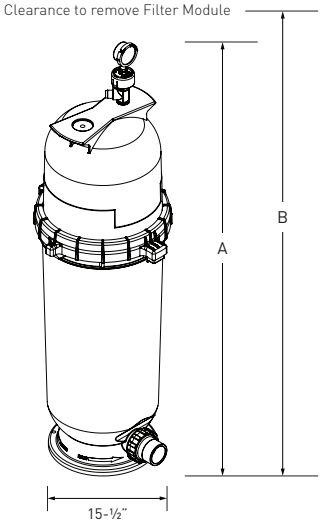
Dimensions and Performance

Note: Actual system flow will depend on plumbing size and other system components.

Note: Pentair does not recommend flow rates above 150 GPM.

Note: Operating Limits – maximum continual operating pressure of 50 PSI. Pool/spa (bather) applications, maximum operating water temperature (internal filter) 104°F (40°C).

SEE PAGE 331 FOR REPLACEMENT PARTS



Certified to NSF/ANSI Standard 50

Dimension Table

Model	A Dim.	B Dim.
160315	25-1/2"	39"
160316	33"	61"
160317	40-1/2"	76"
160318	40-1/2"	76"

CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
⚠ **AVERTISSEMENT:** Peut Causer le Cancer et des Dommages au Système Reproducteur.
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov.

CLEAN & CLEAR® RP FILTERS

FIBERGLASS REINFORCED POLYPROPYLENE TANK

Featured Highlights

- Cartridge is easy to remove and rinse
- Low–force, quick–connect diamond–seal fastens easily with no tools required
- Chemical resistant tank body
- High Flow™ Manual Air Relief* valve and continuous internal air relief
- 1-1/2 in. drain and washout for quick and convenient maintenance and winterization
- Easy turn Lock-ring

* Integrated continuous High Flow internal air relief is operational only when there is unobstructed flow in the circulating system.

ULTIMATE FILTRATION INCLUDED PLEATCO ULTRA® CARTRIDGES

TRADEGRADE

Inside, the Clean & Clear RP Filter has increased cartridge surface consistency to block and trap particles as small as 20 microns.

Watch safety video on: pentair.com/poolfiltersafety

Ordering Information

Product	Model	Effective Filtration Area (Sq. Ft.)	Flow Rate [1] (GPM Res)	Turnover Capacity (In Gallons) 8 Hour	10 Hour	12 Hour	Carton Qty.	Carton Wt. (Lbs.)
CLEAN & CLEAR RP FILTERS								
160354	CCRP 100	100	100	48,000	60,000	72,000	1	33
160355	CCRP 150	150	150	72,000	90,000	108,000	1	35
160353	CCRP 200	200	150	72,000	90,000	108,000	1	35
CLEAN & CLEAR RP REPLACEMENT CARTRIDGES								
ULTRA-C3	CCRP 100	Pleatco Ultra Replacement Cartridge						
ULTRA-C4	CCRP 150	Pleatco Ultra Replacement Cartridge						
ULTRA-C5	CCRP 200	Pleatco Ultra Replacement Cartridge						

[1] One GPM per sq. ft. shown recommended flow rate .5 GPM per sq. ft.

Certified to NSF/ANSI Standard 50

Clean & Clear RP		
Model	A Dim	B Dim
160354	33"	61"
160355	40.5"	76"
160353	40.5"	76"

CALIFORNIA PROPOSITION 65 WARNING

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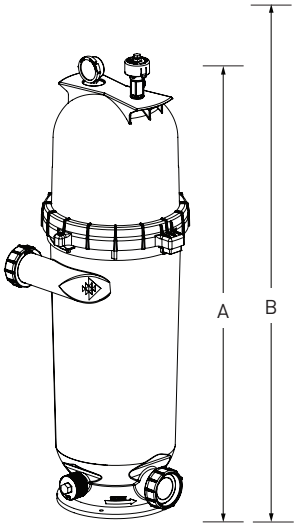
www.p65warnings.ca.gov.

Clearance to remove Filter Module



Dimensions and Performance

Note: Actual system flow will depend on plumbing size and other system components.

Note: Pentair does not recommend flow rates above 150 GPM.

Note: Operating Limits – maximum continual operating pressure of 50 PSI. Pool/spa (bather) applications, maximum operating water temperature (internal filter) 104°F (40°C).

SEE PAGE 331 FOR REPLACEMENT PARTS

DYNAMIC® FILTER SERIES

FOR SPAS, HOT TUBS, AND SWIMMING POOLS

Dynamic Filter Series

Featured Highlights

- Free standing base optional on all but DSC models
- Cartridges are manufactured using high-quality filter media

The Dynamic Filter Series line includes in-line, top load, flange lily pad and safety skim filters with automatic chemical dispensers and a host of features created for the leading spa manufacturers throughout the country.

Ordering Information

Product	Model	Description	Effective Filtration Area (Sq. Ft.)	Max GPM	Plumbing Size	Filter Dimensions		Carton Qty.	Carton Wt. (Lbs.)
						Height	Diameter		
DYNAMIC FILTER SERIES II TOP LOAD 2 in. HIGH FLOW FILTERS									
R172502J	RTL 25	Slip, 3 oz. cartridge	25	100	2 in. socket	18 in.	8-1/4 in.	4	27
R172504B	RTL 50	Slip, 3 oz. cartridge	50	100	2 in. socket	18 in.	8-1/4 in.	4	28
R172505	RTL 100	Slip, 3 oz. cartridge	100	100	2 in. socket	31-1/2 in.	8-1/4 in.	4	32
DYNAMIC FILTER SERIES III TOP LOAD 2 in. HIGH FLOW FILTERS WITH CHLORINE/BROMINE DISPENSERS									
R172523	RCF 25	Slip, 3 oz. cartridge	25	100	2 in. socket	18 in.	8-1/4 in.	4	28

[1] All available in white. For sterling silver top add "SS" to order number. For dark grey add "DG."

CALIFORNIA PROPOSITION 65 WARNING

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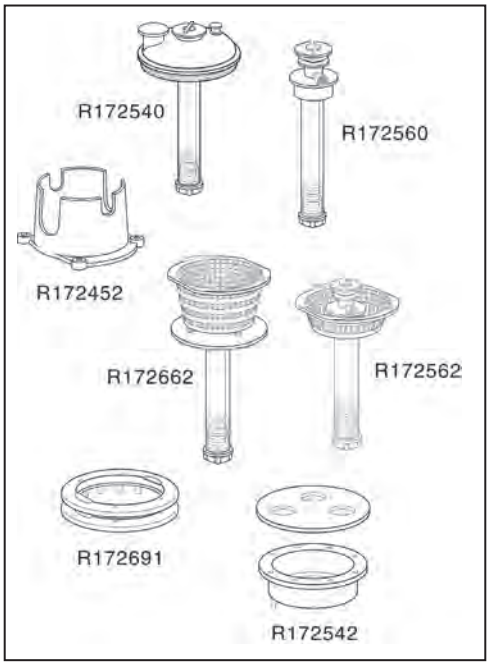
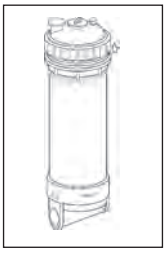
SEE PAGE 331 FOR REPLACEMENT PARTS

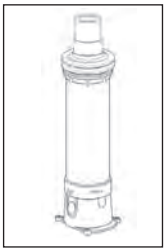
DYNAMIC® FILTER SERIES (CONT'D)

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
	ACCESSORIES FOR DYNAMIC FILTER SERIES II, III, IV, V		
R172452	Free standing base for Dynamic Filter Series II and III	Bulk	
R172540	Chlorine/Bromine Dispenser for Dynamic Filter Series II and III	Bulk	



RLT-25


RCF-25


DMFL-25

CALIFORNIA PROPOSITION 65 WARNING

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www.p65warnings.ca.gov. PIN 20017-A

SEE PAGE 331 FOR REPLACEMENT PARTS

SYSTEM⁝3™ MODULAR MEDIA FILTERS

SM SERIES FILTERS

STA-RITE

TRADEGRADE

System⁝3 Modular Media Filter
SM Series

Featured Highlights

- Typical Installation – Inground pools, inground hot tubs, and water features
- Quality Construction – Durable two-piece tank housing constructed of Dura-Glas™, Sta-Rite's industry leading glass reinforced composite resin
- Innovative Design – The modular media concept incorporates media science, perfectly balanced flow, and an integral manifold design
- Low Maintenance – Complete media coverage combined with shallow pleats means greater dirt holding capabilities, resulting in longer filter cycles and less cleaning
- Quick Service – The shallow pleat design allows you to simply hose off the elements in a matter of minutes, making servicing a snap
- Dual Drain Plugs – Side plug available for plumbing to waste, while the bottom plug will drain entire filter

With the System ⁝ 3 Modular Media Filter, Sta-Rite brings you the product that makes Ultra-Capacity Filtration™ a reality. No longer simply "cartridges", Sta-Rite's modular media concept incorporates balanced flow, and an integral manifold design. This filtration concept aids in care-free operation within reach of today's pool owners. Modular Filter Tanks allow for quick change of filter medias without changing the tank. Contemporary style and matte black finish looks attractive in any pool setting.

Ordering Information

Product	Effective Filter Area (Sq. Ft.)	Flow Rated [1] GPM (Sq. Ft.)	Turnover Capacity (In Gallons) (Flow Rate x 60 x Hours)			Tank Port Size	Carton Wt. (Lbs.)
			6 Hour	8 Hour	10 Hour		
SYSTEM⁝3 MODULAR MEDIA FILTER - SM SERIES							
S7M120	300	50–100	18–36,000	24–48,000	30–60,000	2 in.	120
S7M400 [1]	400	50–115	18–41,000	24–55,000	30–69,000	2 in.	125
S8M150 [1]	450	50–124	18–45,000	24–60,000	30–74,000	2 in.	147
S8M500 [1]	500	50–130	18–46,000	24–62,400	30–78,000	2 in.	150

[1] Based on NSF rated flow range of .333 GPM per square foot for the S7M120.

.288 GPM per square foot for the S7M400, .275 GPM for the S8M150 and .26 GPM per square foot for the S8M500.

Note: No backwash valve required.

Note: Operating Limits – maximum continual operating pressure of 50 PSI. Pool/spa (bather) applications, maximum operating water temperature (internal filter) 104°F (40°C).

CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
⚠ **AVERTISSEMENT:** Peut Causer le Cancer et des Dommages au Système Reproducteur.
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov. P/N 350174-A

SEE PAGE 331 FOR REPLACEMENT PARTS

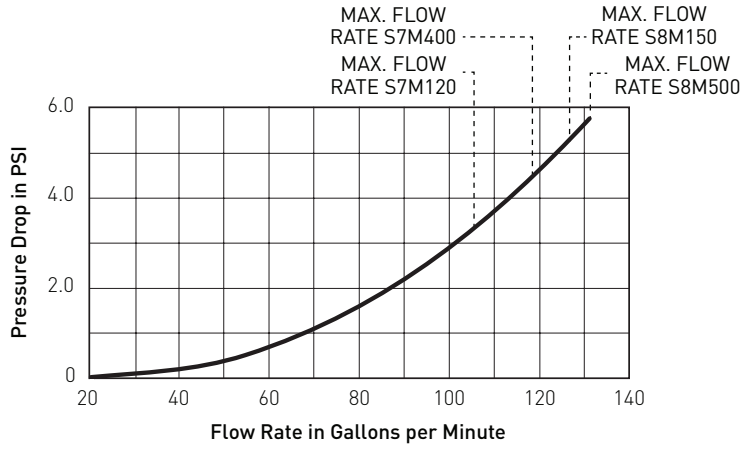
SYSTEM 3™ MODULAR MEDIA FILTERS (CONT'D)

SM SERIES FILTERS

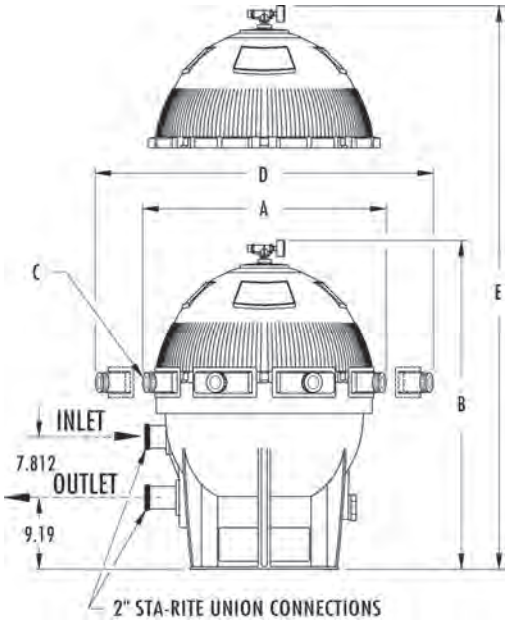
Ordering Information

Product	Description	Carton Wt. (Lbs.)
	ACCESSORIES FOR SYSTEM 3 MODULAR MEDIA FILTER - SM SERIES	
PKG 188Z	Union x 2 in. Slip Adapter - Pkg. of 2	1
PKG 189	Union x 2 in. FPT Adapter - Pkg. of 2	1
77703-0100	Union x 1-1/2 in. FPT Adapter - Pkg. of 2	1
77703-0101	Union x 1-1/2 in. Slip Adapter - Pkg. of 2	1
25021-0200S	100 sq. ft. Inner Replacement Module for S7M120	9
25022-0201S	200 sq. ft. Outer Replacement Module for S7M120	21
25021-0223S	136 sq. ft. Inner Replacement Module for S7M400	11
25022-0224S	264 sq. ft. Outer Replacement Module for S7M400	24
25021-0202S	191 sq. ft. Inner Replacement Module for S8M150	18
25022-0203S	259 sq. ft. Outer Replacement Module for S8M150	27
25021-0224S	209 sq. ft. Inner Replacement Module for S8M500	19
25022-0225S	291 sq. ft. Outer Replacement Module for S8M500	28
25021-0021	Modular Media Conversion Kit - S7M120/S7M400 (Order Modules Separately)	4
25021-0025	Modular Media Conversion Kit - S8M150/S8M500 (Order Modules Separately)	5
170145	S7M120 Inner & Outer Replacement Cartridge Pack	35
170146	S7M400 Inner & Outer Replacement Cartridge Pack	35
170147	S8M150 Inner & Outer Replacement Cartridge Pack	50
170148	S8M500 Inner & Outer Replacement Cartridge Pack	50

Dimensions and Performance



Certified to NSF/ANSI Standard 50



	DIMENSION				
Catalog Number	A	B	C	D	E
S7M120/S7M400	28-1/2	42	7	36	50
S8M150/S8M500	32-1/2	42-1/4	8	40	50

A = width
B = height
C = number of clamps
D = area (width) needed to take off clamps
E = area (height) needed to remove top half of tank

All dimensions shown in inches.

SEE PAGE 331 FOR REPLACEMENT PARTS

SYSTEM:2™ MODULAR MEDIA FILTERS

PLM SERIES FILTERS

STA-RITE

TRADEGRADE

System:2 Modular Media Filters
PLM Series

Featured Highlights

- Typical Installation – aboveground pools, inground pools, and inground hot tubs
- Quality Construction – Durable two-piece tank housing constructed of rugged ABS thermoplastic to ensure a long-lasting tank life
- Easy Access – Posi-Ring Locking Ring provides fast access to tank internals
- Innovative Design – The innovative balanced flow design first introduced with the System⁝3 Modular Media filter is available in the smaller System:2 filter
- Low Maintenance – Complete media coverage combined with shallow pleats means greater dirt holding capabilities, resulting in longer filter cycles and less cleaning
- Large Drain Plug – Filter includes 2 in. NPT Drain ports, which are provided with reducer bushing and 1-1/2 in. drain plug

Sta-Rite's modular media filtration is a great match for both the inground and aboveground pool markets. Advances in media technology and balanced flow design provide the optimal dirt holding capabilities. The small diameter footprint makes the System:2 filter a great fit for new and retrofit installations.

Modular Filter Tanks allow for quick change of filter medias without changing the tank. Contemporary style and matte black finish looks attractive in any pool setting.

Ordering Information

Product	Effective Filter Area (Sq. Ft.)	Flow Rated[1] GPM (Sq. Ft.)	Turnover Capacity (In Gallons) (Flow Rate x 60 x Hours)			Tank Port Size	Carton Wt. (Lbs.)
			6 Hour	8 Hour	10 Hour		
SYSTEM:2 MODULAR MEDIA FILTER - PLM SERIES							
PLM150	150	56–150	20–54,000	27–72,000	34–90,000	2 in.	43
PLM200	200	75–150	27–54,000	36–72,000	45–90,000	2 in.	45
PLM300	300	113–150	41–54,000	54–72,000	68–90,000	2 in.	53

[1] Based on NSF recommended flow rate for commercial at .375 GPM per square foot.

Note: No backwash valve required.

Note: Operating Limits – maximum continual operating pressure of 50 PSI. Pool/spa (bather) applications, maximum operating water temperature (internal filter) 104°F (40°C).

CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov. PIN 20017-A

SEE PAGE 331 FOR REPLACEMENT PARTS

SYSTEM:2™ MODULAR MEDIA FILTERS (CONT'D)

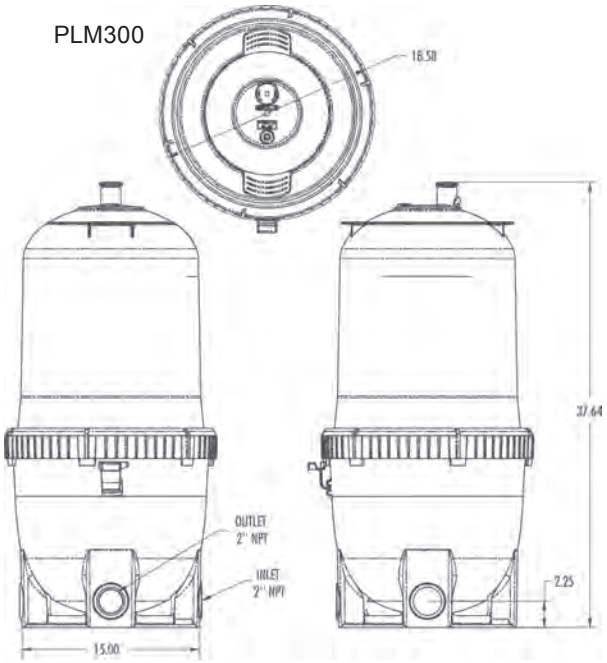
PLM SERIES FILTERS

Ordering Information

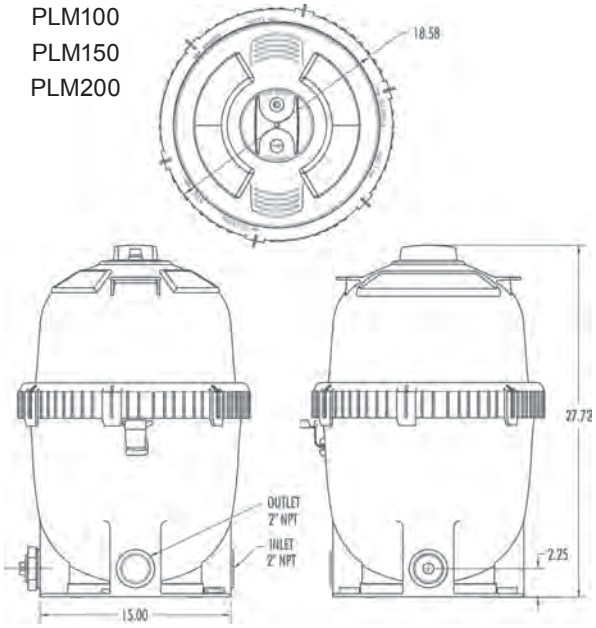
Product	Description	Carton Wt. (Lbs.)
	ACCESSORIES FOR SYSTEM:2 MODULAR MEDIA FILTER - PLM SERIES	
27002-0100S	100 Sq. Ft. Replacement Module for PLM100	11
27002-0125S	125 Sq. Ft. Replacement Module for PLM125	11.5
27002-0150S	150 Sq. Ft. Replacement Module for PLM150	12
27002-0175S	175 Sq. Ft. Replacement Module for PLM175	13
27002-0200S	200 Sq. Ft. Replacement Module for PLM200	14
27002-0300S	300 Sq. Ft. Replacement Module for PLM 300	19
U78-820P	2 in. x 1-1/2 in. Pipe Reducer Bushing	8 oz.
27001-0130S	Spring Check Valve	1

Dimensions and Performance

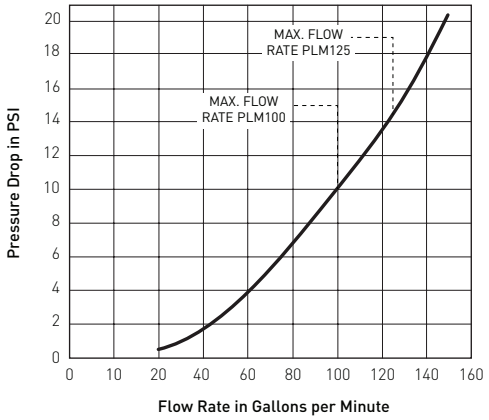
PLM300



PLM100
PLM150
PLM200



All dimensions shown in inches.



PLM100, PLM125, PLM150, PLM175, PLM200, PLM300

Certified to NSF/ANSI Standard 50

SEE PAGE 331 FOR REPLACEMENT PARTS

POSI-CLEAR™ RP FILTERS

FIBERGLASS REINFORCED POLYPROPYLENE TANK

STA-RITE

ULTIMATE FILTRATION INCLUDED PLEATCO ULTRA® CARTRIDGES

TRADEGRADE

Featured Highlights

- Certified to NSF/ANSI Standard 50
- Unionized connections
- Integrated continuous High Flow™ Internal Air Relief *
- Chemical resistant tank body
- Lock ring with spring-loaded safety latches
- Coreless cartridge for easy cleaning
- High Flow Manual Air Relief valve
- 1 in. drain and wash out
- Single piece base and body design

The Posi-Clear RP Filter features a chemical resistant tank with no-tool servicing and a coreless cartridge for easier cleaning. All models are equipped with easy spin-on unions for plumbing hook-ups. These filters are certified to NSF/ANSI Standard 50 and available in 100, 150, and 200 square foot sizes.

*Integrated continuous High Flow internal air relief is operational only when there is unobstructed flow in the circulating system.

Ordering Information

Product	Model	Effective Filtration Area (Sq. Ft.)	Flow Rate [1] (GPM Res)	Turnover Capacity (In Gallons) 8 Hour	10 Hour	12 Hour	Carton Qty.	Carton Wt. (Lbs.)
POSI-CLEAR RP FILTERS								
160351	PXCRP100	100	100	48,000	60,000	72,000	1	33
160352	PXCRP150	150	150	72,000	90,000	108,000	1	35
160350	PXCRP200	200	150	72,000	90,000	108,000	1	35
POSI-CLEAR RP REPLACEMENT CARTRIDGES								
ULTRA-C3	PXCRP100	Pleatco Ultra Replacement Cartridge						
ULTRA-C4	PXCRP150	Pleatco Ultra Replacement Cartridge						
ULTRA-C5	PXCRP200	Pleatco Ultra Replacement Cartridge						

[1] One GPM per sq. ft. shown recommended flow rate .5 GPM per sq. ft.

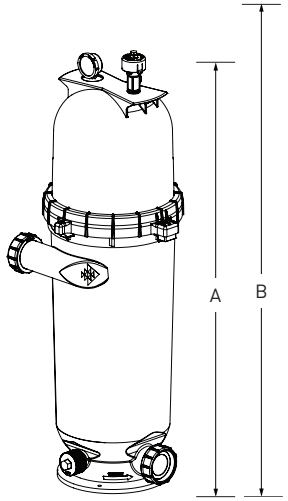
Dimensions and Performance

Certified to NSF/ANSI Standard 50

Posi-Clear RP		
Model	A Dim	B Dim
160351	33"	61"
160352	40.5"	76"
160350	40.5"	76"

SEE PAGE 331 FOR REPLACEMENT PARTS

Clearance to remove Filter Module



Note: Actual system flow will depend on plumbing size and other system components.

Note: Pentair does not recommend flow rates above 150 GPM.

Note: Operating Limits – maximum continual operating pressure of 50 PSI. Pool/spa (bather) applications, maximum operating water temperature (internal filter) 104°F (40°C).

CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov.

FULLFLOXF®

HIGH EFFICIENCY FILTERS

Featured Highlights

- Greater filtration reduces tiny particles for a sparkling pool experience
- Enhanced design and balanced flow enable 25% greater energy efficiency and lower operating cost when compared to the Clean & Clear(R) Plus filter*
- Ideal for large and premium pools, longer filtration cycles extend periods between cleanings
- Chemical-resistant, fiberglass tanks are designed for exceptional strength and durability
- 2.5 inch internal plumbing

*Statements of filter performance are based on estimates. Actual performance may vary and is not guaranteed. Estimates for filter efficiency are based on the power required to pump 150 GPM of water through a Clean & Clear® Plus 520 filter using a IntelliFlo® VSF pump verses a FullFloXF C620 filter using an IntelliFlo VSF Pump.

The FullFloXF family of high efficiency pool filters offers greater filtration, easy maintenance, and longer runs between cleanings.

ULTIMATE FILTRATION INCLUDED PLEATCO ULTRA® CARTRIDGES

TRADEGRADE

FV-Series Grid Style D.E. Filter

Ordering Information

Product	Model	Media Type	Filter Area (sq.Ft.)	Vertical Clearance**	Filter	Plumbing Size	Flow Rate (GPM)	Turnover Capacity (Gallons) 8 Hours	10 Hours	12 Hours
FULLFLOXF HIGH EFFICIENCY FILTERS										
160448	C620	Cartridge	620	76”	Cartridge	2.5–3”	180	86,400	108,000	129,600
188616	Q120	DE	120	76”	Cartridge Style D.E. Filter	2.5–3”	180	86,400	108,000	129,600
188621	F72	DE	72	92”	Grid Style D.E. Filter	2.5–3”	144	69,120	86,400	103,680
188624	FV60	DE	58	70”	Grid Style D.E. Filter	2”	116	55,680	69,600	83,520
188625	FV72	DE	72	76”	Grid Style D.E. Filter	2”	144	69,120	86,400	103,680

REPLACEMENT ELEMENTS/CARTRIDGES	
C620	ULTRA-A18-PAK4
Q120	178750Z
F72	PFS3672

**Minimum clearance to remove lid and internal elements.

Certified to NSF/ANSI Standard 50

CALIFORNIA PROPOSITION 65 WARNING

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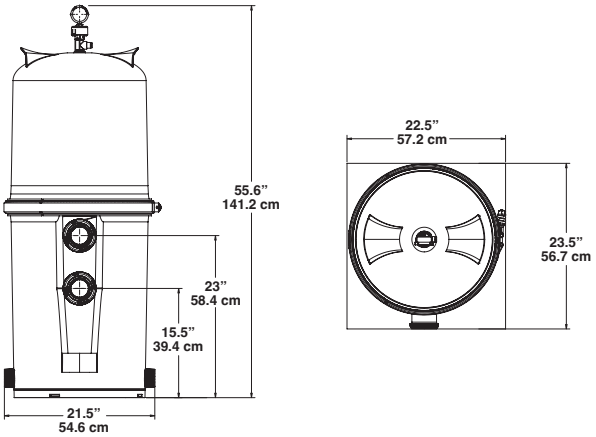
SEE PAGE 331 FOR REPLACEMENT PARTS

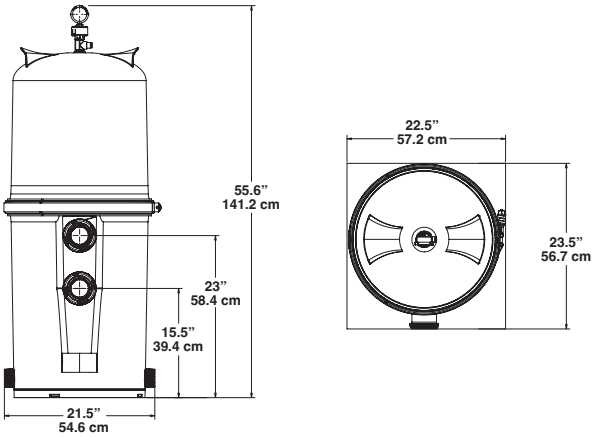
FULLFLOXF® (CONT'D)

HIGH EFFICIENCY FILTERS

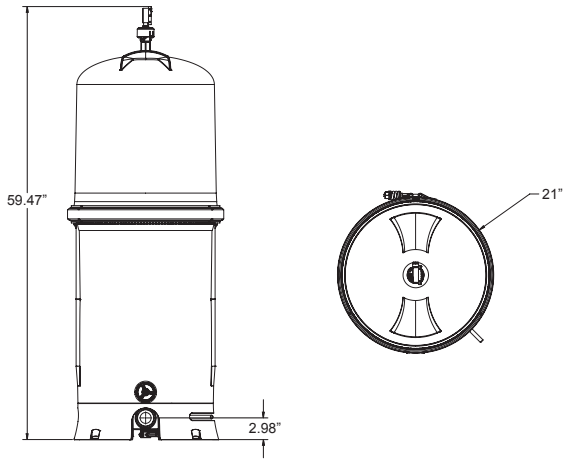
Dimensions and Performance



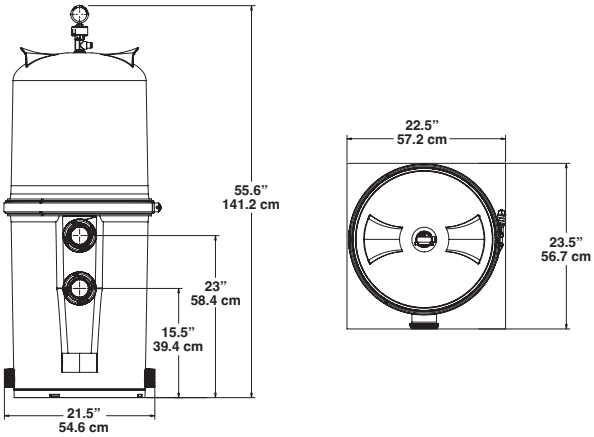
FullFloXF Q-Series



FullFloXF C-Series



FullFloXF FV-Series



FullFloXF F-Series

SEE PAGE 331 FOR REPLACEMENT PARTS

FNS® PLUS FILTERS

FIBERGLASS REINFORCED POLYPROPYLENE MATERIAL, VERTICAL GRID, D.E.

TRADEGRADE

Featured Highlights

- Certified to NSF/ANSI Standard 50
- Service-Ease™ Grid Pack
- Continuous High Flow™ Internal Air Relief *
- Top-to-bottom backwash
- High Flow Manual Air Relief valve
- Cast Clamp
- 1-1/2 in. bottom clean out port
- 7-1/2 in. centerline bulkhead fittings

* Integrated continuous High Flow internal air relief is operational only when there is unobstructed flow in the circulating system.

FNS Plus filters are fiberglass reinforced polypropylene of advanced chemical resistant materials for strength and reliability. The top manifold design features the Service-Ease grid pack for convenient one-at-a-time grid servicing.

CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
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FNS Plus Filter

Ordering Information

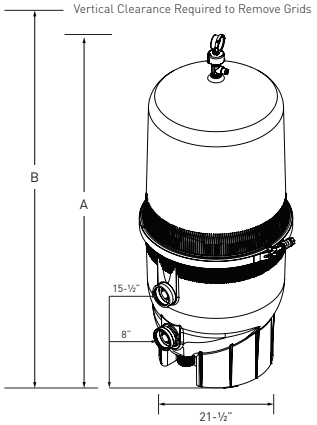
Product	Model	Effective Filtration Area (Sq. Ft.)	Flow Rate [1] (GPM)	Turnover Capacity (In Gallons) 8 Hour	10 Hour	12 Hour	D.E. Required (Lbs.)	Carton Qty.	Carton Wt. (Lbs.)
FNS PLUS FILTERS									
180007	FNSP36	36	72	34,560	43,200	51,840	3.6	1	70
180008	FNSP48	48	96	46,080	57,600	69,120	4.8	1	80
180009	FNSP60	60	120	57,600	72,000	86,400	6.0	1	90
FNS PLUS VALVE OPTIONS [2]									
261049	2 in. HiFlow valve, no plumbing							1	7
261142	2 in. HiFlow valve with plumbing for FNS, FNS Plus, NSP filters							1	11
261152	2 in. MPV, threaded for FNS, FNS Plus, NSP filters							1	10
263064	Push pull valve, 7-1/2 in. Center, Almond PVC							1	6
261177	1-1/2 in. MPV, threaded for FNS, FNS Plus, NSP filters							1	7
263081	Valve for D.E., inlet port on bottom, Pentair 2 in. unions glued on XF Valve							1	12
270100	Valve Adaptor Kit 2" Black							1	1
271096	Valve Adaptor Kit 2" White							1	1
FNS PLUS REPLACEMENT GRID ELEMENTS									

198080	FNSP24 Element Only Replacement Pack (7 large, 1 small)	PFS1224	FNSP24 Pleatco Element Only Replacement Pack (7 large, 1 small)
198081	FNSP36 Element Only Replacement Pack (7 large, 1 small)	PFS1836	FNSP36 Pleatco Element Only Replacement Pack (7 large, 1 small)
198082	FNSP48 Element Only Replacement Pack (7 large, 1 small)	PFS2448	FNSP48 Pleatco Element Only Replacement Pack (7 large, 1 small)
198083	FNSP60 Element Only Replacement Pack (7 large, 1 small)	PFS3060	FNSP60 Pleatco Element Only Replacement Pack (7 large, 1 small)

[1] Flow rate is based on 2.0 GPM per sq. ft. of filter area. Actual system flow will depend on plumbing size and other system components.

[2] Valves must be purchased separately.

Note: Operating Limits – maximum continual operating pressure of 50 PSI. Pool/spa (bather) applications, maximum operating water temperature (internal filter) 104°F (40°C).



Dimensions and Performance

Certified to NSF/ANSI Standard 50

Dimension Table

Product	A Dim.	B Dim.
180007	43"	62"
180008	49"	74"
180009	55"	86"

SEE PAGE 331 FOR REPLACEMENT PARTS

QUAD D.E.® FILTERS

CARTRIDGE STYLE FILTER

TRADEGRADE

Quad D.E. Filter

Quad D.E. Filters combine quality filtration with the convenience and easy cleaning features usually found in a cartridge filter. Four easily accessible and removable D.E. cartridges simplify maintenance.

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Featured Highlights

- Four large-capacity cartridges provide maximum filter surface area for greater dirt-trapping capacity and longer periods between cleanings
- Chemical resistant, fiberglass reinforced polypropylene tank for exceptional strength and longer life
- Easily removable cartridge elements make maintenance fast and easy
- The efficient water flow through the Quad D.E. Filter may assist your pump in using less energy

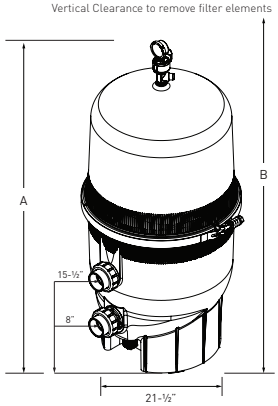
* Integrated continuous High Flow internal air relief is operational only when there is unobstructed flow in the circulating system.

Ordering Information

Product	Model	Effective Filtration Area (Sq. Ft.)	Flow Rate (GPM)	Turnover Capacity (In Gallons)			D.E. Required (Lbs.)	Carton Qty.	Carton Wt. (Lbs.)
				8 Hour	10 Hour	12 Hour			
QUAD D.E. FILTERS									
188592	Quad D.E. 60	60	120	57,600	72,000	86,400	6.0	1	70
188593	Quad D.E. 80	80	160	76,800	96,000	115,200	8.0	1	80
188594	Quad D.E. 100	100	160	76,800	96,000	115,200	10.0	1	90
QUAD D.E. VALVE OPTIONS [1]									
261173	1-1/2 in. MPV, for Triton and Quad D.E. filters (SM 10-3)							1	3
261049	2 in. HiFlow valve, no plumbing							1	11
261050	2 in. HiFlow w/ plumbing, for Triton and Quad D.E. filters							1	10
261055	2 in. MPV, for Triton and Quad D.E. filters (SM 20-3)							1	5
263064	Push pull valve, 7-1/2 in. Center, Almond PVC							1	4
270100	Union Kit, 2 in. I.D. (For no valve assembly)							1	1
274426	Adapter Kit, 2-1/2 in. x 2 in.							1	1
263080	Valve for D.E., inlet port on bottom, Pentair 2 in. unions glued on XF Valve							1	12

[1] Valves must be purchased separately.

Dimensions and Performance



Certified to NSF/ANSI Standard 50

Product	A Dim.	B Dim.
188592	43"	62"
188593	49"	68"
188594	56"	74"

Note: Actual system flow will depend on plumbing size and other system components.

Note: Pentair does not recommend flow rates above 150 GPM.

Note: Operating Limits – maximum continual operating pressure of 50 PSI. Pool/spa (bather) applications, maximum operating water temperature (internal filter) 104°F (40°C).

SEE PAGE 331 FOR REPLACEMENT PARTS

SYSTEM:2™ MODULAR D.E. FILTERS

PLDE SERIES FILTERS

STA-RITE

TRADEGRADE

Featured Highlights

- Typical Installations – Inground pools and inground hot tubs
- Quality Construction – Durable two-piece tank housing constructed of rugged ABS thermoplastic to ensure a long-lasting tank life
- Easy Access – Posi-Ring Locking Ring provides easy access to tank internals
- Innovative Design – The innovative, balanced-flow design – first introduced with the System 3 Modular Media filter is available in the smaller System:2 filter.
- The small diameter footprint makes the System:2 filter a great fit for new and retrofit installations
- Modular Filter Tanks – Allows for quick change of filter medias without changing the tank plumbing

System:2 Modular D.E. Filters
PLDE Series

Sta-Rite delivers the benefits of D.E. filtration in a variation of their proven modular media technology. A single replaceable grid delivers improved water quality without the complex workings of other D.E. filters. This innovative one-piece design is fully backwashable and can be plumbed with or without a backwash valve. 2 in. union valves are included for installations electing not to use a backwash valve. For deep-down cleaning, simply remove the filter lid and hose off in place. No more hassle of tearing down the grid assembly for cleaning and servicing. Contemporary style and matte black finish looks attractive in any pool setting.

Ordering Information

Product	Effective Filter Area (Sq. Ft.)	Flow Rated [1] at 1–2 GPM (per Sq. Ft.)	Turnover Capacity (Gallons) (Flow Rate x 60 x Hours) 6 Hour	8 Hour	10 Hour	Tank Port Size	D.E.[2] Required (Lbs.)	Carton Wt. (Lbs.)
SYSTEM:2 MODULAR D.E. FILTER - PLDE SERIES								
PLDE48	48	48–96	17–34,000	23–46,000	29–57,600	2 in.	7.2	46
PLDE VALVE OPTIONS [3]								
18201-0300	ABS 6-Position Valve with Union Connections – 2 in. Valve Port							8
263053	VLV Push Pull, 7.81 in. center							12
262509	Valve with filter inlet port on top, no fittings, only valve							12

[1] Based on NSF recommended flow rate for commercial at 1–2 GPM per square foot.

[2] Do not use more D.E. than shown here. Mixed results with D.E. alternatives.

[3] Valves must be purchased separately.

Note: Operating Limits – maximum continual operating pressure of 50 PSI. Pool/spa (bather) applications, maximum operating water temperature (internal filter) 104°F (40°C).

CALIFORNIA PROPOSITION 65 WARNING

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SEE PAGE 331 FOR REPLACEMENT PARTS

SYSTEM:2™ MODULAR D.E. FILTERS (CONT'D)

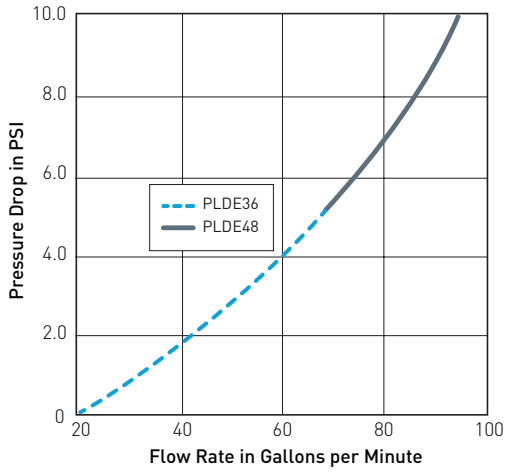
PLDE SERIES FILTERS

Ordering Information

Product	Description	Carton Weight (Lbs.)
ACCESSORIES FOR SYSTEM:2 MODULAR D.E. FILTER - PLDE SERIES		
27002-0036S	36 sq. ft. Replacement Module for PLD50, PLDE36	10
27002-0048S	48 sq. ft. Replacement Module for PLDE48	11
PKG 188Z	2 in. Union Half x 2 in. Slip - Package of 2	1

Dimensions and Performance

Product	For Pools Up To (Gal.) 8 Hr. Turnover	Filter Area Sq. Ft.	Original Flow Rate (GPM)	D.E. Required (Lbs.)
PLDE SERIES FILTER PERFORMANCES				
PLDE36	35,000	36	54	5.4
PLDE48	46,000	48	72	7.2



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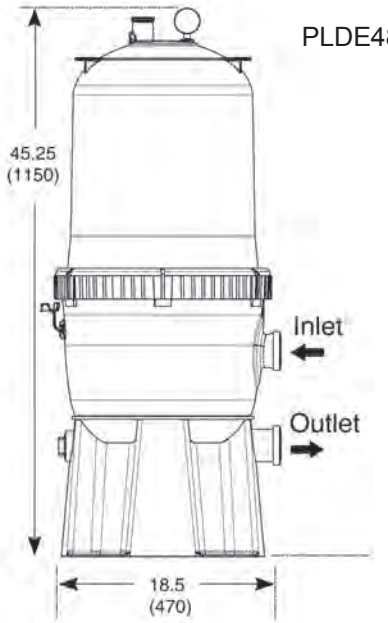
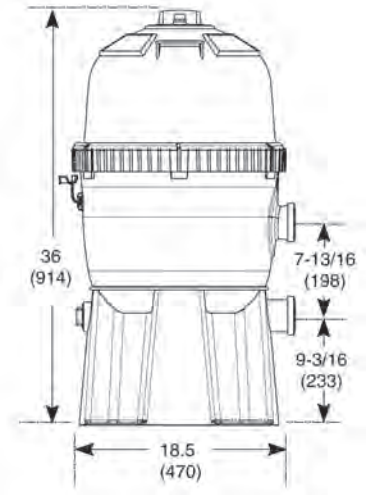
PLDE48



PLDE36

All dimensions shown in inches.



SEE PAGE 331 FOR REPLACEMENT PARTS

SYSTEM:3® MODULAR D.E. FILTERS

SMD SERIES FILTERS

STA-RITE

TRADEGRADE

Featured Highlights

- Typical Installations – Inground pools, inground hot tubs, and water features
- Quality Construction – Durable two-piece tank housing constructed of Dura-Glas™, Sta-Rite's glass-reinforced composite resin
- Easy Access – Posi-Lok™ Clamps provides easy access to tank internals
- Modular Filter Tanks – Allows for quick change of filter medias without changing the tank
- Low Maintenance – Easy backwash capabilities means less manual cleaning of the grids
- Dual Drain Plugs – Side plug assembly includes 1-1/2 in. NPT port for direct discharge plumbing
- Sleek Looks – Contemporary style and matte black finish looks attractive in any pool setting

System:3 Modular D.E. Filters
SMD Series

Sta-Rite is proud to bring you the proven technology of System:3 Modular Media into the world of D.E. With balanced flow and integral manifold design, the System:3 Modular D.E. filter brings pool filtration to new heights. Available in 2 sizes, 60 and 72 sq. ft., System:3 Modular Media D.E. filtration will bring years of sparkling water to your customer's pool or spa. For cleaning, simply remove filter lid and hose off in place. No more hassle of tearing down the grid assembly for cleaning and servicing. The balanced flow design allows for a constant D.E. cake on the entire module, assuring full optimization of the module and longer cycles between cleanings.

Ordering Information

Product	Effective Filter Area (Sq. Ft.)	Flow Rated [1] at 1–2 GPM (per Sq. Ft.)	Turnover Capacity (Gallons) (Flow Rate x 60 x Hours)			Tank Port Size	D.E. Required (Lbs.)	Carton Wt. (Lbs.)
			6 Hour	8 Hour	10 Hour			
SYSTEM:3 MODULAR D.E. FILTERS - SMD SERIES								
S7MD60	60	60–120	21–32,400	28–43,200	36–54,000	2 in.	9	115
S7MD72	72	72–144	25–38,880	34–51,800	43–64,800	2 in.	11	117
SMD SERIES VALVE OPTIONS								
18201-0300	ABS 6-Position Valve with Union Connections – 2 in. Port Valve							8
263053	VLV Push Pull, 7.81 in. center							12
ACCESSORIES FOR SYSTEM:3 MODULAR D.E. FILTER - SMD SERIES								
25023-0160S	60 sq. ft. Replacement D.E. Element							20
25023-0172S	72 sq. ft. Replacement D.E. Element							21
PKG 188Z	Union x 2 in. Slip Adapter – Pkg. of 2							1
PKG 189	Union x 2 in. FPT Adapter – Pkg. of 2							1

[1] Based on NSF recommended flow rate for commercial at 1–2 GPM per square foot.

Note: Operating Limits – maximum continual operating pressure of 50 PSI. Maximum operating water temperature (internal filter) 104°F (40°C).

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SEE PAGE 331 FOR REPLACEMENT PARTS

D.E. SEPARATION TANK 100

Separation Tank 100

Featured Highlights

Quarter turn locking-ring provides quick and easy access for removing debris bag. Offers 2 x 2-1/2 inch unionized fittings. Debris bag holds up to 10 lbs of D.E.

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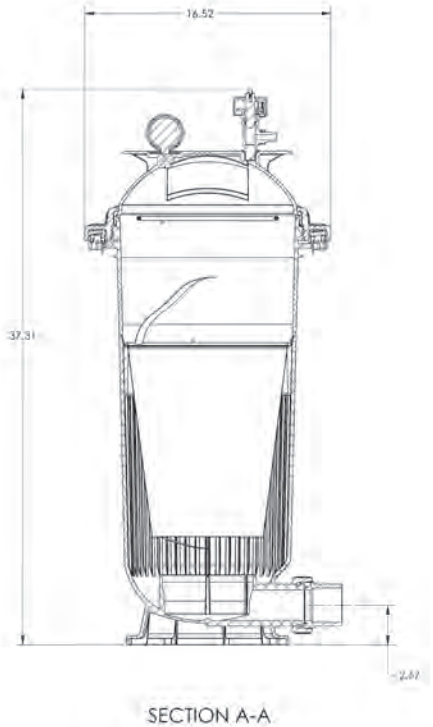
Ordering Information

Product	Pipe For Filters	Connections	Carton Wt. (Lbs.)
D.E. SEPARATION TANK			
300005	100 sq. ft.	2 x 2-1/2 in. SLIP	30

Dimensions and Performance



SECTION A-A

SEE PAGE 331 FOR REPLACEMENT PARTS

SAND DOLLAR® TOP MOUNT FILTER

THERMOPLASTIC TANK WITH CLAMP STYLE MULTIPORT VALVE

TRADEGRADE

Featured Highlights

- Six-position, top-mounted multiport valve
- Combination water and sand drain makes servicing and winterizing fast and easy

The one piece Sand Dollar filter features a clamp style, six-position multiport valve. Special lateral design provides flow characteristics and extended filter cycles to aid economical operation.

Max water temperature for Sand Dollar 95° F.

SD80
with 2 in. valve

Sand Dollar Top Mount Filter

Ordering Information

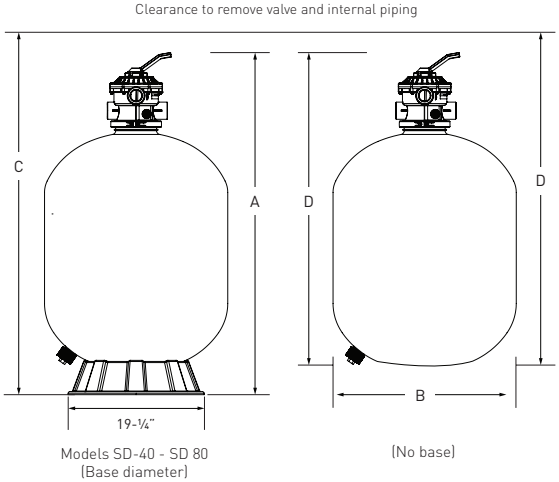
Product	Model	Effective Filtration Area (Sq. Ft.)	Max. Pressure (PSI)	Flow Rate (GPM)	Turnover Capacity (In Gallons)			All Sand Required (Lbs.)	Carton Qty.	Carton Wt. (Lbs.)
					8 Hour	10 Hour	12 Hour			
SAND DOLLAR FILTERS										
145322	SD 60	2.3	40	60	28,800	36,000	43,200	250	1	28
145367	SD 70	3.15	50	70	33,600	42,000	54,000	300	1	58
145333	SD80	3.5	50	75	36,000	45,000	54,000	350	1	76
145386*	SD80 2 in.	3.5	50	75	36,000	45,000	54,000	350	1	76

* with 2 in. valve

Dimensions and Performance

DIMENSION TABLE

Model	A DIM.	B DIM.	C DIM.	D DIM.	E DIM.
SD 60	43-3/4 in.	22-1/2 in.	52-1/2 in.	40-3/4 in.	49-1/4 in.
SD 70	46-1/4 in.	24 in.	57 in.	43-1/4 in.	53-3/4 in.
SD 80	48-3/4 in.	26 in.	65-3/4 in.	45-5/8 in.	62-1/2 in.



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SEE PAGE 331 FOR REPLACEMENT PARTS

TAGELUS® TOP MOUNT FILTER

FIBERGLASS TANK WITH MULTIPORT VALVE, CLAMP STYLE

TRADEGRADE

TA60D
with 2 in. valve

Tagelus Top Mount Filter
(Unions sold separately)

Featured Highlights

- Special lateral design provides flow characteristics and extended filter cycles to aid economical operation
- Maximum Operating Pressure 50 psi
- Combination water and sand drain makes servicing and winterizing fast and easy
- 40 and 60D models standard with plastic clamp

Our process creates a one-piece, fiberglass reinforced tank with strength and durability. Tagelus filters are equipped with a six-position, clamp style, top-mounted multiport valve.

Ordering Information

Product	Model	Effective Filtration Area (Sq. Ft.)	Flow Rate (GPM)	Turnover Capacity (In Gallons)			All Sand Required (Lbs.)	Carton Qty.	Carton Wt. (Lbs.)
				8 Hour	10 Hour	12 Hour			
TAGELUS FILTERS									
145241	TA 60D	3.1	60	28,800	36,000	43,200	325	1	38
145240	TA 100D	4.9	100	48,000	60,000	72,000	600	1	78
145385*	TA60D(2)	3.1	60	28,800	36,000	43,200	325	1	38

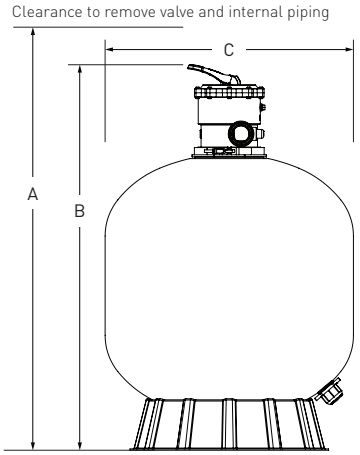
Note: Operating Limits – maximum continual operating pressure of 50 PSI. Maximum operating water temperature (internal filter) 104°F (40°C).

* with 2 in. valve

Dimensions and Performance

DIMENSION TABLE

MODEL	A DIM.	B DIM.	C DIM.
TA 60D	57 in.	42-1/2 in.	24-1/2 in.
TA 100D	65-1/2 in.	47-1/4 in.	30-1/2 in.



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SEE PAGE 331 FOR REPLACEMENT PARTS

TRITON® II SIDE MOUNT FILTERS

FIBERGLASS SAND FILTER WITHOUT VALVES

TRADEGRADE

Featured Highlights

- Heavy-duty closure provides easy inspection, and features an easy-to-read pressure gauge with air relief valve
- Swing-away diffuser allows instant access to sand and all internal parts
- All internal parts are threaded for ease of service
- Internal air bleed
- Bulkhead connectors are threaded for easy installation and service
- Combination sand and water drain makes servicing and winterizing fast and easy
- Maximum Operating Pressure 50 psi

Triton II Side Mount Filter
(Unions not included)

The original and still the industry standard. Our process creates a one-piece, fiberglass reinforced tank with UV resistant surface finish for years of strength and durability. This method locks in fiberglass, preventing fibers from "blooming" under harsh conditions.

Ordering Information

Product	Model	Effective Filtration Area (Sq. Ft.)	Flow Rate (GPM Comm)	Turnover Capacity (In Gal.)			Filter Media		All Sand Req'd (Lbs.)	Ctn Qty.	Ctn Wt. (Lbs.)
				8 Hour	10 Hour	12 Hour	Pea Gravel Req'd (Lbs.)	Sand Req'd (Lbs.)			
TRITON II SAND FILTERS											
140264	TR 60	3.14	63	30,240	37,800	45,360	75	250	325	1	40
140210	TR 100	4.91	74	35,520	44,400	53,280	150	450	600	1	65
140243	TR 140	7.06	106	50,880	63,600	76,320	275	650	925	1	75
TRITON II VALVE OPTIONS [1]											
261173	1-1/2 in. MPV, for sand filters (SM 10-3)									1	6
261049	2 in. HiFlow valve, no plumbing									1	7
261050	2 in. HiFlow w/ plumbing, for sand filters									1	11
261055	2 in. MPV, for sand filters (SM 20-3)									1	10
263064	Push Pull 7-1/2 in. Center Valve, Almond PVC									1	5
263080	Valve for Sand and Quad D.E., inlet port on top, Pentair 2 in. unions glued on XF Valve									1	10

[1] Valves must be purchased separately.

Note: Operating Limits – maximum continual operating pressure of 50 PSI. Maximum operating water temperature (internal filter) 104°F (40°C).

CALIFORNIA PROPOSITION 65 WARNING

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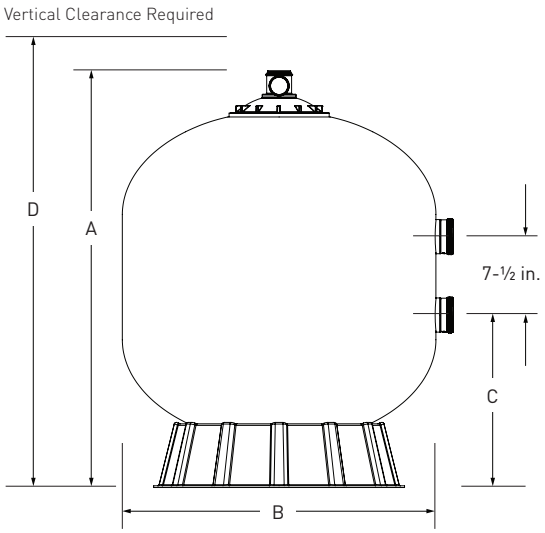
SEE PAGE 331 FOR REPLACEMENT PARTS

TRITON® II SIDE MOUNT FILTERS (CONT'D)

FIBERGLASS SAND FILTER WITHOUT VALVES

Dimensions and Performance

Certified to NSF/ANSI Standard 50



DIMENSION TABLE

MODEL	A. DIM.	B DIM.	C DIM.	D DIM.
TR 60	35-1/2 in.	24-1/2 in.	13-5/8 in.	37-1/2 in.
TR 100	39-3/4 in.	30-1/2 in.	16-1/4 in.	41-3/4 in.
TR 140	45-1/4 in.	36-1/2 in.	18-3/4 in.	47-1/4 in.

SEE PAGE 331 FOR REPLACEMENT PARTS

CRISTAL-FLO™ II TOP-MOUNT FILTERS

HIGH RATE SAND FILTERS

Featured Highlights

- Quality Construction – Durable one-piece extra-thick molded polyethylene tank
- 6-Position Valve – Allows you to perform all necessary water movement functions.
- Large Drain Plug – Large drain plug is easy to get at for removing and installing by hand or with tools if required
- Sleek Looks – Contemporary style with a textured black finish that provides great performance in all weather conditions
- Innovative - Integrated continuous High Flow™ Internal Air Relief *

STA-RITE
TRADEGRADE

Cristal-Flo II
Top-Mount Filters

* Integrated continuous High Flow internal air relief is operational only when there is unobstructed flow in the circulating system.

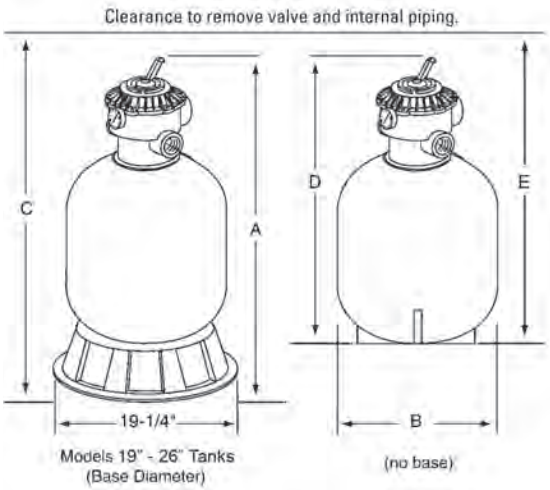
For residential inground or aboveground swimming pools requiring turnover through 54,000 gallons, at flow rates up to 20 GPM for 8 to 10 hours. Permanent media high rate sand filters in 16 in., 19 in., 22 in., 24 in. and 26 in. diameter models accommodate large and small pools, offering a combination of performance, durability, and ease of maintenance. Corrosion-resistant, one-piece, extra-thick molded polyethylene tank assures long service life. Top-mounted, corrosion-resistant multiport selector valve included. Also includes a convenient tank winterizing drain and continuous air relief system. Max Operating Temp 95°F.

Ordering Information

Product	Effective Filtration Area (Sq. Ft.)	Max. Pressure (PSI)	Flow Rate (GPM)	Turnover Capacity (In Gallons)			All Sand Required (Lbs.)	Carton Qty.	Carton Wt. (Lbs.)
				8 Hour	10 Hour	12 Hour			
CRISTAL-FLO II FILTERS									
145361	2.3	40	60	28,800	36,000	43,200	250	1	28
145362	3.15	50	70	33,600	42,000	54,000	300	1	58
145363	3.5	50	75	36,000	45,000	54,000	350	1	76
145387[1]	3.5	50	75	36,000	45,000	54,000	350	1	76

[1] with 2 in. valve

Dimensions and Performance



DIMENSION TABLE

Model	A DIM.	B DIM.	C DIM.	D DIM.	E DIM.
145361	43-3/4 in.	22-1/2 in.	52-1/2 in.	40-3/4 in.	49-1/4 in.
145362	46-1/4 in.	24 in.	57 in.	43-1/4 in.	53-3/4 in.
145363	48-3/4 in.	26 in.	65-3/4 in.	45-5/8 in.	62-1/2 in.
145387	48-3/4 in.	26 in.	65-3/4 in.	45-5/8 in.	62-1/2 in.

CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
⚠ **AVERTISSEMENT:** Peut Causer le Cancer et des Dommages au Système Reproducteur.
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov. P/N 2007143

SEE PAGE 331 FOR REPLACEMENT PARTS

STARK™ SS SERIES FILTERS

HORIZONAL SAND FILTRATION SYSTEMS

Featured Highlights

- All vessel models are NSF 50 certified from 5-20 gpm/sq.ft
- End-manways provide easy access for service and maintenance
- Schedule 80 Face Piping is fully assembled in our factory for ease of installation
- Stark valves and several control options make backwashing simple
- Unparalleled tank construction and exterior all-weather coating

The Stark SS Series Filter Systems are designed with ease of installation, maintenance, and minimal floor space in mind. Vessels are side-by-side, with manway access on the ends and all piping above the vessel(s). All piping ships fully solvent-welded and pre-assembled to ensure fit. 100 psi vessel pressure rating.

CALIFORNIA PROPOSITION 65 WARNING

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Ordering Information

CAPACITY INFORMATION												
# Tanks	System Number	Tank Size	Filtration Area (Sq. Ft.)	Flow (GPM) 12 gpm/sf	Flow (GPM) 15 gpm/sf	Backwash Valve Size/Type	'W'	'L'	'Hs'	Total Media (cu ft)	Operating Weight (lbs.)	Shipping Weight (lbs.)
	RS1-60-04	36" x 60"	13.5	162	203	4"	38"	63"	68"	15.5	4,600	845
	RS1-72-04	36" x 72"	17.2	206	258	4"	38"	75"	68"	19.0	5,500	915
1	SS1-48-04	42" x 48"	12.8	154	192	4"	44"	51"	74"	16.5	4,900	805
	SS1-72-06	42" x 72"	20.0	240	300	6"	44"	75"	86"	26.0	7,500	1,105
	SS1-96-06	42" x 96"	27.0	324	405	6"	44"	99"	86"	36.0	9,800	1,240
	RS2-60-06	36" x 60"	27.0	324	405	4"	77"	63"	70"	31.0	9,400	1,650
	RS2-72-06	36" x 72"	34.4	413	516	4"	77"	75"	70"	38.0	11,000	1,830
2	SS2-48-06	42" x 48"	25.6	307	384	4"	90"	51"	76"	33.0	10,000	1,650
	SS2-72-06	42" x 72"	40.0	480	600	6"	90"	75"	87"	52.0	14,800	2,060
	SS2-96-06	42" x 96"	54.0	648	810	6"	90"	99"	87"	72.0	19,400	2,380
	RS3-60-06	36" x 60"	40.5	486	608	4"	116"	63"	70"	46.5	14,200	2,420
	RS3-72-06	36" x 72"	51.6	619	774	4"	116"	75"	70"	57.0	16,800	2,670
3	SS3-48-06	42" x 48"	38.4	648	576	4"	136"	51"	76"	49.5	14,900	2,420
	SS3-72-08	42" x 72"	60.0	720	900	6"	136"	75"	88"	78.0	22,400	3,140
	SS3-96-08	42" x 96"	81.0	972	1215	6"	136"	99"	88"	108.0	29,400	3,620
	RS4-60-06	36" x 60"	54.0	648	810	4"	155"	63"	70"	62.0	18,900	3,200
	RS4-72-08	36" x 72"	68.8	826	1032	4"	155"	75"	76"	76.0	22,300	3,560
4	SS4-48-06	42" x 48"	51.2	614	768	4"	182"	51"	76"	66.0	19,900	3,200
	SS4-72-08	42" x 72"	80.0	960	1200	6"	182"	75"	88"	104.0	30,200	4,470
	SS4-96-10	42" x 96"	108.0	1296	1620	6"	182"	99"	88"	144.0	39,900	5,145
5	SS5-72-10	42" x 72"	100.0	1200	1500	6"	229"	75"	88"	130.0	38,400	5,650
	SS5-96-10	42" x 96"	135.0	1620	2025	6"	229"	99"	88"	180.0	49,900	6,450
6	SS6-72-10	42" x 72"	120.0	1440	1800	6"	275"	75"	88"	156.0	46,000	6,800
	SS6-96-12	42" x 96"	162.0	1944	2430	6"	275"	99"	97"	216.0	60,800	7,900

SEE PAGE 331 FOR REPLACEMENT PARTS

STARK™ SS SERIES FILTERS (CONT'D)

HORIZONAL SAND FILTRATION SYSTEMS

Dimensions and Performance

Shell & Winding: Robust Dual-Wall Construction for piece of mind and long service life. Entire vessel including domes is wound on a computer-controlled, multi-axis machine.

SS Series Systems Include:

- Manway viewport standard on all Stark tanks
- Stark backwash valves (1 per tank)
- Pre-glued piping utilizing grooved couplings
- Stark diaphragm-style priority valve (on dual-tank systems)

With Fully Automatic (CA100) Control Option

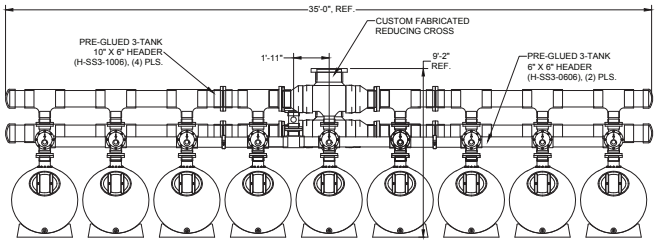
- Effluent Flow Sensor/Saddle
- Temperature Probe

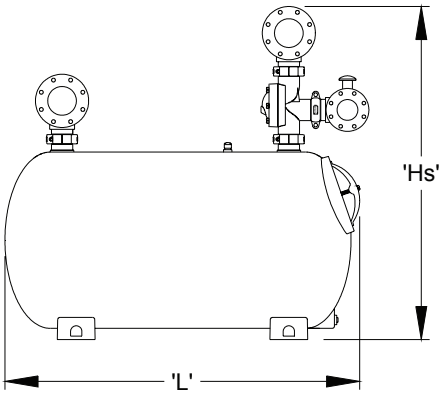
Additional Adders

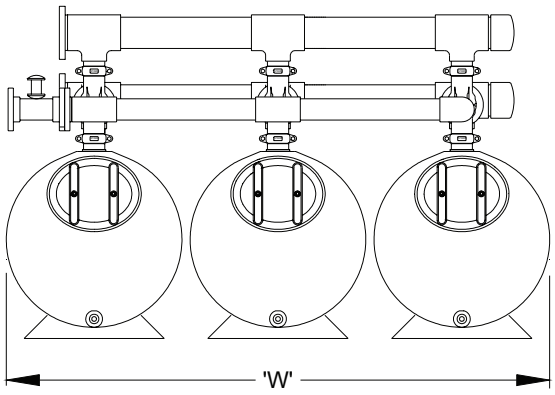
- Pressure Booster System (PBS01)
- Manual or Motorized Butterfly backwash
- Throttling valve for 3+ tank systems
- Advanced backwash controls

Certified to NSF/ANSI Standard 50

Custom Systems Available for your Application.

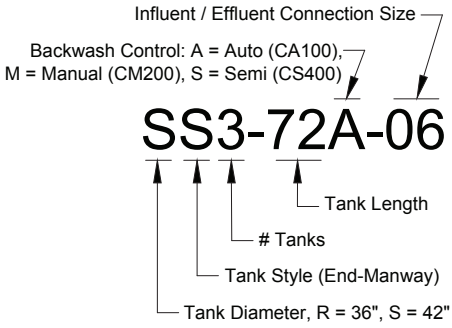






SS Series System Numbering

36" and 42" Dia. Vessels



Notes:

1. Standard header sizing shown is based on 10 fps max. at 15 gpm per sq. ft.
2. For more dimensional detail, consult the appropriate Cut Sheet in our Design Manual.
3. For special requirements including non-standard header sizes / locations and systems consisting of more vessels than shown, please contact our Applications Engineering at PoolApplicationRFQ@pentair.com.

CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

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SEE PAGE 331 FOR REPLACEMENT PARTS

STARK™ S SERIES FILTERS

HORIZONAL SAND FILTRATION SYSTEMS

SB2-144M-08ST

SA2-144M-08

Featured Highlights

- All vessel models are NSF 50 certified from 5-20 gpm/sq.ft
- Solid composite construction - does not employ a bladder
- Vessels can be stacked to minimize footprint. Designed for Seismic Zone 4 loading with additional supports or braces
- Vessels feature all-weather exterior coating with UV inhibitors
- Several backwash control options available
- Multiple influent and effluent pipe locations available - A, B and C style

S Series Systems include: Manway with Viewport standard on all Stark Tanks; Stark backwash valves (1 per tanks); Stark diaphragm-style priority valve (on dual-tank systems).

Additional Adders: Presure Booster System (PBS01); Manual or Morotized Butterfly Backwash; Throttling Valve for 3+ tank systems; Advanced backwash controls.

For use in commercial pool, water park, and many aquarium applications. Standard systems accommodate flows from 135 to 2,500 GPM - custom systems accommodate unlimited flows.

All Stark S Series vessels are corrosion-proof, composite vessels. Systems are available with 100 psi rated filament-wound vessels. All vessels are 42" diameter to offer a great combination of cost and effectiveness for recreational water. Stark Diaphragm Valves and Controls are Standard; butterfly-valve options (including linked valves) are also available.

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Ordering Information

CAPACITY INFORMATION (INDEPENDEDNT OF STYLE / CONFIGURATION)										DIMENSIONS - SIDE-BY-SIDE			
# Tanks	General System Number	Tank Size	Filtration Area (Sq. Ft.)	Flow (GPM) 12 gpm/sf	Flow (GPM) 15 gpm/sf	Backwash Valve Size/Type	Total Media (cu ft)	Operating Weight (lbs.)	Shipping Weight (lbs.)	Descriptive System Number	Single-Tank and Side-by-Side Systems 'W'	'L'	'Hs'
1	S1-48	42" x 48"	12.8	154	192	4"	16.5	5,280	870	SC1-48-04	44"	82"	47"
	S1-72	42" x 72"	20.0	240	300	6"	26.0	7,920	1,110	SA1-72-06	44"	107"	67"
	S1-96	42" x 96"	27.0	324	405	6"	36.0	10,560	1,350	SA1-96-06	44"	122"	67"
	S1-120	42" x 120"	35.0	420	525	6"	45.5	13,200	1,590	SA1-120-06	44"	146"	67"
	S1-144	42" x 144"	41.0	492	615	6"	55.5	15,840	1,830	SA1-144-06	44"	170"	67"
2	S2-48	42" x 48"	25.6	307	384	4"	33.0	10,560	1,740	SC2-48-06	96"	80"	56"
	S2-72	42" x 72"	40.0	480	600	6"	52.0	15,840	2,220	SA2-72-06	99"	92"	86"
	S2-96	42" x 96"	54.0	648	810	6"	72.0	21,120	2,700	SA2-96-06	99"	116"	86"
	S2-120	42" x 120"	70.0	840	1050	6"	91.0	26,400	3,180	SA2-120-08	110"	144"	91"
	S2-144	42" x 144"	82.0	984	1230	6"	111.0	31,680	3,660	SA2-144-08	110"	168"	91"
3	S3-48	42" x 48"	38.4	461	576	4"	49.5	15,840	2,610	SC3-48-06	152"	80"	56"
	S3-72	42" x 72"	60.0	720	900	6"	78.0	23,760	3,330	SA3-72-08	152"	94"	91"
	S3-96	42" x 96"	81.0	984	1215	6"	108.0	31,680	4,050	SA3-96-08	152"	117"	91"
	S3-120	42" x 120"	105.0	1260	1575	6"	136.5	39,600	4,770	SA3-120-10	152"	138"	96"
	S3-144	42" x 144"	123.0	1476	1845	6"	166.5	47,520	5,490	SA3-144-10	152"	162"	96"
4	S4-48	42" x 48"	51.2	614	768	4"	66.0	21,120	3,480	SC4-48-06	200"	80"	56"
	S4-72	42" x 72"	80.0	960	1200	6"	104.0	31,680	4,440	SA4-72-08	200"	94"	91"
	S4-96	42" x 96"	108.0	1296	1620	6"	144.0	42,240	5,400	SA4-96-10	200"	118"	96"
	S4-120	42" x 120"	140.0	1680	2100	6"	182.0	52,800	6,360	SA4-120-10	200"	142"	96"
	S4-144	42" x 144"	164.0	1968	2460	6"	222.0	63,360	7,320	SA4-144-12	200"	168"	100"

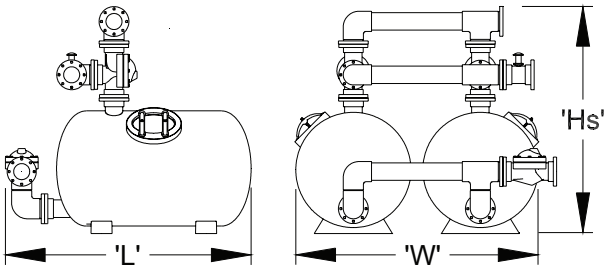
SEE PAGE 331 FOR REPLACEMENT PARTS

STARK™ S SERIES FILTERS (CONT'D)

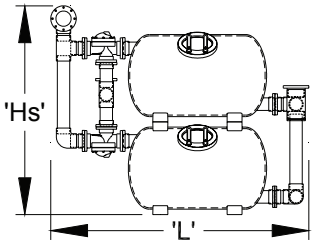
HORIZONAL SAND FILTRATION SYSTEMS

Dimensions and Performance

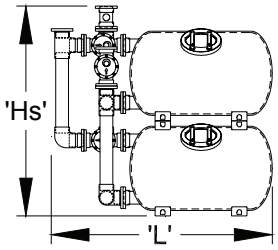
Certified to NSF/ANSI Standard 50



A-Style Side-by-Side



B-Style Stacked



C-Style Stacked

DIMENSIONS - STACKED SYSTEMS						
Style	# Tanks	Descriptive System Number	Filtration Area (Sq. Ft.)	'W'	'L'	'Hs'
Stacked Systems - B-Style	2	SB2-48-06ST	25.6	44"	98"	107"
		SB2-72-06ST	40.0	44"	135"	109"
		SB2-96-06ST	54.0	44"	159"	109"
		SB2-120-08ST	70.0	44"	191"	109"
		SB2-144-08ST	82.0	44"	215"	109"
	4	SB4-48-06ST	51.2	92"	99"	108"
		SB4-72-08ST	80.0	92"	140"	111"
		SB4-96-10ST	108.0	100"	166"	119"
		SB4-120-10ST	140.0	100"	190"	119"
		SB4-144-12ST	164.0	104"	217"	122"
Stacked Systems - C-Style	2	SC2-48-06ST	25.6	50"	80"	107"
		SC2-72-06ST	40.0	50"	114"	109"
		SC2-96-06ST	54.0	50"	138"	109"
		SC2-120-08ST	70.0	53"	165"	109"
		SC2-144-08ST	82.0	53"	189"	109"
	4	SC4-48-06ST	51.2	92"	88"	108"
		SC4-72-08ST	80.0	92"	122"	111"
		SC4-96-10ST	108.0	100"	146"	119"
		SC4-120-10ST	140.0	100"	169"	119"
		SC4-144-12ST	164.0	104"	193"	122"

Notes:

1. Standard header sizing shown is based on 10 fps max. at 15 gpm per sq. ft.
2. For more dimensional detail, consult the appropriate Cut Sheet in our Design Manual.
3. S-48 Vessels are not available in A Style. Dimensions above represent C Style.
4. For special requirements including non-standard header sizes / locations and systems consisting of more vessels than shown, please contact our Applications Engineering at PoolApplicationRFQ@pentair.com.

CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

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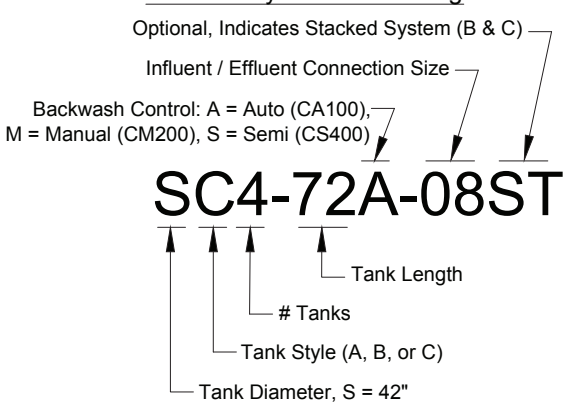
S Series System Numbering



SEE PAGE 331 FOR REPLACEMENT PARTS

STARK™ 5S SERIES FILTERS

HORIZONTAL SAND FILTRATION SYSTEMS

5S4-50-12
60" Dia. System

Featured Highlights

- All vessel models are NSF certified
- Manway cover has integral viewport for internal filter observation
- Solid composite construction - does not employ a bladder
- Schedule 80 Face Piping is fully assembled
- Vessels feature all-weather exterior coating with UV inhibitors
- Influent manifold distribution to help prevent clogging
- Several backwash control options available
- Butterfly-valve options including linked tandem valves are also available

The 5S Series Filter Systems are designed as an extension to one of the industry leaders, SS Series Filtration Systems, with many of the same features including fully-assembled Schedule 80 Face Piping, with limited in field gluing. The 5S Series Filter Systems include the only 8" backwash valve in the industry, and air valve actuation for a smooth and quick valve movement.

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P/N 2007UL

Ordering Information

CAPACITY INFORMATION												
# Tanks	System Number	Internal Tank Size	Filtration Area (Sq. Ft.)	Flow (GPM) 12 gpm/sf	Flow (GPM) 15 gpm/sf	Backwash Valve Size/Type	'W'	'L'	'Hs'	Total Media (cu ft)	Operating Weight (lbs.)	Shipping Weight (lbs.)
1	5S1-30-06	60" X 78"	30.0	360	450	6"	62"	83"	106"	63.5	15,000	2,000
	5S1-35-06	60" X 90"	35.0	420	525	6"	62"	95"	106"	74.3	17,000	2,300
	5S1-40-06	60" X 102"	40.0	480	600	6"	62"	107"	106"	85.4	20,000	2,600
	5S1-45-08	60" X 114"	45.0	540	675	8"	62"	119"	123"	96.4	23,000	2,900
	5S1-50-08	60" X 126"	50.0	600	750	8"	62"	131"	123"	107.4	25,000	3,200
2	5S2-30-08	60" X 78"	60.0	720	900	6"	128"	83"	111"	127.0	30,000	4,100
	5S2-35-08	60" X 90"	70.0	840	1,050	6"	128"	95"	111"	148.6	35,000	4,600
	5S2-40-08	60" X 102"	80.0	960	1,200	6"	128"	107"	111"	170.8	40,000	5,200
	5S2-45-08	60" X 114"	90.0	1,080	1,350	8"	128"	119"	127"	192.8	45,000	5,700
	5S2-50-10	60" X 126"	100.0	1,200	1,500	8"	128"	131"	133"	214.8	49,000	6,300
3	5S3-30-08	60" X 78"	90.0	1,080	1,350	6"	194"	83"	111"	190.5	45,000	6,100
	5S3-35-10	60" X 90"	105.0	1,260	1,575	6"	194"	95"	117"	222.9	53,000	6,900
	5S3-40-10	60" X 102"	120.0	1,200	1,800	6"	194"	107"	117"	256.2	60,000	7,800
	5S3-45-10	60" X 114"	135.0	1,620	2,025	8"	194"	119"	133"	289.2	68,000	8,600
	5S3-50-12	60" X 126"	150.0	1,800	2,250	8"	194"	131"	135"	322.2	75,000	9,500
4	5S4-30-10	60" X 78"	120.0	1,440	1,800	6"	260"	83"	117"	254.0	61,000	8,100
	5S4-35-10	60" X 90"	140.0	1,680	2,100	6"	260"	95"	117"	297.2	70,000	9,200
	5S4-40-12	60" X 102"	160.0	1,920	2,400	6"	260"	107"	119"	341.6	80,000	10,400
	5S4-45-12	60" X 114"	180.0	2,160	2,700	8"	260"	119"	135"	385.6	92,000	11,500
	5S4-50-12	60" X 126"	200.0	2,400	3,000	8"	260"	131"	135"	429.6	100,000	12,600

SEE PAGE 331 FOR REPLACEMENT PARTS

STARK™ 5S SERIES FILTERS (CONT'D)

HORIZONAL SAND FILTRATION SYSTEMS

Dimensions and Performance

5S Series Systems Include:

- Manway viewport standard on all Stark tanks
- Stark backwash valves (1 per tank)
- Pre-glued piping utilizing grooved couplings
- Stark diaphragm-style priority valve (on dual-tank systems)

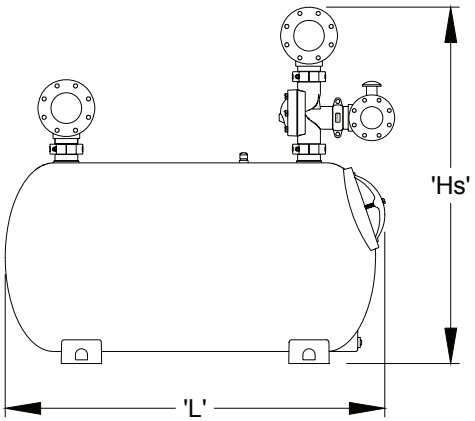
With Fully Automatic (CA100) Control Option

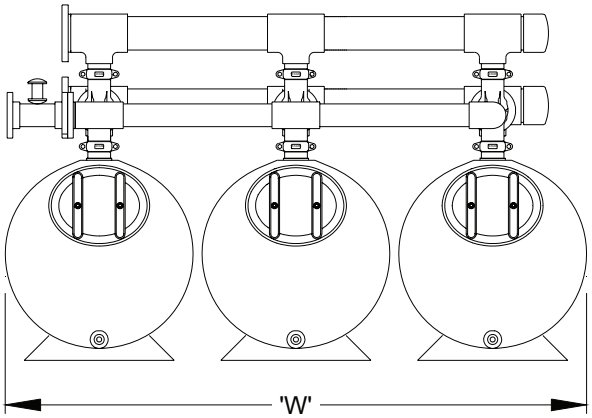
- Effluent Flow Sensor/Saddle
- Temperature Probe

Additional Adders

- Pressure Booster System (PBS01)
- Manual or Motorized Butterfly backwash
- Throttling valve for 3+ tank systems
- Advanced backwash controls

Certified to NSF/ANSI Standard 50





5S Series System Numbering

60" Dia. Vessels

Influent / Effluent Connection Size

Backwash Control: A = Auto (CA100), M = Manual (CM200), S = Semi (CS400)

5S3-50A-10

- Tank Filter Area
- # Tanks
- Tank Style (End-Manway)
- Tank Diameter, 5 = 60" Diameter

Notes:

1. Standard header sizing shown is based on 10 fps max. at 15 gpm per sq. ft.
2. For more dimensional detail, consult the appropriate Cut Sheet in our Design Manual.
3. For special requirements including non-standard header sizes / locations and systems consisting of more vessels than shown, please contact our Applications Engineering at PoolApplicationRFQ@pentair.com.

CALIFORNIA PROPOSITION 65 WARNING

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SEE PAGE 331 FOR REPLACEMENT PARTS

STARK™ FILTERS

BACKWASH OPTIONS AND ADDITIONAL FEATURES

Multiport Gauge Panel

CM200 Manual Backwash Controller (Backwash Option "M")
This is the simplest Pentair option. No electronics or programming required; simply turn the knob to backwash each tank in the system.

CS 400 Semi-Auto Backwash Controller (Backwash Option "S")
This controller is programmable and controls every aspect of the backwash cycle once initiated. Backwash can be initiated three ways: by an operator with the touch of a button, by a signal from a master controller (such as the AK600), or by a signal from an optional differential pressure switch (CS400-DP). Stored backwash data and history, alarms, and calculated backwash cycle times are also features of the CS400 controller, as are relays for communication with the heater, pump and Acu Drive.

CA 100 Automatic Backwash Controller (Backwash Option "A")
This is a comprehensive backwash controller and can be readily reprogrammed to initiate backwash automatically based on differential pressure (integral pressure transducers are standard), time (internal seven-day clock with battery back-up is standard), flow (with optional flow sensor), or any combination of the above. The controller has real-time display of operation mode, filter flow rate, and water temperature (with optional temperature probe). Also, includes Energy Saver Mode for simple On/Off pump scheduling and various interlocks and relays to communicate with other equipment (pump, heater, Acu Drive).

2" Threaded Laterals

Commercial Lateral
2" NPT injection molded ABS with "V" groove slots and reinforcing ribs for best performance and service life. Also used on THS Series Filters.

Manway Viewport
Standard on all Stark Filters.

Butterfly Valve Systems

Tandem Butterfly Valve Configurations (Backwash Option TM; Single Tank Systems - each Stark backwash valve is replaced by a linked pair of butterfly valves.

Optional Pressure Booster System (PBS01)

Provides consistent valve-actuation where city water pressure is unreliable.

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SEE PAGE 331 FOR REPLACEMENT PARTS

STARK™ AQ SERIES™ FILTERS

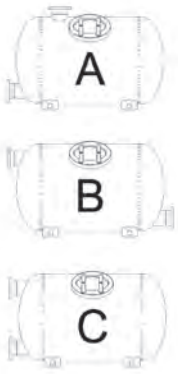
LARGE DIAMETER SYSTEMS & VESSELS

Stark AQ Series Filters

48" and 60" Diameter Stackable Horizontal Filters are available as complete filtration systems The Stark AQ Series Filters are ideal for high-load or large flows of water such as water parks and public aquariums. NSF-50 certified. 75 psi pressure rating.

Vessel Model Number	Available Styles*	Filtration Area (sq ft)	Internal Diameter (feet)	Internal Length (feet)	Standard Flange Size (ANSI)
AQ SERIES VESSEL SIZING AND CAPACITY INFORMATION					
4X6	A, B, C	22	4.0	6.0	6"
4X8	A, B, C	30	4.0	8.0	6"
4X10	A, B, C	38	4.0	10.0	6"
4X12	A, B, C	46	4.0	12.0	8"
4X14	A, B, C	54	4.0	14.0	8"
5X8	A, B, C	37	5.0	8.0	8"
5X10	A, B, C	47	5.0	10.0	8"
5X12	A, B, C	57	5.0	12.0	8"
5X14	A, B, C	67	5.0	14.0	8"
5X16	A, B, C	77	5.0	16.0	8"

Certified to NSF/ANSI Standard 50



Stark AQ Series Sand Filter

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*Styles B and C are stackable. All are available with the manway on the other side (reverse manway).

THS SERIES® HORIZONTAL SAND FILTER

THS Series Horizontal Sand Filter

Featured Highlights

- Five sizes to 27 sq. ft.
- Manway in front for easier access and smaller footprint
- Manway with Viewport Standard
- 6 in. flanged connections, 4 in. victaulic on the THS Series 3461
- Optional manual, semi-automatic, and automatic backwash systems for one and two tank systems
- Two backwash controllers to choose from
- Influent manifold distribution to prevent clogging
- NSF certified from 5–20 gpm/sq. ft.

The THS Series Filter is an NSF certified 50 psi rated tank with flow rates up to 535 gallons per minute. The filter shell is manufactured from a lasting composite laminate design that makes winding unnecessary. Vessels feature all-weather exterior coating with UV inhibitors.

Ordering Information

Product	Model	Description	Effective Filtration Area (Sq. Ft.)	Flow Rate (15 GPM/ Sq. Ft.)	6 Hour Turnover Capacity (In Gallons)	Filter Media		All Sand Required (Lbs.)	Carton Wt. (Lbs.)
						Pea Gravel Required (Lbs.)	Sand Required (Lbs.)		
THS SERIES HORIZONTAL FILTER									
143461	THS3461	THS 34 in. x 61 in.	13.5	203	73,080	300	1250	1550	550
143484	THS3484	THS 34 in. x 84 in.	19.0	285	102,600	600	1350	1950	610
144272	THS4272	THS 42 in. x 72 in.	19.7	295	106,200	500	2100	2600	650
144284	THS4284	THS 42 in. x 84 in.	23.2	348	125,280	600	2400	3000	725
144296	THS4296	THS 42 in. x 96 in.	26.7	400	144,000	700	2800	3500	800

CONTROLLERS (MUST USE WITH DIAPHRAGM VALVES MANIFOLD KITS)			
156400	Single THS manual controller 6 in. FP	CS400-01	CS400 backwash controller for single tank system
156450	Dual THS manual controller 6 in. FP	CS400-02	CS400 backwash controller for dual tank system
156850	Single THS CA100 autobackwash controller		

Multiport Gauge Panel

CM200 Manual Backwash Controller
This is the simplest Pentair option. No electronics or programming required. Simply turn the knob to backwash each tank in the system.

CS 400 Commercial Backwash Controller
This controller is programmable and controls every aspect of the backwash cycle once initiated. Backwash can be initiated three ways: by an operator with the touch of a button, by a signal from a master controller (such as the AK600), or by a signal from an optional differential pressure switch (CS400-DP). Stored backwash data and history, alarms, and calculated backwash cycle times are also features of the CS400 controller, as are relays for communication with the heater, pump and Acu Drive.

SEE PAGE 331 FOR REPLACEMENT PARTS

THS SERIES® HORIZONTAL SAND FILTER (CONT'D)

MANIFOLD KITS [7]	
155700	THS single tank manifold kit with butterfly valves [3]
155720	THS dual tank manifold kit with butterfly valves [3]
155701	THS single tank 6 in. FP kit with diaphragm valves[6]
155721	THS dual 34 x 84 in. 6 in. FP kit with diaphragm valves[6]
155730	THS dual 42 in. dia. 6 in FP Kit with diaphragm valves[6]
MANIFOLD KITS FOR THS 34 X 61 ONLY [7]	
155702	Kit-THS3461, single tank manifold, with butterfly valve kit [3]
155722	Kit-THS3461, dual tank manifold, with butterfly valve kit [3]
155703	Kit-THS3461, single tank manifold, with diaphragm valve kit[6]

ACCESSORIES	
CS400DP	Mounted differential pressure switch [5]
B4110	120v to 24v 100w transformer
B4221KIT	Gauge Panel Kit Influent/Effluent gauge

*

[1] One each per tank purchased if required.

[2] Adder Kit provides 6 in., SCH 80 manifold piping, fittings and hardware for the addition of a third THS Series filter of equal diameter only when #155720 Dual-Filter Butterfly Valve Face Piping Kit is used. Note: Using a 6 in. Schedule 80 plumbing kit with flows in excess of 812 GPM exceeds the maximum water velocity recommended in ANSI/NSPI-1 2003 Standard for Public Swimming Pools. For higher flows, summary calculations should be provided to show that the greater flow is possible with the pump and piping provided.

[3] Does not require a purchase of a controller.

[4] Only used with CA100 controller option.

[5] Only available with CS400 controller.

[6] Does require a purchase of a controller.

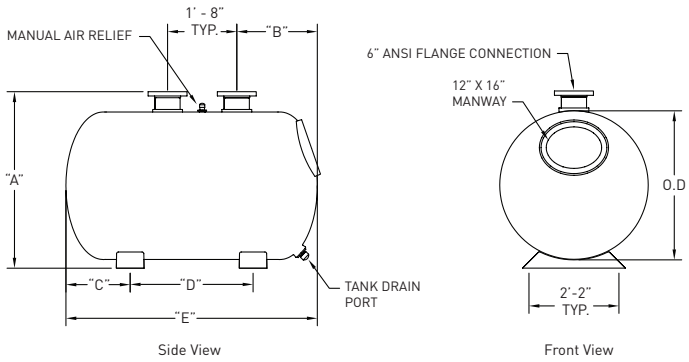
[7] Does not include THS Tanks.

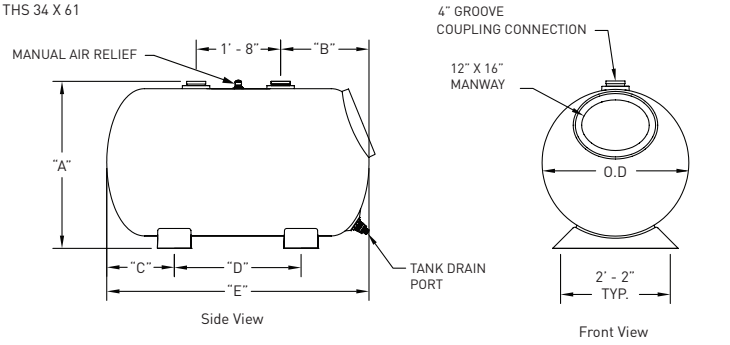
Certified to NSF/ANSI Standard 50

Dimensions and Performance

THS SERIES SPECIFICATION CHART							
	Tank Dimensions						
Model	"A" in.	"B" in.	"C" in.	"D" in.	"E" in.	"O.D." in.	WT
THS3461	39-1/2	21	16	30	62	35	550
THS3484	45	21-1/4	24-5/8	35-1/4	85	35	610
THS4272	52-1/4	23-1/4	18-7/8	35-1/4	73	43	650
THS4284	52-1/4	23-1/4	24-7/8	35-1/4	85	43	725
THS4296	52-1/4	23-1/4	30-7/8	35-1/4	97	43	800

NSF/ANSI 50 certified for 5–20 gpm/sq.ft.





* 4 in. victaulic on THS 3461 only

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SEE PAGE 331 FOR REPLACEMENT PARTS

NOTES:

TRITON® C AND TRITON C-3

HIGH CAPACITY FIBERGLASS SIDE MOUNT SAND FILTER WITHOUT VALVES

TRADEGRADE

Featured Highlights

- Maximum Operating Pressure 50 psi
- Full 2 in. Drain
- 8 in. opening for easy access to sand bed
- The Triton C-3 features standard 3 in. flange connections
- TR 100C-3 & TR 140C-3 models are available in black only

TR 140C-3 TR 100 C

This filter series features multiple diverters for increased filtration rates in commercial applications up to 20 GPM/sq. ft.

Ordering Information

Product	Model	Effective Filtration Area (Sq. Ft.)	Flow Rate	Turnover Capacity (In Gal.)[2]			Filter Media		All Sand Req'd (Lbs.)	Ctn Qty.	Ctn Wt. (Lbs.)
				6 Hour	8 Hour	10 Hour	Pea Gravel Req'd (Lbs.)	Sand Req'd (Lbs.)			
TRITON C SAND FILTERS											
140315	TR 100C- Almond	4.91	98	35,280	47,040	58,800	150	450	600	1	70
140316	TR 140C- Almond	7.06	141	50,760	67,680	84,600	275	650	925	1	82
TRITON C-3 SAND FILTERS											
140310	TR 100C-3-Black only	4.91	98	35,280	47,040	58,800	150	450	600	1	65
140342	TR 140C-3-Black only	7.06	141	50,760	67,680	84,600	275	650	925	1	82
TRITON C VALVE OPTIONS [1]											
261050	2 in. HiFlow w/ plumbing, for sand filters									1	11
261055	2 in. MPV, for sand filters (SM 20-3)									1	10
263080	FullFloXF Valve for Sand, inlet port on top, Pentair 2 in. unions glued on XF Valve										

[1] Valves must be purchased separately.

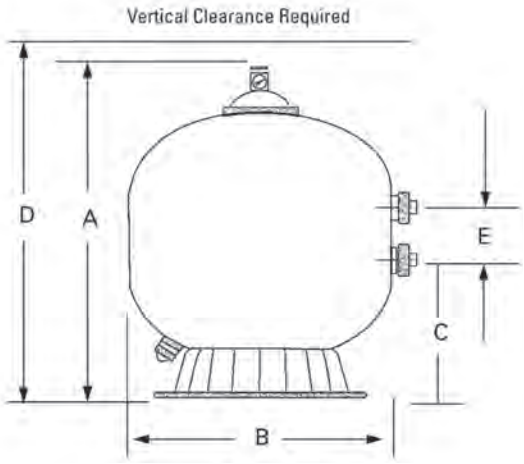
[2] Based on 20 gpm per sq. ft. Tanks are NSF/ANSI 50 certified for 5–20 gpm/sq.ft.

Dimensions and Performance

Certified to NSF/ANSI Standard 50

DIMENSION TABLE

MODEL	A. DIM.	B DIM.	C DIM.	D DIM.	E DIM.
TR 100 C	39-3/4 in.	30-1/2 in.	16-1/2 in.	43-3/4 in.	7-1/2 in.
TR 140 C	45-1/4 in.	36-1/2 in.	18-3/4 in.	49-1/4 in.	7-1/2 in.
TR 100 C-3	39-3/4 in.	30-1/2 in.	16-1/16 in.	43-3/4 in.	7.72 in.
TR 140 C-3	45-1/4 in.	36-1/2 in.	18-1/2 in.	49-1/4 in.	7.72 in.



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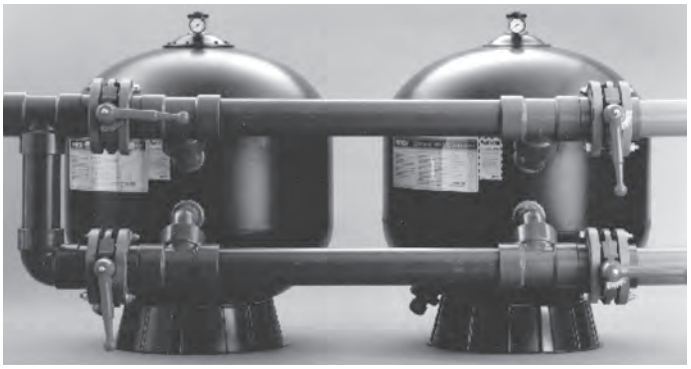
SEE PAGE 331 FOR REPLACEMENT PARTS

SCH 40 & 80 FOR TR100C, TR140C, TR100C-3, & TR140C-3

TANDEM FILTER PIPING KITS FOR 2 & 3 IN. FILTERS



Tandem Filter Piping Kits for Triton TR100C, TR140C, TR100C-3, and TR140C-3 Sand Filters

These Tandem Filter Piping Kits are designed specifically for use with the Triton® TR100C, TR140C, Triton TR100C-3, and TR140C-3 Sand Filters to limit required space.

We are providing this additional service for convenient one-stop shopping. Pipe and filters are all you need.

Pipe is not included in kits.

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Ordering Information

Product	Model
For Plumbing Two TR100C or TR140C Filters	
146400	3 in. Two filter kit, SCH 40 (200 GPM)
146402	4 in. Two filter kit, SCH 40 (300 GPM)
For Plumbing Two TR100C-3 or TR140C-3 Filters	
147400	3 in. Two filter kit, SCH 40 (200 GPM)
147402	4 in. Two filter kit, SCH 40 (300 GPM)
147404	6 in. Two filter kit, SCH 40 (700 GPM)
147403	4 in. Two filter kit, SCH 80 (300 GPM)

Product	Model
Adder Kits for TR100C-3 and TR140C-3 Filters	
147406	4 in. Single filter kit, SCH 40
147408	6 in. Single filter kit, SCH 40

Note: All kits include hardware, fittings, gaskets.

Note: All kits include hardware, fittings, gaskets, and butterfly valves.

Filters	Filter Area Sq. Ft.	Manifold Pipe Dia.	Filter Rate Sq. Ft.		Turnover Capacity		
			15 GPM	20 GPM	6 Hours	8 Hours	10 Hours
TANDEM TRITON 140C FILTER INSTALLATION							
6 TR 140's	42.36	6 in.	635	—	228,600	304,800	381,000
		8 in.	—	847	304,920	406,560	508,200
7 TR 140's	49.42	6 in.	741	—	266,760	355,680	444,600
		8 in.	—	988	355,680	474,240	592,800
8 TR 140's	56.48	8 in.	847	—	304,920	406,560	508,200
		8 in.	—	1130	406,800	542,400	678,000

SEE PAGE 331 FOR REPLACEMENT PARTS

SCH 40 & 80 FOR TR100C, TR140C, TR100C-3, & TR140C-3 (CONT'D)

TANDEM FILTER PIPING KITS FOR 2 & 3 IN. FILTERS

Filters	Filter Area Sq. Ft.	Manifold Pipe Dia.	Filter Rate Sq. Ft.		Turnover Capacity		
			15 GPM	20 GPM	6 Hours	8 Hours	10 Hours
TANDEM TRITON TR100C AND TR100C-3 FILTER INSTALLATION							
2 TR 100's	9.82	3 in.	147	—	52,920	70,560	88,200
		4 in.	—	196	70,560	94,080	117,600
3 TR 100's	14.73	4 in.	221	—	79,560	106,080	132,600
		4 in.	—	295	106,200	141,600	177,000
4 TR 100's	19.64	4 in.	295	—	106,200	141,600	177,000
		5 in.	—	393	141,480	188,640	235,800
5 TR 100's	24.55	5 in.	368	—	132,480	176,640	220,800
		5 in.	—	491	176,760	235,680	294,600
TANDEM TRITON TR140C AND TR140C-3 FILTER INSTALLATION							
2 TR 140's	14.12	4 in.	212	—	76,320	101,760	127,200
		4 in.	—	282	101,520	135,360	169,200
3 TR 140's	21.18	4 in.	318	—	114,480	152,640	190,800
		5 in.	—	424	152,640	203,520	254,400
4 TR 140's	28.24	5 in.	424	—	152,640	203,520	254,400
		6 in.	—	565	203,040	270,720	338,400
5 TR 140's	35.30	5 in.	530	—	190,800	254,400	318,000
		6 in.	—	706	254,160	338,880	423,600

Dimensions and Performance

Two Filter System	A	B	C	D	E	F	G	H	I	J	K	Total Wt.
3 in.–TR100C	82-3/8 in.	17-15/16 in.	48 in. min.	18 in. min.	39-3/4 in.	15 in.	29-33/64 in.	8-5/8 in.	11-1/32 in.	51-13/16 in.	—	2300 lbs.
3 in.–TR140C	88-3/8 in.	17-15/16 in.	54 in. min.	18 in. min.	45-1/4 in.	18 in.	32-33/64 in.	8-5/8 in.	13-15/32 in.	57-13/16 in.	—	3200 lbs.
4 in.–TR140C	95-3/4 in.	19-35/64 in.	54 in. min.	18 in. min.	45-1/2 in.	18 in.	33-1/8 in.	9-15/16 in.	12-21/32 in.	59-11/64 in.	—	2300 lbs.
6 in.–TR140C *	111-3/4 in.	24-7/32 in.	54 in. min.	18 in. min.	45-1/2 in.	18 in.	35-3/8 in.	12-13/16 in.	10-21/64 in.	64-13/32 in.	64-53/64 in.	3550 lbs.

* 6 in. piping needs to be rotated upward as shown at 25° so handle will clear the floor.

FIGURE 4A

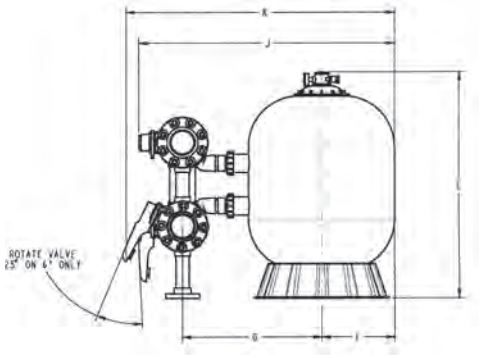
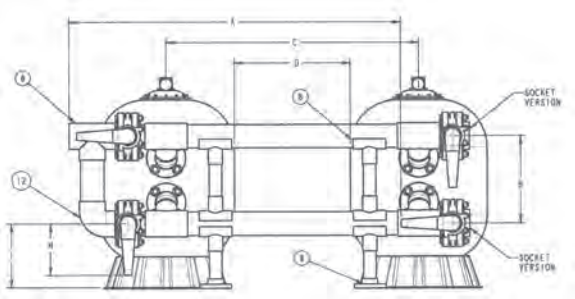


FIGURE 4B



SEE PAGE 331 FOR REPLACEMENT PARTS

PLUMBING KITS & ACCESSORIES

154566Z

542090

274725

Featured Highlights

- Unionized pump/filter plumbing kits and base
- Bulkhead Union Sets can connect D.E. and high-rate sand filters to any plumbing. The kit consists of two half unions with both 1-1/2 and 2 in. pipe connections.

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
	UNIONS		
98960311	Bulkhead union kit, 1-1/2 in. & 2 in. for Eclipse Filters	1	1
	TOOLS		
192019	Drain plug wrench [1]	1	1
	ACCESSORIES AND KITS		
154566Z	2 in. Sight glass nipple, clear	1	1
271092Z	2 in. Threaded adapter kit, for installations without valve	1	1
271094	1-1/2 in. Threaded adapter kit, w/o valve, for installations without valve	1	1
271096	2 in. Threaded bulkhead adapter kit, for installations without valve	1	1
274725	Union check valve, 2 in. socket	1	1
274426Z	Adapter Union Replacement Kit, 2-1/2 in. x 2 in.	1	2
354570	1-1/2 in. Quick disconnect kit, for Regenerative D.E. Filter	1	1
542090	Sand Vac, empties a sand filter in 10 minutes for repair, refilling, or removal	1	3

[1] For use on FNS Plus, Nautilus Plus & Clean & Clear Plus filters.

354570
(now available in black)

271094, 271096,
271092Z

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RETRO-FIT & UPGRADE KITS

Ordering Information

Product	Description
	NS KITS [1]
181011	NS/PF35 spring clamp assembly

[1] For filters manufactured prior to 1991.

Product	Description
	PF SAND KITS [1]
181011	NS/PF35 spring clamp assembly
	FILTER UPGRADES
98209804	High flow manual air relief valve w/ instruction labels
59000400	High flow internal air relief kit upgrade for Titan manifold

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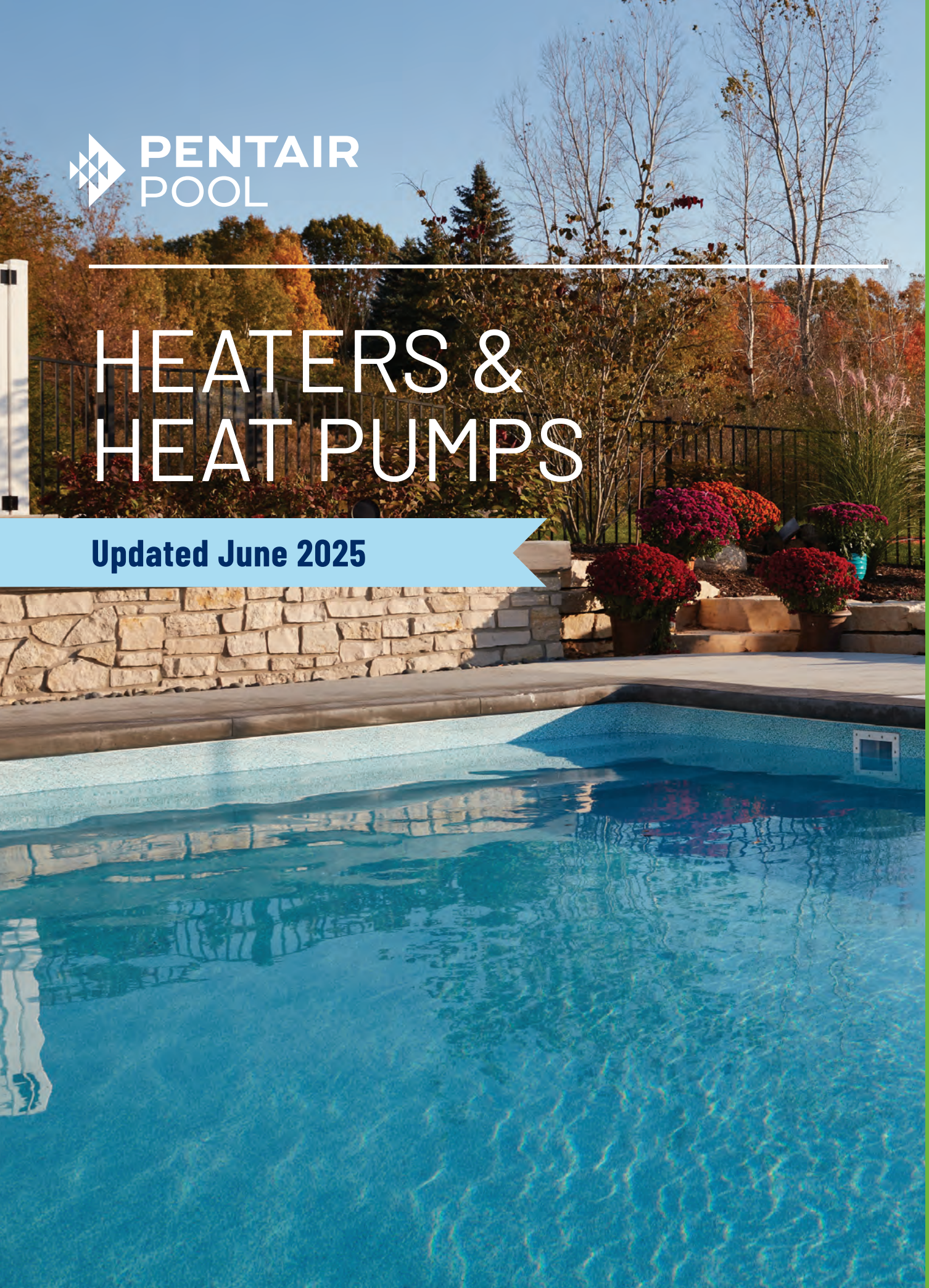


PENTAIR POOL

HEATERS & HEAT PUMPS

Updated June 2025

ULTRATEMP ETi® HEATER

HIGH PERFORMANCE HYBRID HEATER

TRADEGRADE

Dual-Fuel Heating Technology is the first of its kind in the U.S. and delivers fast and economical heating options.

UltraTemp ETi HYBRID Heater

Featured Highlights

- Available in propane and natural gas
- Gas-fired functionality for quick heat-ups
- Onboard intelligence delivers outstanding efficiency
- Titan-Tough™ Direct-Fire Titanium gas heat exchanger assures corrosion-free performance for extra long life
- 93% thermal efficiency gas engine* coupled with high performance heat pump
- Smart controls and space savings versus installing two separate units, gas heater and heat pump
- Automation ready with seamless interfacing with Pentair Control Systems
- High efficiency design (four selectable modes: Heat Pump only, Gas only, Hybrid, Dual)
- In “Dual” mode the heater runs both the heat pump and gas heater simultaneously for maximum heat output
- In “Hybrid” mode the heater runs state-of-the-art programming logic to determine a fast and economical way to heat your pool based on user selectable water temperature differential and time period
- Dual internal water bypass assembly automatically adjusts for water flows up to 120 GPM without the need for an external water bypass

Ordering Information

Part # ALMOND	Model	80/80/80** BTU/COP	80/63/80** BTU/COP	50/63/80** BTU/COP	Gas BTU	Freq (Hz)	Breaker Size (amp)	Phase	Volt	Ctn Wt.
ULTRATEMP ETi HEATER										
460969	220K - Natural Gas	108,000/5.8	100,000/5.6	70,000/4.0	110,000	60	50	1	230	450
462042	220K - Propane	108,000/5.8	100,000/5.6	70,000/4.0	110,000	60	50	1	230	450

* Gas engine measures 93% thermal efficiency when tested per ANSI Z21.56:19/CSA 4.7:19 2019 section 5.10.

* https://www.regulations.doe.gov/certification-data/CCMS-4-Pool_Heaters.html#q=Product_Group_s%3A%22Pool%20Heaters%22

** Rating in accordance with AHRI Standard 1160 (air temp. °F. / % relative humidity / water temp °F.)

IMPORTANT NOTE:

The Hybrid is tested & factory-configured for either Natural Gas or Propane Gas, and it cannot be converted from one fuel type to another in the field. Please order the specific model (Natural Gas or Propane) to match the fuel source of your intended application.

CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
⚠ **AVERTISSEMENT:** Peut Causer le Cancer et des Dommages au Système Reproducteur.
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

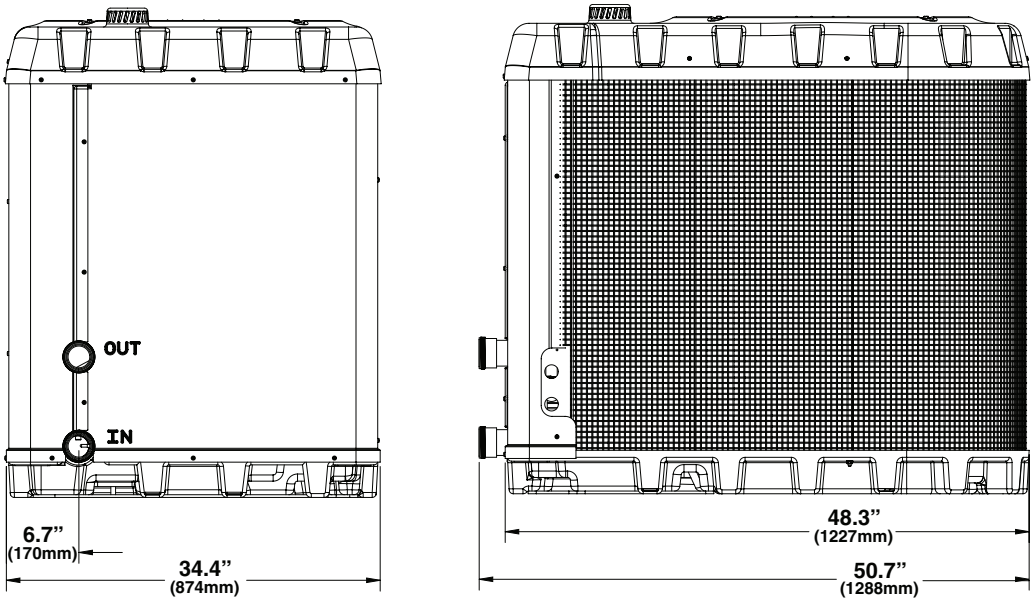
www.p65warnings.ca.gov. PN:20174.A

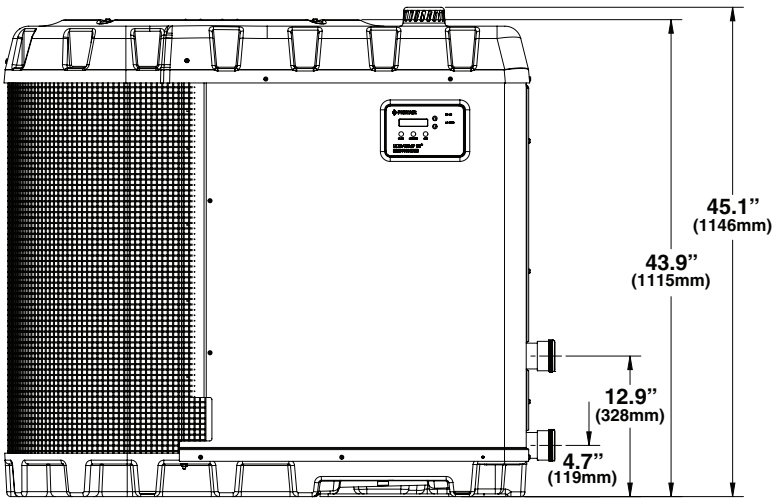
SEE PAGE 365 FOR REPLACEMENT PARTS

ULTRATEMP ETi® HEATER (CONT'D)

HIGH PERFORMANCE HYBRID HEATER

Dimensions and Performance





The AHRI Certified® Mark is applied only to HVACR equipment and components that have been independently tested to certify manufacturers' performance claims are accurate. Visit www.ahridirectory.org for a complete list of certified products.

CEC indicates that Heat Pump has been evaluated to California Title-20, listed in the California Energy Commission's (CEC) database of compliant heat pumps, and certified to use on Residential Swimming Pool Filtration Systems.

SEE PAGE 365 FOR REPLACEMENT PARTS

ETi® 400

HIGH-EFFICIENCY POOL AND SPA HEATER

TRADEGRADE

ETi 400 Heater

Featured Highlights

- Titan-Tough™ Direct-Fire Titanium ASME certified heat exchanger
- Certified for low NOx emissions[1]
- Best-in-class energy efficiency for fast heat up times and energy savings
- 4” PVC or CPVC vent up to 120 ft and 6” vent up to 300 ft long
- Indoor and outdoor rating
- Ultra-quiet operation
- Convenient 180 degrees rotating controls panel for left or right plumbing orientation
- Convenient front and rear gas connection capability
- Factory configured for Natural Gas. Propane Conversion Kit available
- Three years parts and labor warranty

The ETi 400 High-Efficiency Pool Heater features our Titan-Tough™ Direct-Fire Titanium Heat Exchanger, with ASME certified construction for robust, reliable heating performance. At 96% thermal efficiency[2], the ETi 400 heater has **the highest efficiency built in its class to date in the U.S**.[3] All this in a heater that operates with ultra-quiet noise level and **out performs existing energy emissions standards**.

Ordering Information

Product	Gas Type	BTU (400,000)	Crate Qty.	Crate Wt.
ETi 400 HIGH EFFICIENCY HEATER				
461113	Natural	400,000 BTU—ASME LISTED	1	365
ACCESSORIES				
475971	Direct Air Intake Kit (for indoor installations)		1	5
475612	Condensate Neutralizer Cartridge Kit		1	5
476072	Propane Gas Conversion Kit		1	2

[1] Certified by a third party test lab and communicated to SCAQMD for Rule 1146.2

[2] Gas engine measures 96% thermal efficiency when tested per ANSI Z21.56:19/CSA 4.7:19 2019 section 5.10.

[3] https://www.regulations.doe.gov/certification-data/CCMS-4-Pool_Heaters.html#q=Product_Group_s%3A%22Pool%20Heaters%22

CALIFORNIA PROPOSITION 65 WARNING

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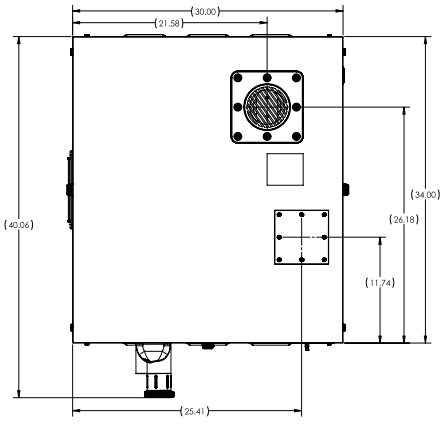
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov. P/N 20174.A

SEE PAGE 365 FOR REPLACEMENT PARTS

ETi® 400 (CONT'D)

HIGH-EFFICIENCY POOL AND SPA HEATER

Dimensions and Performance



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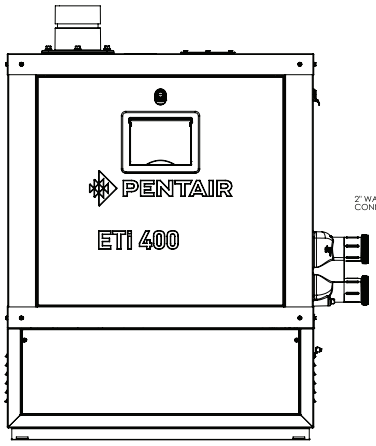

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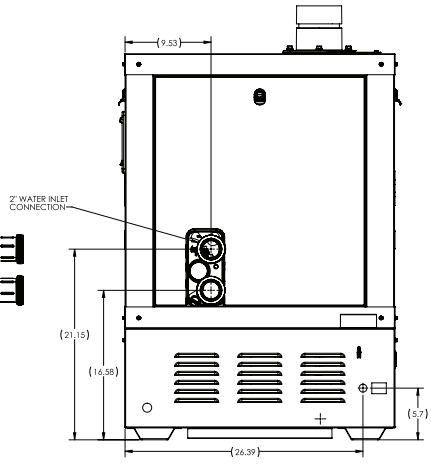
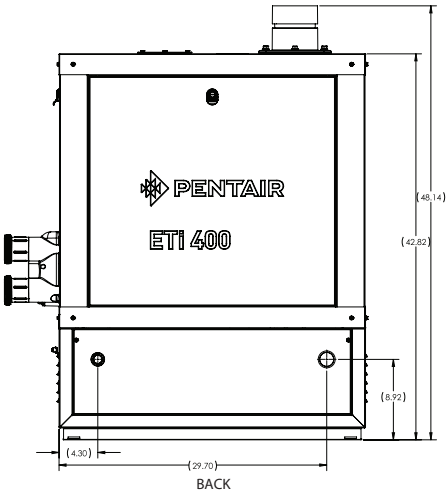


PLUMBING SIDE



BACK

SEE PAGE 365 FOR REPLACEMENT PARTS

ETi® 250

HIGH-EFFICIENCY POOL AND SPA HEATER

TRADEGRADE

ETi 250 High-Efficiency Pool and Spa Heater

Featured Highlights

- Corrosion-resistant Titan-Tough™ Direct-Fire Titanium Heat Exchanger
- **Up to 96% thermal efficiency.[1] For every $1 of natural gas that's piped into the heater, up to 96 cents goes directly to heating your pool, ensuring optimal heating**
- Certified for low NOx emissions [2]
- Certified for Category IV PVC exhaust venting and air intake [3]
- 360° gas line connection options for ease-of-installation
- 270° control panel orientation options for ease-of-access.
- Large removable panels make accessing the heater internals easier
- Plumbing aligns exactly to MasterTemp® and Max-E-Therm® heaters, making ETi 250 an ideal drop-in replacement on tight equipment pads
- Three-year parts and labor warranty

The ETi 250 High-Efficiency Pool Heater features our Titan-Tough™ Direct-Fire Titanium Heat Exchanger, with ASME certified construction for robust, reliable heating performance. Choose the ETi 250 heater for applications that are tight on space or where 250,000 BTUs can get the job done. All this in a heater that provides up to 96%* thermal efficiency, for more energy savings over standard heaters and faster heat-up times.

Ordering Information

Part #	Description	Gas Type	BTUs	Dimensions (IN)	Weight (Lbs.)	Voltage	Breaker Size
ETI 250 HIGH EFFICIENCY POOL AND SPA HEATER							
461112	ETi 250 High-Efficiency Pool Heater	Natural	250,000	25L x 25W x 32H	270	120 or 240/60Hz/1Ph	15 AMP
ACCESSORIES							
462057	ETi 250 High-Altitude Conversion Kit for 2,000 ft–10,000 ft.	Natural		12L x 7W x 5H	2		
476370	ETi 250 Propane Conversion Kit from 0–2,000 ft	Propane		8L x 8W x 8H	2		
476375Z	ETi 250 Condensate Neutralizer Replacement Kit						
476371	ETi 250 Indoor Direct Air Intake Kit						
462048	Smart Heater Bypass Kit						

[1] ETi 250 is 94% efficient when operated on natural gas and is 96% efficient when operated on propane with available conversion kit.

[2] Certified by a third party test lab and communicated to SCAQMD for Rule 1146.2

[3] Certified by CSA in compliance with CSA/ANSI Z21.56:19/CSA 4.7:19

CALIFORNIA PROPOSITION 65 WARNING

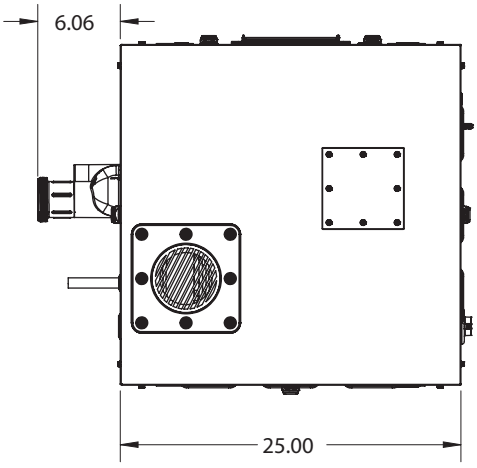
⚠ **WARNING:** Cancer and Reproductive Harm.
⚠ **AVERTISSEMENT:** Peut Causer le Cancer et des Dommages au Système Reproducteur.
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov. P/N 220174.A

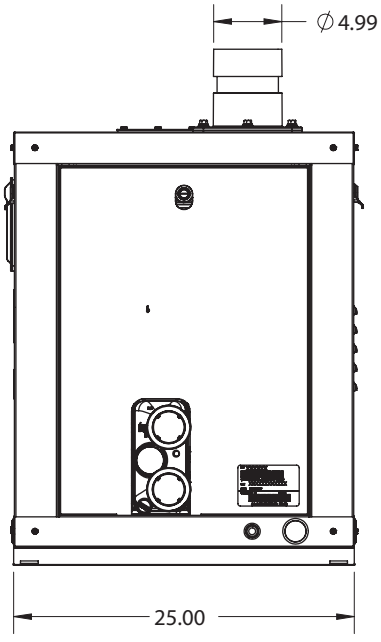
SEE PAGE 365 FOR REPLACEMENT PARTS

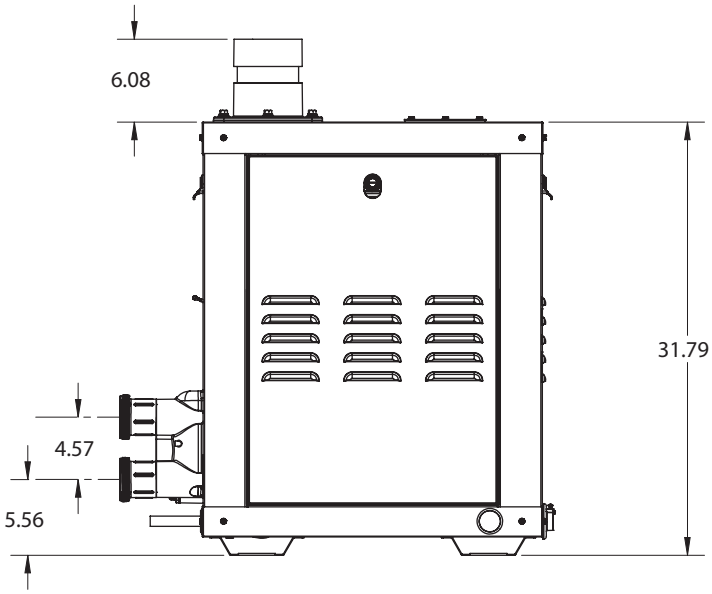
ETi® 250 (CONT'D)

HIGH EFFICIENCY POOL AND SPA HEATER

Dimensions and Performance







SEE PAGE 365 FOR REPLACEMENT PARTS

MASTERTEMP® HEATER

HIGH PERFORMANCE HEATER

TRADEGRADE

MasterTemp High Performance Heater

Featured Highlights

- Now with smart connectivity, it's easier than ever to get the pool warm and ready whenever it's needed
- Digital connectivity with your pool's automation system and an advanced ignition control module with flame strength sensor help to ensure optimal heater performance
- MasterTemp Heater is certified for low NOx emissions
- Multi-position top panel allows digital display to be re-positioned for convenient operation
- Tough, rustproof exterior handles the heat and weathers the elements
- Certified for outdoor and indoor installations [1]
- Optional Smart Heater Bypass valve control diverts water flow when the heater isn't needed to help save up to 35% in yearly operational costs*

MasterTemp Heaters offer all the efficiency, convenience and reliability features you want in a pool heater, plus a lot more. As easy to use as your home heating system, plus, user-friendly LCD display and troubleshoot icons make system operation and monitoring a snap. The compact design and super-quiet operation won't intrude on your poolside leisure time. Heavy-duty (HD) unit with cupro-nickel exchanger for improved performance in more challenging applications, like low pH, high flow or heavy use.

Ordering Information

Product	Gas Type	BTU (000's)	Heat Exchanger Efficiency	Carton Wt. Lbs.
MASTERTEMP HEATERS				
460730	Natural	200	84%	128
460731	Propane	200	84%	128
461000	Natural	200 ASME	84%	138
460732	Natural	250	84%	133
460733	Propane	250	84%	133
460771	Natural	250 ASME	84%	140
460772	Propane	250 ASME	84%	140
460806	Natural	250HD	82%	136
461020	Natural	250 ASME HD	82%	140
460734	Natural	300	84%	136
460735	Propane	300	84%	136
460736	Natural	400	84%	136
460737	Propane	400	84%	136
460805	Natural	400HD	82%	136
460775	Natural	400 ASME	84%	149
460776	Propane	400 ASME	84%	149
461021	Natural	400 ASME HD	82%	149
461031	Air Intake Kit			
462048	Smart Heater Bypass Kit			

Note:
The MasterTemp High Performance Heater is certified for low NOx emissions.

CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov.

*Savings amount based on lab testing conducted using MasterTemp 400® heater in conjunction with IntelliFlo® VSF Pump and Bypass Kit, which includes IntelliValve® controlled by heater. Test Conditions: Pump flow rate: 50gpm. Pump run time: 3000 hours/yr. Heater run time: 100 hours/yr. Electrical Cost: $0.21 per kWh. System TDH: Heater and Bypass Kit added to Standardized "Curve C" System Curve performance data as per California Energy Commission Title 20 Appliance Efficiency Regulations. Test conditions assume pump flow rate of 50gpm and Constant Flow operation utilizing a lower motor RPM when flow is bypassing the heater due to lower system TDH. Actual performance and any subsequent energy consumption/savings are dependent upon various characteristics of the plumbing system, including but not limited to, pipe size, pipe lengths, filter type, fittings, system design, equipment run time/settings and more.

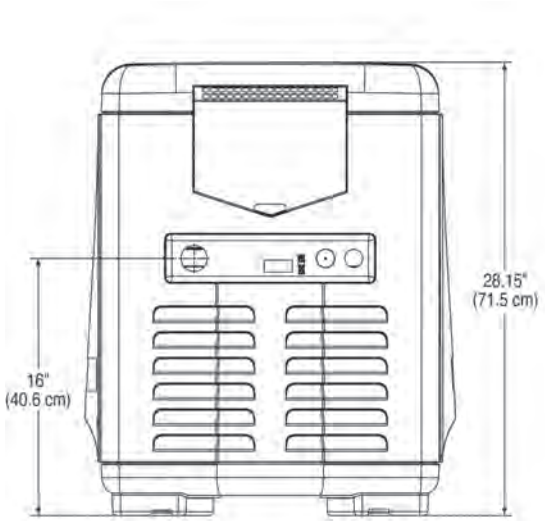
[1] Certified by CSA in compliance with CSA/ANSI Z21.56:19/CSA 4.7:19

SEE PAGE 365 FOR REPLACEMENT PARTS

MASTERTEMP® HEATER (CONT'D)

HIGH PERFORMANCE HEATER

Dimensions and Performance



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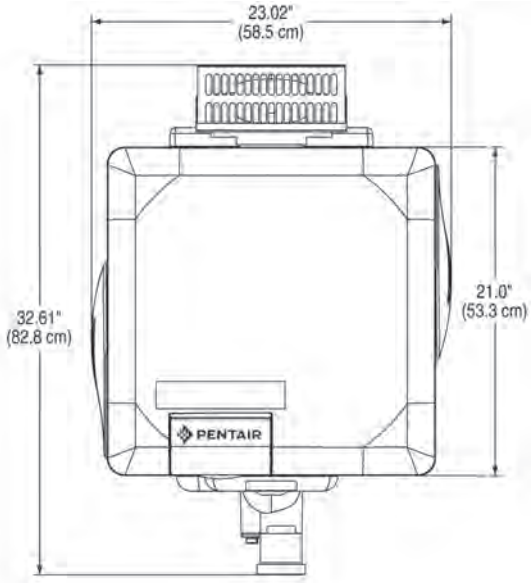

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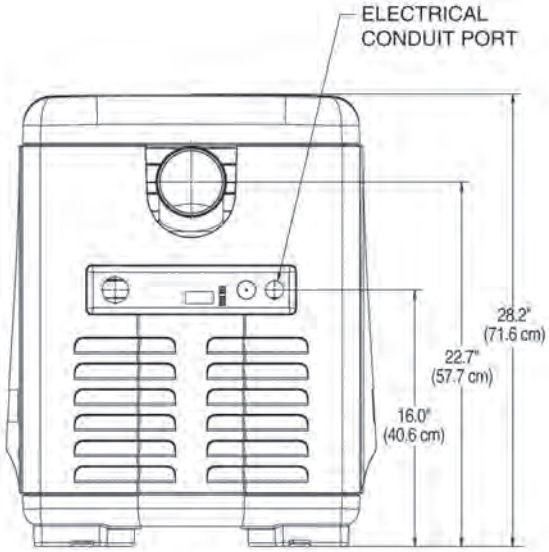
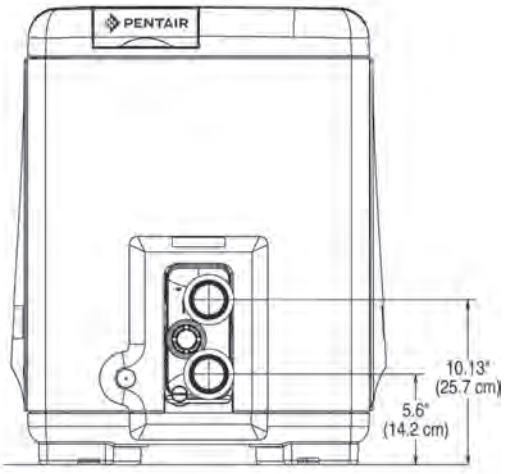


EXHAUST SIDE



PLUMBING SIDE

SEE PAGE 365 FOR REPLACEMENT PARTS

MASTERTEMP® 125

HIGH PERFORMANCE HEATER

TRADEGRADE

MasterTemp 125 Heater

Featured Highlights

- Now with smart connectivity, it's easier than ever to get the pool warm and ready whenever it's needed
- Digital connectivity with your pool's automation system and an advanced ignition control module with flame strength sensor help to ensure optimal heater performance
- MasterTemp 125 Heater is certified for low NOx emissions [1]
- Multi-position top panel allows digital display to be re-positioned for convenient operation
- Tough, rustproof exterior handles the heat and weathers the elements
- Certified for outdoor and indoor installations
- 1-1/2 in. Plumbing connection — ideal for smaller bodies of water, including aboveground pools, spas and in-ground pools up to 15,000 gallons
- Available in natural gas or propane gas
- Lightweight: 80 lbs. — easy to handle and ship
- 3/4 in. gas line up to 50 ft. from source
- Optional Smart Heater Bypass valve control diverts water flow when the heater isn't needed to help save up to 35% in yearly operational costs*

The MasterTemp 125 Heater provides energy-savings and advanced operating features that were only available from much larger heaters. With its revolutionary pre-mixed gas combustion technology, the MasterTemp 125 Heater offers 82% thermal efficiency.[2] The advanced LCD display/controller provides more information and better control.

Ordering Information

Product	Gas Type	BTU (000's)	Carton Wt.
MASTERTEMP 125 HIGH PERFORMANCE HEATER			
461059	Natural, with cord	125	100
461061	LP, with cord	125	100
474845	Air Intake Kit		
462048	Smart Heater Bypass Kit		

[1] Certified by a third party test lab and communicated to SCAQMD for Rule 1146.2

[2] Gas engine measures 82% thermal efficiency when tested per ANSI Z21.56:19/CSA 4.7:19 2019 section 5.10.

CALIFORNIA PROPOSITION 65 WARNING

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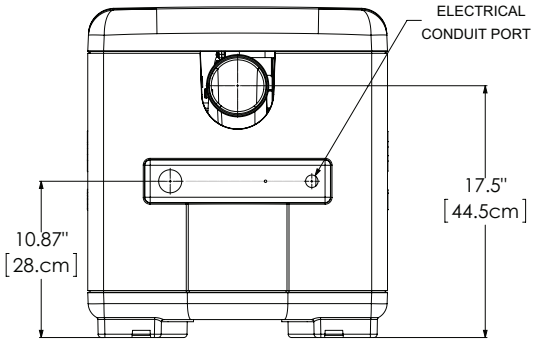
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov. P/N 201714.A

SEE PAGE 365 FOR REPLACEMENT PARTS

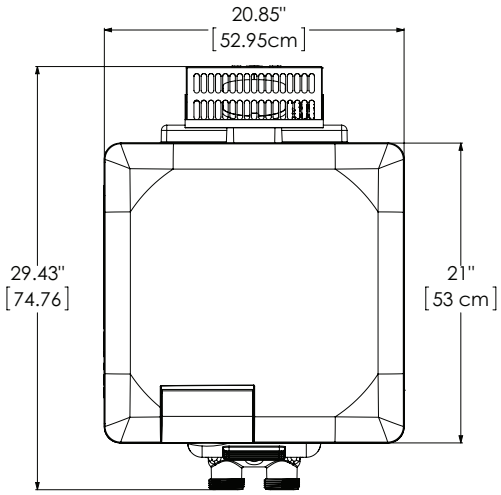
MASTERTEMP® 125 (CONT'D)

HIGH PERFORMANCE HEATER

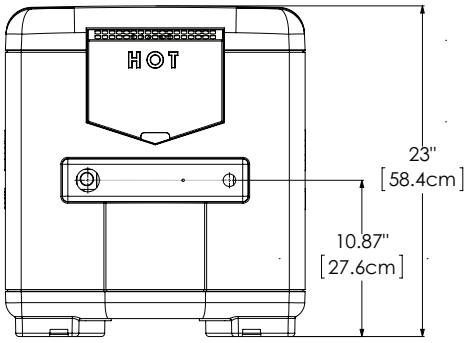
Dimensions and Performance



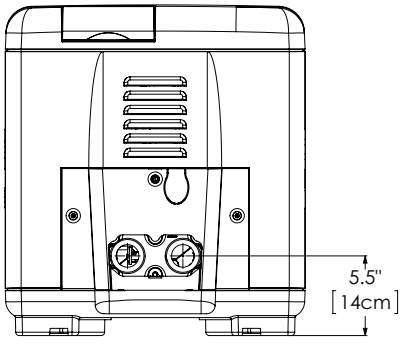
FRONT VIEW



TOP VIEW



EXHAUST SIDE VIEW



PLUMBING SIDE VIEW

SEE PAGE 365 FOR REPLACEMENT PARTS

MAX-E-THERM®

POOL AND SPA HEATER

STA-RITE

TRADEGRADE

Max-E-Therm Pool and Spa Heater

Featured Highlights

- Now with smart connectivity, it's easier than ever to get the pool warm and ready whenever it's needed
- Digital connectivity with your pool's automation system and an advanced ignition control module with flame strength sensor help to ensure optimal heater performance
- Max-E-Therm Heater is certified for low NOx emissions*
- Multi-position top panel allows digital display to be re-positioned for convenient operation
- Tough, rustproof exterior handles the heat and weathers the elements
- Certified for outdoor and indoor installations
- Optional Smart Heater Bypass valve control diverts water flow when the heater isn't needed

For indoor or outdoor installations on pools and spas. Features include an LCD temperature readout with dual thermostat controls, temperature safety lockout, and six-position control panel. PMG burner technology requires no outdoor draft hood. Proven Dura-Glas™ Resin provides rust-proof construction. Heavy-duty (HD) unit with cupro-nickel exchanger for improved performance in more challenging applications, like low pH, high flow or heavy use.

Ordering Information

Product	Description	BTU (000's)	Heat Exchanger Efficiency	Carton Wt.
	MAX-E-THERM POOL/SPA HEATER			
SR200NA	Max-E-Therm 200 BTU Natural Gas Heater	200	84%	131
SR200LP	Max-E-Therm 200 BTU Propane Gas Heater	200	84%	131
SR200HD	Max-E-Therm 200 BTU Heavy Duty Heater	200	82%	131
SR333NA	Max-E-Therm 333 BTU Natural Gas Heater	333	84%	138
SR333LP	Max-E-Therm 333 BTU Propane Gas Heater	333	84%	138
SR333HD	Max-E-Therm 333 BTU Heavy Duty Heater	333	82%	138
SR400NA	Max-E-Therm 400 BTU Natural Gas Heater	400	84%	138
SR400LP	Max-E-Therm 400 BTU Propane Gas Heater	400	84%	138
SR400HD	Max-E-Therm 400 BTU Heavy Duty Heater	400	82%	138
475002	Air Intake Kit			
462048	Smart Heater Bypass Kit			

*Certified by a third party test lab and communicated to SCAQMD for Rule 1146.2

*Savings amount based on lab testing conducted using MasterTemp 400® heater in conjunction with IntelliFlo® VSF Pump and Bypass Kit, which includes IntelliValve® controlled by heater. Test Conditions: Pump flow rate: 50gpm. Pump run time: 3000 hours/yr. Heater run time: 100 hours/yr. Electrical Cost: $0.21 per kWh. System TDH: Heater and Bypass Kit added to Standardized "Curve C" System Curve performance data as per California Energy Commission Title 20 Appliance Efficiency Regulations. Test conditions assume pump flow rate of 50gpm and Constant Flow operation utilizing a lower motor RPM when flow is bypassing the heater due to lower system TDH. Actual performance and any subsequent energy consumption/savings are dependent upon various characteristics of the plumbing system, including but not limited to, pipe size, pipe lengths, filter type, fittings, system design, equipment run time/settings and more.

CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov. P/N 350174-A

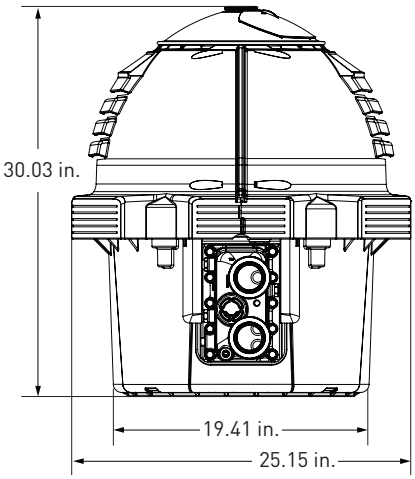
SEE PAGE 365 FOR REPLACEMENT PARTS

MAX-E-THERM® (CONT'D)

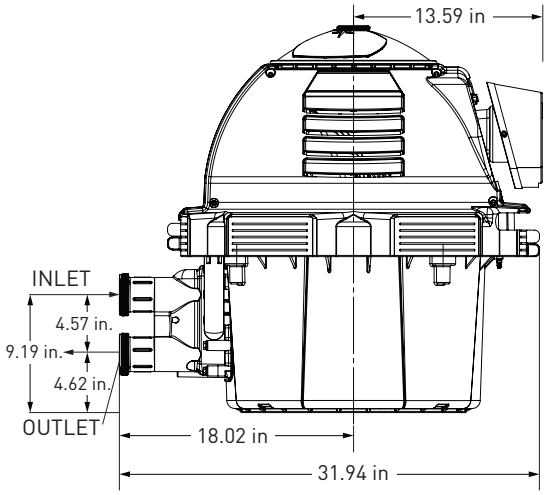
POOL AND SPA HEATER

Dimensions and Performance

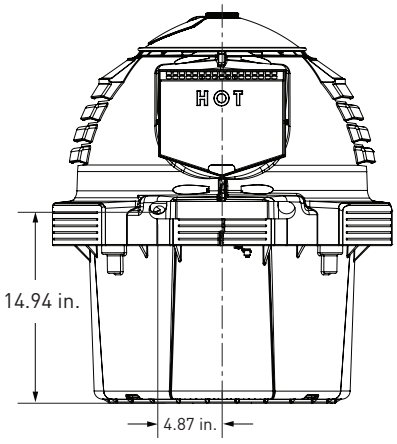
Front View



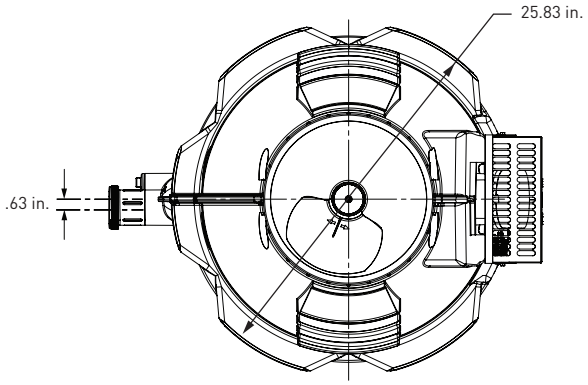
Right Side View



Back View



Top View



SEE PAGE 365 FOR REPLACEMENT PARTS

MAX-E-THERM® AND MASTERTEMP® HEATER ACCESSORIES

Featured Highlights

- **462048 optional Smart Heater Bypass valve control diverts water flow when the heater isn't needed**

Ordering Information

Product	Description	Approx. Ship. Weight (Lbs.)
	VERTICAL VENTING - NEGATIVE PRESSURE	
77707-0076	4 in. x 6 in. Metal Flue Collar	3
77707-0077	4 in. x 8 in. Metal Flue Collar	3
	HORIZONTAL OR VERTICAL VENTING - POSITIVE PRESSURE	
77707-0086	Appliance Adapter, Stainless Steel - Manufactured by HeatFab® venting manufactured by Selkirk Corp. [2]	3
77707-0087	Appliance Adapter, Stainless Steel - Manufactured by Z-Flex U.S. Venting	3
	CONVERSION KITS - NATURAL GAS TO LPG	
461063	NG to LP Conversion Kit - Model 125	1
460794	NG to LP Conversion Kit - Model 175	1
77707-1461	Conversion Kit NG-LPG 200K for Pool and Spa Heater	1
460741	NG to Propane Conversion Kit - Model 250	1
460755	NG to Propane Conversion Kit - Model 300	1
77707-1451	Conversion Kit NG-LPG 333K for Pool and Spa Heater	1
77707-1441	Conversion Kit NG-LPG 400K for Pool and Spa Heater	1
	CONVERSION KITS - LPG to NATURAL GAS	
461062	LP to NG Conversion Kit - Model 125	1
460795	LP to NG Conversion Kit - Model 175	1
77707-1431	Conversion Kit LPG-NG for 200K Pool and Spa Heater	1
460742	Propane to NG Conversion Kit - Model 250	1
460756	Propane to NG Conversion Kit - Model 300	1
77707-1421	Conversion Kit LPG-NG for 333K Pool and Spa Heater	1
77707-1411	Conversion Kit LPG-NG for 400K Pool and Spa Heater	1
	HEATER ACCESSORIES	
42001-0085S	Heater Bolt Down Bracket Kit (Max-E-Therm)	1
460738	Heater Bolt Down Bracket Kit (MasterTemp)	1
PKG 188Z	Union Package (2" Unions)	1
474974	Union Package (1-1/2" Unions)	1
U11-197P	2 in. Adapter (for service loop)	1
461031	Direct Air Intake Duct Kit (MasterTemp)	5
475002	Direct Air Intake Duct Kit (Max-E-Therm)	5
474845	Direct Air Intake Duct Kit (MasterTemp 125)	5
	SERVICE PROFESSIONAL PARTS KIT	
461100	Pro Service Package - Heater Master Package of Water & Electrical System Parts. Includes many common repair parts for Pentair & Sta-Rite heaters in reusable hard case [1]	5
461101	Pro Service Package - Heaters Electrical System Parts. Includes common Electrical System repair parts for Pentair & Sta-Rite heaters in reusable hard case [1]	3
461102	Pro Service Package - Heaters Water System Parts. Includes common Water System repair parts for Pentair & Sta-Rite heaters in reusable hard case [1]	3

[1] Compatible with Pentair MasterTemp® High Performance Heaters, Sta-Rite Max-E-Therm® High Performance Heaters, Models 175/200/250/300/333/400. Not compatible with 125,000 BTU heater

See Engineering Data pages 607–618 for information on selecting the proper size heater and for gas supply and pipe sizing information.

[2] HeatFab® is a registered trademark of Hart & Cooley, Inc.

SEE PAGE 365 FOR REPLACEMENT PARTS

NOTES:

COMMERCIAL POWERMAX®

HIGH PERFORMANCE ELECTRONIC IGNITION HEATER

Featured Highlights

- Reliable operation in natural or propane models
- Fan-assisted and filtered combustion air
- Dual ignition systems for models greater than 750,000 BTU
- Built-in mixing system reduces condensation possibilities
- Fits through standard doorways
- Gas supply right or left side
- CSA Certified
- **All Heaters include CSD-1. Contact factory for part numbers**

Commercial PowerMax Heater

CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
⚠ **AVERTISSEMENT:** Peut Causer le Cancer et des Dommages au Système Reproducteur.
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov. P/N 201174 A

When performance is critical, the PowerMax Heater provides peak efficiency and easy maintenance in both indoor and outdoor applications. Seven sizes delivering up to 85% efficiency ratings* and meeting all low NOx requirements.** PowerMax Heater is designed for operation to 10,000 foot elevation.

Ordering Information

Product	BTUs (000's)	Installation	Gas Type	Pump System	Heat Exchanger	Carton Wt. (Lbs.)
COMMERCIAL POWERMAX NATURAL GAS MODELS						
PM0500NACC3PJN	500	Indoor/Outdoor	Natural	Pump Mounted	CuproNickel	495
PM0750NACC3PJN	750	Indoor/Outdoor	Natural	Pump Mounted	CuproNickel	575
PM1000NACC3PJN	1000	Indoor/Outdoor	Natural	Pump Mounted	CuproNickel	685
PM1250NACC3PJN	1250	Indoor/Outdoor	Natural	Pump Mounted	CuproNickel	730
PM1500NACC3PJN	1500	Indoor/Outdoor	Natural	Pump Mounted	CuproNickel	830
PM1750NACC3PJN	1750	Indoor/Outdoor	Natural	Pump Mounted	CuproNickel	880
PM2000NACC3PJN	2000	Indoor/Outdoor	Natural	Pump Mounted	CuproNickel	1025
COMMERCIAL POWERMAX PROPANE GAS MODELS						
PM0500PACC3PJN	500	Indoor/Outdoor	Propane	Pump Mounted	CuproNickel	495
PM0750PACC3PJN	750	Indoor/Outdoor	Propane	Pump Mounted	CuproNickel	575
PM1000PACC3PJN	1000	Indoor/Outdoor	Propane	Pump Mounted	CuproNickel	685
PM1250PACC3PJN	1250	Indoor/Outdoor	Propane	Pump Mounted	CuproNickel	730
PM1500PACC3PJN	1500	Indoor/Outdoor	Propane	Pump Mounted	CuproNickel	830
PM1750PACC3PJN	1750	Indoor/Outdoor	Propane	Pump Mounted	CuproNickel	880
PM2000PACC3PJN	2000	Indoor/Outdoor	Propane	Pump Mounted	CuproNickel	1025

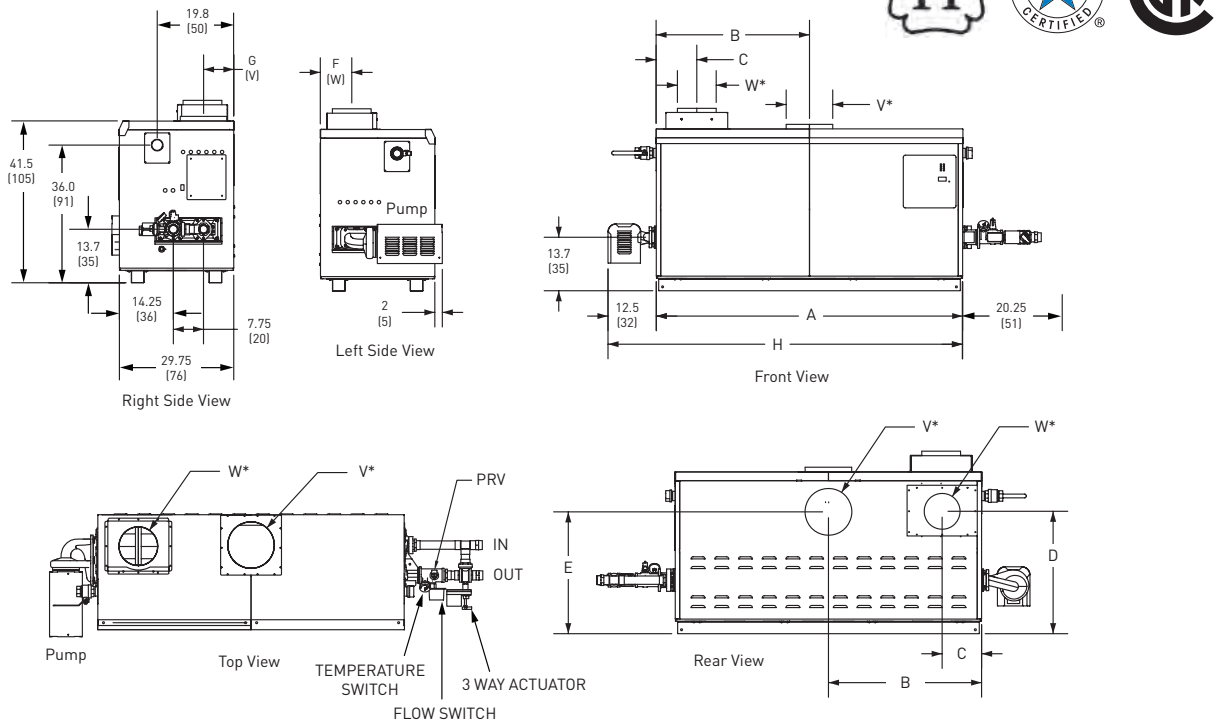
*Gas engine measures up to 85% thermal efficiency depending on size when tested per ANSI Z21.56:19/CSA 4.7:19 2019 section 5.10.

**Certified by a third party test lab and communicated to SCAQMD for Rule 1146.2

COMMERCIAL POWERMAX® (CONT'D)

HIGH PERFORMANCE ELECTRONIC IGNITION HEATER

Dimensions and Performance



Dimensional Data Dimensons shown in inches, cm.

Size (000's)	A		B		C		D		E		F		G		H		Air Conn. W*		Vent Conn. V*		Horiz. Vent Pipe	
500	33½	85	15¾	40	5¾	15	29¾	76	32¾	83	7¾	20	8¾	22	46	117	6	15	8	15	6	15
750	45½	116	21¾	55	5¾	15	29¾	76	32¾	83	7¾	20	8¾	22	58	147	6	15	10	20	8	15
1000	57½	146	28¾	73	5¾	15	29¾	76	32¾	83	7¾	20	7	18	70	178	8	20	10	25	8	20
1250	68	172	34	86	10¼	26	30¾	78	29½	75	8¾	22	8¾	22	80	203	8	20	12	30	8	20
1500	78½	199	39¾	101	10¼	26	30¾	78	29½	75	8¾	22	8¾	22	91	231	8	20	12	30	8	20
1750	89	226	44½	113	10¼	26	30¾	78	29½	75	8¾	22	8¾	22	101	256	8	20	14	36	8	20
2000	99½	253	49¾	126	10¼	26	30¾	78	29½	75	8¾	22	8¾	22	112	284	12	30	14	36	12	30

*Air and vent connections may be on top or back of the PowerMax, and are field convertible.

Sizing Data

Indoor Model	Input[1] BTU/h x1000	Output[1] BTU/h x1000	Gas Conn. Size inches[2]	Heater Water Conn. Size inches[2]	Mixing System Water Conn. Size inches[2]	Shipping Weight lbs.	kg
500	500	425	1¼	2	2	495	225
750	750	638	1¼	2	2	575	261
1000	999	849	1½	2½	2	685	311
1250	1250	1063	2	2½	2	730	331
1500	1500	1275	2	2½	2	830	377
1750	1750	1488	2	2½	2	880	400
2000	1999	1699	2	2½	2	1025	465

NOTES: 1. Input and output must be derated 2% per 1000 feet above sea level when installed above 2000 feet altitude.
2. Dimensions are nominal.

Note: Contact factory at 1-800-831-7133 for replacement parts.

COMMERCIAL MEGATHERM®

HIGH PERFORMANCE ELECTRONIC IGNITION HEATER

Featured Highlights

- Electronic ignition
- Built-in draft diverter (indoor models) simplifies installation
- Integral pump assures proper water flow (models 500-1825)
- High temperature refractory firebox liner to 2000° F
- Easy-to-service header flanges
- Corrosion-resistant glass-lined headers
- CSA Certified
- **All Heaters include CSD-1. Contact factory for part numbers**
- Start-up service by an authorized representative is strongly recommended before regular operation

Commercial MegaTherm Heater

CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
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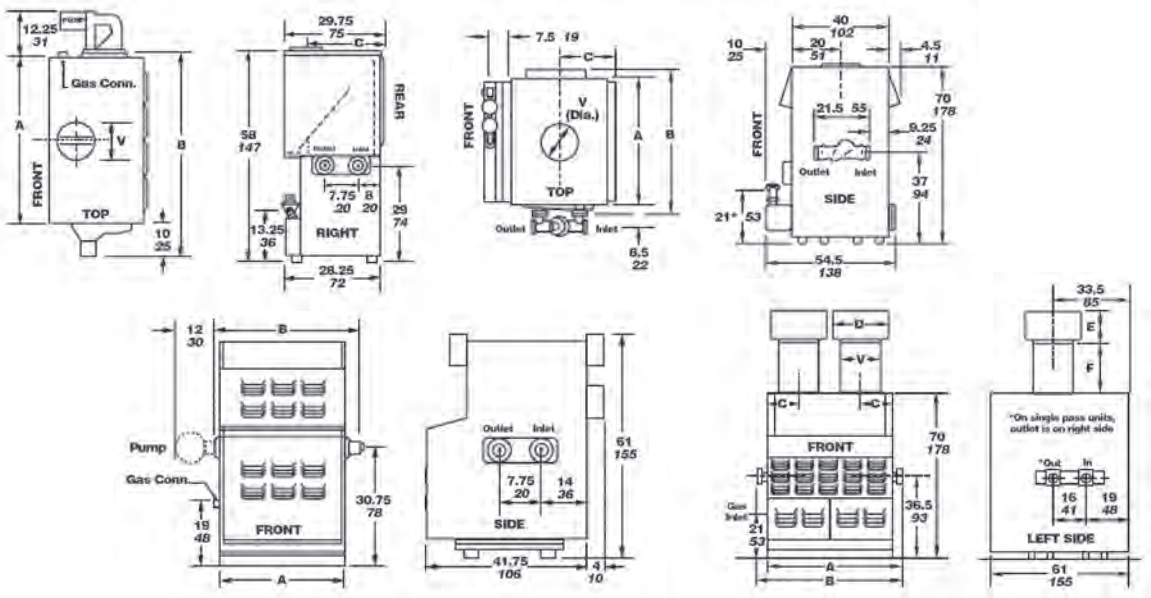
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov.

MegaTherm Pool Heaters are designed for commercial, institutional and large residential pools where economical performance and rapid heat-up are required. Available in indoor and outdoor models in both natural and propane. MegaTherm is design verified to the ANSI Z21.56 Standard for Gas-Fired Pool Heaters (Outdoor 5---1825 units are certified for use without the addition of a draft diverter or external vent. Indoor units incorporate a built-in draft diverter and require vent piping only.)

Ordering Information

Product	BTUs (000's)	Installation	Gas Type	Pump System	Heat Exchanger	Carton Wt. (Lbs.)
COMMERCIAL MEGATHERM NATURAL GAS MODELS						
MT2200IN09CBPNJX	2200	Indoor	Natural	Pump Mounted	CuproNickel	1950
MT2800IN09CBPNJX	2800	Indoor	Natural	Pump Mounted	CuproNickel	2100
MT3200IN09CBPNJX	3200	Indoor	Natural	Pump Mounted	CuproNickel	2250
MT3600IN09CBPNJX	3600	Indoor	Natural	Pump Mounted	CuproNickel	2510
MT4000IN09CBPNJX	4000	Indoor	Natural	Pump Mounted	CuproNickel	2750
MT4500IN09CBPNJX	4500	Indoor	Natural	Pump Mounted	CuproNickel	2900
MT2200EN09CBPNJX	2200	Outdoor	Natural	Pump Mounted	CuproNickel	2320
MT2800EN09CBPNJX	2800	Outdoor	Natural	Pump Mounted	CuproNickel	2500
MT3200EN09CBPNJX	3200	Outdoor	Natural	Pump Mounted	CuproNickel	2840
MT3600EN09CBPNJX	3600	Outdoor	Natural	Pump Mounted	CuproNickel	3175
MT4000EN09CBPNJX	4000	Outdoor	Natural	Pump Mounted	CuproNickel	3940
MT4500EN09CBPNJX	4500	Outdoor	Natural	Pump Mounted	CuproNickel	3790

Dimensions and Performance



ULTRATEMP® HEAT PUMP

HIGH PERFORMANCE HEAT PUMP

TRADEGRADE

Featured Highlights

- 100% titanium heat exchanger assures corrosion-resistant performance for extra long life
- LCD control board displays an intuitive menu-driven read out with easy to follow full word messages; no more codes
- Automatic defrost feature senses refrigerant temperature and prevents freezing, allowing the heat pump to operate at even lower temperatures
- Compatible with ALL automated control packages
- Long-life corrosion resistant plastic composite cabinet stands up to severe climates and pool chemicals
- ETL certified safe for operation
- Thermostatic Expansion Valve (TXV) controls refrigerant flow for optimum efficiency and BTU output over a wider operating range
- High efficiency, meets or exceeds existing codes and standards
- BTU and efficiency performance independently certified by the Air-Conditioning, Heating and Refrigeration Institute, AHRI

Appliance Efficiency Database

UltraTemp 120Q Heat Pump

UltraTemp Heat Pumps are manufactured with non-ozone depleting R410 refrigerant.

Ordering Information

Part # BLACK	Part # ALMOND	Model	80/80/80* BTU/COP	80/63/80* BTU/COP	50/63/80* BTU/COP	Freq (Hz)	Breaker Size (amp)	Phase	Volt	Ctn Qty.	Ctn Wt.	"A" Dim.
ULTRATEMP HEAT PUMPS												
460962	460932	110	110,000/6.1	101,000/5.8	70,000/4.0	60	50	1	230	1	271	45.5
460863	460833	120Q	127,000/5.7	120,000/5.5	80,000/4.0	60	50	1	230	1	270	48.1
460964	460934	140	145,000/5.8	135,000/5.6	90,000/4.0	60	50	1	230	1	335	45.5
460965	460935	120 H/C	125,000 Heat/5.5 71,000 Cool/4.1	118,000/5.3	80,000/4.0	60	50	1	230	1	283	45.5
460959	460958	140 H/C	140,000 Heat/5.6 71,000 Cool/4.1	132,000/5.4	85,000/4.0	60	50	1	230	1	344	45.5
-	460928	140C	140,000/5.7	130,000/5.5	85,000/4.0	50	50	3	230	1	335	45.5
-	460932	140 H/C	110,000/6.1	101,000/5.8	70,000/4.0	60	50	1	230	1	271	45.5

*Rating in accordance with AHRI Standard 1160
(air temp. °F. / % relative humidity / water temp °F.)

CALIFORNIA PROPOSITION 65 WARNING

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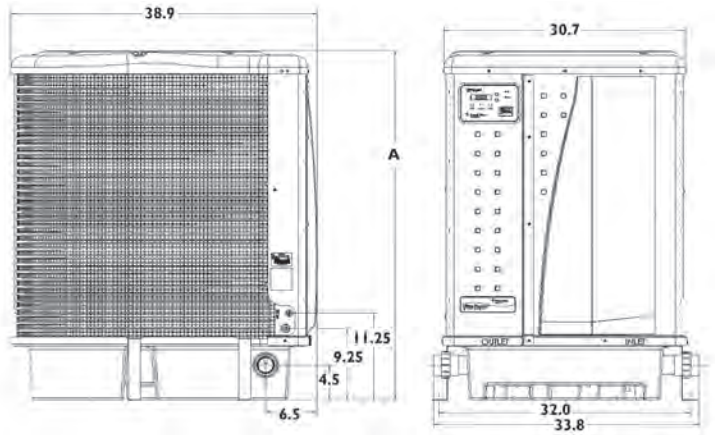
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov.

Dimensions and Performance



Intertek

AHRI CERTIFIED

The AHRI Certified® Mark is applied only to HVACR equipment and components that have been independently tested to certify manufacturers' performance claims are accurate. Visit www.ahridirectory.org for a complete list of certified products.

CEC indicates that Heat Pump has been evaluated to California Title-20, listed in the California Energy Commission's (CEC) database of compliant heat pumps, and certified to use on Residential Swimming Pool Filtration Systems.

SEE PAGE 365 FOR REPLACEMENT PARTS

NOTES:

PENTAIR POOL

IN-FLOOR CLEANING & CIRCULATION

Updated June 2025

G4V
COMPLETE CLEANING HEADS

G4V Complete White

Featured Highlights

- Superior energy efficiency as compared to non-venturi cleaning heads
- Allows pool to circulate water and properly clean, even at reduced pump speeds
- Directs water to the pool floor for a more even temperature
- Helps ensure a more even dispersement of chemicals

Pentair G4V cleaning head harnesses the power of venturi technology to help improve your system's cleaning capability. As your pump drives water through the nozzle, our proprietary venturi head design creates a vacuum which generates additional flow strength, augmenting the cleaning power at no extra cost.

Ordering Information

Pentair Item #	Product Name & Description
G4V COMPLETE HEADS W/ PROTECTA FOAM W/ RISER (Internal, Floor Fitting, Color Ring, Slurry Cap, Riser & Protecta)	
221004	G4V Complete with Riser Black
221003	G4V Complete with Riser Dark Gray
221001	G4V Complete with Riser White
221002	G4V Complete with Riser Light Gray
G4V COMPLETE HEADS W/ PROTECTA FOAM (Internal, Floor Fitting, Color Ring, Slurry Cap, Riser & Protecta)	
230122	G4V Complete Black
230123	G4V Complete Dark Gray
230125	G4V Complete White
230129	G4V Complete Light Gray
G4VHP COMPLETE HEADS W/ PROTECTA FOAM W/ RISER (Internal, Floor Fitting, Color Ring, Slurry Cap, Riser & Protecta)	
230160	G4VHP Complete with Riser Black
230161	G4VHP Complete with Riser Dark Gray
230163	G4VHP Complete with Riser White
230167	G4VHP Complete with Riser Light Gray

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www.p65warnings.ca.gov. P/N 20174.A

G4V (CONT'D)
COMPLETE CLEANING HEADS

Pentair Item #	Product Name & Description
G4VHP COMPLETE HEADS W/ PROTECTA FOAM (Internal, Floor Fitting, Color Ring, Slurry Cap, Riser & Protecta)	
230130	G4VHP Complete Black
230131	G4VHP Complete Dark Gray
230133	G4VHP Complete White
230137	G4VHP Complete Light Gray
G4 HEADS COMPLETE ADJUSTIBLE ORIFICE W/ RISER (Internal, Floor Fitting, Color Ring, Slurry Cap, Riser & Protecta)	
222004	G4 Adjust Orifice Comp with Riser Black
222003	G4 Adjust Orifice Comp with Riser Dark Gray
222001	G4 Adjust Orifice Comp with Riser White
222002	G4 Adjust Orifice Comp with Riser Light Gray
G4 HEADS COMPLETE ADJUSTIBLE ORIFICE (Internal, Floor Fitting, Color Ring, Slurry Cap, Riser & Protecta)	
230138	G4 Adjust Orifice Comp Black
230139	G4 Adjust Orifice Comp Dark Gray
230141	G4 Adjust Orifice Comp White
230143	G4 Adjust Orifice Comp Light Gray

STYLE 2
COMPLETE CLEANING HEADS

CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov. P/N 200174 A

Style 2 Vinyl G2 Complete White

Ordering Information

Pentair Item #	Product Name & Description
G2/G2V COMPLETE VINYL HEADS (Floor Fitting, Internal, & Color Ring)	
228062	Style 2 Vinyl G2 Complete Light Gray
228061	Style 2 Vinyl G2 Complete White
228162	Vinyl G2V Complete Light Gray
228161	Vinyl G2V Complete White

G4 / G4V / G4VHP INTERNAL HEADS

CLEANING HEAD INTERNALS & PARTS

G4V Internal White

G4VHP Internal White

G4 Internal White

CALIFORNIA PROPOSITION 65 WARNING

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www.p65warnings.ca.gov. P/N:20174.A

Ordering Information

Pentair Item #	Product Name & Description
	G4V FLOOR FITTING ASSEMBLY NO RISER (Floor Fitting, Color Ring, Slurry Cap, & Protecta)
232104	G4 Floor Fitting Assembly Black
232103	G4 Floor Fitting Assembly Dark Gray
232107	G4 Floor Fitting Assembly Tan
232101	G4 Floor Fitting Assembly White
232102	G4 Floor Fitting Assembly Light Gray
	G4V INTERNAL HEADS
231204	G4V Internal Black
231203	G4V Internal Dark Gray
231207	G4V Internal Tan
231201	G4V Internal White
231208	G4V Internal Gold
231206	G4V Internal Dark Blue
231205	G4V Internal Euro Blue
231202	G4V Internal Light Gray
	G4V COMPONENTS
232404Z	G4 / G4V / G4VHP Color Ring Black
232403Z	G4 / G4V / G4VHP Color Ring Dark Gray
232401Z	G4 / G4V / G4VHP Color Ring White
232402Z	G4 / G4V / G4VHP Color Ring Light Gray
231100	G4 / G4V / G4VHP Floor Fitting
236770	G4 / G4V / G4VHP O-Ring (Round)
236079	Plaster Cap
230158	G4 / G4V / G4VHP Riser Pipe Pack 20
230159	G4 / G4V / G4VHP Riser Pipe Pack 40

G4 / G4V / G4VHP INTERNAL HEADS (CONT'D)

CLEANING HEAD INTERNALS & PARTS

Pentair Item #	Product Name & Description
	G4VHP INTERNAL HEADS
233204	G4VHP Internal Black
233203	G4VHP Internal Dark Gray
233201	G4VHP Internal White
233202	G4VHP Internal Light Gray
	G4 INTERNAL HEADS ADJUSTABLE ORIFICE (Also fits discontinued G3)
232204	G4 Internal Black
232203	G4 Internal Dark Gray
232207	G4 Internal Tan
232201	G4 Internal White
232208	G4 Internal Gold
232206	G4 Internal Dark Blue
232205	G4 Internal Euro Blue
232202	G4 Internal Light Gray
	G4 FIXED HEADS COMPLETE ADJUSTABLE ORIFICE W/ RISER (INTERNAL, FLOOR FITTING, COLOR RING, SLURRY CAP, RISER & PROTECTA)
220123	G4 Adjust Orifice Fixed Comp with Riser White
220124	G4 Adjust Orifice Fixed Comp with Riser Black
220125	G4 Adjust Orifice Fixed Comp with Riser Dark Gray
220126	G4 Adjust Orifice Fixed Comp with Riser Light Gray
	G4 FIXED HEADS COMPLETE ADJUSTABLE ORIFICE (Internal, Floor Fitting, Color Ring, Slurry Cap & Protecta)
220139	G4 Adjust Orifice Fixed Comp White
220140	G4 Adjust Orifice Fixed Comp Black
220141	G4 Adjust Orifice Fixed Comp Dark Gray
220142	G4 Adjust Orifice Fixed Comp Light Gray
	G4 FIXED INTERNAL HEADS ADJUSTABLE ORIFICE (Also fits discontinued G3)
220109Z	G4 Internal Fixed White
220111Z	G4 Internal Fixed Black
220112Z	G4 Internal Fixed Dark Gray
220113Z	G4 Internal Fixed Light Gray

G4 Fixed White | G4 Fixed Black | G4 Fixed Dark Gray | G4 Fixed Light Gray

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www.p65warnings.ca.gov. P/N 220174 A

STYLE 2 INTERNALS

CLEANING HEAD PARTS

Ordering Information

Pentair Item #	Product Name & Description
	STYLE 2 COMPONENTS
236040	Style 2 O-Ring (Round)
236143	Style 2 Floor Fitting Dark Gray
236141	Style 2 Floor Fitting White
230108	Style 2 Floor Fitting Vinyl White
230087	Style 2 Floor Fitting Vinyl Gray

Style 2 Floor Fitting White

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www.p65warnings.ca.gov. P/N 200174.A

G2 RETRO INTERNALS W/ VARIABLE FLOW ORIFICES

CLEANING HEAD INTERNALS & PARTS

Ordering Information

Pentair Item #	Product Name & Description
	G2 RETRO INTERNALS W/ VARIABLE FLOW ORIFICES (Upgrade from Style 2)
236704	G2 Retro Internal Black
236683	G2 Retro Internal Dark Gray
236671	G2 Retro Internal White
236612	G2 Retro Internal Light Gray
236706	G2 Retro Internal Dark Blue
	G2V RETRO INTERNALS
236744	G2V Retro Internal Black
236703	G2V Retro Internal Dark Gray
236701	G2V Retro Internal White
236702	G2V Retro Internal Light Gray
236786	G2V Retro Internal Dark Blue

G2 Retro Internal White

G2V Retro Internal White

CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov. P/N 200174.A

STYLE 1 INTERNALS

CLEANING HEAD INTERNALS & PARTS

Style 1 High Flow Internal White

Ordering Information

Pentair Item #	Product Name & Description
	STYLE 1 INTERNALS
236353	Style 1 High Flow Internal Dark Gray
236351	Style 1 High Flow Internal White
236252	Style 1 Low Flow Internal Dark Gray
236251	Style 1 Low Flow Internal White
	STYLE 1 COMPONENTS
236950	Style 1 O-Ring (Square)

CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov. P/N 20017A.A

CLEANING HEAD ACCESSORIES & TOOLS

Ordering Information

G4 / G4V / G4VHP Pressure Systems Test Kit

G4 / G4V / G4VHP Metal Installation Tool

Pentair Item #	Product Name & Description
	G4 / G4V / G4VHP
229910	G4 / G4V / G4VHP Plastic Installation Tool
229600	G4 / G4V / G4VHP Metal Installation Tool
229700	G4 / G4V / G4VHP Pressure System Test Kit
220100	G4/G4V/G4VHP Winterizing Plug Salmon
220096	G4/G4V/G4VHP Winterizing Plug BLK
220097	G4/G4V/G4VHP Winterizing Plug GRY
220098	G4/G4V/G4VHP Winterizing Plug LT GRY
220099	G4/G4V/G4VHP Winterizing Plug WHT
229601	Pipe Reamer Tool for 2" PVC Schedule 40
	STYLE 2
229642	Style 2 Metal Installation Tool
230040	Syle 2 System Pressure Test Kit
236200	Syle 2 Riser Pipe (15' PVC)
229940	Style 2 Plastic Installation
	STYLE 1
229950	Style 1 Plastic Installation Tool

Pipe Reamer Tool for 2" PVC Schedule 40

G4 / G4V / G4VHP Test / Winterizing Plug

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WAVE WATER ACTUATED VALVE

COMPLETE VALVES

6 Port Low Profile 2" T-Valve

6 Port Low Profile 1 1/2" T-Valve

Featured Highlights

- Smooth transition – helps reduce pressure spikes
- Efficient and easy to maintain
- Available in multiple port configurations

The WAVE Water Actuator Valve is the control center of your pool cleaning and circulation system, directing the water to specific zones in your pool. Standard features such as built-in speed control and QuikStop ensure optimum cleaning and circulation, as well as functional flexibility.

Each new WAVE valve cam has been redesigned to provide better recognition, optimized cleaning, and longer life than the previous design. The new design minimizes the time needed to transition between zones, simultaneously reducing the pressure swing to as low as 0.5 psi. Additionally, the cams have been labeled and color-coded for easy product recognition, as well as utilizing a high quality plastic, engineered for improved performance in chlorinated environments.

Ordering Information

Pentair Item #	Product Name & Description
	LOW PROFILE 2" ACTUATOR VALVE COMPLETES
224420	6 Port Low Profile 2" T-Valve
224700	3 Port Low Profile 2" T-Valve
224800	2 Port Low Profile 2" T-Valve
224000	Duo Valve System Low Profile 2" (1 (one) 2 Port & 2 (two) 6 Port Low Profile Valves)
	LOW PROFILE 1 1/2" ACTUATOR VALVE COMPLETES
224470	6 Port Low Profile 1 1/2" T-Valve
	LOW PROFILE 1 1/2" WATER FEATURE VALVE
591540	Splashpad Low Profile 1 1/2"Water Feature Valve

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P/N 200174-A

TOP FEED ACTUATOR VALVE

COMPLETE VALVES

6 Port Top Feed 1 1/2" T-Valve without Quikstop

5 Port Top Feed 1 1/2" T-Valve with Quikstop

6 Port Top Feed 1 1/2" T-Valve with Quikstop

The Pentair Top Feed Valve is constructed to provide optimal cleaning with ease-of-maintenance. The Top Feed Valve features a durable Upper Housing which also includes the Speed Control mechanism. The cleaning valve directs high-pressured water to one of the five zones at a time and exits through the pop-up heads designated to that zone. The cleaning system also aids in boosting circulation with heating systems, allowing your entire pool to be heated rather than just the top section.

Ordering Information

Pentair Item #	Product Name & Description
	TOP FEED 1 1/2" ACTUATOR VALVE COMPLETES
225571	5 Port Top Feed 1 1/2" T-Valve without Quikstop
225470	6 Port Top Feed 1 1/2" T-Valve with Quikstop
225570	5 Port Top Feed 1 1/2" T-Valve with Quikstop

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P/N 220174 A

LOW PROFILE ACTUATOR VALVES

VALVE REPLACEMENT PARTS

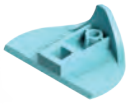
6 Port Low Profile T-Valve Kit 2"

3 Port Low Profile T-Valve Kit 2"

2 Port Low Profile T-Valve Kit 2"

2/3 Port Low Profile T-Valve Kit 1 1/2"

6 Port Low Profile Retro Kit



6 Port T-Valve Cam

3 Port T-Valve Cam

2 Port T-Valve Cam

Ordering Information

Pentair Item #	Product Name & Description
	LOW PROFILE ACTUATOR VALVE KITS
230069	6 Port Low Profile T-Valve Kit 2 "
230146	3 Port Low Profile T-Valve Kit 2"
230147	2 Port Low Profile T-Valve Kit 2"
230148	6 Port Low Profile T-Valve Kit 1 1/2"
238510	2/3 Port Low Profile T-Valve Kit 1 1/2"
230062	Kit D 6 Port Low Profile Ball Valve Kit
230066	6 Port Low Profile Retro Kit
	LOW PROFILE ACTUATOR VALVE COMPONENTS
230010Z	6 Port T-Valve Cam (Old Part #539639)
230007Z	3 Port T-Valve Cam (Old Part #545588)
230006Z	2 Port T-Valve Cam (Old Part #545588)

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LOW PROFILE ACTUATOR VALVES (CONT'D)

VALVE REPLACEMENT PARTS

Pentair Item #	Product Name & Description
230046Z	Low Profile Valve O-Ring
230175	Low Profile Speed Nozzle (Outside Install)
230174	Low Profile Speed Nozzle (Inside Install)
230022Z	Low Profile Impeller
230011Z	Low Profile Band Clamp
230045	Low Profile Valve Lid Assembly with O-Ring
230149	Low Profile 1 1/2" Housing with Press In T-Valves
230043Z	6 Port 2" Low Profile Valve Housing
230363Z	3 Port 2” Low Profile Valve Housing
230364Z	2 Port 2” Low Profile Valve Housing
230080	2" T-Valve Assembly (6 Pack)
230176	1 1/2" T-Valve Assembly
235090	1 1/2" and 2" T-Valve Install & Remove Tool

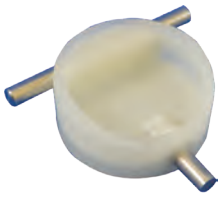
5 Port T-Valve Cam

5 Port Ball Valve Cam

Low Profile Valve Lid Assembly with O-Ring

Low Profile 1 1/2" Housing with Press-In T-Valves

6 Port 2" Low Profile Valve Housing



2" T-Valve Assembly

TOP FEED ACTUATOR VALVES

VALVE REPLACEMENT PARTS

Kit (A) 5 & 6 Port Top Feed Gear

Kit (C) 6 Port Top Feed Ball Valve

6 Port Top Feed Retro Kit

6 Port Top Feed Kit 1 1/2"

6 Port Top Feed Lower Housing

5-Poft Top Feed Lower Housing (Black) with T-Flaps Installed

5 Port Top Feed Lower Housing

Top Feed Upper Housing with Speed Ctrl & Diverter

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Ordering Information

Pentair Item #	Product Name & Description
	TOP FEED ACTUATOR VALVE KITS
230054	Kit (A) 5 & 6 Port Top Feed Gear
230055	Kit (C) 6 Port Top Feed Ball Valve
230060	Kit (B) 5 Port Top Feed Ball Valve
230065	6 Port Top Feed Retro Kit
230067	5 Port Top Feed Retro Kit
230068	6 Port Top Feed Kit 1 1/2"
230070	5 Port Top Feed Kit 1 1/2"
	TOP FEED ACTUATOR VALVE COMPONENTS
230019Z	6 Port Top Feed Lower Housing
230018	5 Port Top Feed Lower Housing (Black) with T-Flaps Installed
230047	Ball Valve O-Ring
230042Z	Top Feed Valve Band Clamp
230057	Gear Retainer Clip Kit (12)
230010Z	6 Port T-Valve Cam
230008Z	5 Port T-Valve Cam
235090	1 1/2" and 2" T-Valve Install & Remove Tools
235080Z	Devcon Plastic Welder (1 oz Tube)
230024	Top Feed Lid with Speed Control & Diverter
	LIVING WATER COMPONENTS
591500	Living Waters Gear Kit

FLOWVIS® IN-LINE FLOW METER

VALVE ACCESSORIES & TOOLS

Featured Highlights

- Installation flexibility; installs horizontally, vertically, or even upside-down
- Can be installed with little-to-zero straight pipe requirements
- Doubles as a check valve (1.5", 2", 2.5" and 2"x2.5"models)
- Clear, easy-to-read scale in GPM or optional LPM or M3/h with velocity scale
- Installs quickly and easily with no calibration required

FlowVis Flow Meter

FlowVis Flow Meter is a unique flow meter solution for clean water applications such as swimming pools, spas, water features, and fountains. Models are available for 1.5" through 4" as well as retrofit units for existing specific third party valve bodies. Models for 1.5", 2", and 2.5" pipe include an integrated check valve. Additionally, a non-check valve model is available for applications that employ an SVRS and where check valves are not permitted. All FlowVis models offer highly accurate performance and a unique ability to be installed right next to other plumbing fittings such as tees, without the need for long straight pipe runs before and after.

Ordering Information

Pentair Item #	Product Name & Description
	FLOWVIS FLOW METER (US GALLON PER MINUTE)
261193	Flowvis Flow Meter (US Gallon Per Minute)

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AVSC HEAVY DEBRIS REMOVAL DRAIN

COMPLETE DRAINS

AVSC Single Standard Top Channel Drain White

AVSC Single Suction Pebble Top Drain White

Featured Highlights

- Available in single and dual-inlet models
- Easy installation, including construction cover
- For pools, spas, and water features
- Available with a Pebble Top Lid

AVSC Dual Standard Top Channel Drain White

AVSC Dual Suction Pebble Top Drain White

AVSC Vinyl Dual Suction White

The AVSC drain is a heavy debris removal drain in an unblockable package. The AVSC drain conforms to all current ANSI, NSF, and VGB anti-entrapment standards, and boasts one of the highest flow rates of debris removal drains in the U.S. to date.

Available in a both dual or single port models (accepting both 2.5" and 3" pipe) the AVSC drain comes in a wide variety of colors. In addition, an optional fillable lid is available to allow the drain to seamlessly blend into the surrounding finish of the pool.

Ordering Information

Pentair Item #	Product Name & Description
	AVSC SINGLE SUCTION STANDARD TOP DRAIN
285001	AVSC Single Standard Top Channel Drain White
285003	AVSC Single Standard Top Channel Drain Dark Gray
285004	AVSC Single Standard Top Channel Drain Black
285002	AVSC Single Standard Top Channel Drain Light Gray

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AVSC HEAVY DEBRIS REMOVAL DRAIN (CONT'D)

COMPLETE DRAINS

Pentair Item #	Product Name & Description
	AVSC DUAL SUCTION STANDARD TOP DRAIN
286101	AVSC Dual Standard Top Channel Drain White
286123	AVSC Dual Standard Top Channel Drain Dark Gray
286114	AVSC Dual Standard Top Channel Drain Black
286102	AVSC Dual Standard Top Channel Drain Light Gray
	AVSC SINGLE SUCTION PEBBLE TOP DRAIN
288101	AVSC Single Pebble Top Channel Drain White
288103	AVSC Single Pebble Top Channel Drain Dark Gray
288104	AVSC Single Pebble Top Channel Drain Black
288102	AVSC Single Pebble Top Channel Drain Light Gray
	AVSC DUAL SUCTION PEBBLE TOP DRAIN
289101	AVSC Dual Pebble Top Channel Drain White
289103	AVSC Dual Pebble Top Channel Drain Dark Gray
289104	AVSC Dual Pebble Top Channel Drain Black
289102	AVSC Dual Pebble Top Channel Drain Light Gray
	VINYL AVSC DUAL DRAIN
284161	AVSC Vinyl Dual White
284202	AVSC Vinyl Dual Light Gray

AVSC HEAVY DEBRIS REMOVAL DRAIN

DRAIN REPLACEMENT PARTS & ACCESSORIES

AVSC Standard Top Cover Only Light Gray

AVSC Pebble Top Cover Only Light Gray

AVSC Color Change Insert Light Gray

Hydro Relief Valve 1 1/2"

AVSC Pressure Test Plug 2 1/2"

AVSC Channel Drain 17" Baffle

Ordering Information

Pentair Item #	Product Name & Description
	AVSC STANDARD COVER ONLY
295301	AVSC Standard Top Cover Only White
295003	AVSC Standard Top Cover Only Dark Gray
295304	AVSC Standard Top Cover Only Black
295302	AVSC Standard Top Cover Only Light Gray
	AVSC PEBBLE TOP COVER ONLY
298601	AVSC Pebble Top Cover Only White
298200	AVSC Pebble Top Cover Only Dark Gray
298204	AVSC Pebble Top Cover Only Black
298302	AVSC Pebble Top Cover Only Light Gray
	AVSC DRAIN COLOR CHANGE INSERT
295001	AVSC Color Change Insert White
295013	AVSC Color Change Insert Dark Gry
295204	AVSC Color Change Insert Black
295202	AVSC Color Change Insert Light Gray

AVSC Gunite Cover

Ordering Information

Pentair Item #	Product Name & Description
	AVSC DRAIN COMPONENTS
280000	Hydro Relief Valve 1 1/2"
290060	AVSC Pressure Test Plug 2 1/2"
295800	AVSC Pressure Test Plug O-Ring
295290	AVSC Channel Drain 17" Baffle
	AVSC DRAIN ACCESSORIES & TOOLS
295300	AVSC Gunite Cover
295314	AVSC SS 316 Screws (Set of 10 with Tool)

PDR2 POWERFUL DEBRIS REMOVAL DRAIN

COMPLETE DRAINS

Featured Highlights

- Manufactured from UV-resistant engineered polymers
- #316 stainless steel screws
- Hydrostatic Connection Designed into the Sump
- Capable of handling large debris

PDR2 10" Drains No Sump (Set of 2) White

PDR2 10" Drains with Sump (Set of 2) White

PDR2 Retro Fit Kit White

PDR2 drain provides heavy debris removal and aids in water circulation in your pool. The PDR2 drain is VGB/CPSC compliant, and is specifically designed and engineered for debris removal. Its size makes it a great drain for areas with space limitations. The PDR2 drain provides an excellent choice for deep end pools or catch basins.

Ordering Information

Pentair Item #	Product Name & Description
	PDR2 10" DRAINS NO SUMP (SET OF 2)
287174	PDR2 10" Drains No Sump (Set of 2) Black
287103	PDR2 10" Drains No Sump (Set of 2) Dark Gray
287121	PDR2 10" Drains No Sump (Set of 2) White
280024	PDR2 10" Drains No Sump (Set of 2) Light Gray
	PDR2 10" DRAINS WITH SUMP (SET OF 2)
287104	PDR2 10" Drains with Sump (Set of 2) Black
287153	PDR2 10" Drains with Sump (Set of 2) Dark Gray
287111	PDR2 10" Drains with Sump (Set of 2) White
280402	PDR2 10" Drains with Sump (Set of 2) Light Gray
	PDR 10" DRAINS COMPONENTS
290220	PDR2 Main Drain SS Screws (Set of 3 with Tool)
	PDR2 10" DRAINS RETRO KIT (INCLUDES REPLACEMENT COVERS)
290244	PDR2 Retro Fit Kit Black
287106	PDR2 Retro Fit Kit Dark Blue
290228	PDR2 Retro Fit Kit Gold
287163	PDR2 Retro Fit Kit Dark Gray
287101	PDR2 Retro Fit Kit White

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LEAFVAC DEBRIS CONTAINMENT REMOVAL

DEBRIS REMOVAL & CONTAINMENT COMPLETE

LeafVac Debris Canister Complete

Featured Highlights

- Energy efficient design
- Extra-large capacity
- Helps protect the pool pump
- Easy, minimal maintenance

The Pentair LeafVac system is an industry-leading heavy debris removal system. Its extra-large canister holds more debris, ensuring more time between cleanings. The extra capacity also allows for unimpeded flow of water, saving the pool's pump from potential damage. The pump, in turn, uses less power, thus saving energy.

Ordering Information

Pentair Item #	Product Name & Description
	LEAFVAC DEBRIS CANISTER COMPLETE
200210	LeafVac Complete (Length 26 1/2" / Width 14 1/4")

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LEAFVAC DEBRIS CONTAINMENT

DEBRIS REMOVAL & CONTAINMENT REPLACEMENT PARTS

LeafVac Debris Basket Plastic

LeafVac Internal Seal Plate (In Deck)

LeafVac Silt Sock

LeafVac Assembly (Includes Lid, Locking Ring, and O-Ring)

LeafVac Canisters with Unions

LeafVac Union Set

Ordering Information

Pentair Item #	Product Name & Description
	LEAFVAC DEBRIS CANISTER COMPONENTS
219001Z	LeafVac O-Ring
219200	LeafVac Lid Assembly (Includes Lid, Locking Ring, and O-Ring)
219300	LeafVac Debris Basket Plastic
219910Z	LeafVac Internal Seal Plate (In Deck)
219080	LeafVac Seal Plate with Lock (In Deck)
219700	LeafVac Canister with Unions
219800	LeafVac Union Set
219400Z	LeafVac Union O-Ring

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MULTICYCLONE DEBRIS REMOVAL

DEBRIS REMOVAL & CONTAINMENT COMPLETE

MultiCyclone 16 Pro
Pre Filter WaterCo® (Industrial)

Featured Highlights

- Minimizes filter maintenance
- Reduces backwash frequency
- Suitable for new and existing installations

When used as a pre-filter, the MultiCyclone filter's fine particulates such as sand or dust before it gets to the main filter. This reduces the wear and tear on traditional filter media and increases the amount of time between necessary filter cleanings. The MultiCyclone filter has no filter media to maintain or replace, and can be cleaned with a simple turn of a valve. It can be used as a pre-filter to traditional filtration, or as a stand-alone filter on water feature pumps.

Ordering Information

Pentair Item #	Product Name & Description
	PRE FILTER (CYCLONE)
301300	Multicyclone 16 Pro Pre Filter Waterco (Industrial)

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QUIKSKIM VENTURI POWERED
COMPLETE SKIMMERS

Featured Highlights

- Uses existing return water to create stronger skimming-action
- Anti-entrapment design offers reassurance for you and your family
- Durable housing is available in multiple colors
- Available for concrete, vinyl, and fiberglass pools

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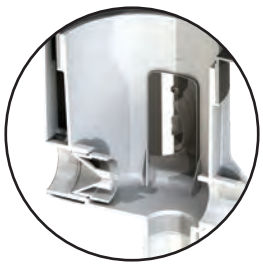
QuikSkim Skimmer Black Body, Black Ring Lid, w/ Foam



Optional Bonding Lug

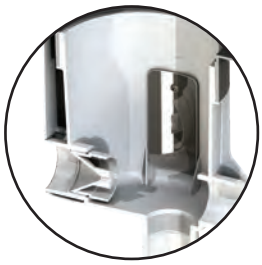
The Pentair QuikSkim Skimmer is venturi-powered. The skimming strength comes from return water, not the pool pump suction. This process is not only efficient, but provides effective surface skimming.

Ordering Information

Pentair Item #	With Lug	Product Name & Description
		QUIKSKIM COMPLETE WITH PROTECTA FOAM
505107	504107	QuikSkim White Body, Tan Ring Lid, w/ Foam
505101	504101	QuikSkim White Body, White Ring Lid, w/ Foam
505102	504102	QuikSkim White Body, Gray Ring Lid, w/ Foam
505307	504307	QuikSkim Gray Body, Tan Ring Lid, w/ Foam
505301	504301	QuikSkim Gray Body, White Ring Lid, w/ Foam
505302	504302	QuikSkim Gray Body, Gray Ring Lid, w/ Foam
		QUIKSKIM COMPLETE WITH PROTECTA NO LID OR RING
505110	504110	QS w/ Protecta, White Body, No Lid or Ring
505310	504310	QS w/ Protecta, Gray Body, No Lid or Ring
		QUIKSKIM VINYL
501123	–	QuikSkim Vinyl White Body, Dark Gray Ring Lid
		QUIKSKIM FIBERGLASS
517337	–	QS Fiberglass Dark Gray Body, Tan Ring Lid
517333	–	QS Fiberglass Dark Gray Body, Dark Gray Ring Lid
510137	–	QS Fiberglass White Body, Tan Ring Lid
501131	–	QS Fiberglass White Body, White Ring Lid
		SUCTION FIBERGLASS SKIMMERS (NON-VENTURI) w/ 7 DEGREE FRONT FACE
510130	–	Fiberglass Skimmer w/Dual Suction Ports, White Body, Light Gray Lid
517330	–	Fiberglass Skimmer w/Dual Suction Ports, Gray Body, Light Gray Lid
518031	–	Fiberglass Skimmer w/Dual Suction Ports, White Body, White Lid

QUIKSKIM ULTRA VENTURI POWERED
COMPLETE SKIMMERS

QuikSkim Skimmer Ultra
White Body, White Ring Lid



Optional Bonding Lug

Featured Highlights

- 9” ultra high debris basket to further increase debris containment
- Uses existing return water to create stronger skimming-action
- Durable housing is available in multiple colors
- Available for concrete, vinyl, and fiberglass pools

Ordering Information

Pentair Item #	With Lug	Product Name & Description
QUIKSKIM ULTRA COMPLETE WITH PROTECTA		
507107	508107	QS Ultra w/ Protecta, White Body, Tan Ring Lid
507101	508101	QS Ultra w/ Protecta, White Body, White Ring Lid
507102	508102	QS Ultra w/ Protecta, White Body, Gray Ring Lid
507307	508307	QS Ultra w/ Protecta, Gray Body, Tan Ring Lid
507301	508301	QS Ultra w/ Protecta, Gray Body, White Ring Lid
507302	508302	QS Ultra w/ Protecta, Gray Body, Gray Ring Lid
QUIKSKIM ULTRA WITH PROTECTA NO LID OR RING		
507110	506110	QS Ultra w/ Protecta, White Body, No Lid or Ring
507310	506510	QS Ultra w/ Protecta, Gray Body, No Lid or Ring

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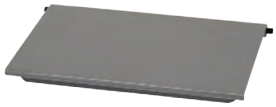
QUIKSKIM

SKIMMER REPLACEMENT PARTS

QuikSkim Basket with Silt Sock

QuikSkim Deck Lid and Ring White

QuikSkim Start Up Kit



QuikSkim Weir with Clips Dark Gray

Ordering Information

Pentair Item #	Product Name & Description
	QUIKSKIM COMPONENTS
516487	Quikguard 2" Schedule 40 Knock-In Wall Fitting Black
516480	Quikguard 2" Schedule 40 Knock-In Wall Fitting Gray
516482	Quikguard 2" Schedule 40 Knock-In Wall Fitting Light Gray
516479	Quikguard 2" Schedule 40 Knock-In Wall Fitting White
510800	QuikSkim Basket with Silt Sock
518301	QuikSkim Deck Lid and Ring White
510097	QuikSkim Deck Lid and Ring Tan
511002	QuikSkim Deck Lid and Ring Gray
516477	QuikSkim Start Up Kit
516478	QuikSkim Venturi Nozzle
518201	QuikSkim Weir with Clips White
510702	QuikSkim Weir with Clips Light Gray
518213	QuikSkim Weir with Clips Dark Gray

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QUIKSKIM ULTRA

SKIMMER REPLACEMENT PARTS

Quikguard 2" Schedule 40 Knock-In Wall Fitting Gray

QuikSkim Ultra High Capacity Basket

QuikSkim Ultra 2" Pressure Test Plug with O-Ring

QuikSkim Ultra Venturi Nozzle

Ordering Information

Pentair Item #	Product Name & Description
	QUIKSKIM ULTRA COMPONENTS
516487	Quikguard 2" Schedule 40 Knock-In Wall Fitting Black
516480	Quikguard 2" Schedule 40 Knock-In Wall Fitting Gray
516482	Quikguard 2" Schedule 40 Knock-In Wall Fitting Light Gray
516479	Quikguard 2" Schedule 40 Knock-In Wall Fitting White
519900	QuikSkim Ultra High Capacity Basket with silt sock
510400	QuikSkim Ultra 2" Pressure Test Plug with O-Ring
518301	QuikSkim Ultra Deck Lid & Ring White
510097	QuikSkim Ultra Deck Lid & Ring Tan
511002	QuikSkim Ultra Deck Lid & Ring Light Gray
519000	QuikSkim Ultra Silt Sock
519800	QuikSkim Ultra Start Up Kit
516478	QuikSkim Ultra Venturi Nozzle
518201	QuikSkim Ultra Weir with Clips White
510702	QuikSkim Ultra Weir with Clips Light Gray
518213	QuikSkim Ultra Weir with Clips Dark Gray

SKIMMER ACCESSORIES & TOOLS

QuikSkim 2" Test Plug Removal Tool

Ordering Information

Pentair Item #	Product Name & Description
	QUIKSKIM TEST PLUG REMOVAL TOOL
510700	QuikSkim 2" Test Plug Removal Tool

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

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P/N 200174-A

QUIKPURE3® OZONE SYSTEM
COMPLETE

Featured Highlights

- Convenient dual voltage design (110v or 220v) and plug-in UV bulb
- Available in 25,000- and 50,000-gallon capacity units

QuikPure3 Ozone System 25,000 Gallon (Stand Pipe)

The Pentair QuikPure3 Ozone System releases ozone into the pool, which reduces the amount of chlorine needed to maintain proper water chemistry. Reducing the amount of chlorine needed helps relieve the potential for irritated eyes and itchy skin.

Ordering Information

Pentair Item #	Product Name & Description
	QUIKPURE3
381100	QuikPure3 25,000 Gallon (Stand Pipe)
381250	QuikPure3 50,000 Gallon (Stand Pipe)
383101	QuikPure3 25,000 Gallon (No Stand Pipe)
383201	QuikPure3 50,000 Gallon (No Stand Pipe)

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P/N 220174 A

QUIKPURE3® OZONE SYSTEM

PARTS & ACCESSORIES

QuikPure3 4-Pin Lamp
(1-25 Or 2-50)

QuikPure3 Ballast
(1-25 Or 2-50)

QuikPure3 Auto Feed Kit

QuikPure3 Micro Switch
Pin Plunger

QuikPure3 Orifice Check
Valve Assembly

QuikPure3 Air Bleed Kit

Ozone Injector Manifold
with Tubing Kit

Ozone Injector Tubing
Kit with Check Valve

Ordering Information

Pentair Item #	Product Name & Description
	QUIKPURE3 COMPONENTS
391270	QuikPure3 4-Pin Lamp (1-25 or 2-50)
391205	QuikPure3 Ballast (1-25 or 2-50)
391060	QuikPure3 Auto Feed Kit
391050	QuikPure3 Micro Switch Pin Plunger
391034	QuikPure3 Orifice Check Valve Assembly
391001	QuikPure3 Air Bleed Kit
399150	Ozone Injector Manifold with Tubing Kit
399180	Ozone Injector Tubing Kit with Check Valve

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P/N 200174-A

QUIKDEKCLOR POOLSIDE CHLORINE FEEDER

COMPLETE

Featured Highlights

- Innovative design allows for easy adjustment to compensate for swimmer load and pool conditions
- Compatible with multiple chlorine tab sizes
- Includes internal locking safety lid
- Available in multiple lid colors

Quik DekClor Dark Gray Complete

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Delivering chlorine directly into your pool, Quik DekClor chlorine feeder helps to prevent chemical wear and tear on your pump motor and filtering systems. The Quik DekClor chlorine feeder has specially engineered inlets that create an even water flow around chlorine tabs, which aids in the consistent disbursement of chemicals into the pool.

Ordering Information

Pentair Item #	Product Name & Description
	DEKCLOR WITH PROTECTA
385007	DekClor Tan
385001	DekClor White
385003	DekClor Dark Gray
385002	DekClor Light Gray
	DEKCLOR WITHOUT RING LID
385012	DekClor without Ring Lid, with Protecta

DEKCLOR POOLSIDE CHLORINE FEEDER AND WHISPA

PARTS & ACCESSORIES

DekClor/Whispa Lid White, Tan, Dark Gray, & Light Gray

Ordering Information

Pentair Item #	Product Name & Description
	DEKCLOR/WHISPA COMPONENTS
542517	DekClor/Whispa Lid White with Collar
542520	DekClor/Whispa Lid Tan with Collar
542516	DekClor/Whispa Lid Dark Gray with Collar
542518	DekClor/Whispa Lid Light Gray with Collar
391900	DekClor Safety Plate with Lock (Old Style)
391010	DekClor Start Up Kit with Safety Plate

DekClor Start Up Kit with Safety Plate

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BUBBLE JET
WATER FEATURE

Bubble Jet Dark Gray

Ordering Information

Pentair Item #	Product Name & Description
	BUBBLE JET FOUNTAIN COMPLETE (Manifold, Internal 8GPM)
580301	Bubble Jet White
580303	Bubble Jet Dark Gray
	BUBBLE JET FOUNTAIN COMPONENTS
591301	Bubble Jet Internal White
591303	Bubble Jet Internal Dark Gray

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SPLASHDOWN
WATER FEATURE PARTS & ACCESSORIES

22" SplashDown Internal Dark Gray

Ordering Information

Pentair Item #	Product Name & Description
	SPLASHDOWN 22" INTERNALS
591213	22" SplashDown Internal Water Jet White
591211	22" SplashDown Internal Water Jet Dark Gray

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AQUA ARCH

WATER FEATURE COMPLETE

Aqua Arch

Ordering Information

Pentair Item #	Product Name & Description
AQUA ARCH (8-10 GPM)	
580150	Aqua Arch

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AQUA ARCH

WATER FEATURE PARTS & ACCESSORIES

Aqua Arch Tool

Ordering Information

Pentair Item #	Product Name & Description
AQUA ARCH TOOLS & ACCESSORIES	
580151	Aqua Arch Tool

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TRIO DECK JET VARIABLE

WATER FEATURE COMPLETE

Trio Deck Jet Gray

Ordering Information

Pentair Item #	Product Name & Description
	TRIO DECK JET (Fan Nozzle 2 GPM - Standard Jet Nozzle 5GPM - Triple Spray 2GPM)
591600	Trio Deck Jet Bronze
580603	Trio Deck Jet Gray
580130	Trio Deck Jet Tan

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TRIO DECK JET VARIABLE

WATER FEATURE PARTS & ACCESSORIES

Ordering Information

Pentair Item #	Product Name & Description
	TRIO DECK JET COMPONENTS
580139	Trio Deck Jet O-Ring
	TRIO DECK JET TOOLS & ACCESSORIES
580610	Trio Deck Jet Tool Plastic

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QUIK WATER LEVELER

WHITE GOODS COMPLETE

Featured Highlights

- Maintains water level 24 hours a day
- Helps prevent expensive pump burnouts caused by low water levels
- Available in multiple lid colors

Quik Water Leveler Dark Gray

The Quik Water Leveler automatically controls the water level of your pool. Help ensure the proper maintenance of your pool's system while saving time for the more important things.

Ordering Information

Pentair Item #	Product Name & Description
	QUIK WATER LEVELER COMPLETE
542472	Water Leveler Tan with Protecta Foam
542469	Water Leveler White with Protecta Foam
542471	Water Leveler Dark Gray with Protecta Foam
542470	Water Leveler Light Gray with Protecta Foam

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WATER LEVELER COMPONENTS

WHITE GOODS REPLACEMENT PARTS

Water Leveler Float with Restrictor Seal

Water Leveler Pressure Test Plug

Ordering Information

Pentair Item #	Product Name & Description
	WATER LEVELER COMPONENTS
542517	Deck Lid White with Collar
542520	Deck Lid Tan with Collar
542516	Deck Lid Dark Gray with Collar
542518	Deck Lid Light Gray with Collar
542486	Water Leveler Float with Restrictor Seal
542488	Water Leveler Restictor Seal
T6EXT	Water Leveler Float Extension
542490	Water Leveler Repair Schedule 40
542491	Water Leveler Repair Schedule 80
542492	Water Leveler Repair Street 90
542479	Water Leveler Pressure Test Plug

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www.p65warnings.ca.gov. P/N 20017A.A

INFUSION WALL INLETS

WHITE GOODS COMPLETE

Infusion Fitting White

Ordering Information

Pentair Item #	Product Name & Description
	INFUSION WALL INLETS
542530	Infusion Fitting White
542528	Infusion Fitting Dark Gray
542529	Infusion Fitting Black
542531	Infusion Fitting Light Gray

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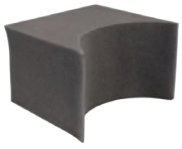
PVC FITTINGS & MISC PRODUCTS

G4 Cleaning Heads Floor Fitting

QuikSkim Venturi Powered Skimmers Housing



QuikSkim Venturi Powered Skimmers Throat

2" Male Imperial / 63 MM Female Metric Adapter

Ordering Information

Pentair Item #	Product Name & Description
	PROTECTA FOAM INSERTS
239850	G4 Cleaning Heads Floor Fitting
516497	QuikSkim / QuikSkim Ultra Housing & Throat Protecta Kit
	PVC FITTINGS
516488	2" Male Imperial / 63 MM Female Metric Adapter
	MISC PRODUCTS
542583	Plumbing Labels

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PENTAIR REPLACEMENT INTERNAL COMPONENTS FOR RETRO FIT

RETRO INTERNALS

Pentair Replacement Parts for Paramount PCC2000 Retro Internal White

Pentair Replacement Parts for Paramount PV3 Retro Internal White

Pentair Replacement Parts for Caretaker Threaded Retro Internal White

Pentair Replacement Parts for BlueSquare Retro Internal White

Pentair Replacement Parts for Caretaker Retro Internal Gray

Ordering Information

Pentair Product #	Product Name & Description
	PARAMOUNT[1] PCC2000 RETRO INTERNALS WITH ROTATING NOZZLES*
220084	PCC2000 Retro Rotating Nozzle, White
220085	PCC2000 Retro Rotating Nozzle, Light Gray
220086	PCC2000 Retro Rotating Nozzle, Gray
220087	PCC2000 Retro Rotating Nozzle, Black
	PARAMOUNT[1] PCC2000 RETRO INTERNALS WITH FIXED NOZZLES*
220088	PCC2000 Retro Fixed Nozzle, White
220089	PCC2000 Retro Fixed Nozzle, Light Gray
220090	PCC2000 Retro Fixed Nozzle, Gray
220091	PCC2000 Retro Fixed Nozzle, Black

*Compatible with PCC2000, Vanquish, Vantage, & Vanish

	PARAMOUNT[1] PV3 RETRO INTERNALS WITH RATCHETING NOZZLES**
220076	PV3 Retro Ratcheting Nozzle Multi Orfice Cap, White
220077	PV3 Retro Ratcheting Nozzle Multi Orfice Cap, Light Gray
220078	PV3 Retro Ratcheting Nozzle Multi Orfice Cap, Gray
220079	PV3 Retro Ratcheting Nozzle Multi Orfice Cap, Black
	PARAMOUNT[1] PV3 RETRO INTERNALS WITH WEIGHTED NOZZLES**
220080	PV3 Retro Weighted Nozzle Multi Orfice Cap, White
220081	PV3 Retro Weighted Nozzle Multi Orfice Cap, Light Gray
220082	PV3 Retro Weighted Nozzle Multi Orfice Cap, Gray
220083	PV3 Retro Weighted Nozzle Multi Orfice Cap, Black

**Compatible with PV3, PVR, Cyclean, Eco System, & Eco Pool

Pentair Product #	Product Name & Description
	CARETAKER[2] RETRO INTERNALS WITH THREADED RATCHETING HEAD
220068	Caretaker Threaded Ratcheting Head Multi Orfice Cap, White
220070	Caretaker Threaded Ratcheting Head Multi Orfice Cap, Gray
220071	Caretaker Threaded Ratcheting Head Multi Orfice Cap, Black
	CARETAKER[2] RETRO INTERNALS WITH LOCKING HEAD
220072	Caretaker99 Retro Locking Head Multi Orfice Cap, White
220073	Caretaker99 Retro Locking Head Multi Orfice Cap, Dark Gray
220074	Caretaker99 Retro Locking Head Multi Orfice Cap, Gray
220075	Caretaker99 Retro Locking Head Multi Orfice Cap, Black
	BLUESQUARE[3] RETRO INTERNALS WITH RATCHETING HEAD
220065	BlueSquare Retro Ratcheting Head Multi Orfice Cap, White
220066	BlueSquare Retro Ratcheting Head Multi Orfice Cap, Gray
220067	BlueSquare Retro Ratcheting Head Multi Orfice Cap, Black
	PARAMOUNT PV3 INTERNALS WITH SPINNING HEADS
230349	PV3 Retro Spinning Head Multi Orifice Cap, White
230350	PV3 Retro Spinning Head Multi Orifice Cap, Light Gray
230351	PV3 Retro Spinning Head Multi Orifice Cap, Dark Gray
230352	PV3 Retro Spinning Head Multi Orifice Cap, Black

[1] Note: These parts are manufactured by Pentair as replacements for designated Hayward Industries, Inc. (“Hayward”) products. Paramount Pools is a trademark of Hayward.

[2] Note : These parts are manufactured by Pentair as replacements for designated Zodiac Pool Systems, Inc. (“Zodiac”) products. Caretaker is a trademark of Zodiac Pool Systems, Inc.

[3] Note: These parts are manufactured by Pentair as replacements for designated Blue Square Manufacturing, LLC (“Blue Square”) products. Q360 ® is a registered trademark of Blue Square.

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PENTAIR REPLACEMENT INTERNAL COMPONENTS FOR RETRO FIT (CONT'D)

RETRO INTERNALS

Ordering Information

Pentair Product #	Product Name & Description
	PENTAIR REPLACEMENT PARTS FOR PARAMOUNT POOL RETRO FIT HEADS
230330	Pool Valet High Flow Retro Replacement White

Note: These parts are manufactured by A&A Manufacturing as replacements for designated Hayward Industries, Inc. ("Hayward") products. Paramount Pools is a trademark of Hayward.

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PENTAIR REPLACEMENT COMPONENTS FOR RETRO INTERNALS

RETRO INTERNAL REPLACEMENT PARTS

Turbo Clean Adapter Package Internal White 9/16"

Style 1 Internal 9/16" Orifice White

Turbo Clean Adapter White

Ordering Information

Pentair Product #	Product Name & Description
	TURBO CLEAN RETRO FIT INTERNALS
236011	Turbo Clean Adapter Package Internal White 9/16"
236016	Turbo Clean Adapter Package Internal Gray 9/16"
	TURBO CLEAN RETRO FIT COMPONENTS
236460Z	Turbo Clean Adapter O-Ring
236810	Turbo Clean Adapter Black
230400	Turbo Clean Internal

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QUIKCIRC™ CIRCULATION SYSTEM

PACKAGED SYSTEMS

QuikCirc 3 G4
Package – White

QuikCirc 6 G4
Package – White

QuikCirc 6 G4 Vinyl
Package – White

Ordering Information

Pentair Product #	Product Name & Description
QUIKCIRC 3-HEAD SYSTEM CONCRETE (2-port 2" Low Profile Valve, 3 G4 complete heads & risers, plastic head removal tool)	
230169	QuikCirc 3 G4 Package – White
226323	QuikCirc 3 G4 Package – Dk Gray
230168	QuikCirc 3 G4 Package – Lt Gray
QUIKCIRC 6-HEAD SYSTEM CONCRETE (2-port 2" Low Profile Valve, 6 G4 complete heads & risers)	
226251	QuikCirc 6 G4 Package – White
226242	QuikCirc 6 G4 Package – Dk Gray
226252	QuikCirc 6 G4 Package – Lt Gray
QUIKCIRC 6-HEAD SYSTEM VINYL (2-port 2" Low Profile Valve, 6 G2 complete vinyl heads)	
226261	QuikCirc 6 G2 Vinyl Package – White
226262	QuikCirc 6 G2 Vinyl Package – Lt Gray
QUIKCIRC 9-HEAD SYSTEM CONCRETE (3-port 2" Low Profile Valve, 9 G4 complete heads & risers)	
226301	QuikCirc 9 G4 Package – White
226353	QuikCirc 9 G4 Package – Dk Gray
226352	QuikCirc 9 G4 Package – Lt Gray
QUIKCIRC 9-HEAD SYSTEM VINYL (3-port 2" Low Profile Valve, 9 G2 complete vinyl heads)	
226361	QuikCirc 9 G2 Vinyl Package – White
226362	QuikCirc 9 G2 Vinyl Package – Lt Gray
QUIKCIRC 6-HEAD SYSTEM CONCRETE (3-port 2" Low Profile Valve, 6 G4 complete heads & risers)	
230172	QuikCirc 6 G4 Vinyl Package – White
230170	QuikCirc 6 G4 Vinyl Package – Dk Gray
230171	QuikCirc 6 G4 Vinyl Package – Lt Gray

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INTERNATIONAL AND METRIC PRODUCTS

Ordering Information

Pentair Metric Item #	Product Name & Description
G4V COMPLETE HEADS W/ PROTECTA FOAM W/ RISER (Internal, Floor Fitting, Color Ring, Slurry Cap, Riser, & Protecta)	
221104	G4V Complete with Riser Black
221103	G4V Complete with Riser Dark Gray
221101	G4V Complete with Riser White
221102	G4V Complete with Riser Light Gray
G4 HEADS COMPLETE ADJUSTIBLE ORIFICE W/ RISER (Internal, Floor Fitting, Color Ring, Slurry Cap, Riser, & Protecta)	
222104	G4 Adjust Orifice Comp with Riser Black
222103	G4 Adjust Orifice Comp with Riser Dark Gray
222101	G4 Adjust Orifice Comp with Riser White
222102	G4 Adjust Orifice Comp with Riser Light Gray
G4V COMPONENTS	
232120	G4 / G4V / G4VHP Metric Floor Fitting

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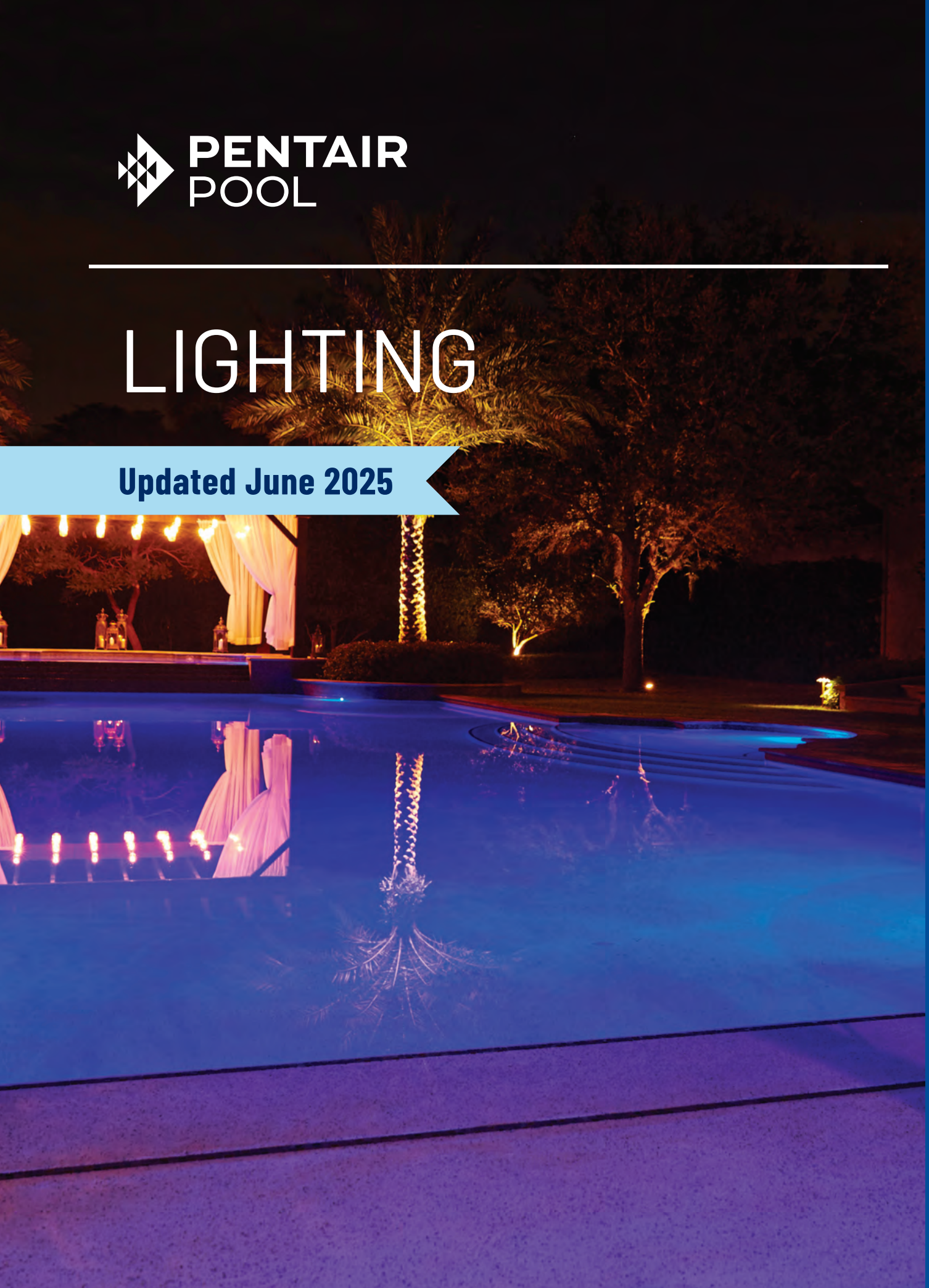
PENTAIR POOL

LIGHTING

Updated June 2025



INTELLIVIBE™
POOL LIGHTING SYSTEM

NEW

Controller

The IntelliVibe Pool Lighting System is Pentair Pool's latest lighting innovation. Pool owners can instantly light up pools with millions of colors, multi-zone control, and dimming capabilities, all from their mobile device. It's the perfect customizable combination to make pools a whole vibe.

Featured Highlights

- Choose from millions of colors and 12 color-changing light shows (seven are new!)
- Independently control up to four pool zones for the ultimate customization
- Dimmable lights set the mood or crank up the energy
- Select any shade of white from bright, cool white to the soothing glow of warm white
- Easy pool control with the Pentair Pool app: a fast, user-friendly way to illuminate the night
- Operable with the required IntelliVibe Controller and IntelliCenter® Automation System
- IntelliVibe Nano, Micro, and Mezzo lights are sold separately and non-backward compatible with Pentair GloBrite, MicroBrite, or IntelliBrite lights

Ordering Information

Description	Part Number	Diameter	Cable Length	Voltage	Power
INTELLIVIBE POOL LIGHTING SYSTEM					
IntelliVibe Controller	602260	NA	NA	14V	200W
IntelliVibe Nano Light	602268	1"	50'	12V	2W
IntelliVibe Nano Light	602269	1"	100'	12V	2W
IntelliVibe Nano Light	602270	1"	150'	12V	2W
IntelliVibe Micro Light	602278	2"	50'	12V	12W
IntelliVibe Micro Light	602279	2"	100'	12V	12W
IntelliVibe Micro Light	602280	2"	150'	12V	12W
IntelliVibe Mezzo Light	602281	3" (5" with trim ring installed)	50'	12V	24W
IntelliVibe Mezzo Light	602282	3" (5" with trim ring installed)	100'	12V	24W
IntelliVibe Mezzo Light	602283	3" (5" with trim ring installed)	150'	12V	24W
120V to 14V Transformer 300W	619963	NA	NA	120V IN / 12V OUT	300W

IntelliVibe Nano
Illuminates shallow water, steps, or landscape and water features in or out of the water.

IntelliVibe Mezzo
Powerful compact light illuminates larger pool areas.

IntelliVibe Micro
Mounts in 1.5-inch pool fittings to illuminate pools, spas, and sun shelves.

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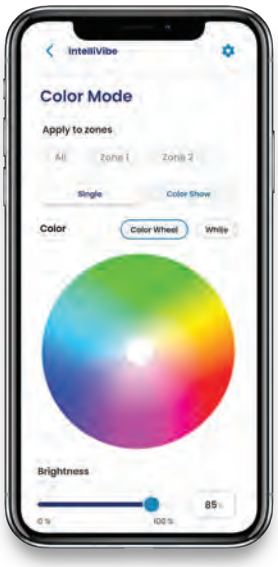
INTELLIVIBE™ (CONT'D)

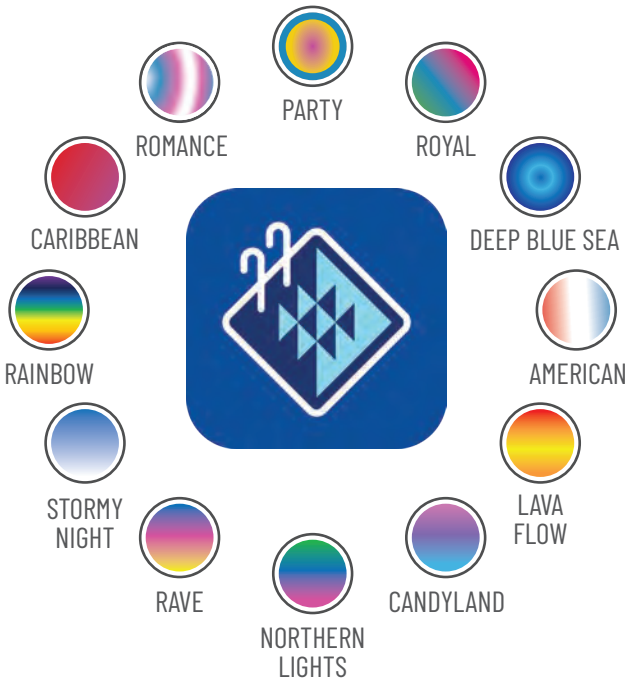
POOL LIGHTING SYSTEM

ITEM #	DESCRIPTION
	ACCESSORIES
602261	REPLACEMENT PLUGS 4X FOR INTELLIVIBE CONTROLLER
602262	MOUNTING BRACKET REPLACEMENT FOR INTELLIVIBE CONTROLLER
602263	REPLACEMENT FUSE, 10A 4X FOR OUTPUT CHANNEL
602264	GASKET KIT FOR INTELLIVIBE HOUSING
602265	HOUSING COVER REPLACEMENT FOR INTELLIVIBE CONTROLLER
602266	HARDWARE REPLACEMENT KIT FOR INTELLIVIBE CONTROLLER
618040	ADAPTER MICROBRITE/MICRO TO GLOBRITE NICHE
620463	O-RING CONDUIT MICROBRITE/MICRO REPLACEMENT
620460	1.5" THREADED ADAPTER FOR MICROBRITE/MICRO REPLACEMENT

ITEM#	DESCRIPTION	FITTING TYPE	DEPTH (mm)	COLOR	POOL TYPE
		ACCESSORIES			
602271	INTELLIVIBE NANO NICHE - GUNITE	NANO NICHE	NA	NA	GUNITE
602272	INTELLIVIBE NANO NICHE - VINYL LINER	NANO NICHE	NA	WHITE	VINYL LINER
602273	INTELLIVIBE NANO NICHE - FIBERGLASS	NANO NICHE	NA	NA	FIBERGLASS
602274	INTELLIVIBE NANO 1.5" FITTING ADAPTER	1.5" RETURN FITTING	NA	NA	ALL
602275	INTELLIVIBE NANO INSTALL TOOL	NANO NICHE	NA	NA	ALL



Pentair Pool App



Color Shows

IMAGINE THE POSSIBILITIES AT WWW.PENTAIR.COM/INTELLIVIBE

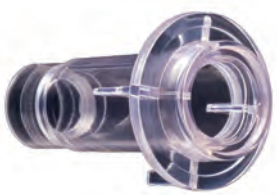
INTELLIVIBE™ (CONT'D)

POOL LIGHTING SYSTEM

ITEM#	DESCRIPTION	FITTING TYPE	DEPTH (MM)	COLOR	POOL TYPE
		ACCESSORIES			
602276	INTELLIVIBE NANO REMOVAL TOOL VINYL LINER	NANO NICHE	NA	NA	NA
619114	INTELLIVIBE NANO NICHE COVER (5-PACK)	NANO (VINYL LINER ONLY)	NA	GRAY	VINYL
619120	INTELLIVIBE NANO NICHE COVER (5-PACK)	NANO (VINYL LINER ONLY)	NA	WHITE	VINYL
619126	INTELLIVIBE NANO NICHE COVER (5-PACK)	NANO (VINYL LINER ONLY)	NA	TAN	VINYL
619132	INTELLIVIBE NANO NICHE COVER (5-PACK)	NANO (VINYL LINER ONLY)	NA	BLACK	VINYL
619138	INTELLIVIBE NANO NICHE COVER (5-PACK)	NANO (VINYL LINER ONLY)	NA	BLUE	VINYL
619110	INTELLIVIBE MEZZO TRIM RING (5-PACK)	1.5" RETURN FITTING	21	GRAY	FIBERGLASS/ GUNITE
619111	INTELLIVIBE MEZZO TRIM RING (5-PACK)	1.5" RETURN FITTING	21	WHITE	FIBERGLASS/ GUNITE
619112	INTELLIVIBE MEZZO TRIM RING (5-PACK)	1.5" RETURN FITTING	21	TAN	FIBERGLASS/ GUNITE
619113	INTELLIVIBE MEZZO TRIM RING (5-PACK)	1.5" RETURN FITTING	21	BLACK	FIBERGLASS/ GUNITE
619115	INTELLIVIBE MEZZO TRIM RING (5-PACK)	1.5" RETURN FITTING	21	BLUE	FIBERGLASS/ GUNITE
619116	INTELLIVIBE MEZZO TRIM RING (5-PACK)	1.5" RETURN FITTING	29	GRAY	VINYL
619117	INTELLIVIBE MEZZO TRIM RING (5-PACK)	1.5" RETURN FITTING	29	WHITE	VINYL
619118	INTELLIVIBE MEZZO TRIM RING (5-PACK)	1.5" RETURN FITTING	29	TAN	VINYL
619119	INTELLIVIBE MEZZO TRIM RING (5-PACK)	1.5" RETURN FITTING	29	BLACK	VINYL
619121	INTELLIVIBE MEZZO TRIM RING (5-PACK)	1.5" RETURN FITTING	29	BLUE	VINYL
619122	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	32	GRAY	VINYL
619123	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	32	WHITE	VINYL
619124	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	32	TAN	VINYL
619125	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	32	BLACK	VINYL
619127	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	32	BLUE	VINYL
619128	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	16	GRAY	GUNITE
619129	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	16	WHITE	GUNITE
619130	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	16	TAN	GUNITE
619131	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	16	BLACK	GUNITE
619133	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	16	BLUE	GUNITE
619134	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	36	GRAY	FIBERGLASS
619135	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	36	WHITE	FIBERGLASS
619136	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	36	TAN	FIBERGLASS
619137	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	36	BLACK	FIBERGLASS
619139	INTELLIVIBE MEZZO TRIM RING FOR GLOBRITE (5-PACK)	GLOBRITE NICHE RETRO-FIT	36	BLUE	FIBERGLASS

IntelliVibe Mezzo White Trim Ring

White IntelliVibe Nano Niche Fiberglass



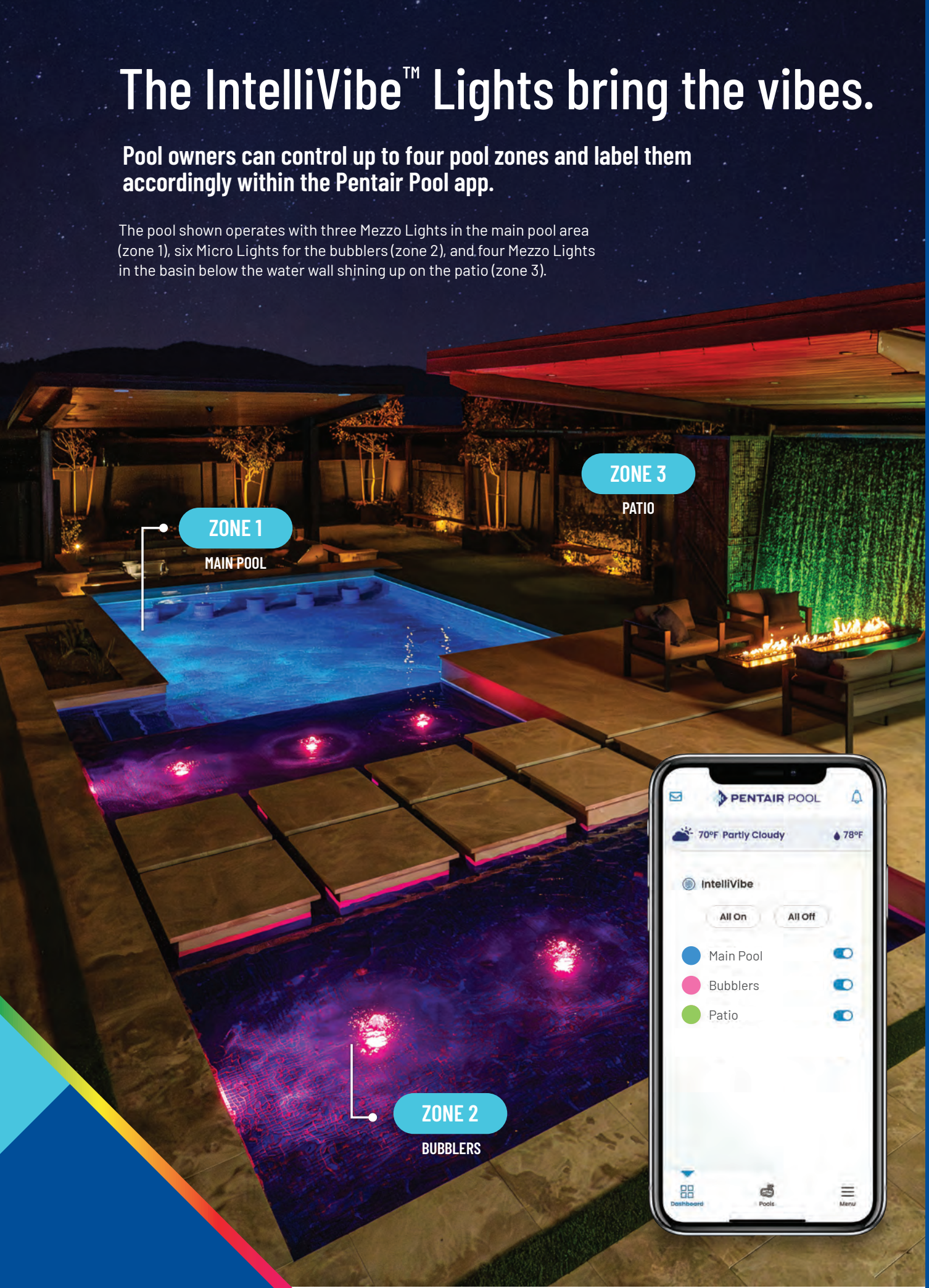
IntelliVibe Nano Niche Gunite (5-pack)

Certifications

The IntelliVibe™ Lights bring the vibes.

Pool owners can control up to four pool zones and label them accordingly within the Pentair Pool app.

The pool shown operates with three Mezzo Lights in the main pool area (zone 1), six Micro Lights for the bubblers (zone 2), and four Mezzo Lights in the basin below the water wall shining up on the patio (zone 3).



INTELLIBRITE®

ARCHITECTURAL SERIES POOL & SPA LIGHTING

TRADEGRADE

IntelliBrite Architectural Series Pool Light

IntelliBrite Architectural Series Spa Light

Our improved patented design illuminates pools for a brighter and more vibrant experience. It's like having a brand new pool to explore.

Featured Highlights

- More light, more energy efficient — now 60% brighter and 50% more energy efficient*
- Spreads light widely and evenly in all directions using a 3D light engine and convex lens
- Provides cleaner white light with no color separation thanks to improved optics
- Color for every mood with five brilliant color lights and seven dynamic color-changing light shows
- High-quality components add durability to the dazzle due to long-lasting construction
- Compatibility with Pentair 10" and 6" niches enables an ideal upgrade from incandescent or first-generation LED lights
- Adds instant ambiance with easy customer pool control through a Pentair automation system, if available, or a Color Sync™ Controller for Pentair Color LED Lights

Ordering Information

Product Number By Cord Length (Feet)							
50'	100'	150'	250'	Size	Model	Voltage	Power
INTELLIBRITE ARCHITECTURAL SERIES POOL & SPA LIGHTING							
602186	602187	602188	602206	Pool	Color	120V	28W
602152	602153	602154	—	Pool	Color	12V	28W
602202	602203	602204	602205	Spa	Color	120V	18W
602198	602199	602200	—	Spa	Color	12V	18W
602182	602183	602184	602207	Pool	White, 300W Equivalent	120V	26W
602144	602145	602146	—	Pool	White, 300W Equivalent	12V	26W
602178	602179	602180	602208	Pool	White, 500W Equivalent	120V	31W
602140	602141	602142	—	Pool	White, 500W Equivalent	12V	31W
602194	602195	602196	602209	Spa	White, 100W Equivalent	120V	18W
618016	618017	618018	—	Spa	White, 100W Equivalent	12V	18W
602190	602191	602192	602221	Pool	Warm White	120V	31W
602148	602149	602150	—	Pool	Warm White	12V	31W
602226	602227	602228	602229	Spa	Warm White	120V	18W
602239	602240	602241	—	Spa	Warm White	12V	18W
—	—	602236	—	Pool	Turtle	12V	31W
—	—	602223	—	Pool	Turtle	120V	31W
—	—	602242	—	Spa	Turtle	12V	18W
—	—	602231	—	Spa	Turtle	120V	18W

*Compared to Pentair IntelliBrite 5G Color LED Pool Light in white color mode only. The IntelliBrite Architectural Series delivers higher lumen output (brightness) and lumen per watt efficiency compared to the IntelliBrite 5G Color LED Pool Light depending on color mode. The brightness increases for each color are as follows: 28% for blue; 60% for white (RGB); 118% for green; 141% for red. Energy efficiency improvements for each color are as follows: 17% for blue; 50% for white (RGB); 58% for green; 19% for red. Testing was conducted and measured in an open-air environment without water present. Actual performance results may vary when the lights are utilized in different settings and water conditions.

Appearance of color and white LED light may vary between various models of lights. Appearance and perception of pool lighting may vary depending on a number of factors including, but not limited to, the particular model of light, the location/depth/angle of the light's installation, pool finish/material, pool depth/shape/geometry, ambient light sources, subjective factors and more. For best results when using multiple lights, use all the same model and do not mix multiple models of lights within a single installation.

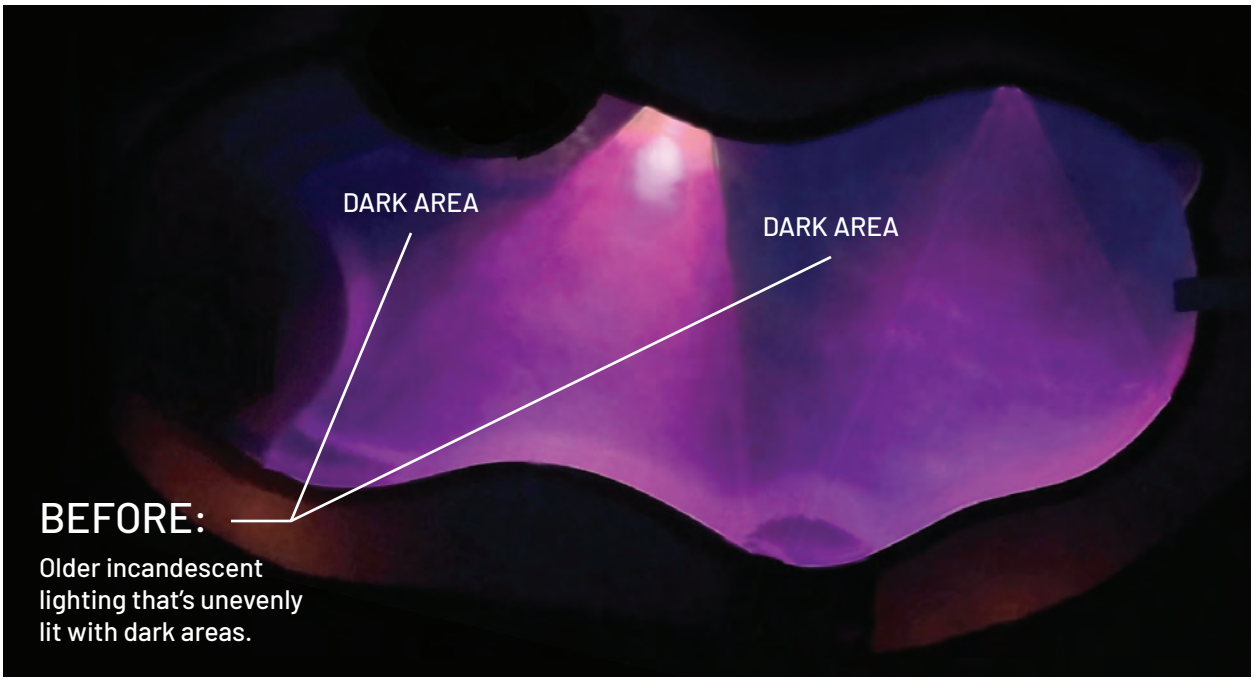
CALIFORNIA PROPOSITION 65 WARNING

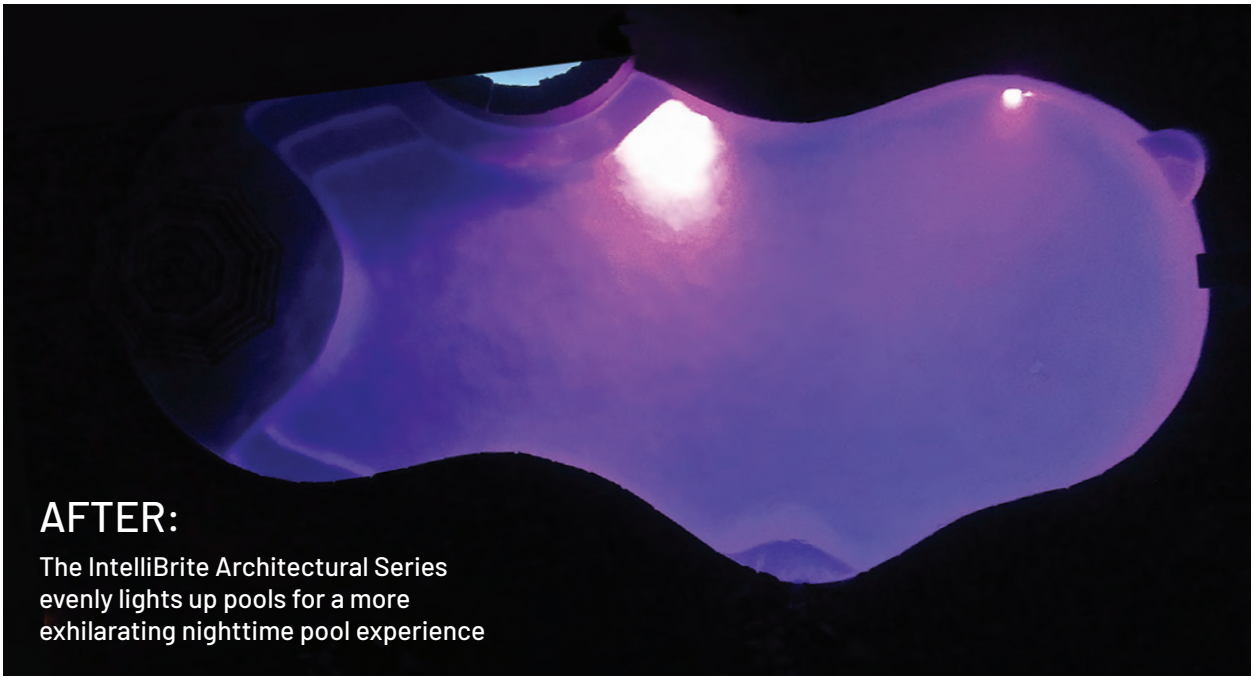
⚠ **WARNING:** Cancer and Reproductive Harm.
⚠ **AVERTISSEMENT:** Peut Causer le Cancer et des Dommages au Système Reproducteur.
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov.

SEE PAGE 403 FOR REPLACEMENT PARTS

INTELLIBRITE® (CONT'D)

ARCHITECTURAL SERIES POOL & SPA LIGHTING





Certifications

SEE PAGE 403 FOR REPLACEMENT PARTS

MICROBRITE®
COLOR AND WHITE LED LIGHT

TRADEGRADE

Give pools a brilliant lighting upgrade without the installation difficulties.

Only 3.5-in. long, MicroBrite lights fit easily into standard 1.5-in. wall fittings and are suitable for retrofit into many pools with older fiber optic systems.

Note: Only MicroBrite White and Warm White lights have three different brightness levels. MicroBrite Color lights have one brightness level.

All Pentair UL Listed underwater lights are certified for use in fresh water with up to 6,000 ppm salinity.

Featured Highlights

- Energy-saving, LED efficiency from one of the industry's most compact 12V LED plastic light
- Only 3.5 inches long, fits into narrow walls and tight spaces, can be installed horizontally or vertically
- No niche required — installs in any standard 1.5 inch pool wall fitting
- Connect to any Pentair control system or the Pentair Color Sync™ Controller
- MicroBrite Color lights feature five fixed colors and seven popular color shows that come preprogrammed into the MicroBrite light.
- MicroBrite White and Warm White lights allow the selection of three brightness levels (100%, 75% and 50%)

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov. P/N 200774.A

Ordering Information

Product	Description	Color	Lights	Cord Length	Voltage	Watts
		MICROBRITE LED LIGHT				
620424	MicroBrite Light	Color LED	One	50'	12V	12W
620425	MicroBrite Light	Color LED	One	100'	12V	12W
620426	MicroBrite Light	Color LED	One	150'	12V	12W
602214	MicroBrite-G Light	Color LED, for installation in Pentair GloBrite Niche or Pentair ColorVision Bubbler	One	100'	12V	12W
602166	MicroBrite-G Light	Color LED, for installation in Pentair GloBrite Niche or Pentair ColorVision Bubbler	One	150'	12V	12W
620428	MicroBrite Light	White LED	One	50'	12V	12W
620429	MicroBrite Light	White LED	One	100'	12V	12W
620430	MicroBrite Light	White LED	One	150'	12V	12W
602213	MicroBrite-G Light	White LED, for installation in Pentair GloBrite Niche or Pentair ColorVision Bubbler	One	100'	12V	12W
602165	MicroBrite-G Light	White LED, for installation in Pentair GloBrite Niche or Pentair ColorVision Bubbler	One	150'	12V	12W
602156	MicroBrite Light	Warm White LED	One	50'	12V	12W
620457	MicroBrite Light	Warm White LED	One	100'	12V	12W
602155	MicroBrite Light	Warm White LED	One	150'	12V	12W
602215	MicroBrite-G Light	Warm White LED. for installation in Pentair GloBrite Niche or Pentair ColorVision Bubbler	One	100'	12V	12W
602167	MicroBrite-G Light	Warm White LED. for installation in Pentair GloBrite Niche or Pentair ColorVision Bubbler	One	150'	12V	12W
602157	MicroBrite Light	Turtle Edition*	One	150'	12V	12W
618040	Adapter for MicroBrite to GloBrite	Adapter allows a MicroBrite light to be installed into a Pentair GloBrite Niche or Pentair ColorVision Bubbler				

*620nm red/orange light, for special oceanfront pool applications in certain areas with regulations intended to protect sea turtles.

Note: Appearance of color and white LED light may vary between various models of lights. Appearance and perception of pool lighting may vary depending on a number of factors including, but not limited to, the particular model of light, the location/depth/angle of the light's installation, pool finish/material, pool depth/shape/geometry, ambient light sources, subjective factors and more. For best results when using multiple lights, use all the same model and do not mix multiple models of lights within a single installation.

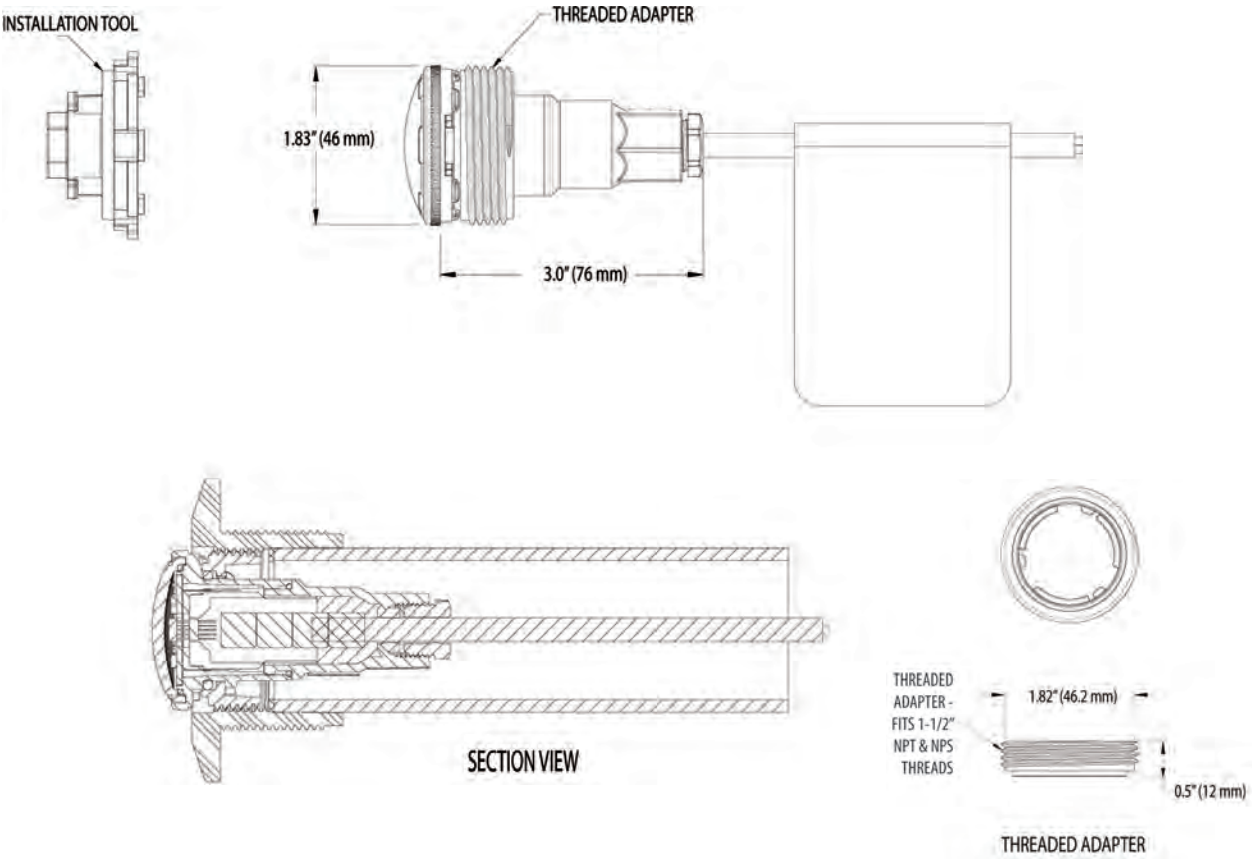
SEE PAGE 403 FOR REPLACEMENT PARTS

MICROBRITE® (CONT'D)
COLOR AND WHITE LED LIGHT

Product	Description
	REPLACEMENT KITS
620460	MicroBrite Light Adaptor, Replacement
602158Z	Installation Tool, Replacement (Hand/Grip Style)
620463	Conduit Seal O-Ring, Replacement
618040	Adapter for MicroBrite to GloBrite Niche

Product	Voltage	Wattage
	TRANSFORMERS (LANDSCAPE POOL RATED)	
619962	120V Input, 12-14V Output	100W
619963	120V Input, 12-14V Output	300W

Dimensions and Certifications



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www.p65warnings.ca.gov.

SEE PAGE 403 FOR REPLACEMENT PARTS

GLOBRITE® WHITE AND COLOR LED LIGHTS

UNDERWATER LED LIGHTS FOR SWIMMING POOLS AND SPAS

TRADEGRADE

GloBrite LED Light
Fiberglass Niche

GloBrite LED Light
Vinyl Niche

GloBrite LED Light
Gunite/Concrete Niche

Featured Highlights

- Energy-efficient, high quality pool lighting
- Can be placed in as little as 4 in. of water, even in the floor pointing up
- Does not require grounding or bonding for quick and easy installations
- Five brilliant fixed colors and seven pre-programmed light shows
- Controlled with Color Sync™ Controller or Pentair automation systems
- Compatible with gunite/concrete, fiberglass and vinyl pools

GloBrite LED lighting is a brilliant way to showcase pools and highlight pool features like sun shelves, steps, beach entries, and bubblers.

Note: GloBrite White lights have three different brightness levels. GloBrite Color lights have one brightness level.

CALIFORNIA PROPOSITION 65 WARNING

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www.p65warnings.ca.gov. P/N 20174.A

Ordering Information

Product	Voltage	Wattage	Cord Length (Ft.)	Carton Qty.	Carton Wt. (Lbs.)
GLOBRITE COLOR LED LIGHTS					
602054	12	15W	50	1	6
602055	12	15W	100	1	9
602056	12	15W	150	1	12

Product	Voltage	Wattage	Cord Length (Ft.)	Carton Qty.	Carton Wt. (Lbs.)
GLOBRITE WHITE LED LIGHTS					
602103	12	15W	50	1	6
602104	12	15W	100	1	9
602105	12	15W	150	1	12

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
GLOBRITE NICHES			
620040	Gunite/Concrete Niche for GloBrite (includes white, blue, black, gray and tan rings)	1	1.3
620039	Vinyl Niche for GloBrite (includes white, blue, and gray rings)	1	1.3
620041	Fiberglass Niche for GloBrite (white)	1	1.3
620093	Fiberglass Niche for GloBrite (blue)	1	1.3
620094	Fiberglass Niche for GloBrite (gray)	1	1.3

NOTE: Appearance of color and white LED light may vary between various models of lights. Appearance and perception of pool lighting may vary depending on a number of factors including, but not limited to, the particular model of light, the location/depth/angle of the light's installation, pool finish/material, pool depth/shape/geometry, ambient light sources, subjective factors and more. For best results when using multiple lights, use all the same model and do not mix multiple models of lights within a single installation.

SEE PAGE 403 FOR REPLACEMENT PARTS

GLOBRITE® WHITE AND COLOR LED LIGHTS (CONT'D)

UNDERWATER LED LIGHTS FOR SWIMMING POOLS AND SPAS

Ordering Information

Product	Description		Carton Qty.	Carton Wt. (Lbs.)
	TRANSFORMERS (LANDSCAPE AND POOL RATED)			
619962	120V Input, 12-14V Output	100W	1	12
619963	120V Input, 12-14V Output	300W	1	12
	ACCESSORIES			
620314	GloBrite LED Light Glare Shield			
602136	Replacement Face Ring Kit for GloBrite Vinyl Liner Niche, Blue*			
602137	Replacement Face Ring Kit for GloBrite Vinyl Liner Niche, Gray*			
602138	Replacement Face Ring Kit for GloBrite Vinyl Liner Niche, White*			

* Includes three (3) faceplates in specified color, three (3) gaskets, twelve (12) screws.
Each kit can fully equip three (3) GloBrite lights with new faceplates, gaskets and screws.

All Pentair UL Listed underwater lights are certified for use in fresh water with up to 6,000 ppm salinity.

Certifications

CALIFORNIA PROPOSITION 65 WARNING

WARNING: Cancer and Reproductive Harm.
AVERTISSEMENT: Peut Causer le Cancer et des Dommages au Système Reproducteur.
ADVERTENCIA: Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov. P/N 350174 A

SEE PAGE 403 FOR REPLACEMENT PARTS

COLOR SYNC™ CONTROLLER

FOR LEGACY PENTAIR COLOR LED POOL LIGHTS

With the Color Sync Controller, your customers can quickly, easily, and remotely turn their backyard oasis into a true extension of their home. Convenient control through the Pentair Pool app puts them in the driver's seat to automate a vibrant pool experience that matches their mood.

Featured Highlights

- Universally compatible with all Pentair Color LED lights except the IntelliVibe Pool Lighting System (requires its own controller)
- Convenient control with the Pentair Pool app
- Create dazzling light shows from seven existing themes and five colors
- Easily save favorite color settings for future use
- Set automated schedules through the app
- Weatherproof design for outdoor installation
- GPS enabled to automatically turn on at twilight
- Weekday vs. weekend options, with multiple runtime options

Compatible with legacy Pentair lights for pools that don't have automation systems. Compatible lights include MicroBrite® Color LED Lights, GloBrite® Color Changing LED Lights, IntelliBrite® 5G Color LED Pool Light, IntelliBrite Architectural Series Color Pool Light, ColorVision® LED Bubbler, and MagicStream® Laminars.

NOTE: Appearance of color and white LED light may vary between various models of lights. Appearance and perception of pool lighting may vary depending on a number of factors including, but not limited to, the particular model of light, the location/depth/angle of the light's installation, pool finish/material, pool depth/shape/geometry, ambient light sources, subjective factors and more. For best results when using multiple lights, use all the same model and do not mix multiple models of lights within a single installation.

Ordering Information

Product	Descriptor
COLOR SYNC™ CONTROLLER	
618031	Color Sync Controller

Certifications

UL CERTIFIED SAFETY US-CA E41117

CALIFORNIA PROPOSITION 65 WARNING

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www.p65warnings.ca.gov.

SEE PAGE 403 FOR REPLACEMENT PARTS

AMERLITE®

UNDERWATER INCANDESCENT LIGHTS WITH S/S FACE RINGS

Featured Highlights

- A standard of reliability
- Stainless steel face ring with uni-tension clamp
- Prismatic tempered lens
- Low water cutoff

TRADEGRADE

Amerlite Incandescent Light

Amerlite light, a standard of reliability for underwater lights, features a stainless steel shell, 8-3/8 in. prismatic tempered glass lens, and stainless steel face ring with uni-tension clamp. Amerlite lights are UL listed to install in full-sized Pentair Pool Products, American, PacFab, and Purex niches.

All Pentair UL Listed underwater lights are certified for use in fresh water with up to 6,000 ppm salinity.

Ordering Information

Product	Voltage	Wattage	Cord Length (Ft.)	Carton Qty.	Carton Wt. (Lbs.)
AMERLITE WITH STAINLESS STEEL FACE RING – 400 WATT, 120 VOLT					
78448100	120	400	50'	1	10
78447100	120	400	150'	1	20
AMERLITE WITH STAINLESS STEEL FACE RING – 500 WATT, 120 VOLT					
78458100	120	500	50'	1	10
78456300	120	500	100'	1	15
78457100	120	500	150'	1	20

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www.p65warnings.ca.gov. P/N 20074 A

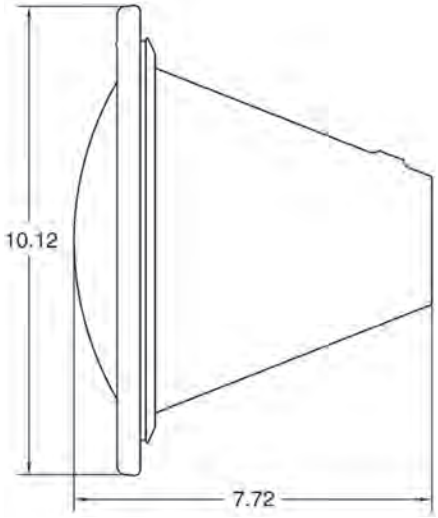
SEE PAGE 403 FOR REPLACEMENT PARTS

AMERLITE® (CONT'D)

UNDERWATER INCANDESCENT LIGHTS WITH S/S FACE RINGS

Product	Voltage	Wattage	Cord Length (Ft.)	Carton Qty.	Carton Wt. (Lbs.)
LENS, COVERS, AND FACE RINGS FOR AMERLITE					
79100100	Clear Lens, tempered			1	1
79110600	Stainless Steel Face Ring			1	1/2

Dimensions and Certifications



Note: All 120 volt pool and spa lights must be connected to a branch circuit protected by a ground fault circuit interrupter (GFCI).

Note: All cord lengths over 50 feet on 12 volt lights create resistance that dramatically reduces the light output. This condition exists on all low voltage lights regardless of design or manufacturer.

Notice: Underwriters Laboratories has listed Pentair Water Pool and Spa, Inc. lights for use with Pentair Water Pool and Spa, Pentair Pool Products, American Products, Purex, or PacFab niches ONLY. To ensure proper grounding/bonding connections install only Pentair Water Pool and Spa lights in Pentair, Water Pool and Spa, Pentair Pool Products, American Products, Purex, or PacFab niches only.

Note: **Amerlite** Incandescent Lights can be utilized to replace: **Sta-Rite:** SunSaver, SunGlow. **Purex-Triton:** Hatteras. **PacFab:** AmerQuartz, Spectrum Amerlite (SAM). To ensure proper grounding of replacement lights, please see the notice directly above.

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SEE PAGE 403 FOR REPLACEMENT PARTS

PENTAIR LARGE STAINLESS STEEL NICHES

NICHES FOR SWIMMING POOLS AND SPAS

Featured Highlights

- Niches for all installations
- Stainless steel housing
- Brass hub: 3/4 or 1 in.
- Internal/external bonding lugs
- Vinyl niches with chrome/brass sealing rings
- Sandwich gasket for vinyl
- Powder coated sealing ring (optional)

Pentair Large Niches

Large stainless steel niches are formed with brass fittings. All niches have internal and external grounding lugs for use with either metal or PVC conduit.

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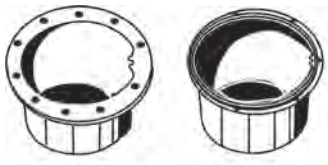
Ordering Information

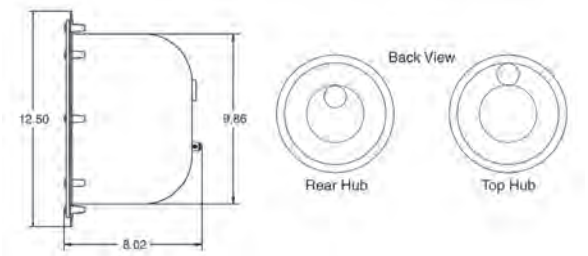
Product	Description	Carton Qty.	Carton Wt. (Lbs.)
LARGE STAINLESS STEEL NICHES FOR CONCRETE INSTALLATION			
78210400	3/4 in. top hub	1	3
78210700	3/4 in. rear hub	1	3
78210500	1 in. top hub	1	3
78210600	1 in. rear hub	1	3
VINYL AND FIBERGLASS INSTALLATION,STANDARD 10 HOLE PATTERN			
78232400	Fiberglass/liner, 3/4 in. rear hub	1	5
78232500	Fiberglass/liner, 1 in. rear hub	1	5
LARGE STAINLESS STEEL NICHE, CONCRETE SHIELD			
45361000	Niche Shield for construction	1	0.325
79211600Z	Replacement/Repair Niche plaster ring	1	5
LARGE STAINLESS STEEL NICHE - CANADIAN LIGHTS			
78210701	For Concrete Installation - 3/4 in. rear hub	1	0.25
78232401	For Vinyl and Fiberglass Installation - 3/4 in. rear hub	1	0.25
POWDER COATED SEALING RINGS, VINYL/FIBERGLASS			
79200255	Sealing ring, large niche (white)	1	0.01
SEALANT FOR NICHE BONDING LUGS			
60028300	Listed potting compound	1	0.0375



Standard 10 Hole Pattern

Gunite Hole Pattern

Dimensions and Certifications



Notice: Underwriters Laboratories has listed Pentair Water Pool and Spa, Inc. lights for use with Pentair Water Pool and Spa, Pentair Pool Products, American Products, Purex, or PacFab niches ONLY. To ensure proper grounding/bonding connections install only Pentair Water Pool and Spa lights in Pentair, Water Pool and Spa, Pentair Pool Products, American Products, Purex or PacFab niches only.

SEE PAGE 403 FOR REPLACEMENT PARTS

PENTAIR SMALL STAINLESS STEEL NICHES

NICHES FOR SWIMMING POOLS AND SPAS

Pentair Small Niches

Small stainless steel niches are formed with brass fittings. All niches have internal and external bonding lugs and can be used with either metal or PVC conduit.

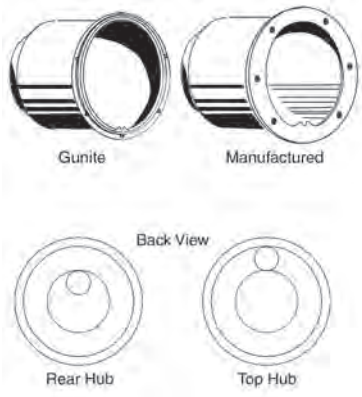
Featured Highlights

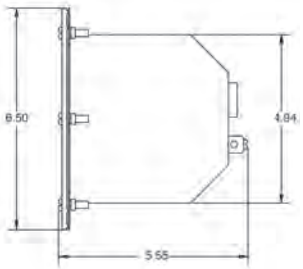
- Stainless steel housing
- Brass hub: 3/4 or 1 in.
- Internal/external bonding lugs
- Vinyl niches with chrome/brass sealing rings
- Niches for all installations
- Sandwich gasket for vinyl

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
	SMALL STAINLESS STEEL NICHES FOR CONCRETE INSTALLATION		
78243200	Concrete pools or spas, 3/4 in. top hub	1	2
78244200	Concrete pools or spas, 3/4 in. rear hub	1	2
78243300	Concrete pools or spas, 1 in. top hub	1	2
78244300	Concrete pools or spas, 1 in. rear hub	1	2
	MANUFACTURED POOLS, SPAS & TUBS INSTALLATION		
78242200	Manufactured pools, spas & tubs, 3/4 in. rear hub	1	3
78242300	Manufactured pools, spas & tubs, 1 in. rear hub	1	3
	SMALL STAINLESS STEEL NICHE SHIELD		
45361500	Niche shield for SpaBrite/AquaLight Niche	1	0.25
	VINYL/FIBERGLASS NICHE SEALING RING, POWDER-COATED		
79206055	Sealing ring, small niche	1	0.01
	SEALANT FOR NICHE BONDING LUGS		
60028300	Listed potting compound	1	0.325
	SMALL STAINLESS STEEL NICHES - CANADIAN LIGHTS		
78241202	For manufactured pools, spas & tubs, 3/4” top hub - Canadian Lights	12	2
78242202	For manufactured pools, spas & tubs, 3/4” rear hub - Canadian Lights	12	2
78244202	For Concrete Installation - 3/4 in. rear hub - Canadian Lights	12	3

Dimensions and Certifications





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SEE PAGE 403 FOR REPLACEMENT PARTS

PLASTIC NICHES

PLASTIC NICHES FOR SWIMMING POOLS AND SPAS

Featured Highlights

Gunite Plastic Niches:

- Innovative cord seal grommet (Accessory sold separately)
- Large and small models
- Rebar tie-backs
- Plaster ring for secure sealing
- Internal/external bonding lugs
- High strength PVC construction
- Rear one inch PVC hub
- Includes 45° and 3/4 in. reducer bushings
- Includes gunite/plaster shield

QuickNiche:

- Revolutionary design mounts and seals like a vinyl inlet fitting
- No screws directly through the pool wall as with conventional vinyl niches
- Designed for quick and easy, one-person installation
- Rubber gasket overmolded on seal ring for reliable sealing
- Built-in current-collecting ring for maximum safety
- Zero wall panel exposure
- Fits standard niche panel
- UL listed

Gunite Plastic Niches – These plastic concrete niches are molded of high strength, corrosion resistant PVC with a one inch PVC hub. Both 45O and 3/4 in. reducer bushings are included. Gunite models feature rebar tie-backs and a plaster ring for clean, simple installations and all are packed with a gunite/plaster shield.

QuickNiche™ Vinyl Liner Niche – One look at the QuickNiche is all it takes to see that this is a product that really lives up to its name. It is an easy-to-install, super-sealing light niche for vinyl liner pools. It features a revolutionary lock-ring design that mounts and seals like a vinyl inlet fitting fast, secure, and totally leak proof.

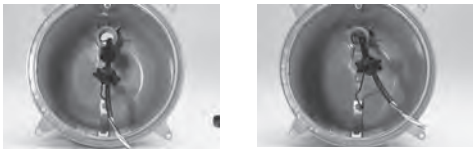
Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
PLASTIC NICHE - CONCRETE			
79206600	Small PVC niche, concrete [1]	1	2
79206700	Large PVC niche, concrete [1]	1	3
PLASTIC NICHE - VINYL			
620004	QuickNiche [1, 2]	1	1
630044Z	QuickNiche gray seal ring	1	1
ACCESSORIES			
670044	Cord Seal Grommet Kit	3	1

[1] Plastic niches are only listed for use with 12V lights in Canada.

[2] Cord seal grommet not available for Quick Niche.

Dimensions and Certifications



Innovative cord seal grommet accessory
(p/n 670044Z)

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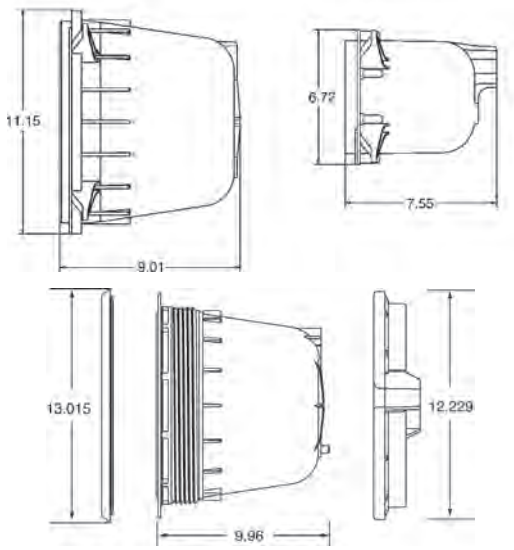

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SEE PAGE 403 FOR REPLACEMENT PARTS

JUNCTION BOXES

ADD-ON FEATURES AND ACCESSORIES FOR ALL PENTAIR LIGHTS

Our optional light and niche features are designed to enhance our standard products and accommodate your specific project requirements.

Featured Highlights

Junction Boxes

- Available in 3 sizes: 1/2, 3/4 & 1 in.
- Polycarbonate cover with brass base
- Built-in strain relief
- UL listed

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
VINYL NICHE SEALING RING, WHITE POWDER-COATED			
79200255	Sealing ring, large niche	1	0.01
79206055	Sealing ring, small niche	1	0.01
JUNCTION BOX BRASS BASE W/ POLYCARBONATE COVER [1]			
78310500	(3) - 1/2 in. ports	1	1
78310600	(3) - 3/4 in. ports	1	1
78310700	3/4 in. x 1 in. x 3/4 in. ports	1	1

[1] UL Listed.

Certifications

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MAINTENANCE & SAFETY EQUIPMENT

Updated June 2025

NOTES:

BRUSHES AND SCRUBBERS

POOL, SPA, DECK, AND TILE BRUSHES

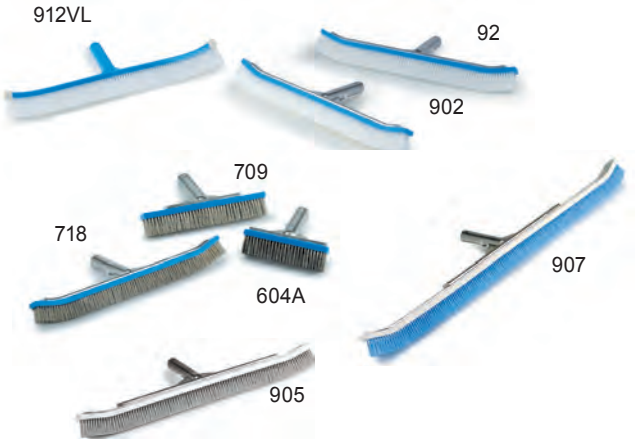
Featured Highlights

Curved Brushes

- UV stabilized polypropylene or nylon bristles
- Snap-adapt handle fits most poles
- Aluminum Back Brushes with strong die cast aluminum back
- Molded Brushes with heavy-duty one piece molded construction
- Model 907 has a 50/50 blend of stainless and nylon bristles. Recommended for new pool start-up brushing or mild algae cleaning

Stainless Steel Algae Brushes

- All algae brushes feature quality stainless steel bristles
- Perfect for removing tough algae on plaster surfaces
- Snap-adapt handle fits most poles



Pool, Spa, Deck, and Tile Brushes

Ordering Information

Product	Model	Description	Carton Qty.	Carton Wt. (Lbs.)
CURVED BRUSHES				
R111046	92	18 in. Aluminum Back White nylon	12	13
R111316	902	18 in. Aluminum Back White polypropylene	12	12
R111358	907 [1]	18 in. Aluminum Back Blended, stainless & nylon	12	13
R111342	905	24 in. Aluminum Back Blue nylon	12	19
R111366	912	18 in. Molded Back White polypropylene	12	10
R111386	912VL	18 in. Molded Back White nylon, end caps for vinyl liner pools	12	10
ALGAE BRUSH – (NOT FOR VINYL LINER POOLS)				
R111616	604A	6 in. Aluminum Back, Stainless Steel for plaster, Concrete, Gunite	12	6
R111626	709	9 in., Aluminum Back Stainless Steel for plaster, Concrete, Gunite	12	9
R111646	718	18 in., Aluminum Back Stainless Steel for plaster, Concrete, Gunite	12	15

[1] Not for use on vinyl liner pools.

Note: All items with snap-adapt handle include a high performance Acetal Resin Spring and will snap into all standard poles or can be bolted on, if preferred, simply by removing the Acetal Resin Spring.

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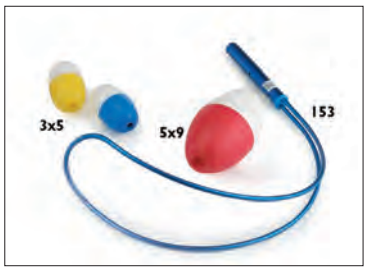
SEE PAGE 419 FOR REPLACEMENT PARTS

FLOATS, FLOAT ROPE, AND SAFETY HOOK



Floats, Float Rope, and Safety Hook

Float Keepers

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Featured Highlights

Floats & Safety Equipment

- Unsinkable, durable, polyethylene floats are available in a variety of sizes

Safety Float Lines

- Include 3/8 in. poly rope, 3 in. x 5 in. floats, solid chrome brass rope hook, 1 fid and locking device

Ordering Information

Product	Model	Description	Carton Qty.	Carton Wt. (Lbs.)
		SAFETY POOL HOOK		
R221026	153	Fits any standard straight pole (do not attach to telescopic poles), nut. Mounting Hardware set not included. See item R221030	12	14
R221030	153	Hardware set for Pool Hook	1	
		FLOATS		
R181016	350	Blue and white, 3 in. x 5 in. Oval Float, Fits 1/2 in Rope	50	12
R181086	590	Blue and white, 5 in. x 9 in. Oval Float, Fits 3/4 in. Rope	24	11
		FLOAT KEEPERS & ROPE HOOKS		
R181436	71	Secures No. 590 to 3/4 in. rope, two pieces and two screws, one set holds one float in place	1	
R181486	74	Secures No. 590 to 3/4 in. rope, four pieces and two screws, one set holds one float in place	1	
		SAFETY FLOAT LINES		
R181206	3520	20 ft. Pool Dimension, 9 floats	6	15
R181216	3518	18 ft. Pool Dimension, 7 floats	6	14
R181226	3516	16 ft. Pool Dimension, 5 floats	6	12

SEE PAGE 419 FOR REPLACEMENT PARTS

FLOATING CHEMICAL DISPENSERS

Featured Highlights

For use with Bromine or slow dissolving Trichlor tablets

330 Floating Chemical Dispenser

- Linear polyethylene construction and foam filled for added buoyancy. Has twist lock cap and adjustable control ring. Holds six 3 in. or 3 lbs. of 1 in. tablets

Floating Accessory Leash

- Prevents floating items from hanging up or drifting away. Has 36 in. cord and molded anchor plate with pressure sensitive pad that adheres to most surfaces

Floating Chemical Dispensers

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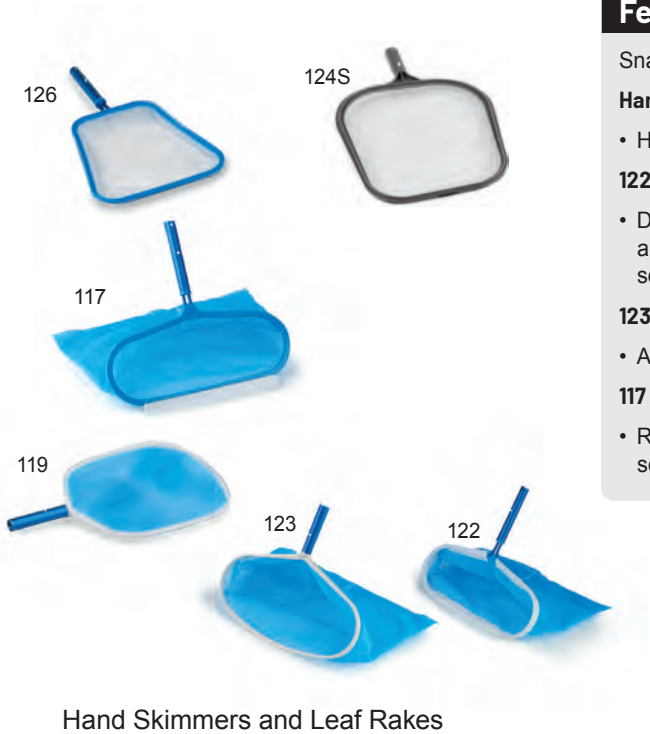
Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
	330 FLOATING CHEMICAL DISPENSER		
R171086	Blue and white Floating Chemical Dispenser	12	13
	ACCESSORIES		
R18855	Optional protective screen	1	
R221270	Floating Accessory Leash	24	

SEE PAGE 419 FOR REPLACEMENT PARTS

HAND SKIMMERS AND LEAF RAKES



Hand Skimmers and Leaf Rakes

Featured Highlights

Snap-adapt handles allow for use with most poles

Hand Skimmers

- Heavy-duty reversible nets stand up to tough wear

122 Leaf Rake

- Designed to easily remove leaves and debris. Screen and frame completely covered with squeegee for scraping fine, loose debris on pool bottom

123 Econo Leaf Rake

- ABS molded frame with aluminum reinforcement

117 Pro Leaf Rake

- Replaceable snap-on frame and net fits on 3/8 in solid anodized aluminum rod

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Ordering Information

Product	Model	Description	Carton Qty.	Carton Wt. (Lbs.)
		HAND SKIMMERS		
R121026	119	Molded Frame Skimmer reinforced with aluminum and aluminum handle	12	8
R121166	124S	Spa/Aboveground Skimmer, screen molded into frame, with magnet	12	7
R121196	126	Professional Grade Heavy-duty Skimmer, 3/8 in. solid aluminum rod, Deep net molded into ABS snap-on replacement frame	12	13
		LEAF RAKES		
R121106	122	Leaf rake, 3/8 in. aluminum rod with attached handle and heavy-duty fiberglass screen	12	18
R121126	123	Econo leaf rake, ABS molded frame reinforced with aluminum, frame has raised lip for scraping bottom	12	10
R121230	117	Pro leaf rake, replaceable frame and net snaps onto 3/8 in. solid aluminum rod, replaceable squeegee strip	12	18

SEE PAGE 419 FOR REPLACEMENT PARTS

LEAF TRAPS / LEAF EATERS

Featured Highlights

Leaf Traps

- Specially designed to be used with automatic suction-side pool cleaners or vacuum heads. Pentair Leaf Traps capture large amounts of leaves, twigs, rocks, hair pins, and other debris before it reaches the skimmer or pump basket. Most models include 3 ft. of flexible vacuum hose.

186 'Snap Open' Leaf Trap

- Features snap open and close lid, clear housing and large handle for ease of carrying. Available in 1-1/2 in. and 2 in. models. Traps debris in polyester bag. 25 sq. ft. cartridge (with special plug) for 100% filtration of fine dust, silt, or small debris is also available.

360476 2.2 L Leaf Trap

- Fast and easy debris removal. Quick snap canister is a cinch to empty and clean. One male and one female hose attachment, no need for adapters.

185 Leaf Eater Cleaner

- Venturi action top skimmer or bottom cleaner. Works with a garden hose and standard telepole or automatic pool cleaner hose. Collector bag slips on and off easily. Comes with brushes for vinyl liner pools and wheels for ease of turning on hard bottomed pools.

R172653 186A/B
Snap Open Leaf Traps

360476

185

186

Ordering Information

Product	Model	Description	Carton Qty.	Carton Wt. (Lbs.)
		LEAF TRAPS		
R211084	186A	5.0 Liter Capacity, 1-1/2 in., bag, 3 ft. 1-1/2 in. hose	6	33
R211256		Replacement hose	1	
R172653	186	25 sq. ft. cartridge w/ plug	1	
R211516		Standard mesh bag No. 186, No. 179C	1	
R211518		Sand/silt bag No. 186, No. 179C	1	
360476		2.2 Liter Capacity, 1-1/2 in., no hose	1	2
		LEAF EATERS		
R211036	185	Wheels and brushes, mesh bag, display box	3	12
R211046	185B	Wheels and brushes, mesh bag, bulk, no display	6	17
R211286	185	No. 185-03 Sand/silt bag		
R211426	185	No. 185 Replacement bag, mesh	1	
R211436	185	No. 185 Wheels assembly, 3 per bubble pack	1	
		HIGH CAPACITY LEAF EATER BAGS WITH EASY SLIDE ON/OFF CLOSURE		
R211432		Bag, 3 ft. long	1	

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SEE PAGE 419 FOR REPLACEMENT PARTS

REPLACEMENT BASKETS

Featured Highlights

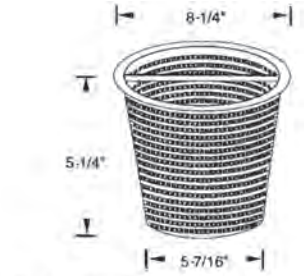
Replacement Baskets for Skimmers and Pumps

- These quality replacements are injection molded of materials required for optimum performance
- Designed to fit the most popular skimmer wells and pump pots

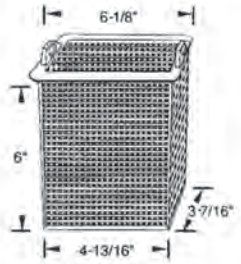
Ordering Information

Product	Description	Carton Qty.
	REPLACEMENT SKIMMMER AND PUMP BASKETS	
R38008	Hayward® SP 1070, Pentair Bermuda 516112Z, SwimQuip U3, Jacuzzi® 4138, Aladdin B-9	1
R38013AZ	(Basket Only) Pentair 850001-S-10, Aladdin B-37	1
R38013B	(Float Only) Pentair 850012-S-10, Aladdin B-38	1
R38016	Hayward SP-1600M, Aladdin B-167	1

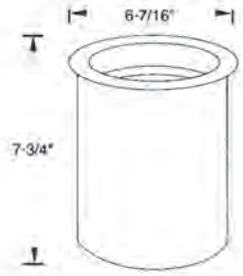
Hayward® is a registered trademark of Hayward Industries, Inc. and Jacuzzi® is a registered trademark of Jacuzzi, Inc.



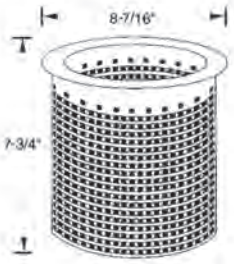
HAYWARD SP1070 R38008
PENTAIR BERMUDA 516112Z
SWIMQUIP U3
ALADDIN B-9



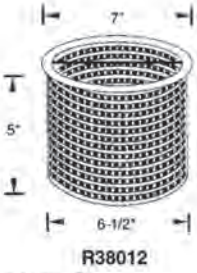
R38016
HAYWARD SP 1600 M
ALADDIN B-167



R38013 B (Float Only)
PENTAIR 850012-S-10
ALADDIN B-38



R38013AZ (Basket Only)
PENTAIR 850001-S-10
ALADDIN B-37



R38012
HAYWARD SP 1082
VACMATE 211112
ALADDIN B-152

CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
⚠ **AVERTISSEMENT:** Peut Causer le Cancer et des Dommages au Système Reproducteur.
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov. P/N 200174.A

SEE PAGE 419 FOR REPLACEMENT PARTS

MAINTENANCE KITS

Featured Highlights

Maintenance Kits

- Each kit is packaged in an attractive box with a handle.

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www.p65warnings.ca.gov. P/N 207174.A

Ordering Information

Product	VL/Gunite	Brush	Vacuum	Thermometer	Test Kit	Leaf Net/Leaf Rake	Pole/Hose Hanger	Discharge Hose	Qty.
SWIMMING POOL MAINTENANCE KITS									
R131066 [1]	VL	902	194	127	752	126			3
R131076 [1]	VL	912VL	193	127	752	124S			3
R131106 [1]		902		127	754 For Canada	126	145/165		3
R131360 [2]	Gunite	902	188	127	78HR	119			1
R131448 [1]	Gunite	903 Alt.	203	Yes - Jumbo	5-Way Strips	124S			3

[1] Pentair kraft box style.

[2] Corrugated box style.

.

SEE PAGE 419 FOR REPLACEMENT PARTS

POLES

R07023

Featured Highlights

- **Telescopic Poles** are constructed of high quality drawn aluminum tubing. The 1-1/8 in. OD inside tube is clear anodized and the 1-1/4 in. OD outer tube is bright blue anodized. Each has a bicycle type vinyl hand grip and packed in a protective poly sleeve.
- **Fiberglass Poles** with E-Z Lock compression lock are manufactured to withstand abuse. Required for service pros in areas where protection from electrical shock is mandatory. UV protective coating helps prevent splintering with age.

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Ordering Information

Product	Model	Description	Carton Qty.	Carton Wt. (Lbs.)
		POLES		
R191106	820-12	1 piece Straight clear anodized pole -12 ft. w/ pole cap	12	28
R191116	820-16	1 piece Straight clear anodized pole -16 ft. w/ pole cap	12	37
R500070	406-16	2 piece telescopic “ribbed” pole - E-Z lock Cam - 8 ft.–16 ft.	12	28
R191306	806-16	2 piece telescopic pole - E-Z lock Cam - 8 ft. to 15-1/2 ft., blue	12	35
R191046	812-16	2 piece telescopic pole - Metal Cam - 8 ft. to 15-1/2 ft.	12	36
R191088	806-24	Commercial Aluminum Pole - 12 ft. to 23-1/2 ft. E-Z Lock	12	52
R191090	812-24	Commercial Aluminum Pole - 12 ft. to 23-1/2 ft. Metal cam	12	52
R191092	808-16	Commercial Fiberglass Pole - 8 ft. to 16 ft.	6	25
R191095	818-12	Commercial Fiberglass Pole - Straight 12 ft. w/ pole cap	6	21
R191104	818-16	Commercial Fiberglass Pole - Straight 16 ft. w/ pole cap	3	38
R191380		3 piece telescopic pole - E-Z Lock device - 12 ft.–36 ft., aluminum	6	35

SEE PAGE 419 FOR REPLACEMENT PARTS

POLE ACCESSORIES

Featured Highlights

- **Algae-Gon Chlorine Tablet Holder** securely holds a standard tablet at the end of any pole to deliver direct surface application of chlorine to reduce dark algae and other surface stains. Snap-adapt handle attaches to most poles.

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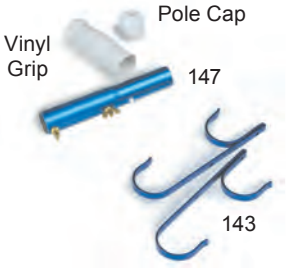
Algae-Gon Tablet Holder

Cams



Pole Accessories

Ordering Information

Product	Model	Description	Carton Qty.	Carton Wt. (Lbs.)
		POLE ACCESSORIES		
R07023		Replacement tip tool adapter for fiberglass poles	12	
R22007	900	Pole cap 1-1/4 in. poles	12	
R22025		White vinyl hand grip, 1 in.	12	
R22054		White vinyl hand grip, 1-1/8 in.	12	
R221042	143	Metal pole hangers, screws included, 1 set per bubble pack card	24	7
542068		Algae-Gon chlorine tablet holder, snap-adapt handle attaches to telescopic pole	24	
R221126	147	Pool pole adapters, 3 pieces per set with 6 brass, 1/4 in. x 1-3/4 in. bolts and wing nuts, bubble pack	24	15
R221156	155	Brass bolt and wing nut	12	
R221166	155	Brass bolt and wing nut, 6 sets per bubble pack	12	
R191216	801	No. 801 Cam, bubble pack	12	
R191256	803	Metal cam die cast aluminum with white ABS sleeve, unassembled with 1/4-28 x 1 in. SS hex bolt, cam fits 1-1/8 in. OD drawn tubes, sleeve fits 1-1/4 in. OD, bubble pack	12	
R191296	806	E-Z Lock cam for aluminum poles, unassembled complete with glue and instructions, bubble pack	12	
R191302	807	E-Z Lock cam for fiberglass poles, unassembled complete with glue and instructions, bubble pack	12	

SEE PAGE 419 FOR REPLACEMENT PARTS

POOL & SPA SIGNS

Featured Highlights

Pool & Spa Signs

- Commercial quality pool and spa signs are constructed of weather-resistant, high-impact plastic and finished with brass grommets for easy, secure hanging.

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Ordering Information

Product	Description	Size	Ctn Qty.
	POOL & SPA SIGNS		
R230200	Pool Rules (Calif.)	18 in. x 24 in.	6
R230300	Spa Rules	18 in. x 24 in.	6
R230400	Pool Rules	18 in. x 24 in.	6
R230500	No Lifeguard On Duty. (4 in. letters)	24 in. x 18 in.	6
R235100	No Lifeguard On Duty. (4 in. letters - Texas)	24 in. x 24 in	6
200186	No Lifeguard On Duty. (4 in. letters - Georgia)	24 in. x 36 in.	6
R230800	Public Pool Use Notice	18 in. x 24 in.	6
R230900	Pool Capacity	18 in. x 12 in.	6
R231100	C.P.R.	24 in. x 18 in.	6
R231200	No Diving Allowed	18 in. x 12 in.	6
R231400	Pool Closed	12 in. x 6 in.	6
R231700	Emergency Phone No. 911	12 in. x 6 in.	6
R232600	No Glassware In Pool Area	9 in. x 12 in.	6
R233800	No Diving (South Carolina)	24 in. x 24 in.	6
R233900	Caution Spa Rules (South Carolina)	24 in. x 36 in.	6
R234000	Pool Rules (South Carolina)	24 in. x 36 in.	6
R234100	Pool Rules (North Carolina)	24 in. x 36 in.	6
R234200	SPA Rules (North Carolina)	24 in. x 36 in.	6
R234500	Water Conditions (Virginia)	12 in. x 9 in.	6
R234700	Danger Pool Closed	18 in. x 12 in.	6
R234800	Pool Rules (Florida)	24 in. x 42 in.	6
R234900	Spa Rules (Florida)	18 in. x 24 in.	6
R235200	Pool Risks (Georgia)	24 in. x 29.5 in.	6
R235300	No Lifeguard (South Carolina) 6 in. x 4 in. letters	36 in. x 24 in.	6
	SPANISH POOL & SPA SIGNS		
R233700	(Reglamentos) Pool Rules	18 in. x 24 in.	6

Note: Sign images on the following two pages.

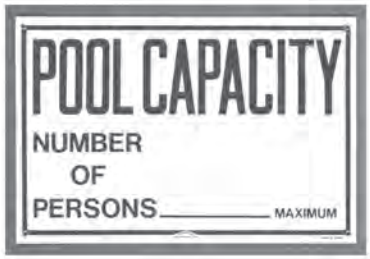
SEE PAGE 419 FOR REPLACEMENT PARTS

POOL & SPA SIGNS (CONT'D)

R230500 No Lifeguard On Duty
24 in. x 18 in.

R235100 No Lifeguard On Duty, (Texas) 24 in. x 24 in. (4 in. letters)

R230800 Public Pool Use Notice 18 in. x 24 in.



R230900 Pool Capacity 18 in. x 12 in.

R231100 "C.P.R." 24 in. x 18 in.

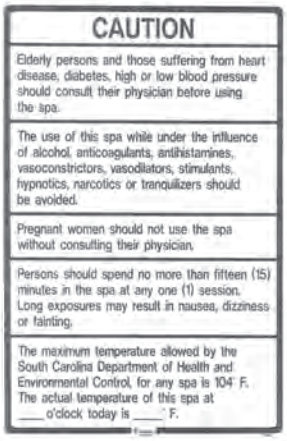
R231200 No Diving Allowed, 18 in. x 12 in.

R231700 Emergency Phone No. 911, 12 in. x 6 in.

R234200 Caution Spa Rules (N. Carolina) 24 in. x 36 in.

R232600 No Glassware In Pool Area, 9 in. x 12 in.

R231400 Pool Closed 12 in. x 6 in.



R233900 Caution Spa Users (S. Carolina), 24 in. x 36 in.

R234000 Pool Rules (S. Carolina), 24 in. x 36 in.

R233800 No Diving (S. Carolina) 24 in. x 24 in.

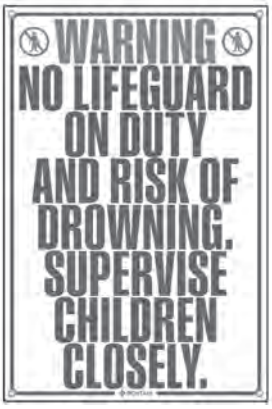
SEE PAGE 419 FOR REPLACEMENT PARTS

POOL & SPA SIGNS (CONT'D)

R234100 Pool Rules
(N. Carolina), 24 in. x 36 in.

R234700 Danger
Pool Closed 18 in. x 12 in.

R234800 Pool Rules
(Florida),24 in. x 50 in.

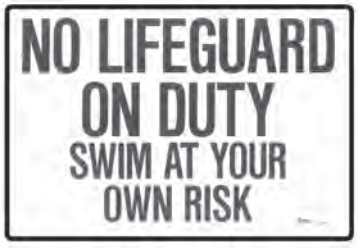


200186 No Lifeguard On Duty
(Georgia), 24 in. x 36 in.
(4 in. letters)

R230200 Pool Rules
(Calif.) 18 in. x 24 in.

R235200 Pool Risks
Georgia, 24 in. x 29.5 in.

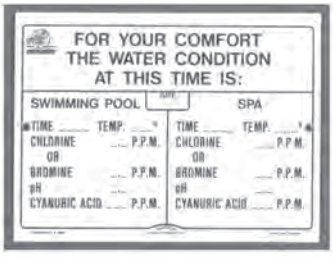
R230400 Pool Rules
18 in. x 24 in.



R235300 No Lifeguard
(S. Carolina), 36 in. x 24 in.
(6 in. x 4 in. letters)

R230300 Spa Rules
18 in. x 24 in.

R234900 Spa Rules
(Florida), 18 in. x 25 in.



R234500 Water Conditions
(Virginia), 12 in. x 9 in.

R233700 Reglamentos
(Pool Rules), 18 in. x 24 in.

SEE PAGE 419 FOR REPLACEMENT PARTS

TEST KITS

PH & CHLORINE TEST KITS

Featured Highlights

Pentair testing kits and chemicals are manufactured under strict quality control standards. To guarantee reliability, test reagents should be replaced annually. Replacement and bulk reagents are available in a variety of sizes and packaging.

752

78HR

Ordering Information

Product	Model	Description	Carton Qty.	Carton Wt. (Lbs.)
		pH & CHLORINE TEST KITS		
R151076	752	"2 n 1" Test Kit 1/2 oz. OTO and Pre-Blended pH, Cl range 0.3–3.0, blue hinged case, packed 12 Kits per counter dispenser with English & Spanish instructions	24	10
R151186	78HR	"All-in-One" 4 Way Test Kit, Cl, pH, Acid Demand, Total Alkalinity, Lucite test cell with wide standards, 1 oz. No. 1, No. 2, No. 3, 1/2 oz. No. 4, No. 5, water test booklet, blue display box	12	16

Note: Products containing OTO not available in the State of California.

Note: Air shipment of OTO solution and kits containing OTO solution is prohibited.

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RAPID TEST STRIPS

Featured Highlights

- **Rapid Test Strips** - Dip...swirl...and ready instantly. No waiting.
- **5-Way Strip Tests for Free Chlorine or Bromine, Total Chlorine, pH, Alkalinity, and Total Hardness**
- **50 Rapid Tests per Bottle**

Rapid Test Strips

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
	RAPID TEST STRIPS		
R161568	5 Way, French, Spanish, English, Blister Card with display box	12	3

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SEE PAGE 419 FOR REPLACEMENT PARTS

TEST REAGENTS

Test Reagents

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www.p65warnings.ca.gov. P/N 200174.A

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
	CYANURIC ACID REGEANT		
R161616	Cyanuric Acid Reagent, 32 ounce	12	28
R161626	Cyanuric Acid Reagent, 1 gallon	4	36
	DPD TABLETS		
R161576	DPD No. 1 tablets, rapid dissolve	1000	1
R161590	Phenol red tablets[6], rapid dissolve	1000	1
R161591	Cyanuric acid tablets	1000	1
	SOLUTIONS		
R161004	OTO Solution No. 1, 1/2 ounce, used in No. 782, No. 783 [1]	48	3
R161025	OTO Solution No. 1, 1 ounce [1]	48	6
R161056	OTO Solution No. 1, 16 ounce [1]	12	15
R161018	pH Solution Phenol Red[6] with Chlorine Neutralizer, 1/2 ounce, used in No. 761, No. 782, No. 783	48	3
R161094	pH Solution Phenol Red[6] with Chlorine Neutralizer, 1 ounce	48	6
R161126	pH Solution Phenol Red[6] with Chlorine Neutralizer, 16 ounce	12	15
R161178	No. 2 (pH Test), 1 ounce [2]	48	6
R161180	No. 2 (pH Test), 1 ounce, used in No. 78 and No. 7000 Series, PRO 11, display box [2]	24	3
R161185	No. 3 (Acid Demand, Total Alkalinity), 1 ounce, used in No. 78 and No. 7000 Series, No. 1300, PRO 11 [3]	48	6
R161202	No. 3B (Alkali Base Demand), 1 ounce, used in No. 78DPD+, PRO 11	48	6
R161204	No. 4 (Chlorine Neutralizer), 1/2 ounce, used in No. 78+, No. 7000 Series, No. 1300, PRO 11, No. 761, No. 782, No. 783 [5]	48	3
R161203	No. 5 (Total Alkalinity Test), 1/2 ounce, used in No. 78+, No. 7000 Series, No. 1300, PRO 11, No. 761, No. 782, No. 783 [4]	48	3
R161634	No. 6 (Water Hardness Test), 1/2 ounce. Used in No. 761, No. 782, No. 783, No. 1200, PRO II	48	3
R161642	No. 7 (Water Hardness), 1/2 ounce. Used in No. 761, No. 782, No. 783	48	3

[1] Replaces Solution “A”
[2] Replaces Solution “B”
[3] Replaces Solution “C”
[4] Replaces Solution “D”
[5] Replaces Solution “1”
[6] “pH Solution” or “Phenol Red” formulated by Pentair contains chlorine

Note: Air shipment of OTO solution and kits containing OTO solution is prohibited.

SEE PAGE 419 FOR REPLACEMENT PARTS

WATER HARDNESS / SPECIALTY TEST KITS

Featured Highlights

Professionals Pro 11 Test Lab

- Complete 11 test lab designed for service professionals. Free, Total and Combined Cl, Br, Iodine, pH, Acid Demand, Total Alkalinity, Water Hardness and Cyanuric Acid. Handy red tote box contains complete instructions, solutions and tests. Pro-Design Test Cell features Cl range to 10ppm and meets recommended industry standards.

PRO11

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Ordering Information

Product	Model	Description	Carton Qty.	Carton Wt. (Lbs.)
		CYANURIC ACID TEST KITS		
R151226	79	Determine parts per million of Cyanuric Acid, test vial designed for positive readout, 8 oz. reagent, instructions in Styrene box with clear top	6	8
		PRO 11 MINI LAB		
R151716	PRO 11	Professional Test Lab	6	13
		WATER HARDNESS TEST KITS		
R151276	1200	Total Water Hardness Test Kit, total Hardness in ppm or grains, test vial, 1/2 oz. No. 6, 1 oz. No. 7 and instructions, compact box	24	11

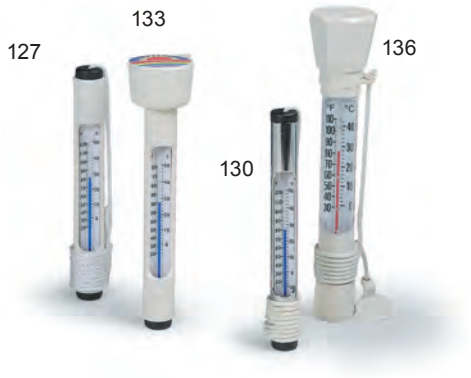
1200

79

Water Hardness/Specialty Test Kits

SEE PAGE 419 FOR REPLACEMENT PARTS

THERMOMETERS



Thermometers

Featured Highlights

High-quality pool and spa thermometers help deliver accurate temperature readings for greater enjoyment of recreational water. Pool thermometers also provide crucial information about the performance of pool heating systems.

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www.p65warnings.ca.gov. P/N 20017-A

Ordering Information

Product	Model	Description	Carton Qty.	Carton Wt. (Lbs.)
		THERMOMETERS		
R141036	127	Tube thermometer, ABS case, 3 ft. cord, bubble pack	24	4
R141076	130	Chrome brass thermometer, blown glass tube secured in brass tubing, 3 ft. cord, bubble pack	24	6
R141106	133	Floating thermometer, ABS tube, flotation cap with color label, bubble pack		
R141200	136	E-Z read combo sink or float thermometer ABS with shatterproof magnifying lens, snap-on/off flotation top, 3 ft. leash w/ anchor plate, hanging or standing clam shell pack	24	8
R221270		Floating accessory leash, prevents floating thermometers from hanging up or drifting away, 3 ft. cord and anchor plate with pad to adhere to most surfaces	24	1

Floating Accessory Leash – prevents items such as a floating chlorinators or thermometers from hanging up or drifting away. Three foot cord and anchor plate with pad to adhere to most surfaces.

SEE PAGE 419 FOR REPLACEMENT PARTS

VINYL LINER POOL VACUUMS

Featured Highlights

193 Vinyl Liner Vacuum

- Oval shaped blue ABS with protective vinyl bumper. Ideal for vinyl liner pools or use on new plaster pools. Replaceable brushes, enclosed lead weights, and snap-adapt handle. Fits 1-1/4 in. or 1-1/2 in. vacuum hose.

194 Econo Triangular Vacuum

- Sand weighted ABS body with replaceable brushes and snap-adapt handle. Fits 1-1/4 in. or 1-1/2 in. vacuum hose.

196 Clear View Vacuum

- Triangular shaped, weighted "see-thru" design. Features 2 piece 1-1/4 in. 1-1/2 in. vacuum hose swivel connection which allows hose to move freely without twisting. Cleans corners easily with protective vinyl bumper. Snap-adapt handle and replaceable adjustable brushes.

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www.p65warnings.ca.gov. P/N 20174.A

Ordering Information

Product	Model	Description	Carton Qty.	Carton Wt. (Lbs.)
		VINYL LINER POOL VACUUMS		
R201350	193	Vinyl liner vacuum, clam shell display pack	6	21
R201392	194	Econo triangular vacuum, clam shell display pack	6	26
R201398	196	Clearview vacuum, clam shell display pack	6	28

Note: All items with snap-adapt handle include a High Performance Acetal Resin spring and will snap into all standard poles or can be bolted on if preferred simply by removing Acetal Resin spring.

FLEXIBLE POOL VACUUMS

CONCRETE POOLS

Featured Highlights

188 Flexible Pool Vaccum

- Rugged polyethylene housing with enclosed weights. Adjustable solid molded wheels with stainless steel fasteners. Snap-adapt handle.

203 Superflex 14 in. Flexible Pool Vacuum

- Has factory set replaceable molded wheels and fasteners. Includes covered weights and snap-adapt handle with stainless steel wall-hugging spring device.

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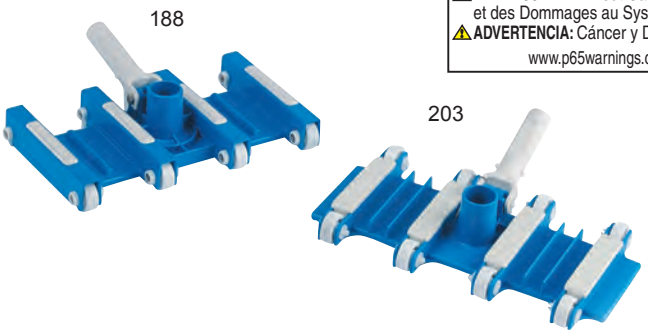
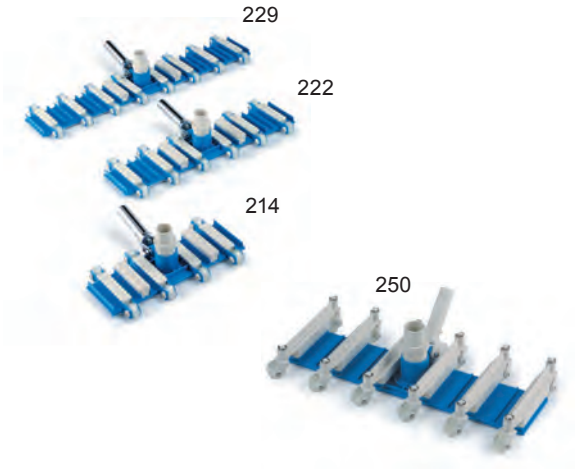


Ordering Information

Product	Model	Description	Carton Qty.	Carton Wt. (Lbs.)
		FLEXIBLE POOL VACUUMS		
R201112	188	12 in. flexible vacuum, clam shell display pack	6	35
R201388	203	Superflex 14 in. flexible vacuum, clam shell display pack	6	25

SEE PAGE 419 FOR REPLACEMENT PARTS

PROVAC®
FLEXIBLE COMMERCIAL VACUUMS



Featured Highlights

ProVac Residential & Commercial Vacuums

- Suction chamber concentrates vacuum velocity equally
- Full width flex strips guide debris into the suction chamber
- All wheels are adjustable to increase or decrease the vacuum velocity
- Includes 1-1/2 in. vac hose swivel connection

250 Swivel Wheel 19 in. Commercial Flexible Vacuum

- ABS and polyethylene wheels with 6 lead weights swivel in any direction
- 19 in. body has 1-1/2 in. vacuum swivel adapter which allows hose to move freely without twisting. 2 in. hose fits directly on vacuum.
- Has snap-adapt handle and all component parts are replaceable

Ordering Information

Product	Model	Description	Carton Qty.	Carton Wt. (Lbs.)
		250 COMMERCIAL FLEXIBLE VACUUM		
R201126	250	Swivel wheel 19 in., boxed	4	37
		PROVAC SERIES RESIDENTIAL & COMMERCIAL VACUUMS		
R201276	214	14 in. Commercial model, metal swivel handle, ball bearing wheels, SS nut and bolt, boxed	3	46
R201286	222	22 in. Commercial model, metal swivel handle, ball bearing wheels, stainless steel shaft, boxed	3	9
R201296	229	29 in. Commercial model, metal swivel handle, ball bearing wheels, stainless steel shaft, boxed	1	11

Note: Refer to price list for vacuum replacement items such as handles, pins, hardware, wheels, axle assemblies, High Performance Acetal Resin clips, and brushes.

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www.p65warnings.ca.gov. P/N 20017-A

SEE PAGE 419 FOR REPLACEMENT PARTS

MINI VAC™/VAC-MATE® VACUUM/SKIMMER

Featured Highlights

Vac-Mate Vacuum/Skimmer

- A multi-function vacuum/skimmer attachment. The addition of a Vac-Mate Vacuum/Skimmer in most skimmers allows you to control a suction cleaner while maximizing surface skimming, all with one simple setting of the control handle.
- Skims pool surface continuously while cleaner is operating
- Traps debris in Vac-Mate Vacuum/Skimmer basket before it reaches pump pot
- Replaces most control mechanisms supplied with pool cleaners

CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
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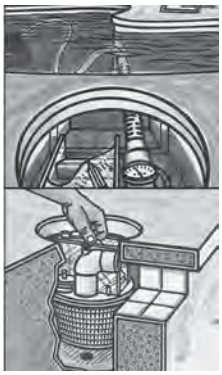
VAC-MATE



R211100

Ordering Information

Product	Model	Description	Carton Qty.	Carton Wt. (Lbs.)
		Mini Vac Vacuum Acessories		
R201716	204	Silt socks, 3 per bubble pack	12	2
R201718	204	Replacement bags, 2 per bubble pack	12	2
		VAC-MATE VACUUM/SKIMMER		
R211100		Fits Pentair products 506300 Series and SwimQuip U-3.	3	21

SEE PAGE 419 FOR REPLACEMENT PARTS

MISCELLANEOUS ACCESSORIES

Featured Highlights

Ladder Bumper

- Inner/outer design with pliable starter plug. Molded of medium density PVC. Fits standard 1.900 O.D. S.S. tubing.
- Protects pool wall from open end of tubular ladders

Silicone Lubricant

- For use on rubber seals, gaskets, and o-rings in contact with plastics and metals. Recommended for use on filters, pumps, chlorinators, and valves where corrosion occurs.

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Ordering Information

Product	Model	Description	Carton Qty.	Carton Wt. (Lbs.)
DISCHARGE HOSES				
R221218		1-1/2 in. x 50 ft. with stainless steel clamp, display box	1	4
R221220		2 in. x 50 ft. with stainless steel clamp, display box	1	6
R221224		2 in. x 200 ft., display box	1	20
LADDER BUMPER				
R221298		Ladder Bumper, Bulk pack, fits std 1.900 O.D. S.S. tubing	12	49
SILICONE LUBRICANT				
R172036Z		3/4 ounce	12	
R172351		3/4 ounce, in counter display	30	3
MISCELLANEOUS ACCESSORIES				
R22010Z	850	Winterizing plug, 1-1/2 in. pipe thread, polyurethane	12	
R22011	852	Winterizing plug, 2 in. pipe thread, polyurethane	12	

SEE PAGE 419 FOR REPLACEMENT PARTS

AQUATRAM® POOL ACCESS LIFTS

ADA-COMPLIANT COMMERCIAL POOL LIFTS

Featured Highlights

- All AquaTRAM lifts comply with ADA Guidelines
- Dual flip-up arm rests provides easier access
- Rechargeable battery-powered operation for easy use
- Comfortable seat with adjustable lap belt
- Simple-to-operate controls provide easy access in and out of pool
- Stainless steel with corrosion-resistant powder coated finish
- Lifting capacities up to 500 pounds
- Color options available

ADA Regulations mandate that most types of commercial swimming pools must have ADA-compliant pool lifts or other approved means of access installed. AquaTRAM pool access lifts aid in a safer and easier swimming pool access for swimmers with physical disabilities. With four versions to choose from, there is an AquaTRAM lift that fits most pools and budgets. Standard features include simple to operate controls, rechargeable battery-powered operation, and lifting capacities of up to 500 pounds.

AquaTRAM 90+

AquaTRAM LT-2

AquaTRAM PT-2

AquaTRAM 360

Ordering Information

Product	Model	Carton Qty.	Carton Wt. (Lbs.)
	AQUATRAM 90+ LIFT		
11420	AquaTRAM 90+ Lift with Quickset Dual Wedge Anchor	1	225
11420-A	AquaTRAM 90+ without Quickset Dual Wedge Anchor	1	220
11421	AquaTram 90+ Lift for Round Anchor Post with Anchor	1	225
11421-A	AquaTRAM 90+ for Round Anchor Post without Anchor	1	215
	AQUATRAM LT-2 LIFT AND ANCHOR		
11430	AquaTRAM LT-2 Lift with Anchor Kit	1	170
11430-A	AquaTRAM LT-2 Lift Less Anchor Kit	1	160
	AQUATRAM PT-2 LIFT		
11480	AquaTRAM PT-2 Lift with Sand Ballast (sand not included)	1	425
	AQUATRAM 360		
11250	AquaTRAM 360 Lift with Anchor	1	365
11250-A	AquaTRAM 360 Lift without Anchor	1	350

Note: Not every lift will work for every application and pool profile. For example, the AquaTRAM and AquaTRAM LT lifts are not designed to clear high curbs or walls. To ensure that you are selecting an appropriate lift for your facility, please refer to our AquaTRAM verification guides or contact customer service for additional applications assistance. AquaTRAM verification guides are available on our website at www.pentair.com.

Note: For best efficiency please email your purchase orders to: paragoncustserv@pentair.com.

For information about AquaTRAM lift accessories, please contact your Pentair Representative.

AquaTRAM products may have extended lead-times and cannot be combined with any Pentair freight programs.

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SEE PAGE 419 FOR REPLACEMENT PARTS

AQUATRAM® POOL ACCESS LIFTS

POOL LIFT ACCESSORIES

CHOOSE THE AQUATRAM LIFT THAT RISES TO YOUR NEEDS

Features and Benefits	AquaTRAM 90+	AquaTRAM 360 Lift with in-deck, tool-free anchoring	AquaTRAM LT-2 Lift with lag-bolt anchoring	AquaTRAM PT-2
Lifting capacity	400 lbs.	500 lbs.	350 lbs.	325 lbs.
ADA Compliant	✓	✓	✓	✓
Rotation for tight-area access	90° right or left	360°		90° right or left
Boom arm design adapts to the most demanding and specialized applications; superb reach and wall clearance	✓	✓		
Can serve 2 adjoining pools with 1 lift		✓		
Low-profile design uses minimal deck space	✓		✓	✓
22"-wide seat standard		✓		
Compact and lightweight, fits through most doorways	✓		✓	✓
Secure in-deck anchoring with patented design; tool-free removal; portable with optional Transport Cart	✓	✓		
Secure Docking Bar included to secure in place per ADA requirement				✓
Lag bolt anchoring, quick removal with tools; portable with optional Transport Cart			✓	
Dual flip-up armrests for easier access and aids in safer transfers	✓	✓	✓	✓
Adjustable & removable footrest fits users across a wide range of sizes	✓	✓	✓	✓
Adjustable lap belt with hook & eye fastening	✓	✓	✓	✓
Easy-to-use Slim Line controls can be operated from seat or pool ledge	✓	✓	✓	✓
Stainless steel construction, durable powder-coat finish	✓	✓	✓	✓
Battery-operated; easier to install & smoother transport than water power	✓	✓	✓	✓
Slim, one-piece 24V rechargeable battery	✓	✓	✓	✓
Submersible remote	✓	✓	✓	✓
5-year Limited Warranty (prorated after year 2 on electronics)		✓		✓
Lifetime Limited Warranty on frame		✓		
2-year Limited Warranty	✓		✓	
Solar Upgrade Option Available	✓		✓	
Plastics Color: Blue (standard), Gray, Tan, White	✓	✓	✓	✓
Powder Coat Color: White (standard), Gray, Tan	✓	✓	✓	✓

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SEE PAGE 419 FOR REPLACEMENT PARTS

AQUATRAM® POOL ACCESS LIFTS

POOL LIFT ACCESSORIES (CONT'D)

AQUATRAM 90+ LIFT

Pentair P/N	Description
11420	AquaTRAM 90+ Lift w/ Quickset Dual Wedge Anchor
11420-A	AquaTram 90+ Lift w/o Quickset Dual Wedge Anchor
11421	AquaTRAM 90+ Lift for Round Anchor Post w/Anchor
11421-A	AquaTRAM 90+ Lift for Round Anchor w/o Anchor
11222	AquaTRAM 90+ Lift Cover
11343	AquaTRAM 90+ Lift Transport Cart
11226	AquaTRAM 90+ Anchor for Round Post Model
11202	AquaTRAM 90+ Anchor for Square Post Anchor
11240	2-1/2"OD x 1.95" ID Anchor Adapter Sleeve
11241	2-3/8"OD x 1.95" ID Anchor Adapter Sleeve
11242	2-5/8"OD x 1.95" ID Anchor Adapter Sleeve
11243	Round Anchor for Wood-Framed Deck

AQUATRAM PT-2 LIFT

Pentair P/N	Description
11480	AquaTRAM PT-2 Lift w/ Sand Ballast (sand not incl.)
11285	AquaTRAM PT-2 Cover, Blue
11287	AquaTRAM PT-2 Accessory Upgrade Kit**
11289	Affixment Kit (contains docking bar and anchor)

**Includes cover, headrest, chest strap and extra battery

AQUATRAM SERIES SHARED OPTIONS & ACCESSORIES

Pentair P/N	Description
11206	AquaTRAM Adjustable Chest Strap
11208	AquaTRAM Pull-out Leg Rest
11211	AquaTRAM Replacement Battery (LINAK)
11277	AquaTRAM Replacement Charger (LINAK)
11212	AquaTRAM Replacement Battery (VITO)
11279	AquaTRAM Replacement Charger (VITO)
11213	AquaTRAM Replacement Footrest
11207	AquaTRAM Cycle Attachment
11305	AquaTRAM Replacement Seat w/ Arms
11215	AquaTRAM Replacement Seat Belt
11306	AquaTRAM Footrest

AQUATRAM LT-2 LIFT AND ANCHOR

Pentair P/N	Description
11430	AquaTRAM LT-2 Lift w/ Anchor Kit
11430-A	AquaTRAM LT-2 Lift Less Anchor Kit
11231	AquaTRAM LT-2 Anchor Kit only
11232	AquaTRAM LT-2 Transport Cart
11204	AquaTRAM Protective Cover
11205	Adjustable Headrest, AquaTRAM LT only
11270	AquaTRAM Replacement Hand Control
11271	AquaTRAM Replacement Control Box (LINAK)
11278	AquaTRAM Replacement Control Box (VITO)
11273	AquaTRAM Replacement Actuator Cover

AQUATRAM 360 LIFT AND ACCESSORIES

Pentair P/N	Description
11250	AquaTRAM 360 Lift w/ Anchor
11250-A	AquaTRAM 360 Lift without Anchor
11252	AquaTRAM 360 Anchor Kit w/ Cap
11257	AquaTRAM 360 Protective Cover
11254	AquaTRAM 360 Adjustable Headrest
11253	AquaTRAM 360 Transport Cart
11255	AquaTRAM 360 Sling Arm Option (500-lb. capacity)
11256-C	AquaTRAM 360 Replacement Sling Chain Set
11256	AquaTRAM 360 Replacement Sling (500-lb. capacity)
11256-B	AquaTRAM 360 Replacement Sling Bars
11258	AquaTRAM 360 Gurney Option
11260	AquaTRAM 360 Spine Board Option
11261	AquaTRAM 360 Head Immobilizer for Spine Board
11274	AquaTRAM 360 Replacement Hand Control, 4-Button
11275	AquaTRAM 360 Replacement Control Box
11276	AquaTRAM 360 Replacement Actuator
11259	AquaTRAM 360 Wheelchair Option, 22" Chair included

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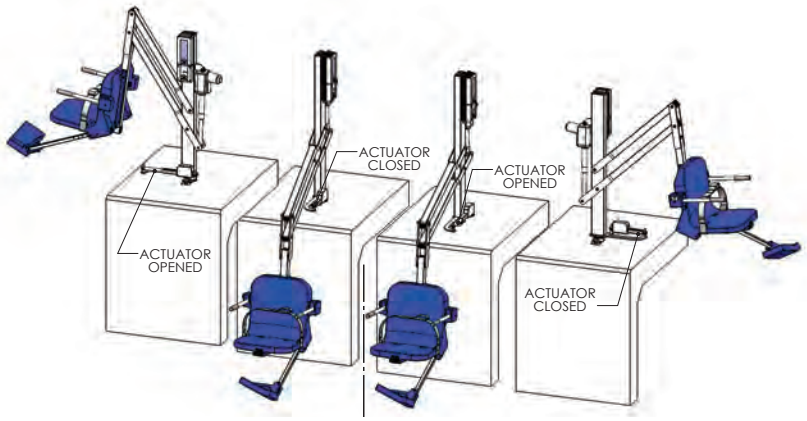
SEE PAGE 419 FOR REPLACEMENT PARTS

AQUATRAM® POOL ACCESS LIFTS

ADA-COMPLIANT POOL LIFTS



TO REVERSE THE LOADING POSITION, TURN THE POST 90° CCW FROM THE "LEFT" SIDE TO ALLOW LOADING ON THE RIGHT SIDE.

2-1/2" Square Post Anchor (Quickset)

1.95" Round Post Anchor (Standard)

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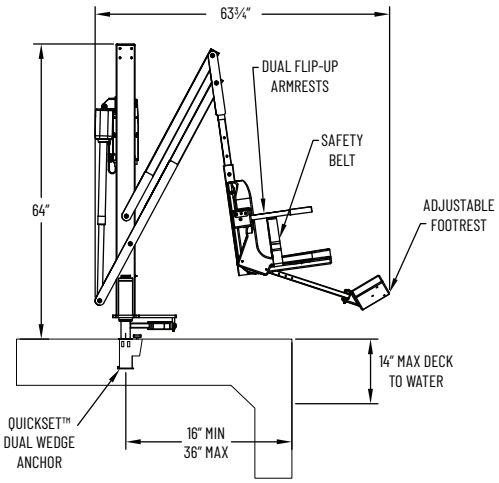
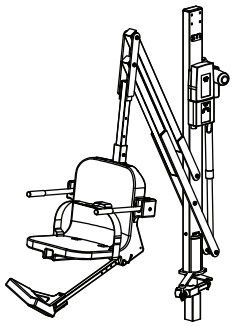
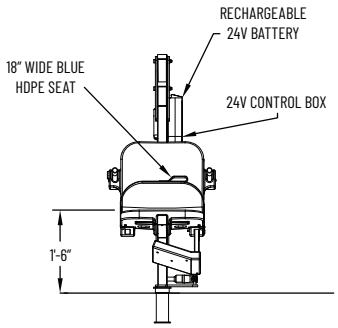
AQUATRAM® POOL ACCESS LIFTS

ADA-COMPLIANT POOL LIFTS

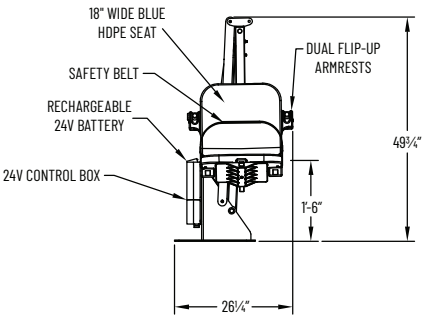
AQUATRAM 90+ LIFT

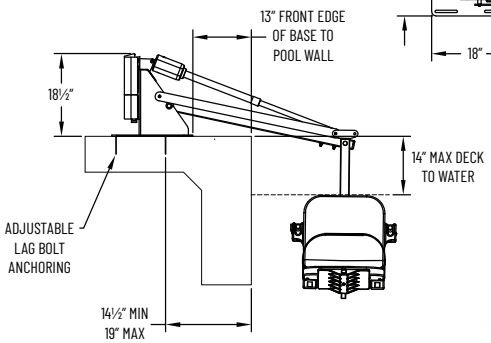


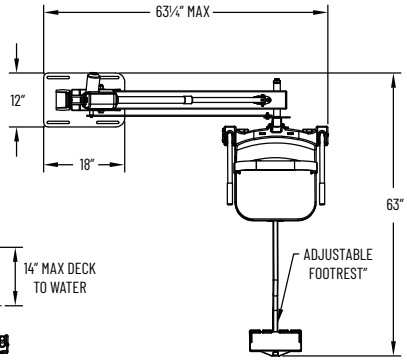




AQUATRAM LT-2 LIFT







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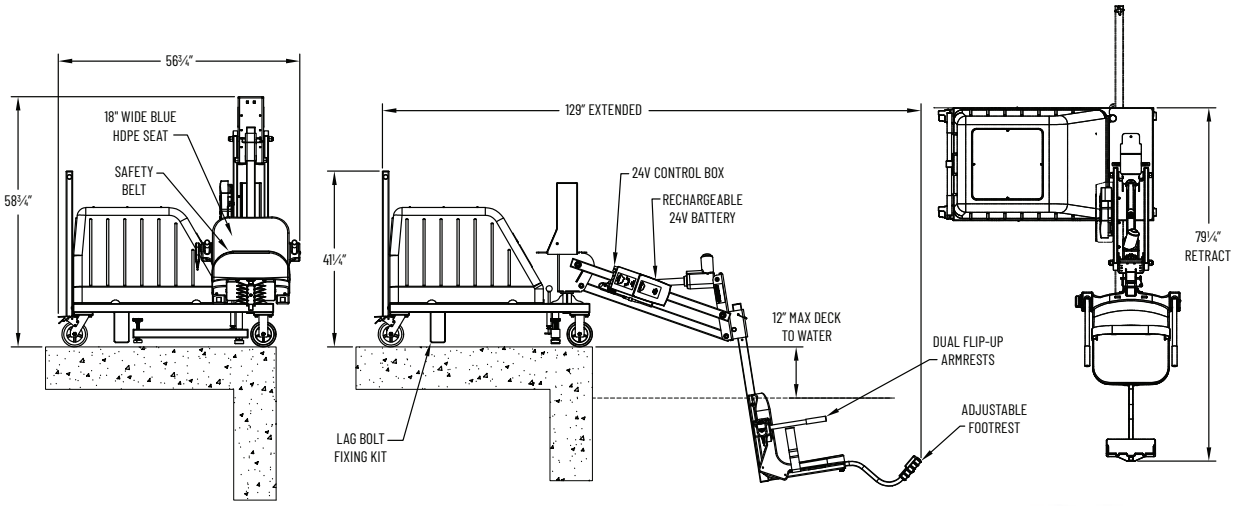
SEE PAGE 419 FOR REPLACEMENT PARTS

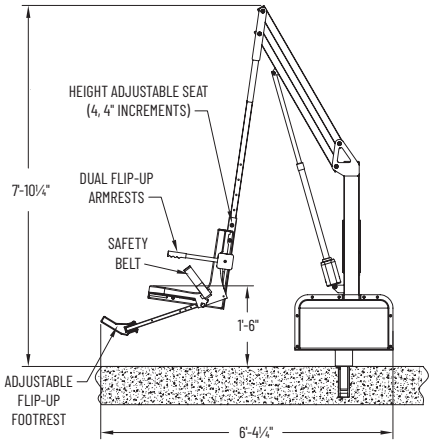
AQUATRAM® POOL ACCESS LIFTS

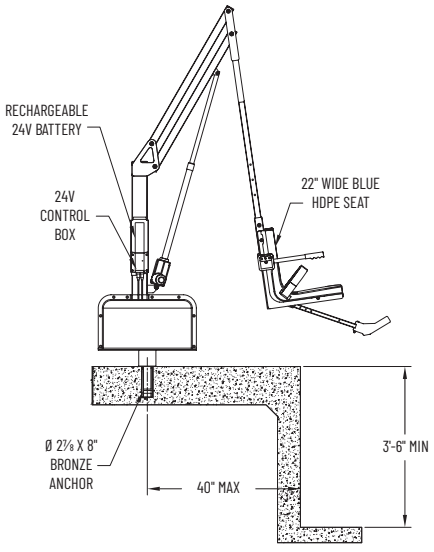
ADA-COMPLIANT POOL LIFTS

AQUATRAM PT-2 LIFT



AQUATRAM 360 LIFT





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SEE PAGE 419 FOR REPLACEMENT PARTS

PARAGON™ DECK EQUIPMENT

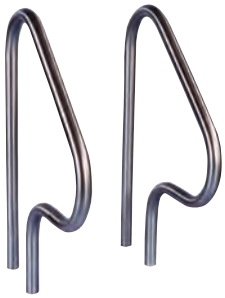
POOL ACCESSORIES

For over 50 years, KDI Paragon products have been the flagship of the aquatics industry for quality, craftsmanship and innovation. We remain focused on the core values that helped make us the leader: we build to our customer's specifications with a commitment to custom products and continuous improvement; we provide superior customer service and communication by listening and being responsive to our partners in the aquatics industry, whether architects, engineers, distributors, contractors, facility managers, or competitive swimming and diving professionals.

Track Start PLUS+™ starting platform is a modular concept that adds optional enhancements to new and existing Track Start starting platforms. These features will be factory installed if ordered with new Track Start platforms. The same kits, complete with mounting hardware and installation instructions will be provided for an easy retrofit in the field for existing platforms.

Track Start PLUS+™ STS Starting Platform features include:

- Modular concept enhancing swimmers' performance with seamless upgrade to existing Quickset/Paraflyte or Competitor style platforms.
- Side-to-side adjustment for unimipeded rear access with or without a step.
- Non-skid, white sand finish, UV inhibited polypropylene kick plate adjusts infinitely from side-to-side.
- Color options available for frame and sand-finish kick plate. Call for more information.



Grab Rails:

- Grab rails come in pairs. They are used to keep racing lanes free from obstructions when used in conjunction with built-in steps.
- Figure 4 model shown to left. Pentair's most popular model. For flat deck without unusual curbs or coping.
- Many more styles available.

Diving Towers and Stair Systems:

- Our diving towers offer significant differences to satisfy varying needs, including budgets, preferences, and job conditions.
- Sizes vary from 1/2 meter to 3 meters in height. Paraflyte towers are available in one meter and three meter models.
- Each tower is furnished with railings, rear anchor, front anchor, pedestal, and fulcrum.

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SEE PAGE 419 FOR REPLACEMENT PARTS

PARAGON™ DECK EQUIPMENT (CONT'D)

POOL ACCESSORIES

Griff's Vision Guard Station™

- Minimum footprint; maximum impact
- Less costly; ships flat
- 3 heights available

All Terrain Griff's Guard Station®

- Super portable - tip and roll with ease over any terrain
- Front and back guard access

Custom-Made Railings

We will fabricate railings to your specifications whenever custom fabricated, corrosion-resistant, stainless steel railings are required. Can be used for most pool applications: including entry, ADA compliant, stairs, deck guards, and diving towers. Design and engineering support are readily available.

Our railings are manufactured and verified to meet your project's unique specifications. All rails are factory welded and are shipped ready for installation requiring no field cutting, drilling or modifications.

We manufacture most rail goods in 1.90" O.D. stainless steel tubing, and have extensive experience manufacturing custom rails in 1.50" O.D. as well. If rails are not being installed directly into the concrete, anchor sockets are available to accommodate 1.90" and 1.50" rails.

For our complete Paragon Deck Equipment product line, contact Customer Service and request a Paragon Deck Catalog (part #PCA-103).

SEE PAGE 419 FOR REPLACEMENT PARTS

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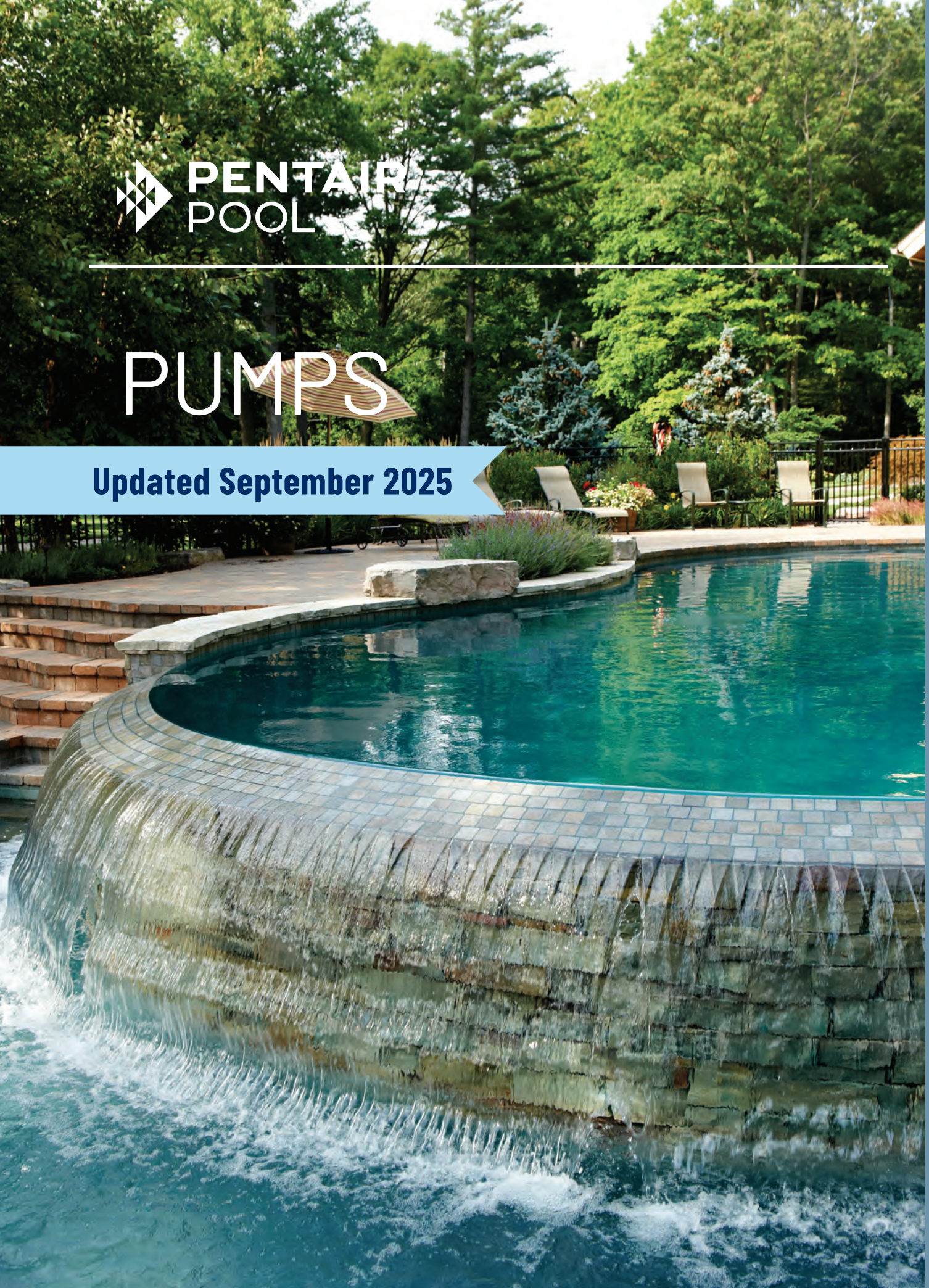


PUMPS

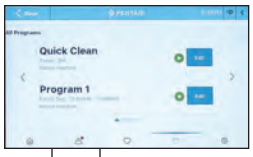
Updated September 2025

INTELLIFLO3® VSF
VARIABLE SPEED AND FLOW POOL PUMP

TRADEGRADE

ENERGY STAR

Optional touchscreen for more flexible control.



IntelliFlo3 3.0 HP Variable Speed & Flow Pump

IntelliFlo3 1.5 HP Variable Speed & Flow Pump

Pentair Pool app: pool owners can access the pool anytime, anywhere.

Pentair Pro app: ability to control and remotely monitor.

Featured Highlights

- Proprietary flow technology maintains the pool's optimal flow
- Easy control via the Pentair Pool app or optional touchscreen
- Up to 90% energy savings*
- New motor, drive, and hydraulics
- Optional onboard automation
- Easy setup and remote updates

This pump combines true set-it-and forget-it patented flow technology paired with smart connectivity of the Pentair Pool app. The proprietary combination of variable speed plus auto-regulated flow means all good things flow from the IntelliFlo3 pool pump—for your customers and for your business. Small pool or big, this pump is a simple, smart, worry-free way to give pool owners the effortless, inviting pool experience they expect.

Ordering Information

PART #	DESCRIPTION	THP	WEF	Maximum Input Voltage	Frequency	Full Load AMPs	Port Size (NPT)	Weight	Certification[3]
INTELLIFLO3 VARIABLE SPEED AND FLOW POOL PUMP (3 HP MODEL)									
011075	IntelliFlo3 VSF 3.0 HP*	3	7.1	208V–230V	50 Hz or 60 Hz	12.4–11.2 Amps	2" x 2" or 2.5" x 2.5" or (optional) 3" x 3"	55 lbs	UL[1], NSF[2]
011076	IntelliFlo3 VSF 3.0 HP with relay board*	3	7.1	208V–230V	50 Hz or 60 Hz	12.4–11.2 Amps	2" x 2" or 2.5" x 2.5" or (optional) 3" x 3"	55 lbs	UL[1], NSF[2]
011077	IntelliFlo3 VSF 3.0 HP with touchscreen*	3	7.1	208V–230V	50 Hz or 60 Hz	12.4–11.2 Amps	2" x 2" or 2.5" x 2.5" or (optional) 3" x 3"	55 lbs	UL[1], NSF[2]
011078	IntelliFlo3 VSF 3.0 HP with touchscreen and relay board*	3	7.1	208V–230V	50 Hz or 60 Hz	12.4–11.2 Amps	2" x 2" or 2.5" x 2.5" or (optional) 3" x 3"	55 lbs	UL[1], NSF[2]
INTELLIFLO3 VARIABLE SPEED AND FLOW POOL PUMP (1.5HP MODEL)									
011065	IntelliFlo3 VSF 1.5 HP*	1.5	9.4	115/208–230V	50 Hz or 60 Hz	12/6.4–5.9 Amps	1.5" x 1.5" or 2" x 2"	48 lbs	UL[1], NSF[2]
011066	IntelliFlo3 VSF 1.5 HP with relay board*	1.5	9.4	115/208–230V	50 Hz or 60 Hz	12/6.4–5.9 Amps	1.5" x 1.5" or 2" x 2"	48 lbs	UL[1], NSF[2]
011067	IntelliFlo3 VSF 1.5 HP with touchscreen*	1.5	9.4	115/208–230V	50 Hz or 60 Hz	12/6.4–5.9 Amps	1.5" x 1.5" or 2" x 2"	48 lbs	UL[1], NSF[2]
011068	IntelliFlo3 VSF 1.5 HP with touchscreen and relay board*	1.5	9.4	115/208–230V	50 Hz or 60 Hz	12/6.4–5.9 Amps	1.5" x 1.5" or 2" x 2"	48 lbs	UL[1], NSF[2]

[1] 'UL' indicates that pump bears a UL mark signifying evaluation to U.S. Standards UL1081 for Permanently Connected Swimming Pool and Spa Pumps and to Canadian Standards CAN/CSA C22.2 No. 108-01 Liquid Pumps For Swimming Pools Only (Enclosure 3).

[2] 'NSF' indicates that pump bears a mark signifying evaluation to NSF Standard 50 For Self-Priming Centrifugal Pumps For Swimming Pools, Spas and Hot Tubs.

[3] Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

*Savings based on variable speed pump compared to a single-speed pump running 12 hours per day at an average of $0.16 per kWh in a 20,000 gallon pool. Actual savings may vary based on local utility rates, pool size, pump run time, pump horsepower, pump rpm, plumbing size and length, pump model, service factor and other hydraulic factors. Individual Weighted Energy Factor (WEF) scores and savings may vary by model.

CALIFORNIA PROPOSITION 65 WARNING

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SEE PAGE 427 FOR REPLACEMENT PARTS

INTELLIFLO3® VSF

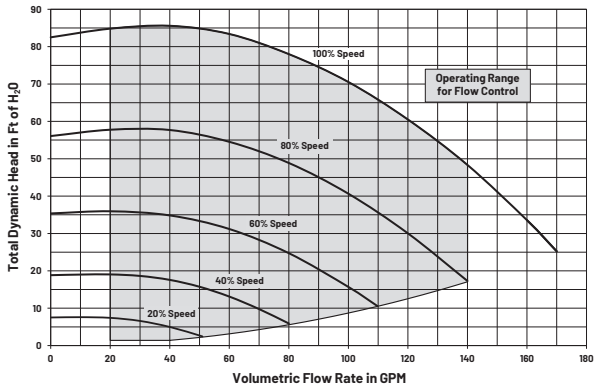
VARIABLE SPEED AND FLOW POOL PUMP (CONT'D)

Ordering Information

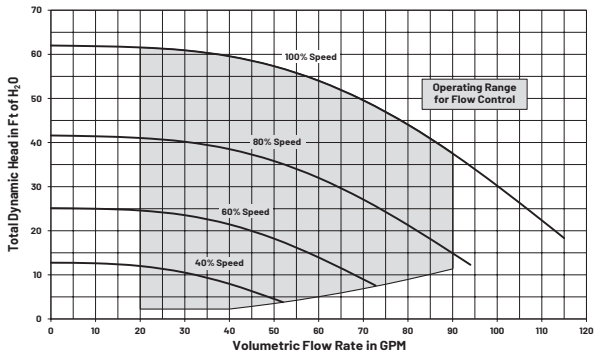
PART #	DESCRIPTION
	INTELLIFLO3 ADD ONS
356159Z	IntelliFlo3 VSF Universal Touchscreen Add On
356365Z	IntelliFlo3 VSF Optional Universal Relay Board Kit
358163Z	50 ft 2 Conductor Automation Cable
410009	2.5" Sweep Elbow Pump Kit
410029	3" Union Kit for 3 HP Pumps
351157	1-1/2" Internal Slip x 2" External Slip Union Kit for 1.5 HP Pumps (includes 2 unions)
357831Z	Retrofit Riser Base Kit for 1.5 HP Models—IntelliFlo and WhisperFlo Models
357832Z	Retrofit Riser Base Kit for 1.5 HP Models—IntelliPro, Max-E-Pro, and Challenger Models
357833Z	Retrofit Riser Base Kit for 3.0 HP Models—IntelliPro, Max-E-Pro, and Challenger Models

Dimensions and Performance

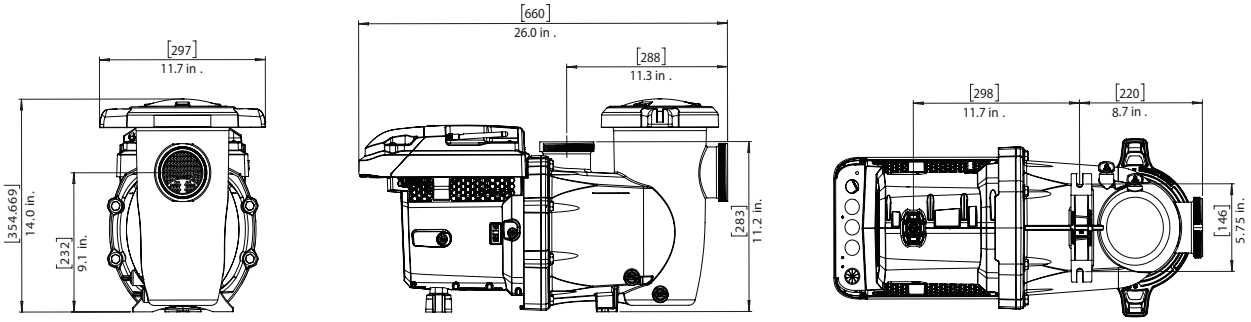
Pump Performance Curves (3 HP Models)



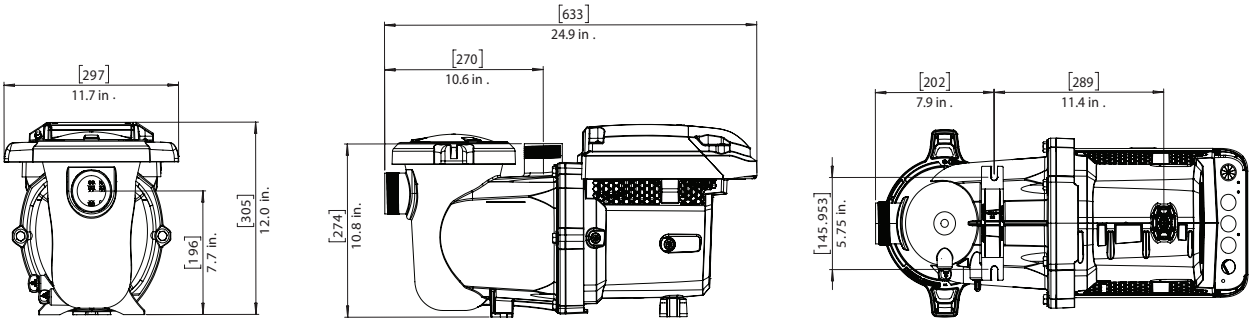
Pump Performance Curves (1.5 HP Models)



Pump Dimensions (3 HP Models)



Pump Dimensions (1.5 HP Models)



SEE PAGE 427 FOR REPLACEMENT PARTS

INTELLIFLO® VS+SVRS
HIGH PERFORMANCE PUMPS

IntelliFlo VS+SVRS
High Performance Pump

Patent Information: www.pentair.com/patents

IntelliFlo pumps combine variable speed technology, onboard digtital intelligence and permanent magnet motors (used in hybrid cars) to reduce pump-related energy costs by up to 90%* compared to a single-speed pump. The IntelliFlo VS+SVRS pump includes a built-in Safety Vacuum Release System that detects drain blockage and automatically shuts the pump off.

Featured Highlights

- Ability to program exact pump speeds for specific operations – filtering, heating, cleaning, spa jets, water features, and more
- SVRS complies with Virginia Graeme Baker Safety Act
- Built-in diagnostics helps protect the IntelliFlo pump from the most common causes of premature failure by alerting of the issue – overheating, freezing, and voltage irregularities
- Includes priming protection. No SVRS calibrations needed. Built-in SVRS cannot be turned off
- Safety lock-out feature (password protected) prevents pump speed settings from being changed by unauthorized personnel
- Ability to set minimum and maximum speeds so pump will only operate within the ranges set to help assure suitable operation for a longer life
- Compatible with Pentair Automation Systems
- Compliant with the current ASME A112.19.17 Standard for Safety Vacuum Release Systems (SVRS)
- Operates seamlessly on 50 hz or 60 hz input power. Flow/speed are constant when operating on 50hz or 60 hz

Ordering Information

Product	Description	THP	WEF	HHP	Service Factor	Voltage	Frequency	Current	Port Size	Weight	Certifications[3]
ENERGY EFFICIENT VARIABLE SPEED WITH SAFETY VACUUM RELEASE SYSTEM											
011057	IntelliFlo VS+SVRS	3.95	6.9	1.88	1.0	230	50/60	16.0	2" x 2"	53	UL[1], NSF[2]
ACCESSORIES											
350122Z	Communication Cable - 50 ft. - Included with pump										2
356198	Chemical/Salt/Ozone Resistant EPDM & SS Seal Quick Kit										1
UNIONS											
11201-0154	2 in. x 2 in. Union (2 in. NPT male x 2 in. female NPT quick connect)						Note: two required per pump (sold individually)				2

[1] 'UL' indicates that pump bears a UL mark signifying evaluation to U.S. Standards UL1081 for Permanently Connected Swimming Pool and Spa Pumps and to Canadian Standards CAN/CSA C22.2 No. 108-01 Liquid Pumps For Swimming Pools Only (Enclosure 3).

[2] 'NSF' indicates that pump bears a mark signifying evaluation to NSF Standard 50 For Self-Priming Centrifugal Pumps For Swimming Pools Only.

[3] Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

Note: Pump must be used with current collectors when installed on spas or hot tubs in Canada.

• Savings based on variable speed pump compared to a single-speed pump running 12 hours per day at an average of $0.16 per kWh in a 20,000 gallon pool. Actual savings may vary based on local utility rates, pool size, pump run time, pump horsepower, pump rpm, plumbing size and length, pump model, service factor and other hydraulic factors. Individual Weighted Energy Factor (WEF) scores and savings may vary by model.

Refer to catalog page 23 for a selection of 2-Pole GFCI breakers which offer 6 milliamp personnel protection while meeting 2008 to Current NEC Standards for Pool Pumps.

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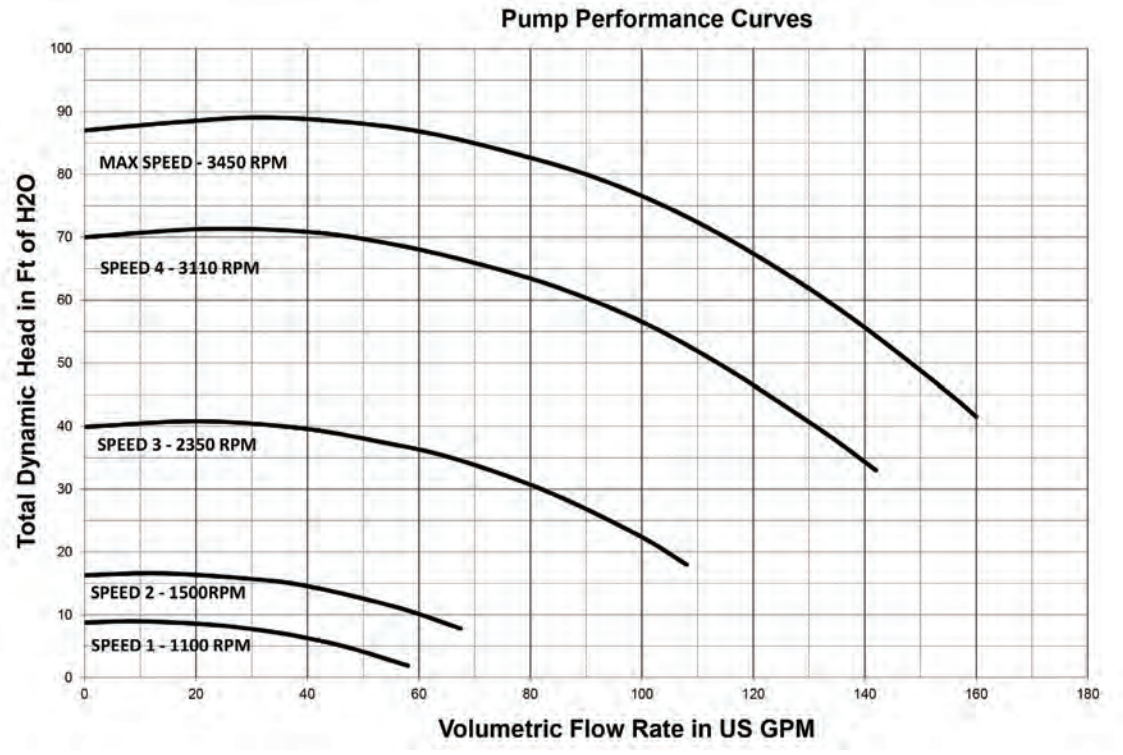
SEE PAGE 427 FOR REPLACEMENT PARTS

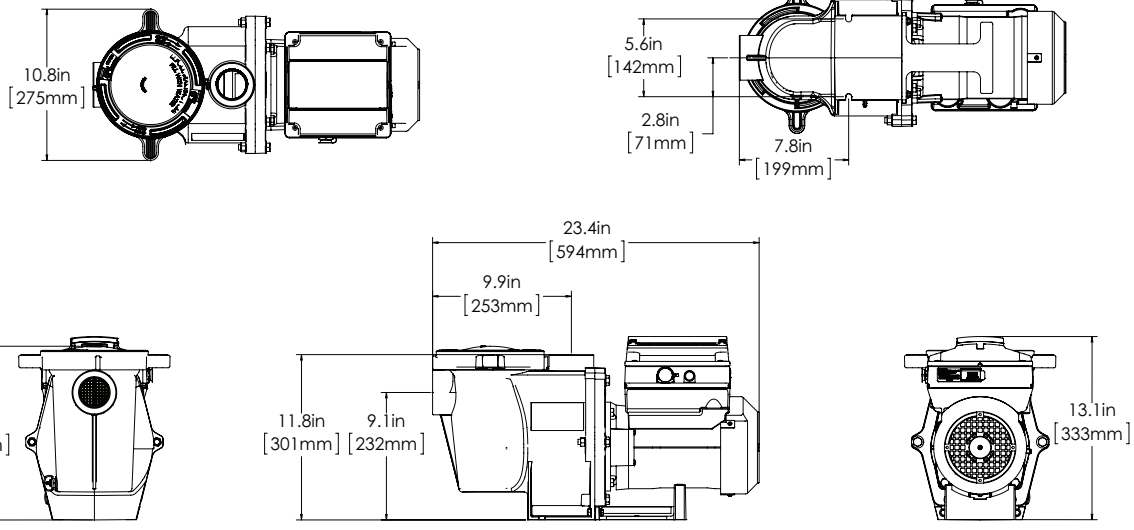
INTELLIFLO® VS+SVRS

HIGH PERFORMANCE PUMPS (CONT'D)

Dimensions and Performance



Note: IntelliFlo VS+SVRS minimum speed is 1100 RPM



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SEE PAGE 427 FOR REPLACEMENT PARTS

INTELLIFLOXF® VSF

VARIABLE SPEED AND FLOW PUMP

TRADEGRADE

Appliance Efficiency Database

IntelliFloXF VSF
Variable Speed and Flow Pump

The IntelliFloXF VSF pump has built-in sensorless flow control that enables the pump to automatically adjust to changes in system conditions to maintain its programmed flow rate. With its available performance and efficiency, it is perfectly suited for large and feature-rich pools with high flow demand to power waterfalls, slides, negative edges, and more.

Featured Highlights

- Eight programmable speed or flow settings and built-in timer
- Rotatable keypad with optional wall mount kit (sold separately)
- Top-mounted field wiring compartment is easier to access and connect
- Totally enclosed fan-cooled design keeps motor shielded from the elements for extended life
- Menus are easier than ever to use
- Union connectors included for connecting directly to 2.5" or 3" plumbing
- Maintains system flow requirements
- Compatible with Pentair automation systems

Ordering Information

Product	Description	THP	WEF	HHP	Service Factor	Voltage	Frequency	Current	Port Size	Weight	Certifications[3]
INTELLIFLOXF VSF ENERGY EFFICIENT VARIABLE SPEED AND FLOW PUMP											
022056	IntelliFloXF VSF	3.95	5.6	2.10	1.0	230	50/60	16.0	2" x 2"	60	UL[1], NSF[2]
ACCESSORIES											
400012	XF Riser Base - Simplifies installation of XF-series pumps in applications where Challenger pumps are being replaced.										
350122	Communication Cable - 50 ft. - Included with pump										2
356904Z	Keypad Relocation Kit										2
410009	2.5" Sweep Elbow Pump Kit										

[1] 'UL' indicates that pump bears a UL mark signifying evaluation to U.S. Standards UL1081 for Permanently Connected Swimming Pool and Spa Pumps and to Canadian Standards CAN/CSA C22.2 No. 108-01 Liquid Pumps For Swimming Pools Only (Enclosure 3).

[2] 'NSF' indicates that pump bears a mark signifying evaluation to NSF Standard 50 For Self-Priming Centrifugal Pumps For Swimming Pools Only.

[3] Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

Note: Pump must be used with current collectors when installed on spas or hot tubs in Canada.

Patent Information: www.pentair.com/patents

Refer to catalog page 23 for a selection of 2-Pole GFCI breakers which offer 6 milliamp personnel protection while meeting 2008 to current NEC Standards for Pool Pumps.

CALIFORNIA PROPOSITION 65 WARNING

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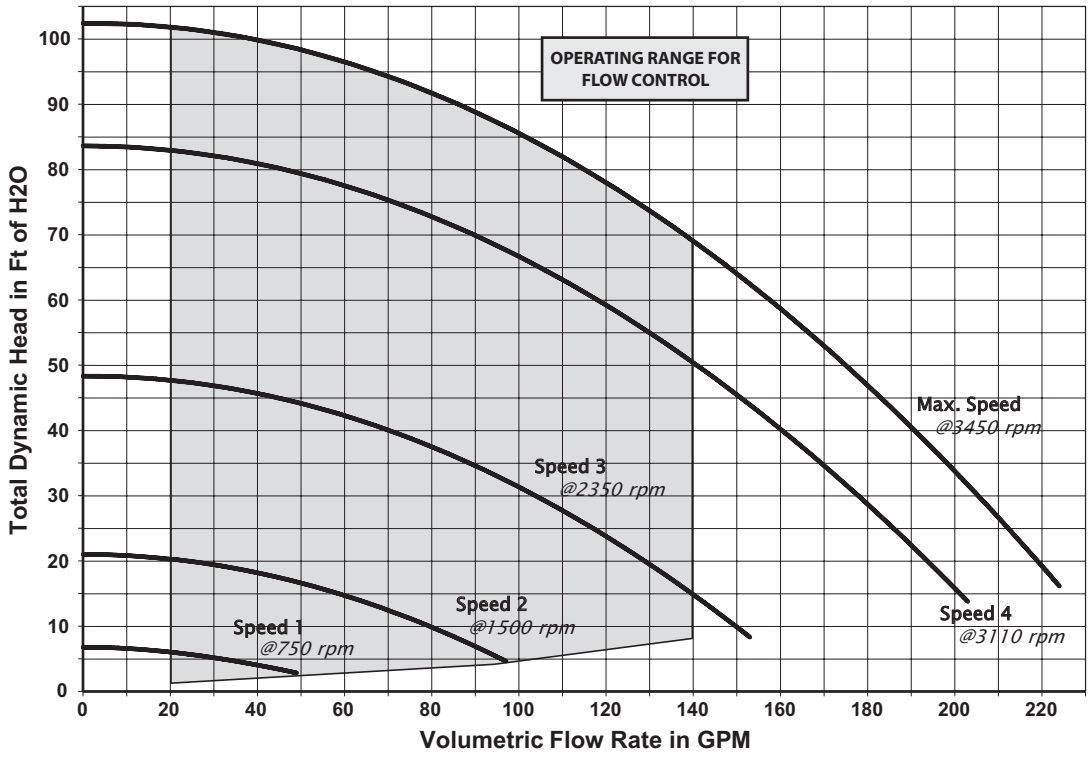
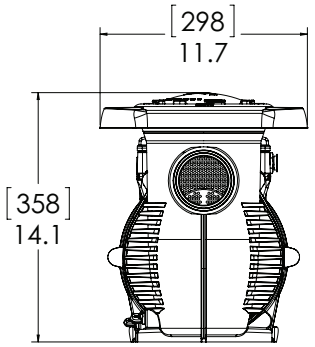
SEE PAGE 427 FOR REPLACEMENT PARTS

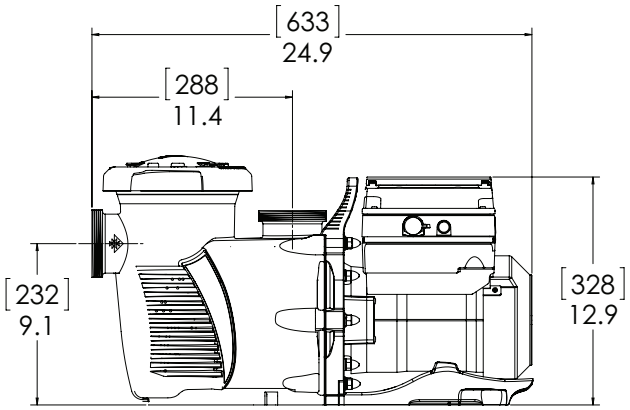
INTELLIFLOXF® VSF

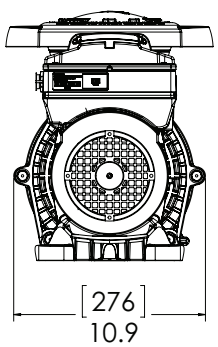
VARIABLE SPEED AND FLOW PUMP (CONT'D)

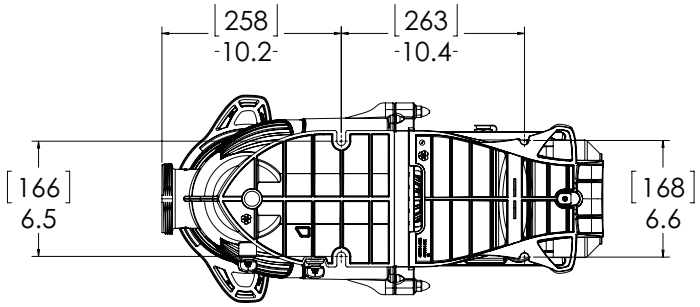
Dimensions and Performance











WHISPERFLOXF®

HIGH PERFORMANCE PUMPS

TRADEGRADE

WhisperFloXF Pump
shown with TEFC Motor

Developed using advanced engineering tools - CFD (Computational Fluid Dynamics) and FEA (Finite Element Analysis). The impeller design delivers high level of precision concentricity for efficiency.

Featured Highlights

- Drop-in replacement for all WhisperFlo® Pump models. Simple replacement for Challenger® Pumps.*
- Union connectors included for connecting directly to 2.5 in. or 3 in. plumbing
- Extra large, robust basket with smooth surface for easy debris removal
- Easy-carry handle; easily removable ergonomic lock ring; and see-through lid for easy basket inspection
- Three-Phase XF pumps are compatible with Pentair's Acu Drive XS VFDs

*Optional riser base for Challenger pump replacements. Part # 400012 available separately.

Ordering Information

Product	Rated HP	THP	WEF	HHP	Service Factor	Voltage	Frequency	Current	Port Size	Weight	Certifications[3]	Curve Key
COMMERCIAL SINGLE-SPEED TEFC												
022034	5	5	N/A	N/A	1.00	208-230	60	20.0-18.8	2.5" x 2.5" or 3" x 3"	67	UL[1], NSF[2]	A
TEFC SINGLE-SPEED—NOT FOR SALE IN THE USA												
022032-INT	2	2.60	N/A	N/A	1.30	208-230	60	11.1-9.5	2.5" x 2.5" or 3" x 3"	57	UL[1], NSF[2]	D
022033-INT	3	3.45	N/A	N/A	1.15	208-230	60	14.6-12.7	2.5" x 2.5" or 3" x 3"	61	UL[1], NSF[2]	B
THREE-PHASE SUPER-DUTY												
022017	2	2.6	N/A	N/A	1.30	208-230/460	60	7.5-7.2/3.6	2.5" x 2.5" or 3" x 3"	60	UL[1], NSF[2]	I
022018	3	3.25	N/A	N/A	1.15	208-230/460	60	9.8-9.4/4.7	2.5" x 2.5" or 3" x 3"	60	UL[1], NSF[2]	H
022019	5	5.00	N/A	N/A	1.00	208-230/460	60	13.9-13.1/6.6	2.5" x 2.5" or 3" x 3"	72	UL[1], NSF[2]	G
ACCESSORIES												
400012	XF Riser Base - Simplifies installation of XF-series pumps in applications where Challenger pumps are being replaced.											

[1] 'UL' indicates that pump bears a UL mark signifying evaluation to U.S. Standards UL1081 for Permanently Connected Swimming Pool and Spa Pumps and to Canadian Standards CAN/CSA C22.2 No. 108-01 Liquid Pumps For Swimming Pools Only (Enclosure 3).

[2] 'NSF' indicates that pump bears a mark signifying evaluation to NSF Standard 50 For Self-Priming Centrifugal Pumps For Swimming Pools, Spas and Hot Tubs.

[3] Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

CALIFORNIA PROPOSITION 65 WARNING

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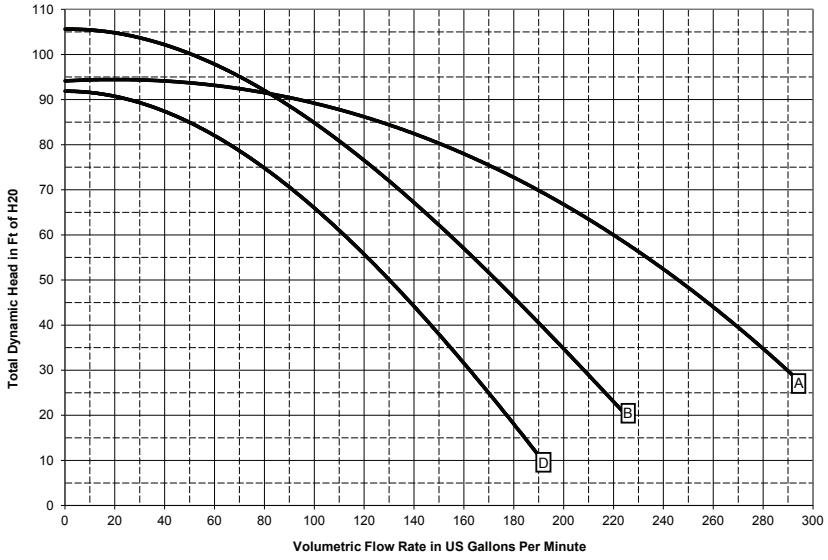
SEE PAGE 427 FOR REPLACEMENT PARTS

WHISPERFLOXF®

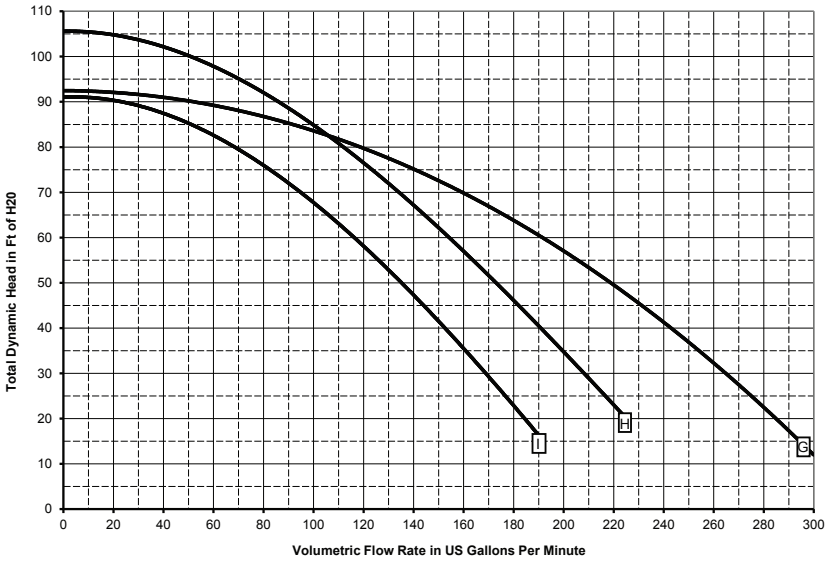
HIGH PERFORMANCE PUMPS (CONT'D)

Dimensions and Performance

1 & 2-Speed Performance Curve



3 Phase Performance Curve



B-VARYING LENGTH		
HP	TEFC	3-PH
2	13.05	12.35
3	13.65	13.05
5	14.55	13.88

A-VARYING LENGTH		
HP	TEFC	3-PH
2	24.4	23.7
3	25	24.4
5	25.9	25.23

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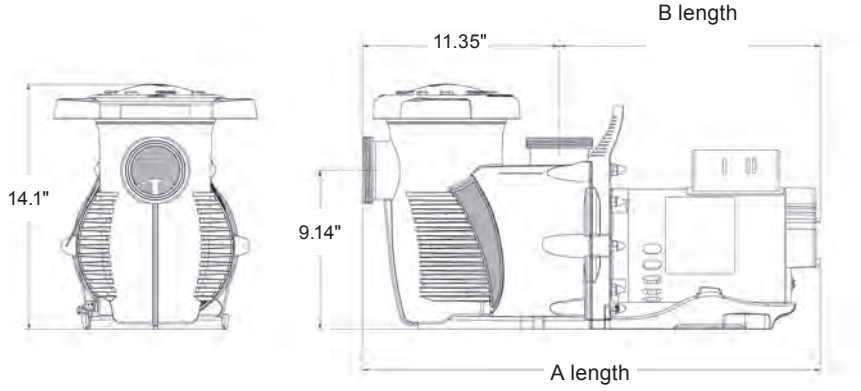

SEE PAGE 427 FOR REPLACEMENT PARTS

WHISPERFLO® VST
VARIABLE SPEED PUMP

TRADEGRADE

WhisperFlo VST
Variable Speed Pump

The WhisperFlo VST pump brings features and benefits that are just right for a pool owners' needs. Ideal for new and standard pool pump replacement for pools requiring up to a 2.0 HP pump for filtration, water features, and higher head applications.

Featured Highlights

- Variable speed technology can reduce energy costs up to 90%*
- Improved mechanical seal and totally enclosed fan-cooled (TEFC) motor to help withstand harsh temperatures and chemicals
- RS-485 connectivity for improved interface with automation systems and IoT devices for more flexibility
- Advanced onboard digital display and real-time, 24-hour clock
- Select from three programmable speeds plus an override to meet specific needs
- Adapts to 115V to 230V and 50hz or 60hz power with no special wiring or switching

Ordering Information

Product	THP	WEF	HHP	Service Factor	Voltage	Frequency	Current	Port Size	Weight	Certifications[3]
WHISPERFLO VST VARIABLE SPEED										
011533	2.6	8.4	1.64	1.0	115/208-230V	50/60	13.9/11.1-10.1A	2" x 2"	45	UL[1], NSF[2]
ACCESSORIES										
356324Z	Automation Cable									

[1] 'UL' indicates that pump bears a UL mark signifying evaluation to U.S. Standards UL1081 for Permanently Connected Swimming Pool and Spa Pumps and to Canadian Standards CAN/CSA C22.2 No. 108-01 Liquid Pumps For Swimming Pools Only (Enclosure 3). UL 60730 Compliant.

[2] 'NSF' indicates that pump bears a mark signifying evaluation to NSF Standard 50 For Self-Priming Centrifugal Pumps For Swimming Pools Only.

[3] Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

*Savings based on variable speed pump compared to a single-speed pump running 12 hours per day at an average of $0.16 per kWh in a 20,000 gallon pool. Actual savings may vary based on local utility rates, pool size, pump run time, pump horsepower, pump rpm, plumbing size and length, pump model, service factor and other hydraulic factors. Individual Weighted Energy Factor (WEF) scores and savings may vary by model.

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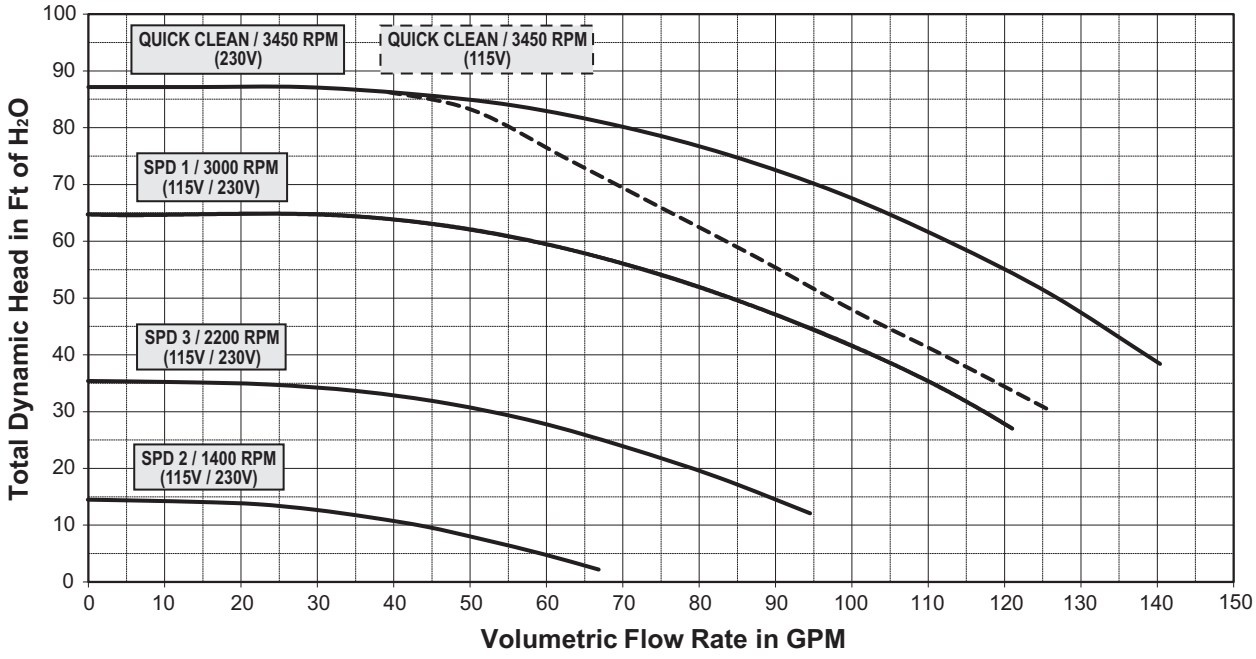
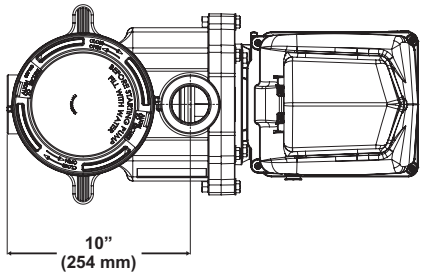
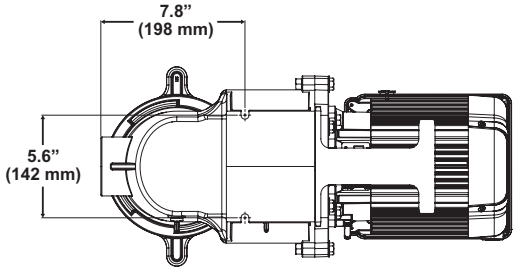
SEE PAGE 427 FOR REPLACEMENT PARTS

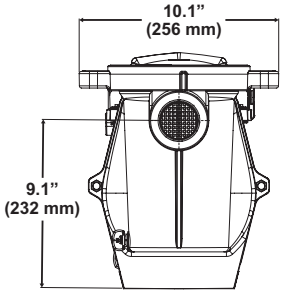
WHISPERFLO® VST
VARIABLE SPEED PUMP (CONT'D)

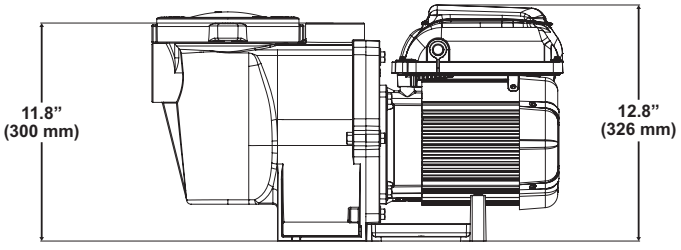
Dimensions and Performance











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WHISPERFLO®
HIGH-PERFORMANCE PUMPS

TRADEGRADE

WhisperFlo Pump shown with TEFC Motor

Robust thermoplastic with the Cam & Ramp™ See-Through Lid design. Self-priming, high flow with Funnel-Flo™ Diffusers. 2 in. suction and discharge ports. Motor features threaded shaft and durable commercial duty 56 frame motor.

Featured Highlights

- Oversized strainer basket and volute—industry standard in pool pumps
- TEFC Motors available
- 2'' NPT suction and discharge ports.
- Compatible with all cleaning systems, various filters and jet action spas
- Heavy-duty/durable construction is designed for long life
- Designed for residential and commercial applications

Ordering Information

Product	Rated HP	THP	WEF	HHP	Service Factor	Voltage	Frequency	Current	Port Size	Weight	Certifications[3]	Curve Key
DOE COMPLIANT SINGLE-SPEED TEFC												
015583	N/A	1.1	3.4	0.69	1.00	115/208-230	60	10.5/5.4-5.4	2" x 2"	50	UL[1], NSF[2]	E
ENERGY EFFICIENT SINGLE-SPEED - NOT FOR SALE IN THE USA												
011512-INT	3/4	1.25	N/A	N/A	1.00	115/208-230	60	12.8/7.0-6.4	2" x 2"	44	UL[1], NSF[2]	F
TEFC SINGLE-SPEED - NOT FOR SALE IN THE USA												
011527-INT	1	1.65	N/A	N/A	1.00	115/208-230	60	15.1/8.5-7.7	2" x 2"	50	UL[1], NSF[2]	G
011528-INT	1 1/2	2.21	N/A	N/A	1.00	208-230	60	10.3-9.1	2" x 2"	53	UL[1], NSF[2]	H
011529-INT	2	2.60	N/A	N/A	1.00	208-230	60	11.7-10.3	2" x 2"	58	UL[1], NSF[2]	I
011530-INT	3	3.45	N/A	N/A	1.00	208-230	60	14.6-12.7	2" x 2"	62	UL[1], NSF[2]	J
THREE-PHASE SUPER-DUTY												
011641	1	1.65	2.9	1.10	1.65	208-230/460	60	4.9-4.5/2.3	2" x 2"	41	UL[1], NSF[2]	G
011642	1.5	2.21	2.6	1.44	1.47	208-230/460	60	6.4-6.3/3.2	2" x 2"	43	UL[1], NSF[2]	H
011643	2	2.60	2.5	1.61	1.30	208-230/460	60	7.5-7.2/3.6	2" x 2"	47	UL[1], NSF[2]	I
011644	3	3.45	2.1	2.02	1.15	208-230/460	60	9.8-9.4/4.7	2" x 2"	52	UL[1], NSF[2]	J
ACCESSORIES												
11201-0154	2 in. x 2 in. Union (2 in. NPT male x 2 in. female NPT quick connect) * Note: two required per pump (sold individually)											
357156	Cover/Lid, Chemical Resistant, CAM & RAMP											
356198	Chemical/Salt/Ozone/Resistant EPDM & SS Seal Quick Kit											

[1] 'UL' indicates that pump bears a UL mark signifying evaluation to U.S. Standards UL1081 for Permanently Connected Swimming Pool and Spa Pumps and to Canadian Standards CAN/CSA C22.2 No. 108-01 Liquid Pumps For Swimming Pools Only (Enclosure 3).

[2] 'NSF' indicates that pump bears a mark signifying evaluation to NSF Standard 50 For Self-Priming Centrifugal Pumps For Swimming Pools, Spas and Hot Tubs.

[3] Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
⚠ **AVERTISSEMENT:** Peut Causer le Cancer et des Dommages au Système Reproducteur.
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
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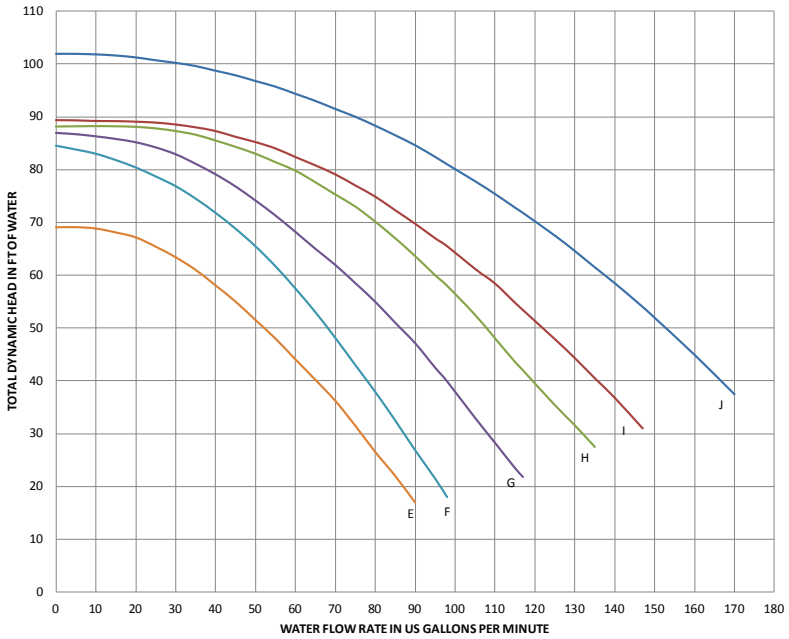
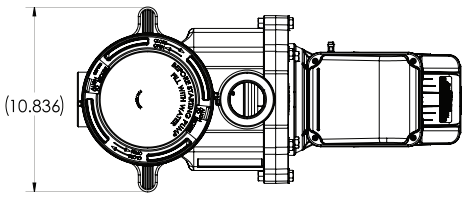
SEE PAGE 427 FOR REPLACEMENT PARTS

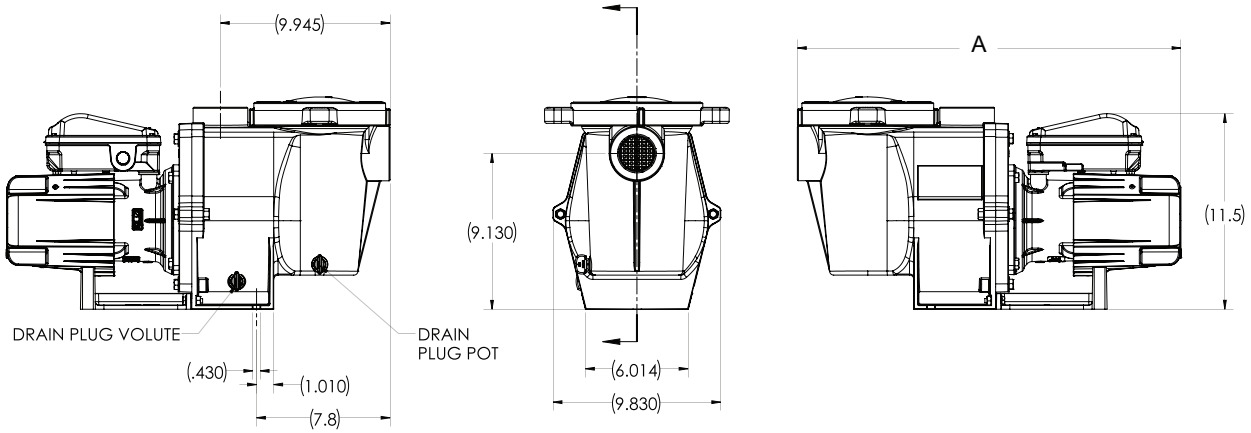
WHISPERFLO®
HIGH PERFORMANCE PUMPS (CONT'D)

Dimensions and Performance



A- VARYING LENGTH				
HP	EE	TEFC	DOE Compliant	3-PH
0.5	24.41	—	—	—
0.75	24.41	—	—	—
1	—	21.71	—	21.5
1.1	—	—	22.5	—
1.5	—	22.16	—	21.5
2	—	22.51	—	21.81
3	—	23.21	—	22.61





CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

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SEE PAGE 427 FOR REPLACEMENT PARTS

SUPERFLO® VST
VARIABLE SPEED PUMP

TRADEGRADE

ENERGY STAR

SuperFlo VST Variable Speed Pump

Featured Highlights

- TEFC motor, can adapt to 115V to 230V or 50hz or 60hz power with no special wiring or switching
- Improved mechanical seal for long, dependable performance
- Simple, easy-to-use digital control keypad with three programmable speeds, override capability, and a real-time, 24 hour clock
- Easy to access electrical connections for simple installation
- Ideal for new and standard pool pump replacement for pools requiring up to a 1.5 HP pump
- SuperFlo pumps by Pentair are a direct replacement for the Hayward® Super Pump® *

The SuperFlo VST Variable Speed Pump features sophisticated technology in a simple to operate pump. Designed for the practical pool owner, the SuperFlo VST pump has a dependable and robust Totally Enclosed Fan Cooled motor and can adapt to 115V to 230V and 50hz or 60hz power with no special wiring or swiching.

Ordering Information

Product	THP	WEF	HHP	Service Factor	Voltage	Frequency	Current	Port Size	Weight	Certifications[3]
SUPERFLO VST VARIABLE SPEED										
342002	2.2	9.0	1.08	1.0	115/208-230	50/60	13.6/8.0-7.1	1.5" x 1.5"	53	UL[1], NSF[2]
ACCESSORIES										
356324Z	External Control Wiring Kit									
356197	Chemical/Salt/Ozone Resistant EPDM & SS Seal Quick Kit (for pumps Mfg. before June 2019)									

[1] 'UL' indicates that pump bears a UL mark signifying evaluation to U.S. Standards UL1081 for Permanently Connected Swimming Pool and Spa Pumps and to Canadian Standards CAN/CSA C22.2 No. 108-01 Liquid Pumps For Swimming Pools Only (Enclosure 3). UL 60730 Compliant.

[2] 'NSF' indicates that pump bears a mark signifying evaluation to NSF Standard 50 For Self-Priming Centrifugal Pumps For Swimming Pools Only.

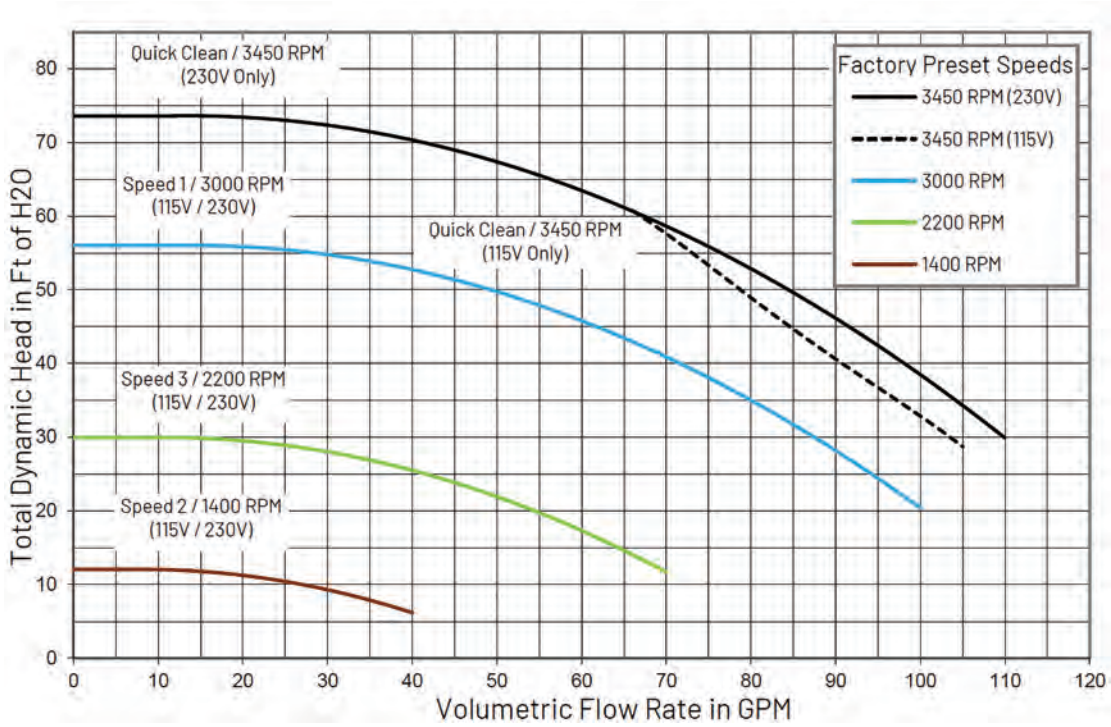
[3] Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

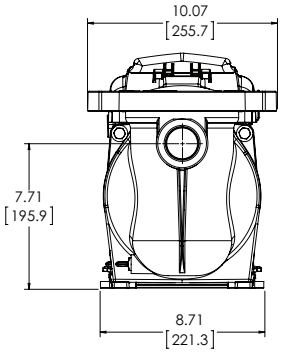
* Hayward® and Super Pump® are registered trademarks of Hayward Industries, Inc.

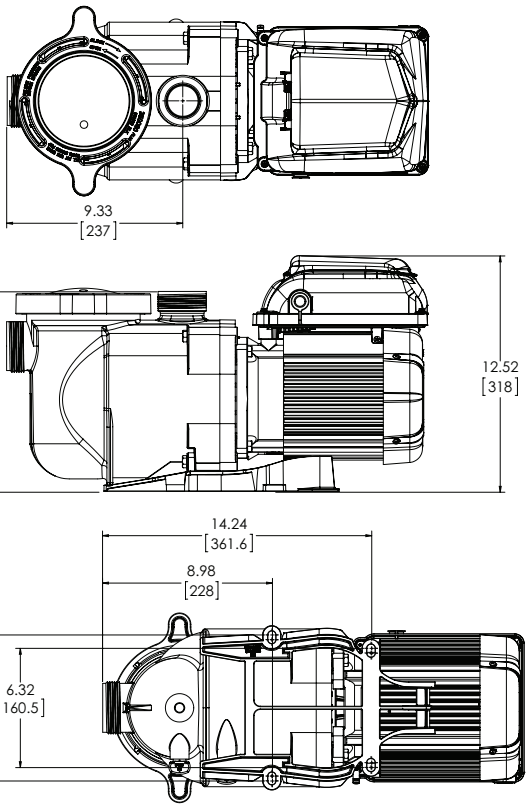
SEE PAGE 427 FOR REPLACEMENT PARTS

SUPERFLO® VST
VARIABLE SPEED PUMP (CONT'D)

Dimensions and Performance







CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

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SEE PAGE 427 FOR REPLACEMENT PARTS

SUPERFLO®

HIGH-PERFORMANCE PUMPS

TRADEGRADE

SuperFlo Pump

SuperFlo pumps feature thick walled body parts, a heavy-duty 56 square flange motor, and highly engineered hydraulics, SuperFlo pumps' silent running capability and small footprint allow it to easily drop into a compact equipment pad.

Featured Highlights

- SuperFlo pump by Pentair Aquatic Systems is a direct replacement for the Hayward® Super Pump® *
- Extremely quiet operation
- Unionized fittings included (1-1/2 in. internal slip and 2 in. external slip)
- Cam and Ramp™ Lid
- Heavy-duty, high service factor 56 square flange motor
- Integral volute and pot reduce hydraulic noise

Ordering Information

Product	Rated HP	THP	WEF	HHP	Service Factor	Voltage	Frequency	Current	Port Size	Weight	Certifications[3]	Curve Key
DOE COMPLIANT SINGLE-SPEED TEFC												
348190	N/A	1.1	3.6	0.63	1.00	115/208-230	60	10.5/5.4-5.4	1.5" x 1.5"	50	UL[1], NSF[2]	B
ENERGY EFFICIENT SINGLE-SPEED - NOT FOR SALE IN THE USA												
348022-INT	3/4	0.95	N/A	N/A	1.00	115/208-230	60	8.8/4.5-4.4	1.5" x 1.5"	44	UL[1], NSF[2]	A
TEFC SINGLE-SPEED - NOT FOR SALE IN THE USA												
348144-INT	1	1.65	N/A	N/A	1.00	115/208-230	60	15.1/8.5-7.7	1.5" x 1.5"	50	UL[1], NSF[2]	C
348145-INT	1-1/2	2.21	N/A	N/A	1.00	208-230	60	10.3-9.1	1.5" x 1.5"	53	UL[1], NSF[2]	D
348146-INT	2	2.60	N/A	N/A	1.00	208-230	60	11.7-10.3	1.5" x 1.5"	58	UL[1], NSF[2]	E
ACCESSORIES												
351157	Union Kit – 1-1/2 in. Internal Slip x 2 in. External Slip (includes 2 unions as pictured above)											
356197	Chemical/Salt/Ozone Resistant EPDM & SS Seal Quick Kit											

[1] 'UL' indicates that pump bears a UL mark signifying evaluation to U.S. Standards UL1081 for Permanently Connected Swimming Pool and Spa Pumps and to Canadian Standards CAN/CSA C22.2 No. 108-01 Liquid Pumps For Swimming Pools Only (Enclosure 3).

[2] 'NSF' indicates that pump bears a mark signifying evaluation to NSF Standard 50 For Self-Priming Centrifugal Pumps For Swimming Pools Only.

[3] Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

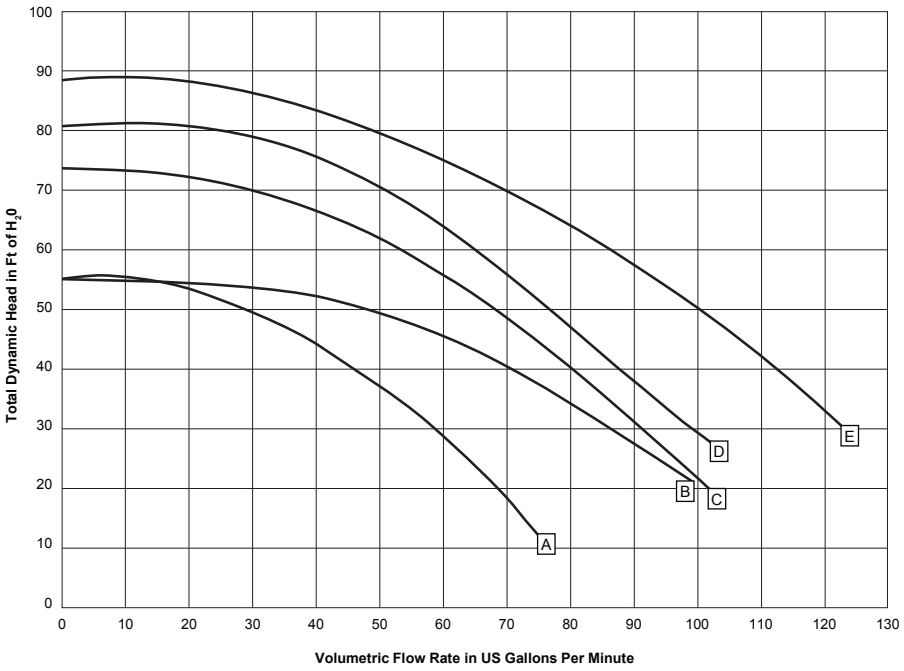
* Hayward® and Super Pump® are registered trademarks of Hayward Industries, Inc.

SEE PAGE 427 FOR REPLACEMENT PARTS

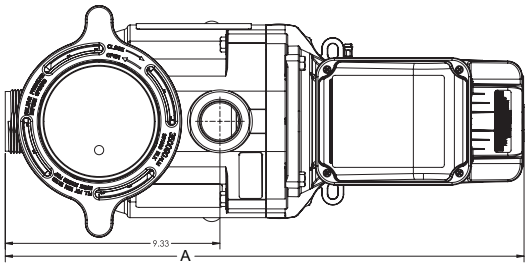
SUPERFLO®

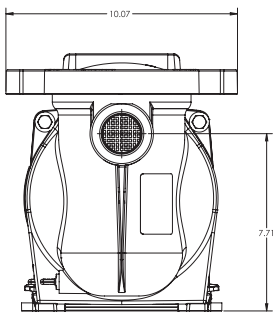
HIGH PERFORMANCE PUMPS (CONT'D)

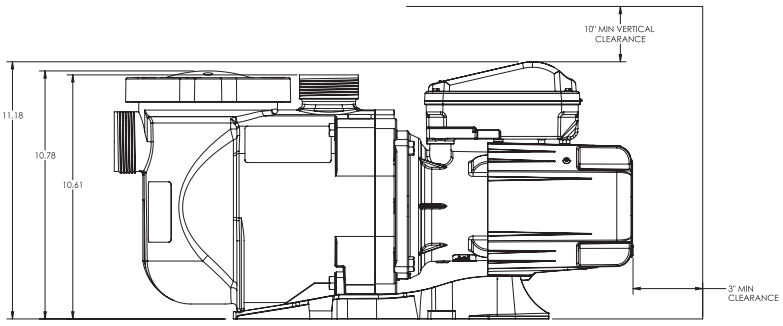
Dimensions and Performance

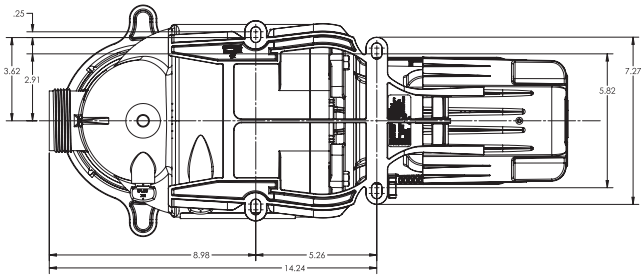


A- VARYING LENGTH			
HP	EE	TEFC	DOE Compliant
0.5	24.64	—	—
0.75	24.64	—	—
1	—	22	—
1.1	—	—	22.55
1.5	—	22.45	—
2	—	22.9	—









SEE PAGE 427 FOR REPLACEMENT PARTS

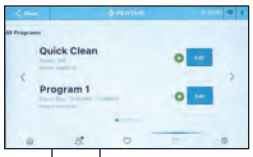
INTELLIPRO3® VSF

VARIABLE SPEED AND FLOW POOL PUMP

STA-RITE TRADEGRADE

ENERGY STAR

Optional touchscreen for more flexible control.



IntelliPro3 3.0 HP Variable Speed & Flow Pump

IntelliPro3 1.5 HP Variable Speed & Flow Pump

Pentair Pool app: pool owners can access the pool anytime, anywhere.

Pentair Pro app: ability to control and remotely monitor.

Featured Highlights

- Proprietary flow technology maintains the pool's optimal flow
- Easy control via the Pentair Pool app or optional touchscreen
- Up to 90% energy savings*
- New motor, drive and hydraulics
- Optional onboard automation
- Easy setup and remote updates

This pump combines true set-it-and forget-it patented flow technology paired with smart connectivity of the Pentair Pool app. The proprietary combination of variable speed plus auto-regulated flow means all good things flow from the IntelliPro3 pool pump—for your customers and for your business. Small pool or big, this pump is a simple, smart, worry-free way to give pool owners the effortless, inviting pool experience they expect.

Ordering Information

PART #	DESCRIPTION	THP	WEF	Maximum Input Voltage	Frequency	Full Load AMPs	Port Size (NPT)	Weight	Certification[3]
INTELLIFLO3 VARIABLE SPEED AND FLOW POOL PUMP									
013075	IntelliPro3 VSF 3.0 HP*	3	7.1	208V–230V	50 Hz or 60 Hz	12.4–11.2 Amps	2" x 2" or 2.5" x 2.5" or (optional) 3" x 3"	55 lbs	UL[1], NSF[2]
013076	IntelliPro3 VSF 3.0 HP with relay board*	3	7.1	208V–230V	50 Hz or 60 Hz	12.4–11.2 Amps	2" x 2" or 2.5" x 2.5" or (optional) 3" x 3"	55 lbs	UL[1], NSF[2]
013077	IntelliPro3 VSF 3.0 HP with touchscreen*	3	7.1	208V–230V	50 Hz or 60 Hz	12.4–11.2 Amps	2" x 2" or 2.5" x 2.5" or (optional) 3" x 3"	55 lbs	UL[1], NSF[2]
013078	IntelliPro3 VSF 3.0 HP with touchscreen and relay board*	3	7.1	208V–230V	50 Hz or 60 Hz	12.4–11.2 Amps	2" x 2" or 2.5" x 2.5" or (optional) 3" x 3"	55 lbs	UL[1], NSF[2]
INTELLIFLO3 VARIABLE SPEED AND FLOW POOL PUMP WITH 1.5HP MODELS									
013065	IntelliPro3 VSF 1.5 HP*	1.5	9.4	115/208–230V	50 Hz or 60 Hz	12/6.4–5.9 Amps	1.5" x 1.5" or 2" x 2"	48 lbs	UL[1], NSF[2]
013066	IntelliPro3 VSF 1.5 HP with relay board*	1.5	9.4	115/208–230V	50 Hz or 60 Hz	12/6.4–5.9 Amps	1.5" x 1.5" or 2" x 2"	48 lbs	UL[1], NSF[2]
013067	IntelliPro3 VSF 1.5 HP with touchscreen*	1.5	9.4	115/208–230V	50 Hz or 60 Hz	12/6.4–5.9 Amps	1.5" x 1.5" or 2" x 2"	48 lbs	UL[1], NSF[2]
013068	IntelliPro3 VSF 1.5 HP with touchscreen and relay board*	1.5	9.4	115/208–230V	50 Hz or 60 Hz	12/6.4–5.9 Amps	1.5" x 1.5" or 2" x 2"	48 lbs	UL[1], NSF[2]

[1] 'UL' indicates that pump bears a UL mark signifying evaluation to U.S. Standards UL1081 for Permanently Connected Swimming Pool and Spa Pumps and to Canadian Standards CAN/CSA C22.2 No. 108-01 Liquid Pumps For Swimming Pools Only (Enclosure 3).

[2] 'NSF' indicates that pump bears a mark signifying evaluation to NSF Standard 50 For Self-Priming Centrifugal Pumps For Swimming Pools, Spas and Hot Tubs.

[3] Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

*Savings based on variable speed pump compared to a single-speed pump running 12 hours per day at an average of $0.16 per kWh in a 20,000 gallon pool. Actual savings may vary based on local utility rates, pool size, pump run time, pump horsepower, pump rpm, plumbing size and length, pump model, service factor and other hydraulic factors. Individual Weighted Energy Factor (WEF) scores and savings may vary by model.

CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
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SEE PAGE 427 FOR REPLACEMENT PARTS

INTELLIPRO3® VSF (CONT'D)

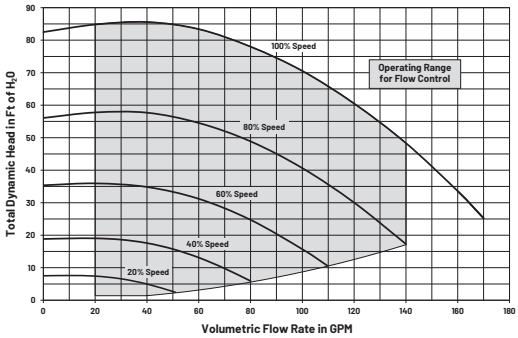
VARIABLE SPEED AND FLOW POOL PUMP

Ordering Information

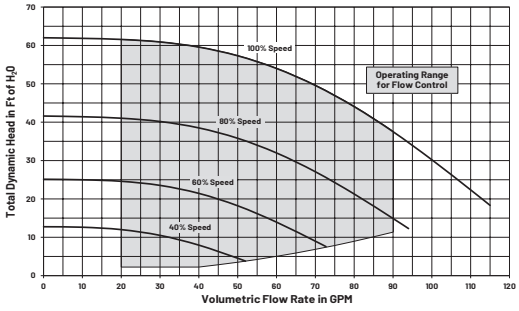
PART #	DESCRIPTION
	INTELLIFLO3 ADD ONS
356348Z	IntelliPro3 VSF Universal Touchscreen Add On
356365Z	IntelliPro3 VSF Optional Universal Relay Board Kit
358163Z	50 ft 2 Conductor Automation Cable
410009	2.5" Sweep Elbow Pump Kit
410029	3" Union Kit for 3 HP Pumps
351157	1-1/2" Internal Slip x 2" External Slip Union Kit for 1.5 HP Pumps (includes 2 unions)
357831Z	Retrofit Riser Base Kit for 1.5 HP Models—IntelliFlo and WhisperFlo Models
357832Z	Retrofit Riser Base Kit for 1.5 HP Models—IntelliPro, Max-E-Pro, and Challenger Models
357833Z	Retrofit Riser Base Kit for 3.0 HP Models—IntelliPro, Max-E-Pro, and Challenger Models

Dimensions and Performance

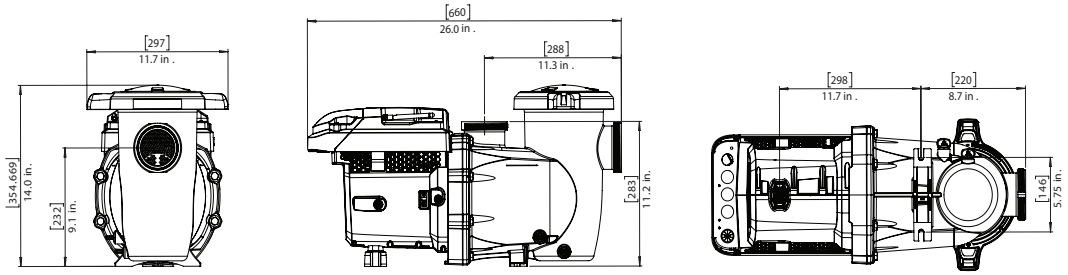
Pump Performance Curves (3 HP Models)



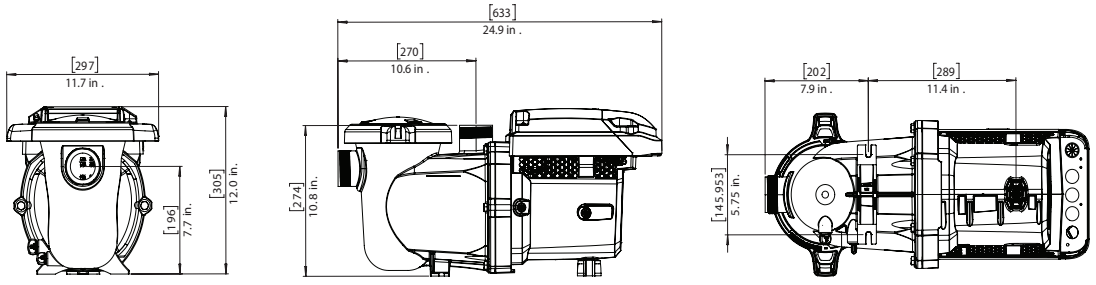
Pump Performance Curves (1.5 HP Models)



Pump Dimensions (3 HP Models)



Pump Dimensions (1.5 HP Models)



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www.p65warnings.ca.gov. P/N 350174 A

SEE PAGE 427 FOR REPLACEMENT PARTS

INTELLIPRO® VS+SVRS

HIGH PERFORMANCE PUMPS

IntelliPro VS+SVRS
Variable Speed Pump

Patent Information: www.pentair.com/patents

IntelliPro pumps combine variable speed technology, onboard digital intelligence and permanent magnet motors (used in hybrid cars) to reduce pump-related energy costs by up to 90%.* compared to single-speed pumps The IntelliPro VS+SVRS pump models include a built-in Safety Vacuum Release System that detects drain blockage and automatically shuts the pump off.

Featured Highlights

- Ability to program exact pump speeds for specific operations – filtering, heating, cleaning, spa jets, water features, and more
- SVRS complies with Virginia Graeme Baker Safety Act
- Built-in diagnostics helps protect the IntelliPro pump from the most common causes of premature failure – overheating, freezing, and voltage irregularities
- Includes priming protection. No SVRS calibrations needed. Built-in SVRS cannot be turned off
- Safety lock-out feature (password protected) prevents pump speed settings from being changed by unauthorized personnel
- Ability to set minimum and maximum speeds so pump will only operate within the ranges set to help assure suitable operation for a longer life
- Compatible with Pentair Automation Systems
- Compliant with the current ASME A112.19.17 standard for Safety Vacuum Release Systems (SVRS)

Ordering Information

Product	Description	THP	WEF	HHP	Service Factor	Voltage	Frequency	Current	Port Size	Weight	Certifications[3]
INTELLIPRO VS+ SVRS VARIABLE SPEED WITH SAFETY VACUUM RELEASE SYSTEM											
013002	IntelliPro VS+SVRS	3.95	6.9	1.88	1.0	230	50/60	16.0	2" x 2"	53	UL[1], NSF[2]
ACCESSORIES											
350122Z	Communication Cable - 50 ft. - Included with pump										2
356905Z	Optional Keypad Wall Mount Kit										
356196	Chemical/Salt/Ozone Resistant EPDM & SS Seal Quick Kit										1
UNIONS											
11201-0154	2 in. x 2 in. Union (2 in. NPT male x 2 in. female NPT quick connect) * Note: two required per pump (sold individually)										2

[1] 'UL' indicates that pump bears a UL mark signifying evaluation to U.S. Standards UL1081 for Permanently Connected Swimming Pool and Spa Pumps and to Canadian Standards CAN/CSA C22.2 No. 108-01 Liquid Pumps For Swimming Pools Only (Enclosure 3).

[2] 'NSF' indicates that pump bears a mark signifying evaluation to NSF Standard 50 For Self-Priming Centrifugal Pumps For Swimming Pools Only.

[3] Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

Note: Pump must be used with current collectors when installed on spas or hot tubs in Canada.

Refer to catalog page 23 for a selection of 2-Pole GFCI breakers which offer 6 milliamp personnel protection while meeting 2008 to Current NEC Standards for Pool Pumps.

- Savings based on variable speed pump compared to a single-speed pump running 12 hours per day at an average of $0.16 per kWh in a 20,000 gallon pool. Actual savings may vary based on local utility rates, pool size, pump run time, pump horsepower, pump rpm, plumbing size and length, pump model, service factor and other hydraulic factors. Individual Weighted Energy Factor (WEF) scores and savings may vary by model.

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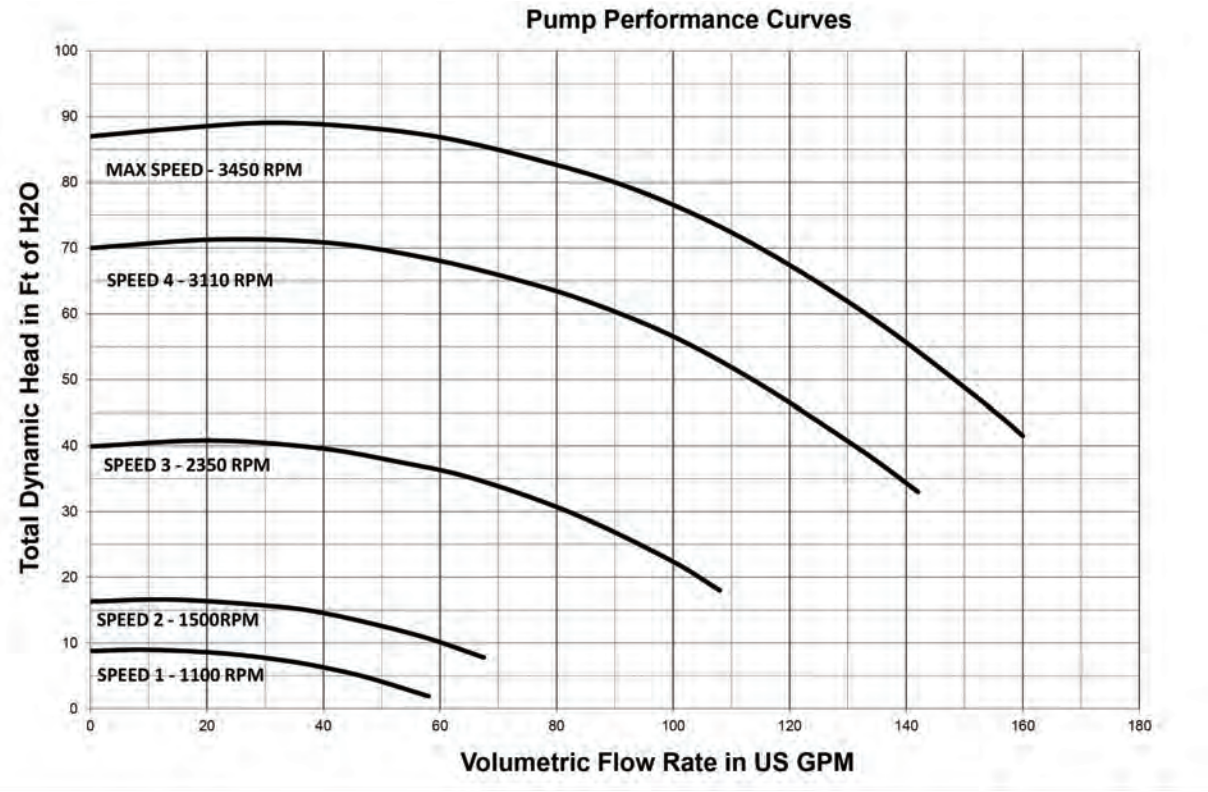
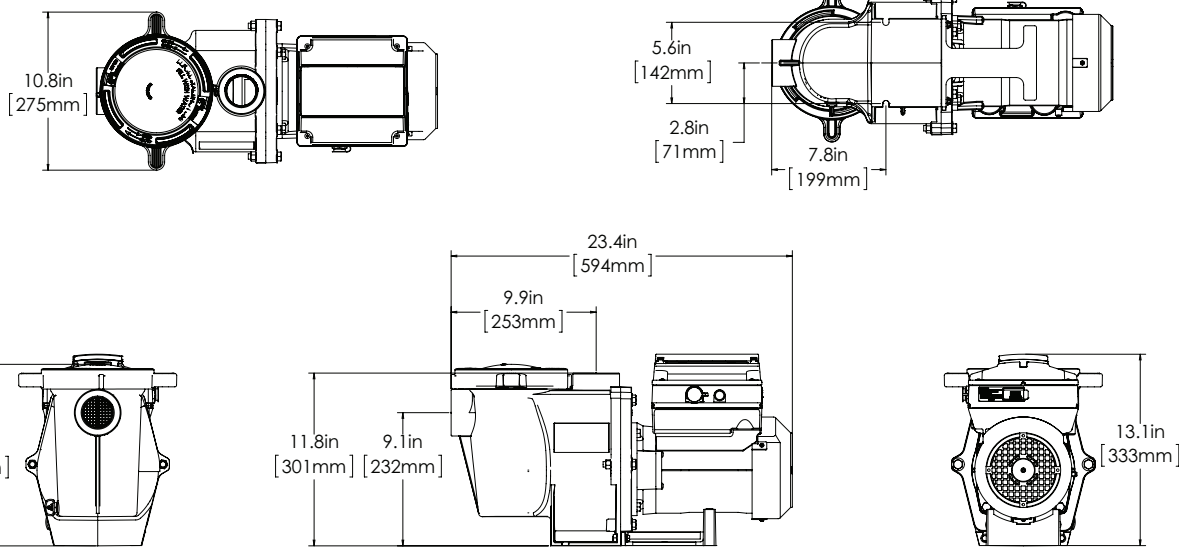
INTELLIPRO® VS+SVRS

HIGH-PERFORMANCE PUMPS (CONT'D)

Dimensions and Performance



*** IntelliPro VS+SVRS minimum speed is 1100 RPM**



CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
⚠ **AVERTISSEMENT:** Peut Causer le Cancer et des Dommages au Système Reproducteur.
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov. PIN:2007X-A

SEE PAGE 427 FOR REPLACEMENT PARTS

MAX-E-PROXF®

HIGH PERFORMANCE PUMPS

STA-RITE

TRADEGRADE

Max-E-ProXF Pump
shown with TEFC Motor

Developed using advanced engineering tools - CFD (Computational Fluid Dynamics) and FEA (Finite Element Analysis). The impeller design delivers a high level of precision concentricity for efficiency.

* Optional riser base for Challenger pump replacements, part #400012 available separately

Featured Highlights

- Totally Enclosed Fan Cooled (TEFC) motor
- Improved design
- 2” quick-disconnect plumbing union for faster disassembly and service
- 6”, extra-large-capacity trap collects more debris
- Clear-view lid allows easy way to check for debris without lifting a finger
- Some models meet updated DOE minimum efficiency requirements

Ordering Information

Product	Rated HP	THP	WEF	HHP	Service Factor	Voltage	Frequency	Current	Port Size	Weight	Certifications[3]	Curve Key
COMMERCIAL SINGLE-SPEED TEFC												
023034	5	5	N/A	N/A	1.00	208-230	60	20.0-18.8	2.5" x 2.5" or 3" x 3"	67	UL[1], NSF[2]	C
THREE-PHASE SUPER-DUTY												
023017	2	2.6	N/A	N/A	1.30	208-230/460	60	7.5-7.2/3.6	2.5" x 2.5" or 3" x 3"	60	UL[1], NSF[2]	I
023018	3	3.25	N/A	N/A	1.15	208-230/460	60	9.8-9.4/4.7	2.5" x 2.5" or 3" x 3"	60	UL[1], NSF[2]	H
023019	5	5.00	N/A	N/A	1.00	208-230/460	60	13.9-13.1/6.6	2.5" x 2.5" or 3" x 3"	72	UL[1], NSF[2]	G
ACCESSORIES												
400012	XF Riser Base - Simplifies installation of XF-series pumps in applications where Challenger pumps are being replaced.											

[1] ‘UL’ indicates that pump bears a UL mark signifying evaluation to U.S. Standards UL1081 for Permanently Connected Swimming Pool and Spa Pumps and to Canadian Standards CAN/CSA C22.2 No. 108-01 Liquid Pumps For Swimming Pools Only (Enclosure 3).

[2] ‘NSF’ indicates that pump bears a mark signifying evaluation to NSF Standard 50 For Self-Priming Centrifugal Pumps For Swimming Pools, Spas and Hot Tubs.

[3] Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

CALIFORNIA PROPOSITION 65 WARNING

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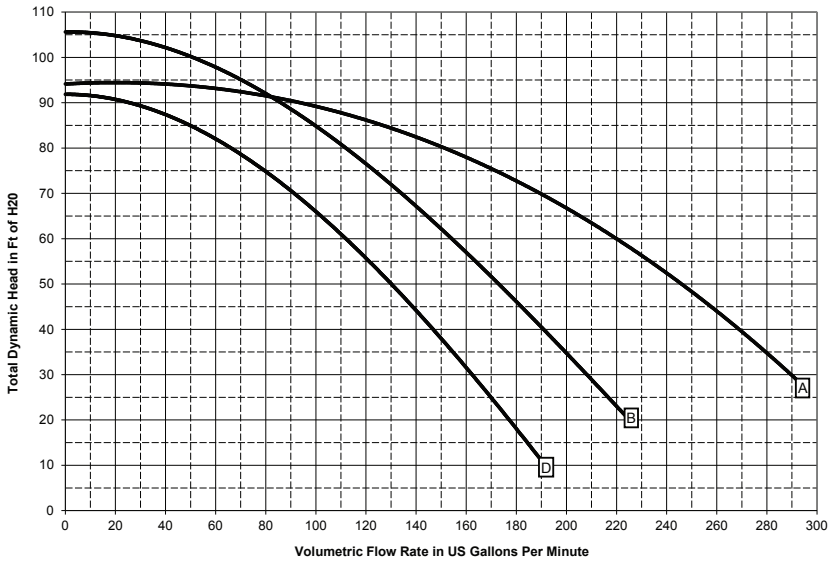
SEE PAGE 427 FOR REPLACEMENT PARTS

MAX-E-PROXF®

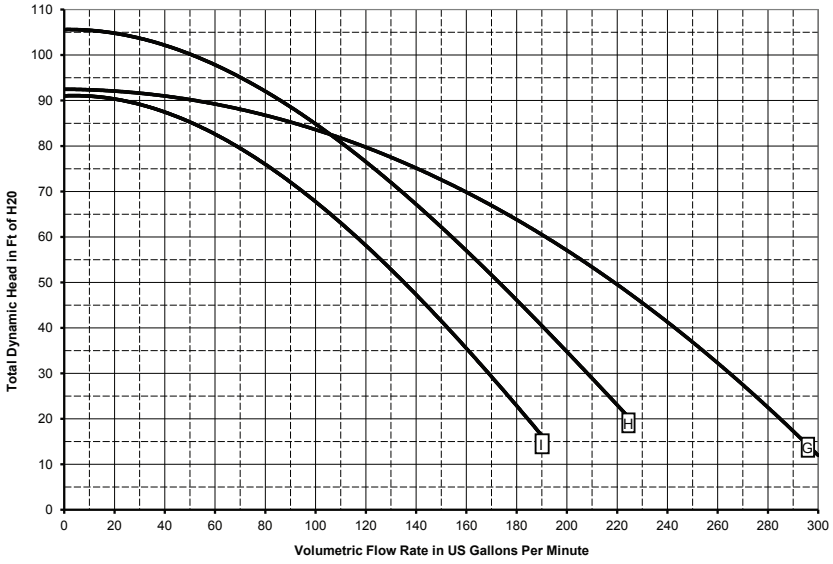
HIGH-PERFORMANCE PUMPS (CONT'D)

Dimensions and Performance

1 & 2-Speed Performance Curve

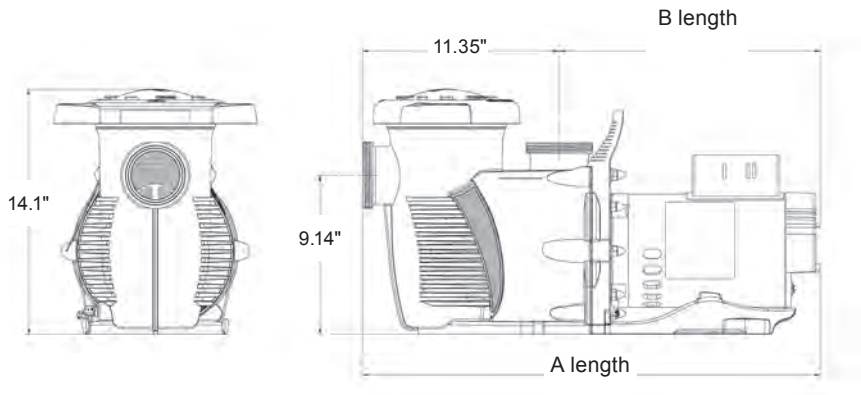


3 Phase Performance Curve



B-VARYING LENGTH		
HP	TEFC	3-PH
2	13.05	12.35
3	13.65	13.05

A-VARYING LENGTH		
HP	TEFC	3-PH
2	24.4	23.7
3	25	24.4



CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov. PIN:2007X-A

SEE PAGE 427 FOR REPLACEMENT PARTS

SUPERMAX® VS
VARIABLE SPEED PUMPS

STA-RITE TRADEGRADE

ENERGY STAR

SuperMax VS
Variable Speed Pump

For pool owners who want to step-up to the energy and cost savings of variable speed technology, the SuperMax VS pump is a wise choice. SuperMax VS pump is engineered for easy installation, simple operation, and trouble-free service.

Featured Highlights

- Variable speed technology provides energy & costs savings *
- Ideal for standard pools requiring up to 1.5 hp pump
- 110/230V and 50/60 Hz capability
- Real-time clock with 24-hour memory retention
- Simple, intuitive user interface is easy to program and operate
- Easy to access electrical connections for simple installation
- Three operating speed settings plus override capability
- SuperMax pump by Pentair Aquatic Systems is a direct replacement for the Hayward® Super Pump® [4]

Ordering Information

Product	THP	WEF	HHP	Service Factor	Voltage	Frequency	Current	Port Size	Weight	Certifications[3]
SUPERMAX VS VARIABLE SPEED										
343001	2.2	9.0	1.08	1.0	115/208-230	50/60	13.6/8.0-7.1	1.5" x 1.5"	53	UL[1], NSF[2]
ACCESSORIES										
356324Z	External Control Wiring Kit									
356197	Chemical/Salt/Ozone Resistant EPDM & SS Seal Quick Kit (for pumps Mfg. before June 2019)								1	

[1] 'UL' indicates that pump bears a UL mark signifying evaluation to U.S. Standards UL1081 for Permanently Connected Swimming Pool and Spa Pumps and to Canadian Standards CAN/CSA C22.2 No. 108-01 Liquid Pumps For Swimming Pools Only (Enclosure 3). UL 60730 Compliant.

[2] 'NSF' indicates that pump bears a mark signifying evaluation to NSF Standard 50 For Self-Priming Centrifugal Pumps For Swimming Pools Only.

[3] Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

[4] Hayward® and Super Pump® are registered trademarks of Hayward Industries, Inc.

*Savings based on variable speed pump compared to a single-speed pump running 12 hours per day at an average of $0.16 per kWh in a 20,000 gallon pool. Actual savings may vary based on local utility rates, pool size, pump run time, pump horsepower, pump rpm, plumbing size and length, pump model, service factor and other hydraulic factors. Individual Weighted Energy Factor (WEF) scores and savings may vary by model.

CALIFORNIA PROPOSITION 65 WARNING

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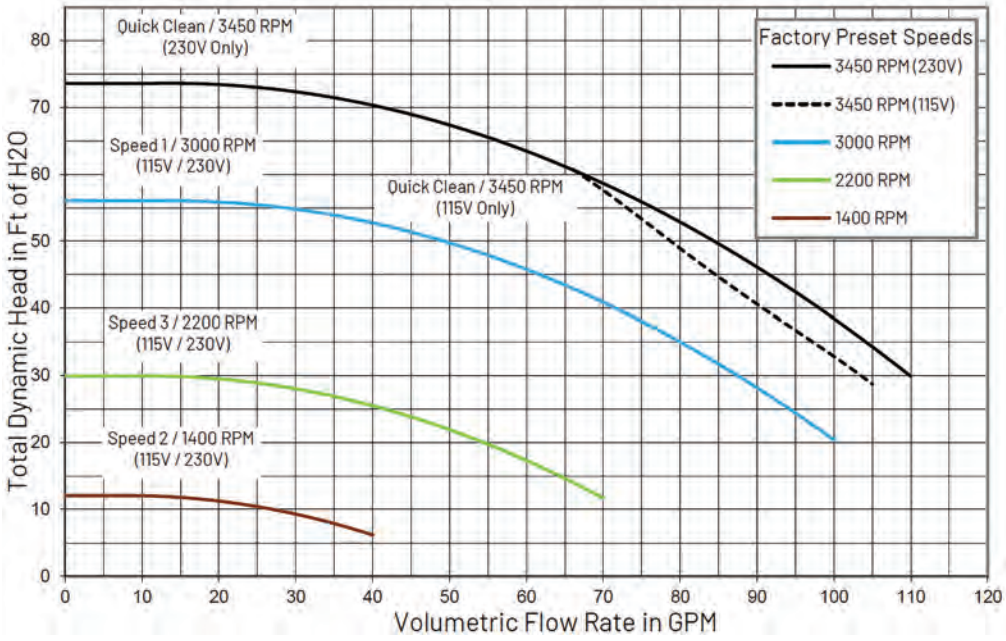
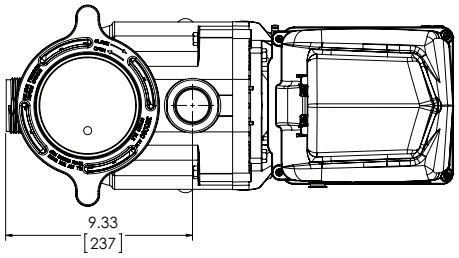
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov. PN 350174 A

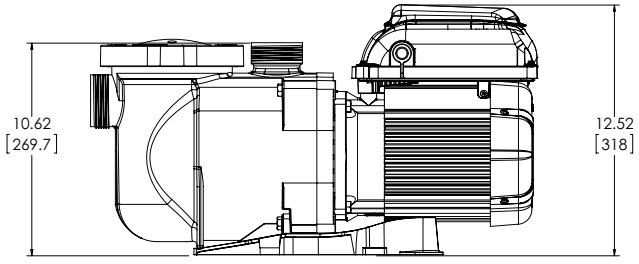
SEE PAGE 427 FOR REPLACEMENT PARTS

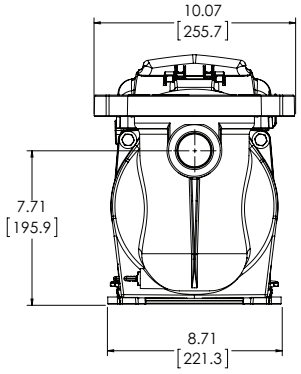
SUPERMAX® VS
VARIABLE SPEED PUMPS (CONT'D)

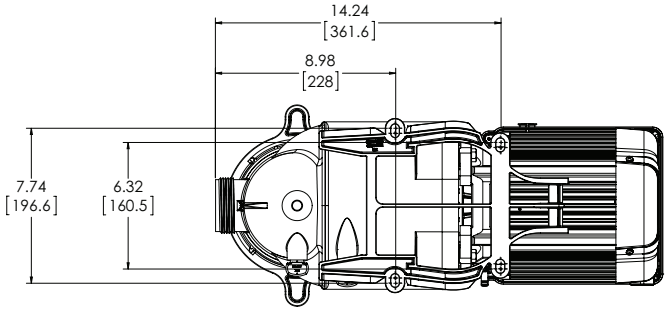
Dimensions and Performance











CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov. PN 2001741-A

SEE PAGE 427 FOR REPLACEMENT PARTS

SUPERMAX®

HIGH PERFORMANCE PUMPS

STA-RITE

TRADEGRADE

SuperMax Pump
shown with TEFC Motor

Featured Highlights

- SuperMax pump by Sta-Rite is a direct replacement for the Hayward® Super Pump® *
- Single and two-speed models ranging from 1/2 to 2-1/2 HP
- Cam and Ramp™ Lid locks and unlocks with a simple quarter turn
- Exterior thermoplastic resin withstands temperature extremes and delivers long life
- Unionized fittings included (1-1/2 in. internal slip and 2 in. external slip)

The SuperMax pump features a commercial grade, 56 square flange motor for top performance in residential swimming pools. Consumers enjoy its economical performance. Pool professionals benefit from its ease of installation and reliability.

Ordering Information

Product	Rated HP	THP	WEF	HHP	Service Factor	Voltage	Frequency	Current	Port Size	Weight	Certifications[3]	Curve Key
DOE COMPLIANT SINGLE-SPEED TEFC												
348191	N/A	1.1	3.6	0.63	1.00	115/208-230	60	10.5/5.4-5.4	1.5" x 1.5"	50	UL, NSF	B
ENERGY EFFICIENT SINGLE-SPEED - NOT FOR SALE IN THE USA												
PHK2E6D-101L-INT	3/4	0.95	N/A	N/A	1.00	115/208-230	60	8.8/4.5-4.4	1.5" x 1.5"	44	UL, NSF	A
TEFC SINGLE-SPEED - NOT FOR SALE IN THE USA												
348147-INT	1	1.65	N/A	N/A	1.00	115/208-230	60	15.1/8.5-7.7	1.5" x 1.5"	50	UL, NSF	C
348148-INT	1-1/2	2.21	N/A	N/A	1.00	208-230	60	10.3-9.1	1.5" x 1.5"	53	UL, NSF	D
348149-INT	2	2.60	N/A	N/A	1.00	208-230	60	11.7-10.3	1.5" x 1.5"	58	UL, NSF	E
ACCESSORIES												
351157	Union Kit – 1-1/2 in. Internal Slip x 2 in. External Slip - includes 2									1		
356197	Chemical/Salt/Ozone Resistant EPDM & SS Seal Quick Kit									1		

[1] 'UL' indicates that pump bears a UL mark signifying evaluation to U.S. Standards UL1081 for Permanently Connected Swimming Pool and Spa Pumps and to Canadian Standards CAN/CSA C22.2 No. 108-01 Liquid Pumps For Swimming Pools Only (Enclosure 3).

[2] 'NSF' indicates that pump bears a mark signifying evaluation to NSF Standard 50 For Self-Priming Centrifugal Pumps For Swimming Pools Only.

[3] Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

* Hayward® and Super Pump® are registered trademarks of Hayward Industries, Inc.

CALIFORNIA PROPOSITION 65 WARNING

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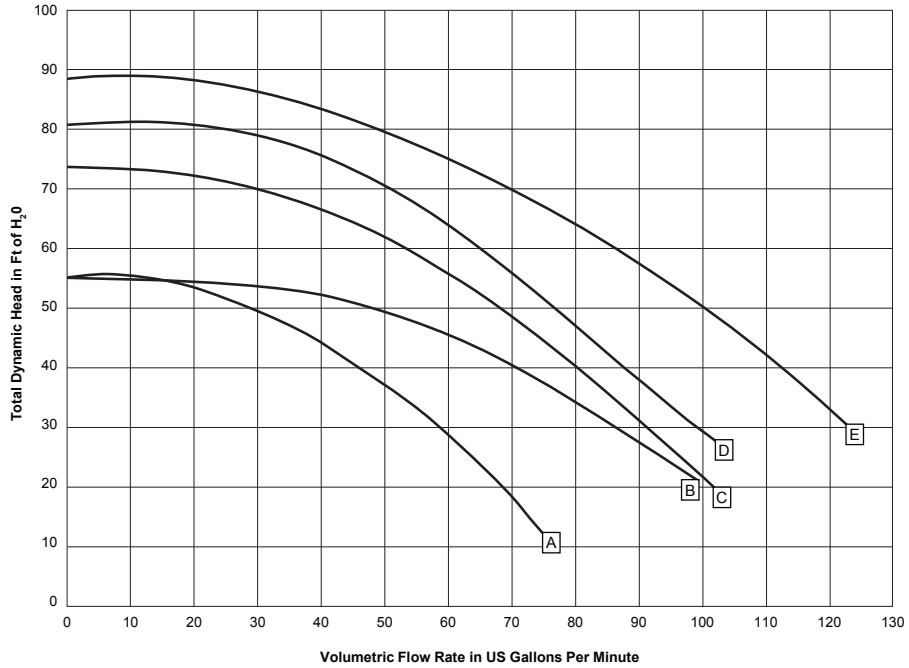
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov. PN 2007X-A

SEE PAGE 427 FOR REPLACEMENT PARTS

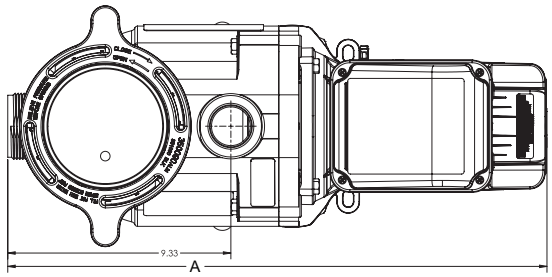
SUPERMAX®

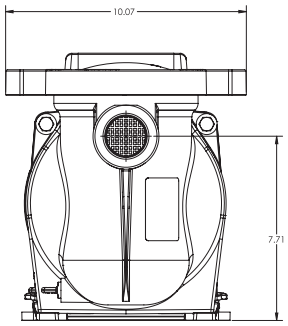
HIGH-PERFORMANCE PUMPS (CONT'D)

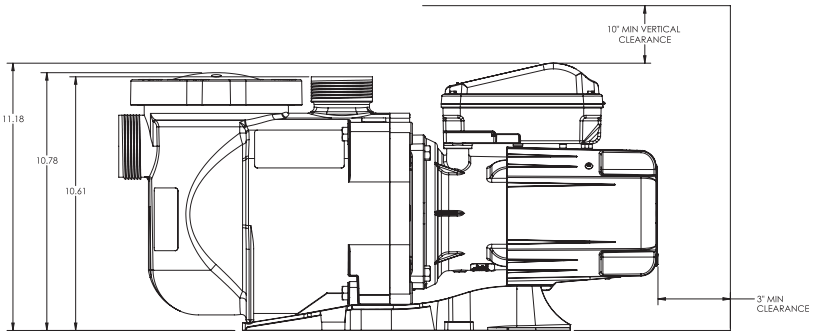
Dimensions and Performance

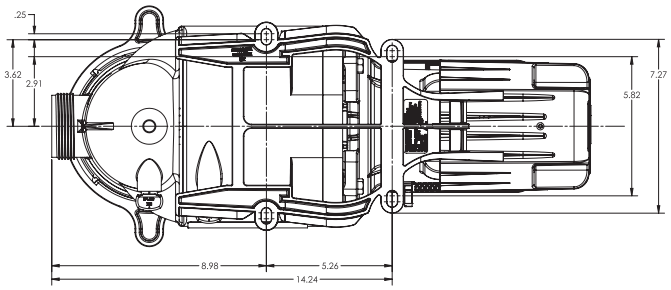


A- VARYING LENGTH			
HP	EE	TEFC	DOE Compliant
0.5	24.64	—	—
0.75	24.64	—	—
1	—	22	—
1.1	—	—	22.55
1.5	—	22.45	—
2	—	22.9	—









CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov.

SEE PAGE 427 FOR REPLACEMENT PARTS

WHISPERFLOXF® VS

COMMERCIAL VARIABLE SPEED PUMP

TRADEGRADE

WhisperFloXF VS Pump

WhisperfloXF pump is an economical, combined motor/drive solution for HMAC (hotel, motel, apartment, condominum) or large residential installations, providing sophisticated, energy-saving pump technology without the high costs typically associated with independent pump/external drive setups.

Featured Highlights

- Integrated 5HP motor/drive; no expensive external drive required
- Versatile power input capability; runs off a wide range of single- or three-phase power
- Speed or flow control for greater efficiency and pool performance*
- External control capability through automation systems or relays
- Intuitive programming and operation
- Meets commercial codes and agency requirements

Ordering Information

Product	THP	WEF	HHP	Service Factor	Voltage	Frequency	Current	Port Size	Weight	Certifications[3]
WHISPERFLOXF VARIABLE SPEED										
022035	5.0	5.0	2.09	1.00	Single-Phase: 208-230/277-460 Three-Phase: 208-460	50/60	Single-Phase: 20-21/17-11 Three-Phase: 13-6	2.5" x 2.5" or 3" x 3"	95	UL[1], NSF[2]
ACCESSORIES										
356324Z	RS-485 Automation Wiring Kit, 25 ft.									
400012	XF Riser Base - Simplies installation of XF-series pumps in application where Challenger Pumps are being replaced.									

[1] 'UL' indicates that pump bears a UL mark signifying evaluation to U.S. Standards UL1081 for Permanently Connected Swimming Pool and Spa Pumps and to Canadian Standards CAN/CSA C22.2 No. 108-01 Liquid Pumps For Swimming Pools Only (Enclosure 3).

[2] 'NSF' indicates that pump bears a mark signifying evaluation to NSF Standard 50 For Self-Priming Centrifugal Pumps For Swimming Pools, Spas and Hot Tubs.

[3] Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

*When connected to Pentair's inline 4-20mA flowmeter for 3" plumbing (P/N 97014-4203KIT–sold separately), or similar 4-20mA flowmeters, this pump is capable of maintaining a constant flow based on the needs of your pool system. To connect the flowmeter and pump, the digital input cable provided in the External Control Wiring Kit (P/N 356324Z sold separately) is required.

CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
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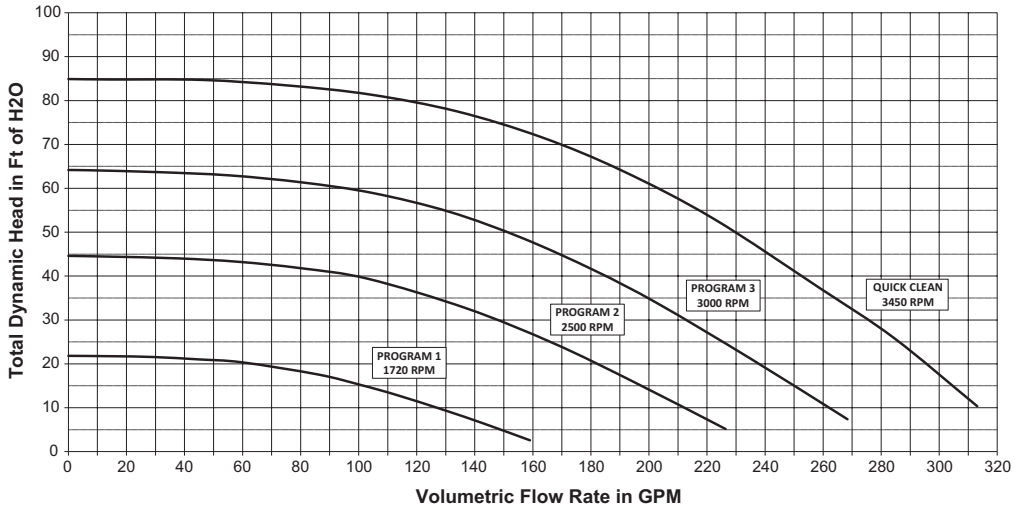
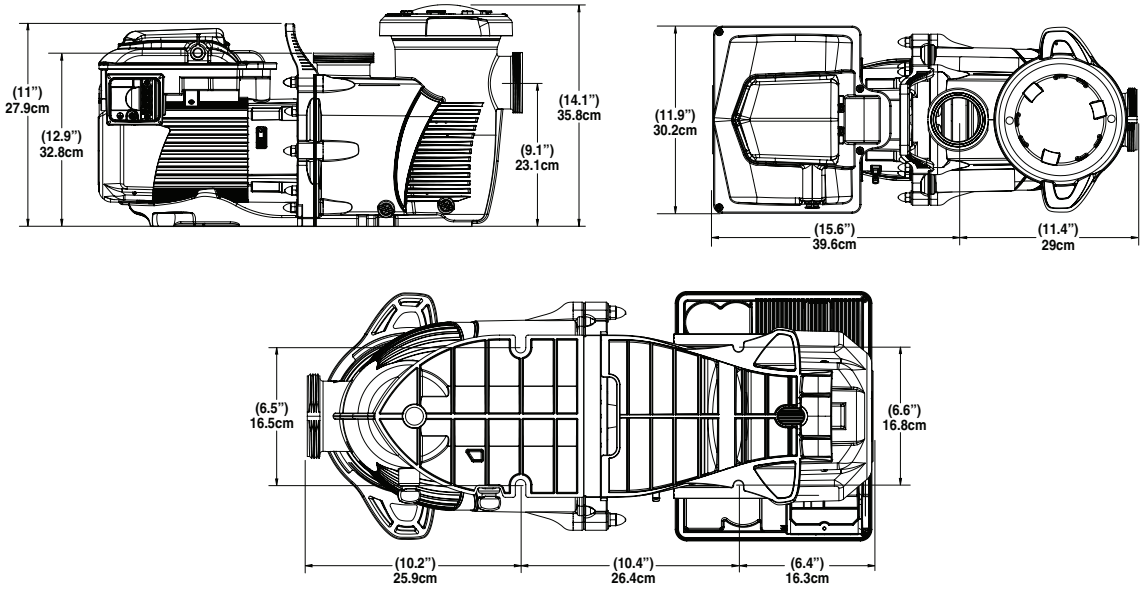
SEE PAGE 427 FOR REPLACEMENT PARTS

WHISPERFLOXF VS

COMMERCIAL VARIABLE SPEED PUMP (CONT'D)

Dimensions and Performance





CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov. PIN:200174.A

SEE PAGE 427 FOR REPLACEMENT PARTS

MAX-E-PROXF® VS

COMMERCIAL VARIABLE SPEED PUMP

STA-RITE TRADEGRADE

Max-E-ProXF VS Pump

Variable speed pump that runs on single-phase or three-phase power. It's economical, combined motor/drive solution for HMAC (hotel, motel, apartment, condominum) or large residential installations, providing sophisticated, energy-saving pump technology without the high costs typically associated with independent pump/external drive setups.

Featured Highlights

- Integrated 5HP motor/drive; no expensive external drive required
- Versatile power input capability; runs off a wide range of single- or three-phase power
- Speed or flow control for greater efficiency and pool performance*
- External control capability through automation systems or relays
- Intuitive programming and operation
- Meets commercial codes and agency requirements

Ordering Information

Product	THP	WEF	HHP	Service Factor	Voltage	Frequency	Current	Port Size	Weight	Certifications[3]
MAX-E-PROXF VARIABLE SPEED										
023035	5.0	5.0	2.09	1.00	Single-Phase: 208-230/277-460 Three-Phase: 208-460	50/60	Single-Phase: 20-21/17-11 Three-Phase: 13-6	2.5" x 2.5" or 3" x 3"	95	UL[1], NSF[2]
ACCESSORIES										
356324Z	RS-485 Automation Wiring Kit, 25 ft.									
400012	XF Riser Base - Simplies installation of XF-series pumps in application where Challenger Pumps are being replaced.									

[1] 'UL' indicates that pump bears a UL mark signifying evaluation to U.S. Standards UL1081 for Permanently Connected Swimming Pool and Spa Pumps and to Canadian Standards CAN/CSA C22.2 No. 108-01 Liquid Pumps For Swimming Pools Only (Enclosure 3).

[2] 'NSF' indicates that pump bears a mark signifying evaluation to NSF Standard 50 For Self-Priming Centrifugal Pumps For Swimming Pools, Spas and Hot Tubs.

[3] Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

*When connected to Pentair's inline 4-20mA flowmeter for 3" plumbing (P/N 97014-4203KIT–sold separately), or similar 4-20mA flowmeters, this pump is capable of maintaining a constant flow based on the needs of your pool system. To connect the flowmeter and pump, the digital input cable provided in the External Control Wiring Kit (P/N 356324Z sold separately) is required.

CALIFORNIA PROPOSITION 65 WARNING

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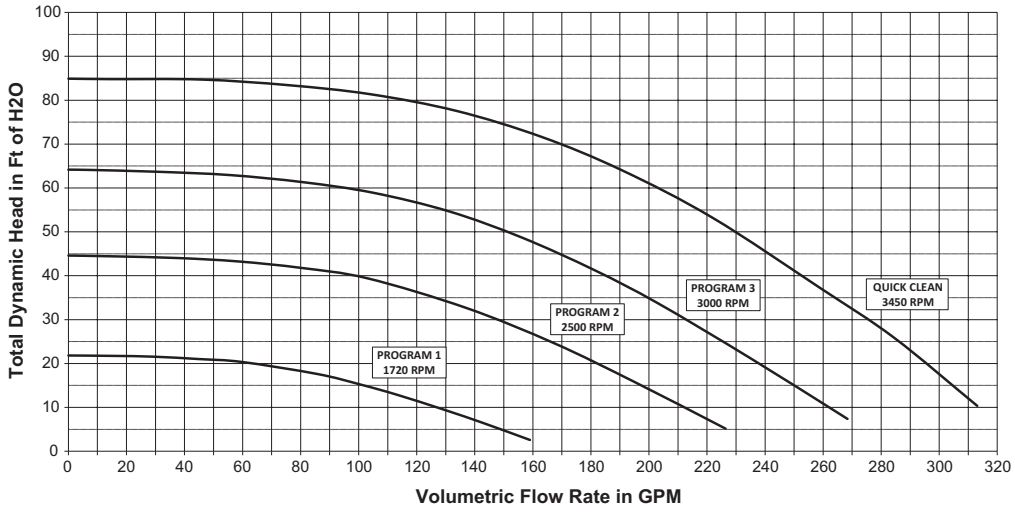
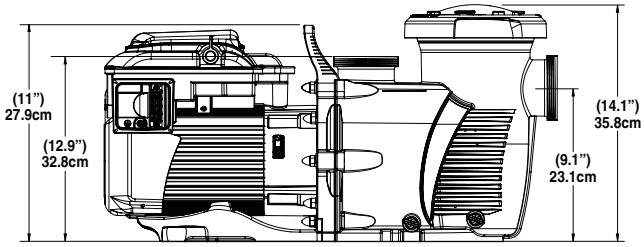
SEE PAGE 427 FOR REPLACEMENT PARTS

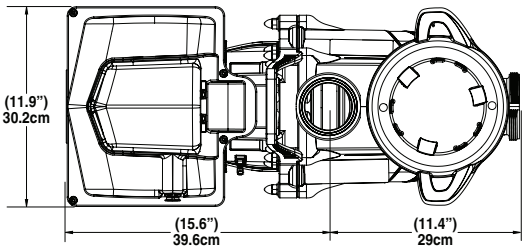
MAX-E-PROXF® VS

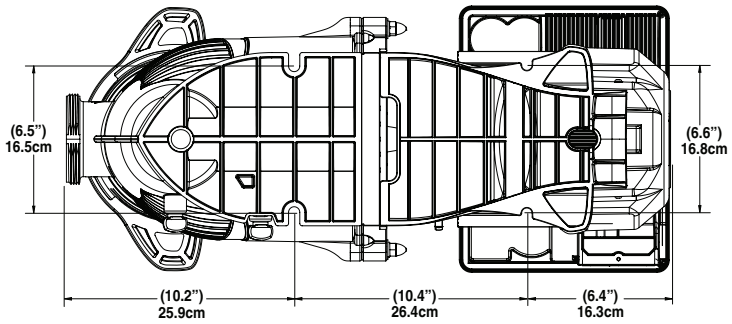
COMMERCIAL VARIABLE SPEED PUMP (CONT'D)

Dimensions and Performance









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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov. P/N 2007747-A

SEE PAGE 427 FOR REPLACEMENT PARTS

COMMERCIAL ACU DRIVE™ XS
VARIABLE FREQUENCY DRIVE

Featured Highlights

- Save up to 60% or more on pump's electricity usage*
- "Right-size" your pump to the exact flow required
- Helps save energy with constant flow as the filters get dirty (with optional flow sensor)
- Off-hour flow management capability
- Does not blow corrosive filter-room air across the circuitry
- High efficiency up to 98% – adjusts drive input voltage for best efficiency point
- Eliminates need for motor starters
- Integrated disconnects, fusing and optional bypasses
- 2-step ramps (Soft Start Feature)
- Real-time clock for time based functions
- Great match for 3-phase models of EQ Series® Pumps
- Overload trip protection helps protect motor and Acu Drive XS VF Drive from Voltage Spikes and phase unbalance
- Can connect to an IntelliTouch® Automation System
- 3-year manufacturers warranty, Optional 6-year warranty available
- Optional: Factory Start-up upgrade available
- Indoor & Outdoor-rated enclosures
- One drive type for the full power range
- For use with 3 phase pumps only
- Acu Drive XS VF Drives with single phase input power available

The Acu Drive XS VF Drive offers built-in intelligence for increased performance in all aquatic pump applications. Specified for energy and cost savings, the Acu Drive XS VF Drive offers a fast return on investment. The Acu Drive XS VF Drive allows the pump to run at its most efficient point on the curve. Preventative maintenance costs may drop due to motor protection, motor soft start, and a significant decrease in water hammer protecting the shaft and impeller. Up to an additional 5% savings due to the Acu Drive XS VF Drive's ability to balance power phase and harmonic suppression. Built with powerful standard and optional features specifically designed for energy optimization, the Acu Drive XS VF Drive is perfectly matched with the full line of Pentair Commercial pumps.

CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
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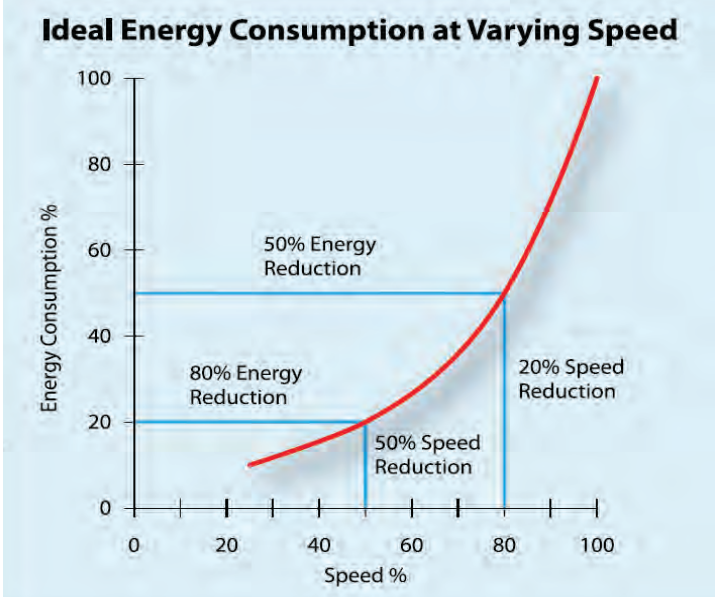
Affinity Law
Significant Energy Savings are achieved with even a modest reduction in speed



*Savings based on single speed pool pumps traditionally configured without VFD's, up to 20% larger than actual required flow and head pressure. Actual savings may vary based on local utility rates, pool size, pump run time, pump horsepower, pump RPM, plumbing size and length, pump model, service factor and other hydraulic factors.

SEE PAGE 427 FOR REPLACEMENT PARTS

COMMERCIAL ACU DRIVE™ XS

VARIABLE FREQUENCY DRIVE (CONT'D)

Ordering Information

3-PHASE INCLUDES FUSED DISCONNECT, BATTERY BACKUP, & PENTAIR SMART START*						
Horse Power (HP)	NEMA-12 RATED (IP 54/55)			NEMA-4X RATED (IP 66)		
	200-240 VAC	360-480 VAC	525-600 VAC	200-240 VAC	360-480 VAC	525-600 VAC
3	AD030X-2303-N12	AD030X-4603-N12	AD030X-5753-N12	AD030X-2303-N4X	AD030X-4603-N4X	AD030X-5753-N4X
5	AD050X-2303-N12	AD050X-4603-N12	AD050X-5753-N12	AD050X-2303-N4X	AD050X-4603-N4X	AD050X-5753-N4X
7-1/2	AD075X-2303-N12	AD075X-4603-N12	AD075X-5753-N12	AD075X-2303-N4X	AD075X-4603-N4X	AD075X-5753-N4X
10	AD100X-2303-N12	AD100X-4603-N12	AD100X-5753-N12	AD100X-2303-N4X	AD100X-4603-N4X	AD100X-5753-N4X
15	AD150X-2303-N12	AD150X-4603-N12	AD150X-5753-N12	AD150X-2303-N4X	AD150X-4603-N4X	AD150X-5753-N4X
20	AD200X-2303-N12	AD200X-4603-N12	AD200X-5753-N12	AD200X-2303-N4X	AD200X-4603-N4X	AD200X-5753-N4X
25	AD250X-2303-N12	AD250X-4603-N12	AD250X-5753-N12	AD250X-2303-N4X	AD250X-4603-N4X	AD250X-5753-N4X

SINGLE-PHASE INPUT DRIVES (FOR USE WITH 3-PHASE PUMPS ONLY) INCLUDES STANDARD DISCONNECT ONLY (NO FUSES), BATTERY BACKUP, & PENTAIR SMART START*		
Horse Power (HP)	NEMA-12 RATED (IP 54/55) 200-240 VAC	NEMA-4X RATED (IP 66) 200-240 VAC
3	AD030X-2301-N12	AD030X-2301-N4X
5	AD050X-2301-N12	AD050X-2301-N4X
7-1/2	AD075X-2301-N12	AD075X-2301-N4X
10	AD100X-2301-N12	AD100X-2301-N4X
15 - 20	AD200X-2301-N12	AD200X-2301-N4X

For 30HP and higher - Please contact factory.

3-PHASE Units available with Optional Bypass Contactor mounted to common back plate. Please contact factory.

*Startup Services

CERTIFIED START-UP ASSISTANCE BY TRAINED TECHNICIANS IS AVAILABLE FOR PURCHASE WITH ALL ACU DRIVE VFD's. USE PRODUCT NUMBERS AS FOLLOWS:	
AD-SUFW01	Batch Startup for 4-6 standard drives (8 hr. onsite / day)

Optional Accessories and Warranties

"ENHANCED SERVICE WARRANTY - ON SITE* INCLUDES PARTS, LABOR, TRAVEL AND ON-SITE WARRANTY REPAIR. USE PRODUCT NUMBERS AS FOLLOWS:"				
	200-240 VAC		360-480 VAC	
DURATION	3 HP & Below	5–25 HP	10 HP & Below	15-40 HP
6 YEARS	AD-EWW172	AD-EWW272	AD-EWW172	AD-EWW272

Flow Sensor Options

ACU DRIVE XS - FLOW SENSOR KITS				
Pipe Size (inches)	NEMA-12 RATED (IP 54/55)		NEMA-4X RATED (IP 66)	
	200-240 VAC	525-600 VAC	200-240 VAC	525-600 VAC
2"	97014-4202KIT	Includes: • Sch80 PVC Clamp-on Pipe Saddle. • 100 linear feet shielded signal wire. • Strain relief connector. Does not include separate wall-mount flow display.	—	Includes: • Sch80 PVC Clamp-on Pipe Saddle(3"-8"). • Iron Saddle (10"-14"). • 100 linear feet shielded signal wire. • Strain relief connector. Separate wall-mount flow display/transmitter.
3"	97014-4203KIT		97014BL-03KIT	
4"	97014-4204KIT		97014BL-04KIT	
6"	97016-4206KIT		97016BL-06KIT	
8"	97016-4208KIT		97016BL-08KIT	
10"	—		97020BL-10KIT	
12"	—		97020BL-12KIT	
14"	—		97020BL-14KIT	

*Additional charges will apply if on-site start-up exceeds four hours (including round-trip travel) per Acu Drive XS Drive.

Other options and add-ons are available including "Bypass Contactors", and "Contact Motor Select" upgrades, and additional on-site technical training. For more information on these options, other sizes, or applications assistance call 1-800-831-7133.

Some pump motors (e.g. 230/460V versions) can be wired to accommodate multiple voltages. This is not true of VFDs. In order to ensure proper VFD selection, the actual pump motor input voltage must be consistent with the drives operating range as shown.

The Acu Drive VF Drive is recommended for use with all “High” or “Premium” efficiency motors and all motors that have Class F insulation or better. For all non-Class F motors, please contact the factory for proper selection of Acu Drive XS Drive and accessories.

Standard Acu Drive XS VF Drives can be returned within 12 months of invoice only if unused, in original packaging, and subject to a 35% restocking charge. Special drives are non-returnable.

Nema Rated 12 enclosure provides protection against dust, dirt and light splashing. Nema Rated 12 units may be used outdoors when sheltered from direct precipitation and sunlight.

Nema Rated 4X enclosure provides a degree of protection against solid foreign objects(windblown dust), water(rain, sleet, snow, splashing water, and hose directed water), and an additional level of protection against corrosion; and that will be undamaged by the external formation of ice on the enclosure.

CALIFORNIA PROPOSITION 65 WARNING

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SEE PAGE 427 FOR REPLACEMENT PARTS

EQ SERIES®

COMMERCIAL PLASTIC PUMP WITH AND WITHOUT HAIR AND LINT STRAINER

EQ Series TEFC Pump with Strainer

EQ Series Pump without Strainer

Commercial Plastic pump built specifically for commercial and large residential pools. Pump features electrical and hydraulic designs that helps reduce wear and tear on critical moving parts, and is lightweight for ease of installation.

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P/N 350174.A

Featured Highlights

- Efficiency 3-phase motors
- Commercial grade, non-corrosive Plastic Parts for durability and long life
- Now available in TEFC and ODP 3-phase motor options
- Cam and Ramp™ See -Through Lid
- Self-priming with Hair and Lint Strainer
- Light weight
- 3-phase models compatible with Acu Drive™ XS VF Drive
- Drop-in replacement for C Series® and CSP Series™ Pumps
- Waterfall models great for low head, high flow applications
- Easy cleaning and serviceability
- 50 Hz models available -contact factory

Ordering Information

Product	Description	Voltage	Amps	HP	SF	SFHP	Primary Listings and Certifications [6]	Port Size (ANSI Flange)	Motor Class	Carton Wt. (Lbs.)	Curve Key
NEMA RATED PREMIUM EFFICIENCY THREE PHASE POOL PUMP WITHOUT STRAINER - TEFC											
▶340608	EQKT-500	208-230/460	13.4-12.2/6.1	5	1.25	6.25	NSF [2], UL [7]	6 in x 4 in	F	97	D
▶340609	EQKT-750	208-230/460	19.9-17.8/8.9	7.5	1.25	9.38	NSF [2], UL [7]	6 in x 4 in	F	117	E
▶340610	EQKT-1000	208-230/460	26.4-23.5/11.7	10	1.25	12.50	NSF [2], UL [7]	6 in x 4 in	F	163	F
▶340611	EQKT-1500	208-230/460	39.0-36.0/18.0	15	1.25	18.75	NSF [2], UL [8]	6 in x 4 in	F	177	G
NEMA RATED PREMIUM EFFICIENCY THREE PHASE POOL PUMP WITHOUT STRAINER - 575 VOLT - ODP											
▶340148	EQK-500	575	5.1	5	1.15	5.75	NSF [2]	6 in. x 4 in.	F	77	D
▶340149	EQK-750	575	7.2	7.5	1.15	8.63	NSF [2]	6 in. x 4 in.	F	87	E
▶340150	EQK-1000	575	10.2	10	1.15	11.50	NSF [2]	6 in. x 4 in.	F	117	F
▶340151	EQK-1500	575	15.0	15	1.15	17.25	NSF [2]	6 in. x 4 in.	F	132	G
PREMIUM EFFICIENCY SINGLE PHASE POOL PUMP WITH STRAINER - ODP											
▶340030	EQ-500	230	20.0	5	1.15	5.75	NSF [3], ETL [5]	6 in. x 4 in.	F	126	A
▶340032	EQ-750	230	30.4	7.5	1.15	8.63	NSF [3]	6 in. x 4 in.	F	161	B
▶340238	EQ-1000	230	40.0	10	1.15	11.50	NSF [3]	6 in. x 4 in.	F	160	C
NEMA RATED PREMIUM EFFICIENCY THREE PHASE POOL PUMP WITH STRAINER - ODP											
▶340031	EQK-500	208-230/460	13.5-12.3/6.2	5	1.15	5.75	NSF [3]	6 in. x 4 in.	F	106	D
▶340033	EQK-750	208-230/460	20.1-18.3/9.1	7.5	1.15	8.63	NSF [3]	6 in. x 4 in.	F	116	E
▶340034	EQK-1000	208-230/460	27.0/26.2-13.1	10	1.15	11.50	NSF [3]	6 in. x 4 in.	F	146	F
▶340035	EQK-1500	208-230/460	40.0-36.0/17.8	15	1.15	17.25	NSF [3]	6 in. x 4 in.	F	161	G
NEMA RATED PREMIUM EFFICIENCY THREE PHASE POOL PUMP WITH STRAINER - TEFC											
▶340604	EQKT-500	208-230/460	13.4-12.2/6.1	5	1.25	6.25	NSF [3], UL [7]	6 in x 4 in	F	127	D
▶340605	EQKT-750	208-230/460	19.9-17.8/8.9	7.5	1.25	9.38	NSF [3], UL [7]	6 in x 4 in	F	147	E
▶340606	EQKT-1000	208-230/460	26.4-23.5/11.7	10	1.25	12.50	NSF [3], UL [7]	6 in x 4 in	F	193	F
▶340607	EQKT-1500	208-230/460	39.0-36.0/18.0	15	1.25	18.75	NSF [3], UL [8]	6 in x 4 in	F	207	G

▶ This product either meets or is exempt from the DOE Dedicated Purpose Pool Pump regulation. This product will remain available after the DOE regulation takes effect in July 2021.

SEE PAGE 427 FOR REPLACEMENT PARTS

EQ SERIES®

COMMERCIAL PLASTIC PUMP WITH AND WITHOUT HAIR AND LINT STRAINER (CONT'D)

Product	Description	Voltage	Amps	HP	SF	SFHP	Primary Listings and Certifications [6]	Port Size (ANSI Flange)	Motor Class	Carton Wt. (Lbs.)	Curve Key
NEMA RATED PREMIUM EFFICIENCY THREE PHASE POOL PUMP WITH STRAINER - ODP - 575 VOLT											
▸340155	EQK-500	575	5.1	5	1.15	5.75	NSF [3]	6 in. x 4 in.	F	106	D
▸340156	EQK-750	575	7.2	7.5	1.15	8.63	NSF [3]	6 in. x 4 in.	F	116	E
▸340157	EQK-1000	575	10.2	10	1.15	11.50	NSF [3]	6 in. x 4 in.	F	146	F
▸340159	EQK-1500	575	15.0	15	1.15	17.25	NSF [3]	6 in. x 4 in.	F	161	G
HAIR AND LINT STRAINER WITH CAM AND RAMP LID, BASKET AND HARDWARE											
340013	EQ 6X6 Strainer						NSF [4]	6 in. x 6 in.		33	J
EQ SERIES PUMP ACCESSORIES FLANGE ASSEMBLY KITS											
357262	Flange 4 in. w/ gasket and SS hardware [1] **(See images on next page)**									20	
357263	Flange 6 in. w/ gasket and SS hardware [1] **(See images on next page)**									23	
357212	Flange 6 in. w/ gasket and SS hardware. **For use on EQ Pumps without Strainer.**									23	

[1] Thermoplastic PVC socket style.

[2] 'NSF' indicates that pump bears a mark signifying evaluation to NSF Standard 50 For Non Self-Priming Centrifugal Pumps For Swimming Pools, Spas and Hot Tubs.

[3] 'NSF' indicates that pump bears a mark signifying evaluation to NSF Standard 50 For Self-Priming Centrifugal Pumps For Swimming Pools, Spas and Hot Tubs.

[4] 'NSF' indicates that product bears a mark signifying evaluation to NSF Standard 50 For Materials and Components.

[5] 'ETL' indicates that pump bears a specific ETL mark signifying evaluation to U.S. Standards UL1081 for Permanently Connected Swimming Pool and Spa Pumps and to Canadian Standards CAN/CSA C22.2 No. 108-01 Liquid Pumps For Swimming Pools And Spas. (Enclosure 3).

[6] Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

[7] 'UL' indicates that pump bears a UL mark signifying evaluation to U.S. Standards UL1081 for Permanently Connected Swimming Pool and Spa Pumps and to Canadian Standards CAN/CSA C22.2 No. 108-01 Liquid Pumps For Swimming Pools Only (Enclosure 3).

[8] 'UL' indicates that pump bears a UL mark signifying evaluation to U.S. Standards UL1081 for Permanently Connected Swimming Pool and Spa Pumps.

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Dimensions and Performance – See next page.

▸This product either meets or is exempt from the DOE Dedicated Purpose Pool Pump regulation. This product will remain available after the DOE regulation takes effect in July 2021.

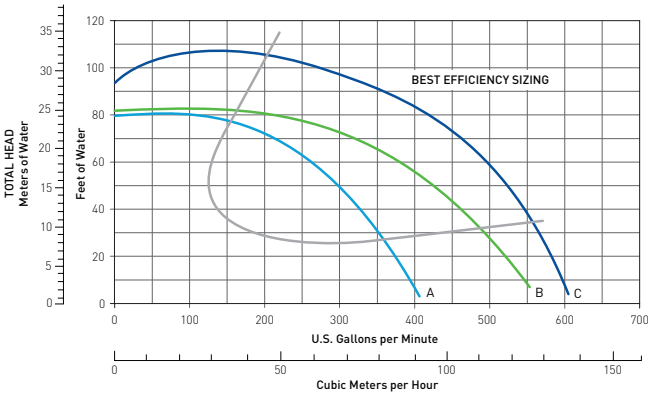
SEE PAGE 427 FOR REPLACEMENT PARTS

EQ SERIES®

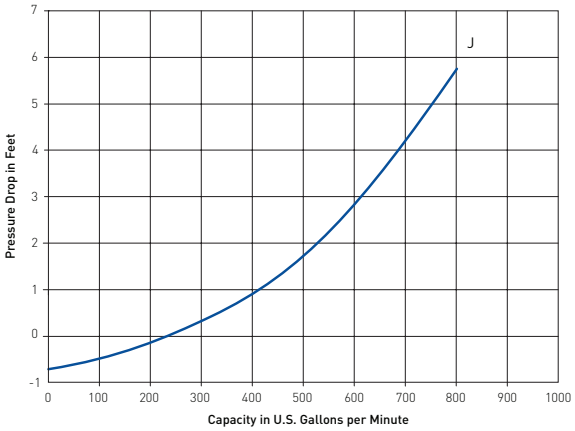
COMMERCIAL PLASTIC PUMP WITH AND WITHOUT HAIR AND LINT STRAINER (CONT'D)

Dimensions and Performance

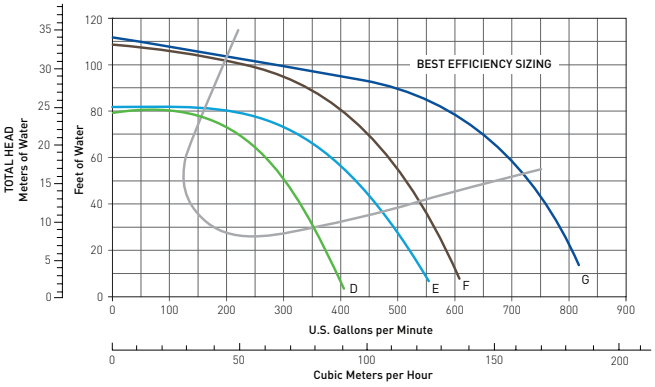
Single Phase Pumps - EQ Models



EQ Strainer Only



Three Phase Pumps - EQK Models



For detailed efficiency curves go to www.pentaircommercial.com

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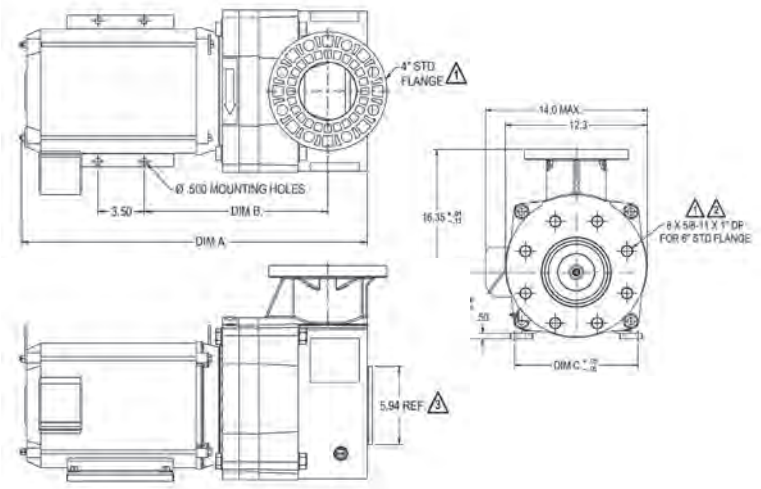
SEE PAGE 427 FOR REPLACEMENT PARTS

EQ SERIES®

COMMERCIAL PLASTIC PUMP WITH AND WITHOUT HAIR AND LINT STRAINER (CONT'D)

Dimensions and Performance

EQ Series Commercial Pump without Strainer



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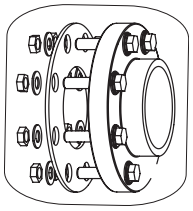
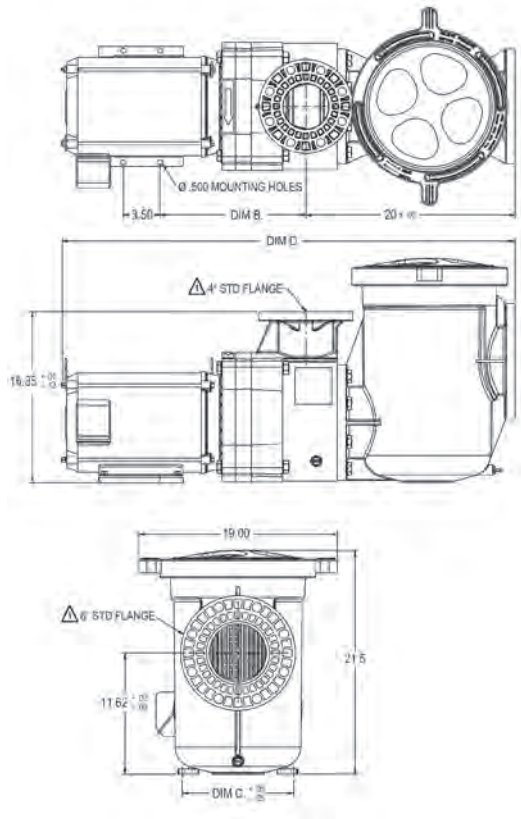
EQ Series Pump Flange Assembly Kit



EQ Series Commercial Pump with Strainer



Product No W/O Pot	Product No. W/ Pot	Dim A*	Dim B*	Dim C*	Dim D*
340014	340026	26.62	13.32	9.69	43.59
340017	340028	26.62	14.21	9.69	43.59
340019	340030	26.62	13.32	9.69	43.59
340021	340032	27.53	14.21	10.69	44.59
340237	340238	26.94	14.03	10.69	43.92
340016	340027	23.12	13.32	9.69	40.09
340018	340029	23.12	13.32	9.69	40.09
340020	340031	23.12	13.32	9.69	40.09
340022	340033	24.50	13.32	9.69	41.56
340023	340034	26.31	14.38	10.69	43.29
340024	340035	26.31	14.38	10.69	43.29
340148	340155	24.62	13.32	7.50	41.59
340149	340156	24.62	13.32	7.50	41.59
340150	340157	26.31	14.07	8.50	43.29
340151	340159	26.31	14.07	8.50	43.29
340608	340604	24.52	13.48	9.69	41.50
340609	340605	26.52	14.19	10.69	43.50
340610	340606	28.02	14.19	10.69	45.00
340611	340607	28.02	14.19	10.69	45.00
340086	340082	24.62	13.48	9.69	41.59
340085	340081	24.62	13.48	9.69	41.59
340084	340080	28.31	14.19	10.69	45.29
340083	340049	28.31	14.19	10.69	45.29
340048	340046	28.31	14.19	10.69	45.29
340047	340045	28.31	14.19	10.69	45.29

*** This value may vary slightly depending upon manufacturer and motor design.**

△2 FASTENERS AND O-RING ARE INCLUDED WITH PENTAIR POOL PRODUCTS EQ 6X6 STRAINER TO CONNECT STRAINER DIRECTLY TO EQ SERIES PUMP. IF PUMP IS TO BE INSTALLED WITHOUT STRAINER MAKE BOTH CONNECTIONS PER NOTE 1.

△1 USE ANSI CLASS 150 PLASTIC FLANGE AND 1/8 in. THICK CLASS 150 FULL FLANGE GASKET TO MAKE CONNECTION.

△3 THIS DIAMETER FITS INSIDE 6 in. SCH 40 PIPE. DO NOT USE SCH 80 PIPE AS FINAL PIPE SIZE WHEN MAKING THIS FLANGE CONNECTION.

SEE PAGE 427 FOR REPLACEMENT PARTS

C SERIES®

COMMERCIAL BRONZE PUMPS

C Series Commercial Bronze Pump

Bronze volute and pot, coated cast iron foot, flanged connections, 6 in. suction, 4 in. discharge.

Featured Highlights

- Large commercial pump with s/s basket
- Easy serviceability
- All-bronze construction for strength and durability
- 6 in. suction and 4 in. discharge for maximum capabilities
- Heavy-gauge stainless steel strainer basket with an open area 5 times the area of the suction port
- Closed impeller for longer motor bearing life
- Heat-resistant seal capable of operation at up to 150°
- Available in single and three-phase, 50 and 60-Hertz models
- For 200-208v applications order 200-208v model pump

Ordering Information

Product	Description	Voltage	Amps	HP	SF	SFHP	Primary Listings and Certifications [2]	Motor Class	Port Size (ANSI Flange)	Carton Wt. (Lbs.)	Curve Key
NEMA RATED STANDARD EFFICIENCY THREE PHASE 220/440V											
▸011657	CHK-50	220/440	13.0/6.5	5	1.15	5.75	NSF [1]	F	6 in. x 4 in.	336	A
▸011658	CHK-75	220/440	18.4/9.2	7-1/2	1.15	8.63	NSF [1]	F	6 in. x 4 in.	349	B
▸011659	CHK-100	220/440	25.3/12.6	10	1.15	11.50	NSF [1]	B	6 in. x 4 in.	376	C
▸011660	CHK-150	220/440	37.5/18.8	15	1.15	17.25	NSF [1]	B	6 in. x 4 in.	398	D
▸011661	CHK-200	220/440	49.0/24.6	20	1.15	23.00	NSF [1]	F	6 in. x 4 in.	403	E

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www.p65warnings.ca.gov.

P/N 200174-A

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SEE PAGE 427 FOR REPLACEMENT PARTS

C SERIES®

COMMERCIAL BRONZE PUMPS (CONT'D) WITH HAIR AND LINT STRAINER

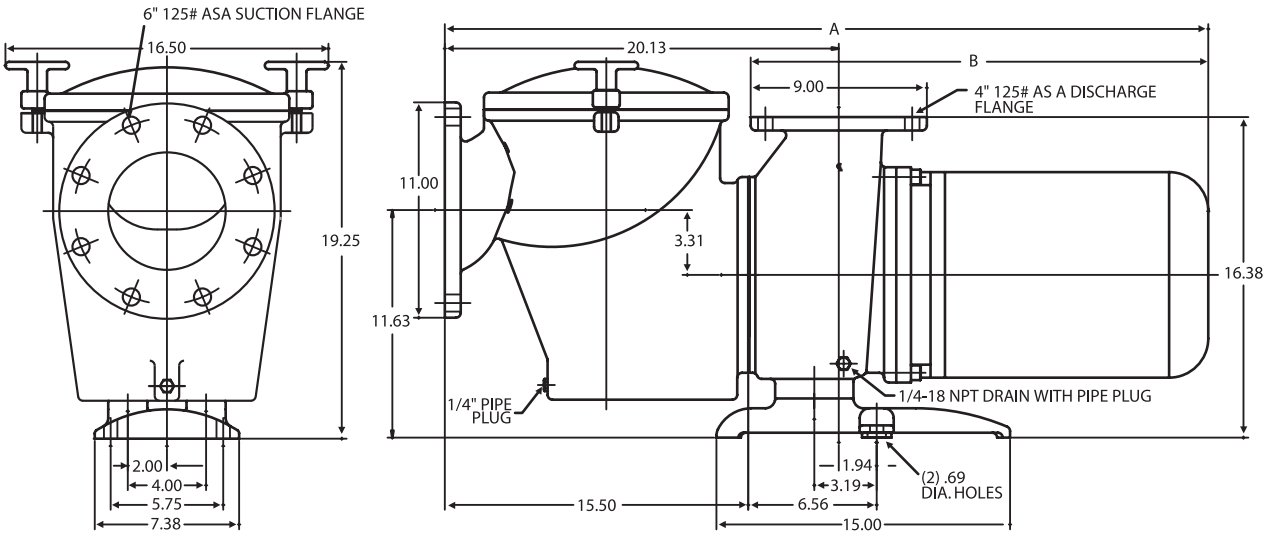
Product	Description	Voltage	Amps	HP	SF	SFHP	Primary Listings and Certifications [2]	Motor Class	Port Size (ANSI Flange)	Carton Wt. (Lbs.)	Curve Key
NEMA RATED STANDARD EFFICIENCY THREE PHASE 575V											
▸347967	CHK-50	575	5.6	5	1.15	5.75	NSF [1]	F	6 in. x 4 in.	336	A
▸347935	CHK-200	575	19.5	20	1.15	23.00	NSF [1]	F	6 in. x 4 in.	406	E
NEMA RATED STANDARD EFFICIENCY THREE PHASE 380-415V- 50 HZ											
▸014884	CHKL-200	380-415	28.0-26.0	20	1.15	23.00	NSF [1]	F	6 in. x 4 in.	403	

▸ This product either meets or is exempt from the DOE Dedicated Purpose Pool Pump regulation. This product will remain available after the DOE regulation takes effect in July 2021.

[1] "NSF" indicates that pump has bee certified to NSF/ANSI 50, the Standard for Equipment for swimming pools, spas, hot tubs and other recreational water features.

[2] Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

Dimensions and Performance



PUMP DIMENSIONS THREE-PHASE AMPS @ 220/440 & 380/415 V			
HP	AMPS	A	B
5	14	34.88	19.50
7.5	20	35.88	20.50
10	26	36.88	22.50
15	38	37.38	22.00
20	46	37.88	23.50

PUMP DIMENSIONS SINGLE-PHASE AMPS @ 230 VOLTS			
HP	AMPS	A	B
5	26	35.50	20.50
7.5	37	35.88	20.50

PUMP DIMENSIONS SINGLE-PHASE AMPS @ 200 VOLTS			
HP	AMPS	A	B
5	29	35.50	20.50
7.5	39.6	35.88	20.50

NOTES:

1. BOTH "A" AND "B" DIMENSIONS ARE APPROXIMATE IT DEPENDS ON MOTOR MANUFACTURER.
2. ALL DIMENSIONS ARE IN INCHES AND MAY VARY ± .25.

CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
⚠ **AVERTISSEMENT:** Peut Causer le Cancer et des Dommages au Système Reproducteur.
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov. P/N 20017A

SEE PAGE 427 FOR REPLACEMENT PARTS

C SERIES®

COMMERCIAL BRONZE PUMPS (CONT'D) WITHOUT HAIR AND LINT STRAINER

C Series Commercial Bronze Pump without Hair and Lint Strainer

Featured Highlights

- High-performance motors for maximum flow
- All-bronze construction for strength and durability
- 5 in. suction and 4 in. discharge for maximum capabilities
- Closed impeller for longer motor bearing life
- Heat-resistant seal capable of operation at up to 150°
- Available in single and three-phase, 50 and 60-hertz models
- For 200-208v applications order 200-208v model pump

Ordering Information

Product	Description	Voltage	Amps	HP	SF	SFHP	Primary Listings and Certifications [3]	Motor Class	Port Size (ANSI Flange)	Carton Wt. (Lbs.)	Curve Key
C SERIES & AURORA PUMP ACCESSORIES FLANGE ASSEMBLY KITS											
357260	Flange 5 in. w/ gasket and SS hardware [1] for pump less strainer									22	
357262	Flange 4 in. w/ gasket and SS hardware [1]									20	
357263	Flange 6 in. w/ gasket and SS hardware [1]									23	

▶ This product either meets or is exempt from the DOE Dedicated Purpose Pool Pump regulation. This product will remain available after the DOE regulation takes effect in July 2021.

[1] Thermoplastic PVC socket style

[2] 'NSF(1)' indicates that pump bears a mark signifying evaluation to NSF Standard 50 For Non Self-Priming Centrifugal Pumps For Swimming Pools, Spas and Hot Tubs.

[3] Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
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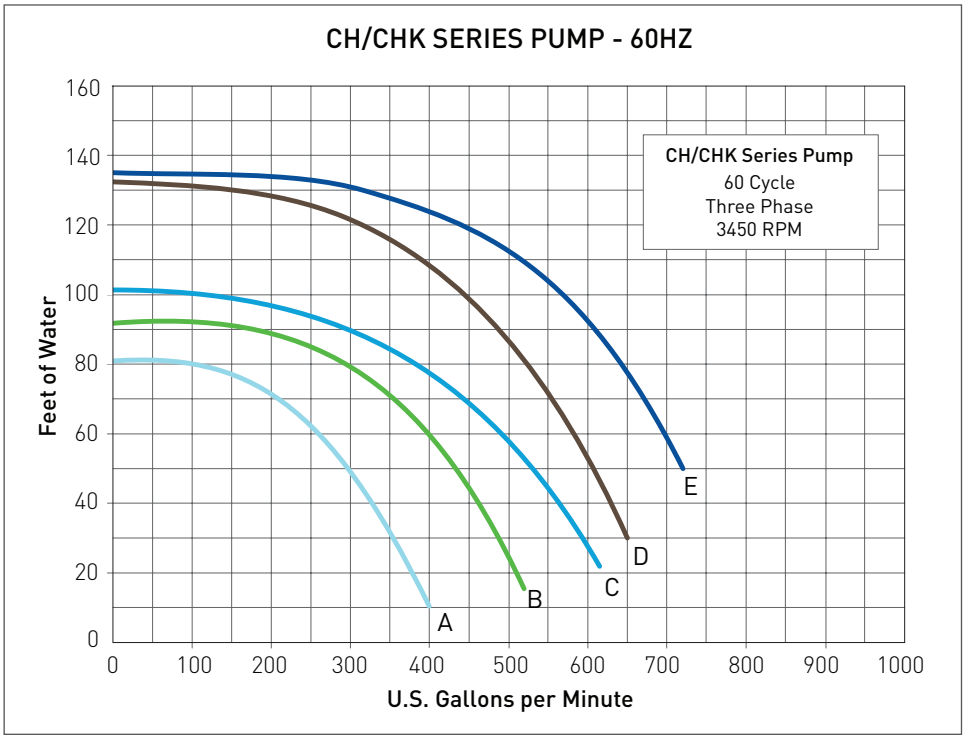
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov. PIN 2007R-A

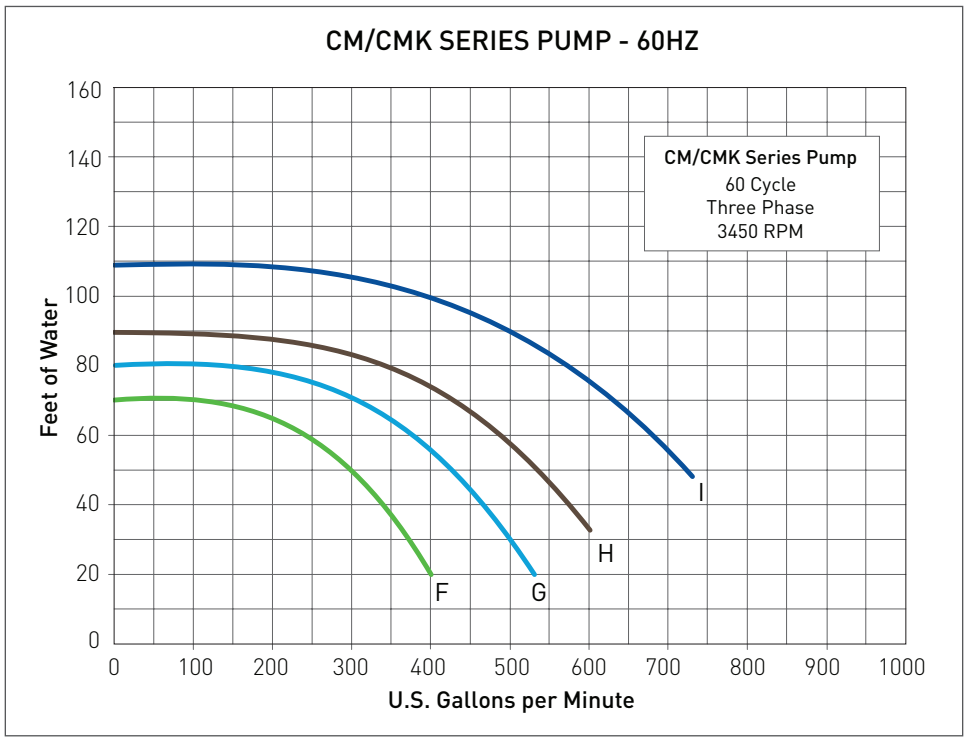
SEE PAGE 427 FOR REPLACEMENT PARTS

C SERIES®

COMMERCIAL BRONZE PUMPS (CONT'D) WITH HAIR AND LINT STRAINER

Dimensions and Performance





For detailed efficiency curves go to www.pentaircommercial.com

CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov.

SEE PAGE 427 FOR REPLACEMENT PARTS

CSP/CCSP SERIES™

COMMERCIAL SELF-PRIMING PUMP

STA-RITE

CSP/CCSP Series Commercial Self-Priming Pump with PKG 184 Strainer (sold separately)

CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
⚠ **AVERTISSEMENT:** Peut Causer le Cancer et des Dommages au Système Reproducteur.
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov. P/N 201714.A

Featured Highlights

- Especially designed for commercial and public swimming pools and spas, aquatic facilities, water parks, and fountain applications where high performance and self-priming are required
- Pump has enclosed bronze impeller and standard 6 in. x 4 in. A.N.S.I. rated flange connections
- The pump strainer (order separately) has capacity of 1,100 cubic inches. Both pump and strainer can be ordered with optional epoxy coated castings to provide additional performance and corrosion resistance

Ordering Information

Product	Voltage	Amps [1]	HP	SF	SFHP	Primary Listings and Certifications [4]	Port Size (ANSI Flange)	Carton Wt. (Lbs.)	Curve Key
NEMA RATED STANDARD EFFICIENCY SINGLE PHASE EPOXY COATED CAST IRON									
▸CCSPHK-142	230	39	7.5	1.15	8.63	NSF [2]	6 in. x 4 in.	270	E
▸CCSPHL-143	230	46	10	1.15	11.50	NSF [2]	6 in. x 4 in.	275	F
NEMA RATED STANDARD EFFICIENCY THREE PHASE CAST IRON									
▸CSPHK3-142	230/460	21.2-19.2/9.6	7-1/2	1.25	9.38	NSF [2]	6 in. x 4 in.	265	A
▸CSPHL3-143	230/460	27.6-24.4/12.2	10	1.25	12.50	NSF [2]	6 in. x 4 in.	270	B
▸CSPHM3-144	230/460	44.2-40/20	15	1.25	18.75	NSF [2]	6 in. x 4 in.	280	C
▸CSPHN3-145	230/460	55.3-50/25	20	1.25	25.00	NSF [2]	6 in. x 4 in.	325	D
NEMA RATED STANDARD EFFICIENCY THREE PHASE CAST IRON - 200V [6]									
▸CSPH2K3-142	200	22.1	7-1/2	1.15	8.63	NSF [2]	6 in. x 4 in.	265	A
▸CSPH2L3-143	200	28.1	10	1.25	12.50	NSF [2]	6 in. x 4 in.	270	B
▸CSPH2M3-144	200	42.3	15	1.25	18.75	NSF [2]	6 in. x 4 in.	280	C
▸CSPH2N3-145	200	57.3	20	1.25	25.00	NSF [2]	6 in. x 4 in.	350	D
NEMA RATED STANDARD EFFICIENCY THREE PHASE EPOXY COATED CAST IRON									
▸CCSPHK3-142	230/460	21.2-19.2/9.6	7-1/2	1.25	9.38	NSF [2]	6 in. x 4 in.	265	E
▸CCSPHL3-143	230/460	27.6-24.4/12.2	10	1.25	12.50	NSF [2]	6 in. x 4 in.	270	F
▸CCSPHM3-144	230/460	44.2-40/20	15	1.25	18.75	NSF [2]	6 in. x 4 in.	280	G
▸CCSPHN3-145	230/460	55.3-50/25	20	1.25	25.00	NSF [2]	6 in. x 4 in.	325	H
NEMA RATED STANDARD EFFICIENCY THREE PHASE EPOXY COATED CAST IRON - 200 V [6]									
▸CCSPH2K3-142	200	22.1	7-1/2	1.15	8.63	NSF [2]	6 in. x 4 in.	265	E
▸CCSPH2L3-143	200	28.1	10	1.25	12.50	NSF [2]	6 in. x 4 in.	270	F
▸CCSPH2M3-144	200	42.3	15	1.25	18.75	NSF [2]	6 in. x 4 in.	280	G
▸CCSPH2N3-145	200	57.3	20	1.25	25.00	NSF [2]	6 in. x 4 in.	350	H
ACCESSORIES FOR CSP/CCSP SERIES									
PKG 184	Strainer for CSP/CCSP 6 in. ANSI flange (1,100 cu. in. capacity)					NSF [3]	6 in. x 6 in.	180	I
PKG 184C	Same as PKG 184 Except Strainer is Epoxy Coated					NSF [3]	6 in. x 6 in.	180	I
357262	Flange 4 in. w/ gasket and SS hardware [5]							20	
357263	Flange 6 in. w/ gasket and SS hardware [5]							23	

▸ This product either meets or is exempt from the DOE Dedicated Purpose Pool Pump regulation. This product will remain available after the DOE regulation takes effect in July 2021.

[1] Amp draw may vary depending on motor manufacturer.

[2] 'NSF(1)' indicates that pump bears a mark signifying evaluation to NSF Standard 50 For Self-Priming Centrifugal Pumps For Swimming Pools And Spas.

[3] 'NSF(2)' indicates that product bears a mark signifying evaluation to NSF Standard 50 For Materials and Components.

[4] Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

[5] Thermoplastic PVC socket style.

[6] For 208 volt applications, use 200v model options.

SEE PAGE 427 FOR REPLACEMENT PARTS

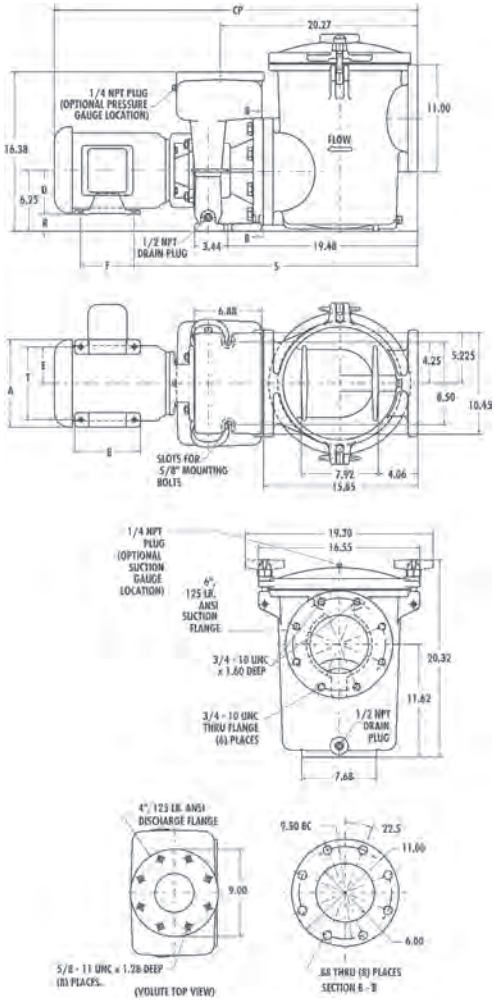
CSP/CCSP SERIES™

COMMERCIAL SELF-PRIMING PUMP (CONT'D)

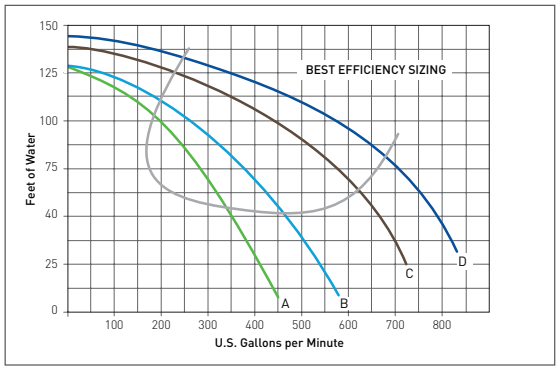
Featured Highlights

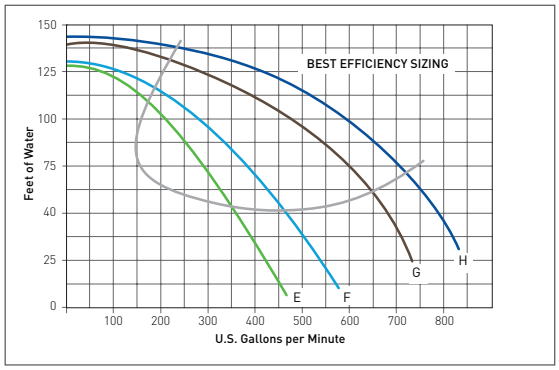
Options: CCSP Models feature special epoxy coated castings for maximum performance and corrosion resistance. 60 Hz T.E.F.C., 60 Hz premium efficiency, or 575 volt motors available. Inverter duty rated class F motors available for most models. Contact factory for details.

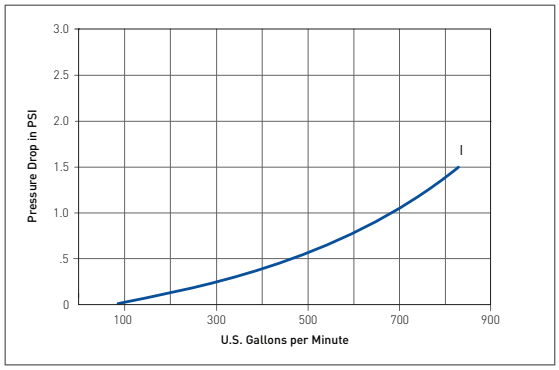
Note: Maximum ambient temperature for motor is 104°F (40°C). All pump motors require external overload protection (magnetic starter). Pump strainer must be ordered separately. Full load amps on motor model plate.



Dimensions and Performance







CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
⚠ **AVERTISSEMENT:** Peut Causer le Cancer et des Dommages au Système Reproducteur.
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov.

P/N 20074.A

Catalog Number	A	B	CP	D	E	F	R	S	T
CSPHK, CCSPHK	10.62	7.00	39.44	5.25	4.25	5.50	1.00	30.00	8.50
CSPHK3, CCSPHK3, CSPH2K3	9.00	6.75	40.31	4.50	3.75	5.50	1.75	29.13	7.50
CSPHL, CCSPHL	10.35	8.26	42.69	5.25	4.25	7.00	1.00	30.00	8.50
CSPHL3, CCSPHL3	10.62	7.00	41.00	5.25	4.25	5.50	1.00	30.00	8.50
CSPHM3, CCSPHM3	10.62	8.50	42.50	5.25	4.25	7.00	1.00	30.00	8.50
CSPH2L3, CSPH2M3	10.62	8.50	42.50	5.25	4.25	7.00	1.00	30.00	8.50
CSPHN3, CCSPHN3	12.50	10.80	46.75	6.25	5.00	8.20	0.00	31.62	10.00
CSPH2N3, CCSPH2N3	13.38	12.44	48.50	6.25	5.00	10.00	0.00	31.65	10.00

All dimensions shown in inches.

SEE PAGE 427 FOR REPLACEMENT PARTS

5CSP/5CCSP SERIES™

50 HERTZ COMMERCIAL SELF-PRIMING PUMP

5CSP/5CCSP Series Commercial Self-Priming Pump with PKG 184 Strainer Pot (sold separately)

Featured Highlights

- Especially designed for commercial and public swimming pools and spas, aquatic facilities, water parks, and fountain applications where high performance and self-priming are required
- Pump has enclosed bronze impeller and standard 6 in. x 4 in. A.N.S.I. flange connections
- The pump strainer (order separately) has capacity of 1,100 cubic inches. Both pump and strainer can be ordered with optional epoxy coated castings to provide additional performance and corrosion resistance

- **Note: 50 hertz pumps cannot be used in North America.**

Ordering Information

Product	Voltage	Amps [1]	HP	SF	SFHP	Primary Listings and Certifications [3]	Port Size (ANSI Flange)	Carton Wt. (Lbs.)	Curve Key
SINGLE PHASE CAST IRON WITHOUT STRAINER- 50 HZ									
▸5CSPHJ-142	220-240	35.5-32.5	5	1.00	5		6 in. x 4 in.	270	A
▸5CSPHK-143	220-240	43.0-39.4	7-1/2	1.00	7-1/2		6 in. x 4 in.	280	B
THREE PHASE CAST IRON WITHOUT STRAINER- 50 HZ									
▸5CSPHJ3-142	220-240/380-415	13.0/6.9	5	1.00	5		6 in. x 4 in.	260	A
▸5CSPHK3-143	220-240/380-415	20.7-21.5/12.0/12.4	7-1/2	1.00	7-1/2		6 in. x 4 in.	270	B
▸5CSPHL3-144	220-240/380-415	27.0-27.5/15.6-15.9	10	1.00	10		6 in. x 4 in.	280	C
▸5CSPHM3-145	220-240/380-415	38.9-20.6	15	1.00	15		6 in. x 4 in.	300	D
THREE PHASE EPOXY COATED CAST IRON WITHOUT STRAINER - 50 HZ									
▸5CCSPHJ3-142	220-240/380-415	13.0/6.9	5	1.00	5		6 in. x 4 in.	260	A
▸5CCSPHK3-143	220-240/380-415	20.7-11.0	7-1/2	1.00	7-1/2		6 in. x 4 in.	270	B
▸5CCSPHL3-144	220-240/380-415	26.9-14.3	10	1.00	10		6 in. x 4 in.	280	C
▸5CCSPHM3-145	220-240/380-415	38.9-20.6	15	1.00	15		6 in. x 4 in.	300	D
ACCESSORIES FOR 5CSP/5CCSP SERIES									
PKG 184	Strainer for CSP/CCSP 6 in. ANSI flange (1,100 cu. in. capacity)					NSF [4]	6 in. x 6 in.	180	I
PKG 184C	Same as PKG 184 Except Strainer is Epoxy Coated					NSF [4]	6 in. x 6 in.	180	I
357262	Flange 4 in. w/ gasket and SS hardware [2]							20	
357263	Flange 6 in. w/ gasket and SS hardware [2]							23	

▸ This product either meets or is exempt from the DOE Dedicated Purpose Pool Pump regulation. This product will remain available after the DOE regulation takes effect in July 2021.

[1] Amp draw may vary depending on motor manufacturer. Full load amps on motor model plate.

[2] Thermoplastic PVC socket style.

[3] Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

[4] 'NSF(2)' indicates that product bears a mark signifying evaluation to NSF Standard 50 For Materials and Components.

CALIFORNIA PROPOSITION 65 WARNING

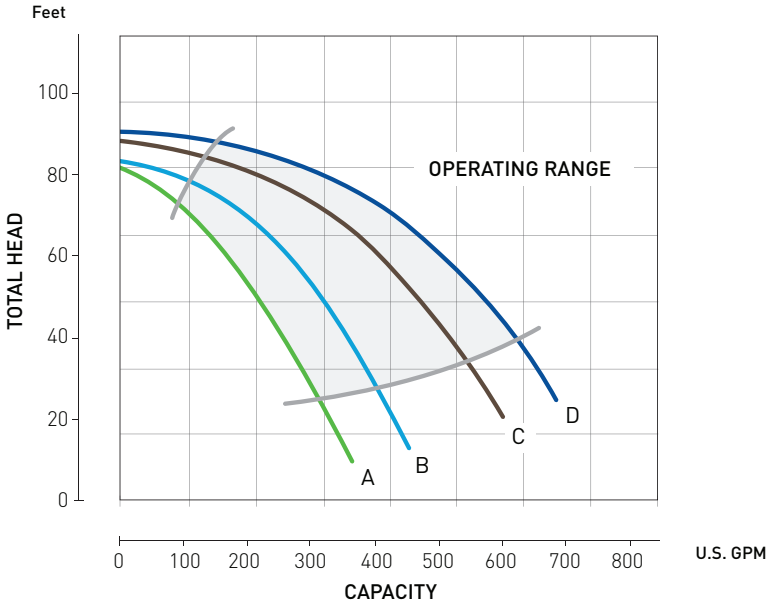
⚠ **WARNING:** Cancer and Reproductive Harm.
⚠ **AVERTISSEMENT:** Peut Causer le Cancer et des Dommages au Système Reproducteur.
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov. PN 20174.A

SEE PAGE 427 FOR REPLACEMENT PARTS

5CSP/5CCSP SERIES™

50 HERTZ COMMERCIAL SELF-PRIMING PUMP (CONT'D)

Dimensions and Performance



CALIFORNIA PROPOSITION 65 WARNING

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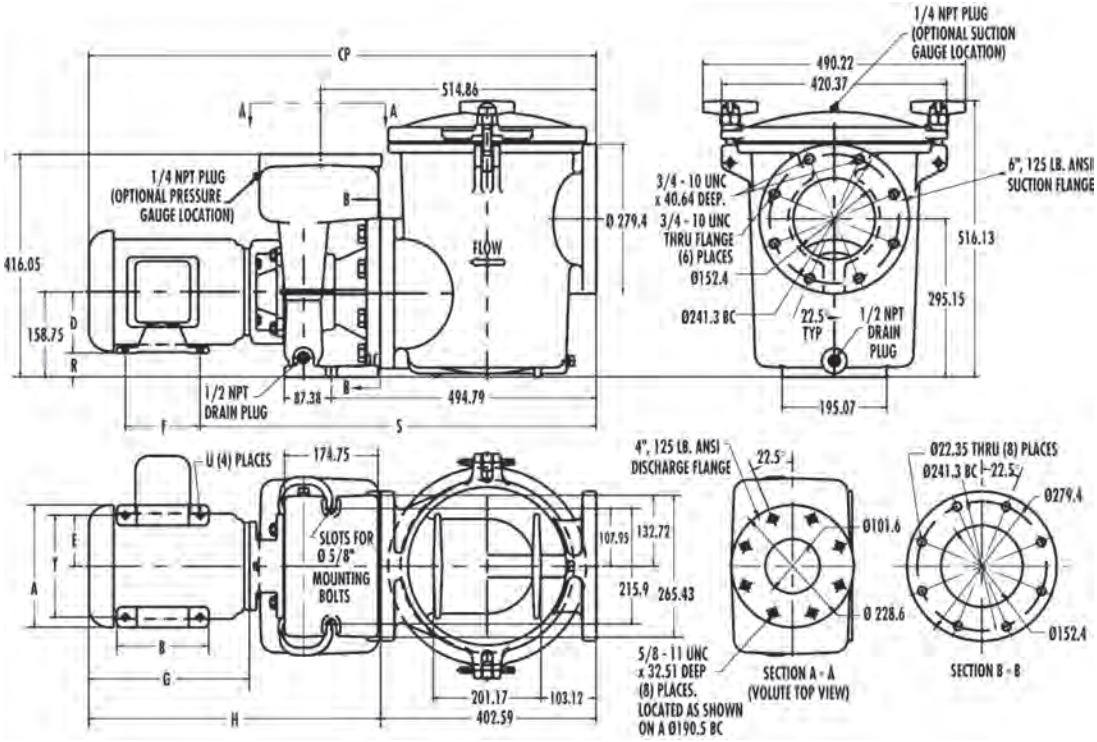
www.p65warnings.ca.gov.



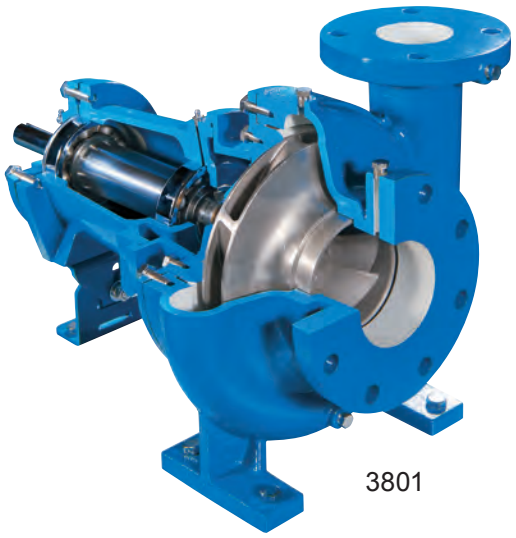
Catalog Number	A	B	CP	D	E	F	R	S	T
5CSPHJ	269.75	177.8	1039.62	133.25	107.95	139.7	25.4	733.3	215.9
5CSPHK	269.75	215.9	1075.69	133.25	107.95	177.8	25.4	733.3	215.9
5CSPHJ3	228.6	171.45	988.82	133.25	95.25	139.7	44.45	734.06	190.5
5CSPHK3	269.75	177.8	1039.62	133.25	107.95	139.7	25.4	733.3	215.9
5CSPHL3	269.75	215.9	1075.69	133.25	107.95	177.8	25.4	733.3	215.9
5CSPHM3	317.5	274.32	1185.67	158.75	127.0	209.55	–	793.75	254.0

All dimensions shown in millimeters.

SEE PAGE 427 FOR REPLACEMENT PARTS

AURORA® 3800 SERIES AND 410 SERIES

END SUCTION AND SPLIT CASE PUMPS



3801

Featured Highlights

- Multiple configurations available
- Models to 100 ft. TDH
- Compatible with Acu Drive™ XS VF Drive
- Cast Iron Stainless Steel Fitted Models
- Flooded Suction applications
- Highly reliable performance
- NSF certified models available
- Various flow capabilities for all applications
- Epoxy Coating option available
- ODP and TEFC motors in Standard and Premium efficiency available
- PS Series In-line Strainers match up to most Aurora pumps.

Pentair now offers the Aurora 3800 Series End Suction and the 410 Series Split Case Pumps for commercial pools, spas, and other water applications. The 3800 and 410 Series are available in horizontal and vertical configurations in horsepowers to 150 and flows to 8,000 GPM.

Ordering Information

Product	Description	Carton Wt. (Lbs.)

Please contact our factory (1-800-831-7133) for applications sizing, pricing, and availability.

AURORA PUMP ACCESSORIES FLANGE ASSEMBLY KITS		
357259	Flange 2-1/2 in. w/ gasket and SS hardware [1]	16
357260	Flange 5 in. w/ gasket and SS hardware [1]	22
357261	Flange 3 in. w/ gasket and SS hardware [1]	18
357262	Flange 4 in. w/ gasket and SS hardware [1]	20
357263	Flange 6 in. w/ gasket and SS hardware [1]	23

[1] Thermoplastic PVC socket style.

CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
⚠ **AVERTISSEMENT:** Peut Causer le Cancer et des Dommages au Système Reproducteur.
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov. PN 2007X A

SEE PAGE 427 FOR REPLACEMENT PARTS

HYDROBOOST® BOOSTER PUMP

PRESSURE-SIDE CLEANER PUMP

TRADEGRADE

HydroBoost Booster Pump

Featured Highlights

- Totally Enclosed Fan Cooled (TEFC) Motor to help reduce the chance of motor burnout
- Certified by ENERGY STAR®
- Quick installation
- Reliable operation
- THP: 0.8 WEF: 0.62

The HydroBoost Booster Pump provides high pressure water to your pressure side automatic pool cleaner. This booster pump is NOT self-priming and should not run unless the filter pump is running.

Ordering Information

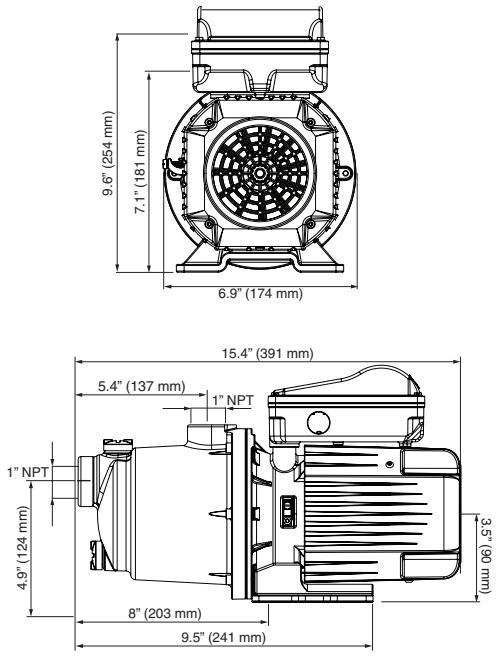
Product	Voltage	Full Load Amps	THP	WEF	Primary Listings and Certifications[2]	Port Size (NPT)	Carton Wt. (Lbs.)
HYDROBOOST BOOSTER PUMP							
360526	115/230	9.0/4.5	0.8	0.62	UL[1]	1"	29.18
ACCESSORIES							
353040	Hose Kit (includes 3/4" - 1" Adapters (2); 6 ft. Hose (1)						

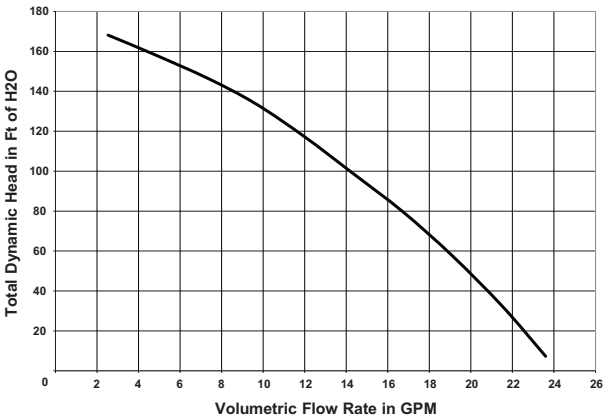
[1] 'UL' indicates that pump bears a specific UL mark signifying evaluation to U.S. Standards UL1081 for Permanently Connected Swimming Pool and Spa Pumps and to Canadian Standards CAN/CSA C22.2 No. 108-01 Liquid Pumps For Swimming Pools And Spas. (Enclosure 3).

[2] Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

- **Pumps and replacement motors that are single speed and one (1) Total HP or greater cannot be sold, offered for sale, or installed in a residential pool for filtration use in California, Title 20 CCR sections 1601-1609.**

Dimensions and Performance





CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
⚠ **AVERTISSEMENT:** Peut Causer le Cancer et des Dommages au Système Reproducteur.
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov. PN 200174.A

SEE PAGE 427 FOR REPLACEMENT PARTS

PCD-1000 SUBMERSIBLE PUMP

STAINLESS STEEL SUBMERSIBLE POOL SERVICE PUMP

Submersible Pool Service Pump

The PCD–1000 submersible, portable, high capacity pump designed for use by the professional in draining pools and spas as well as for general purpose applications, now has improved flow rates, and stainless steel casing, suction strainer, impeller and shaft for greater corrosion resistance and longer service life.

The PCD-1000 can pump water down to 1-3/8 inches in depth. Debris and stones up to 3/4 inch are able to pass through the pump. It also features a 1-1/4 inch discharge port for faster draining. Discharge port adapters are included. Optional float switch included; switch stops pump when low water level reached. Remove float switch for constant run.

Featured Highlights

- 115V, 60 Hz single phase, permanent split capacitor motor
- Automatic thermal overload protection
- Clog-resistant cast stainless steel impeller
- Accommodates water temperatures ranging from 32 degrees F to 130 degrees F
- Permanently lubricated ball bearings
- Equipped with 15-foot, 18/3 grounding type power cord
- Convenient top-mounted handle
- Rubber feet to reduce scratching
- Optional float switch included

Adaptors included:

- 1-1/4 in. Female NPT Elbow
- 1-1/4 in. Male NPT to 1-1/2 in. Female NPT Adaptor

Optional Float Switch Included

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www.p65warnings.ca.gov.

P/N 200174.A

Ordering Information

Product	Description	Voltage	Full Load Amps	HP	Carton Wt. (Lbs.)
STAINLESS STEEL SUBMERSIBLE WITH BRASS BASE					
▸PCD-1000	Submersible Utility Pump	115	6.4	3/4	15
ACCESSORIES					
ZBR46760	Replacement Float Switch				

▸ This product either meets or is exempt from the DOE Dedicated Purpose Pool Pump regulation. This product will remain available after the DOE regulation takes effect in July 2021.

Dimensions and Performance

Model	HP	Motor Full Load (Amps)	RPM	Minimum Circuit Req.	Liquid Temperature Range	Switch Setting		Pumps Down To
						On	Off	
PCD-1000	¾	6.4	3450	15 amps	32/130°F 0/54°C	12" 30 cm	6" 15.2 cm	1⅜" 3.5 cm

Pump Performance TDH/GPM						Shut Off Head
TDH	5'	10'	15'	20'	25'	28
GPM	55	45.5	36.5	25	8.5	N/A

SEE PAGE 427 FOR REPLACEMENT PARTS

PARTS-PAKS™ AND ACCESSORIES

POINT-OF-SALE, STOCK ROOM, SERVICE VEHICLE

OVERHAUL KITS – Attractive, clamshell packaging contains recommended parts for seal/gasket servicing or complete overhaul of most swimming pool/spa pumps. Reduce the need for large parts inventories, protect parts from damage, and reduce paperwork.

Ordering Information

Product	Pump Model by HP: PE, P2R	PEA, P2RA	PR	PRA
SEAL/GASKET KITS – Include shaft seal, gaskets, and O-rings				
PP1010	1/3	1/3, 1/2		1/2
PP1011	1/2	3/4	1/2	3/4
PP1012			3/4	1
PP1014	3/4	1		
PP1016	1	1-1/2		
PP1017	2	2-1/2	2	2-1/2
PP1018	1-1/2	2		
PP1019	3			

Product	Pump Model by HP: CH, LT, L1	LHA, LTA, L1A	PCD
SEAL/GASKET KITS – Include shaft seal, gaskets, and O-rings			
PP1080	1/6		
PP1081	1/3	1/2	
PP1082	1/2	3/4	
PP1682			1/2

Product	Pump Model by HP: P4E, P4R	P4EA, P4RA	MPRA, MPEA
SEAL/GASKET KITS – Include shaft seal, gaskets, and O-rings			
PP4010	3/4	1	
PP4011	1	1-1/2	
PP4012	1-1/2	2	
PP4013	2	2-1/2	
PP4014	3		
PP3010			3/4
PP3011			1
PP3012			1-1/2
PP3013			2

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www.p65warnings.ca.gov. P/N 200174.A

Product	Description	Carton Wt. (Lbs.)
SEAL/GASKET KITS – Include shaft seal, gaskets, and O-rings		
PP1075	LH, LHA, LT, LTA, L1, L1A - All HP	
PP3000	MPRA, MPEA - All HP	
PP1000	PE, PEA, PR, PRA, P2R, P2RA (models with copper insert pre-1998) - All HP	
PP4000	P4E, P4EA, P4R, P4RA (models with copper insert pre-1998) - All HP	
PP1200	PE, PEA, P2R, P2RA (models without copper insert beginning 1998) - All HP	
PP4200	P4E, P4EA, P4R, P4RA (models without copper insert beginning 1998) - All HP	
TRAP LID KITS – Include trap lid and trap lid o-ring		
PP2075	PE, PEA, PR, PRA, P2R, P2RA (with 5 in. trap – standard) - ALL HP	
PP4075	P4E, P4EA, P4R, P4RA, MPR, MPE (with 6 in. trap – standard) - ALL HP	
PUMP CONNECTOR UNION HALF (WILL NOT FIT DJ OR TP SERIES PUMPS)		
PKG 188Z	2 in. Union x 2 in. Slip, 2 per Pkg.	1
PKG 189	2 in. Union x 2 in. FPT, 2 per Pkg.	1
77703-0100	2 in. Union x 1-1/2 in. FPT, 2 per Pkg.	1
77703-0101	2 in. Union x 1-1/2 in. Slip, 2 per Pkg.	1
PUMP BASE NOISE REDUCER		
17350-0008	Rubber Pump Base Pad for MPR, P4R, P4E, TPR, TPE Models	1
SEAL KIT - CHEMICAL/SALT/OZONE RESISTANT EPDM & SS SEALS		
356196	Seal Quick Kit Max-E-Pro / IntelliPro and VS Pumps—Chemical/Salt/Ozone Resistant EPDM & SS	1
356197	Seal Quick Kit SuperFlo /SuperMax and VS Pumps—Chemical/Salt/Ozone Resistant EPDM & SS	
356198	Seal Quick Kit WhisperFlo/IntelliFlo and VS Pumps—Chemical/Salt/Ozone Resistant EPDM & SS	
356199	Seal Quick Kit Challenger Pumps—Chemical/Salt/Ozone Resistant EPDM & SS	
356952	Seal Quick Kit WhisperFloXF / IntelliFlo XF Pumps Chemical/Salt/Ozone Resistant EPDM & SS	
356958	Seal Quick Kit SuperFlo VST / SuperMax VST pumps After June 2019 Chemical/Salt/Ozone Resistant EPDM and SS	

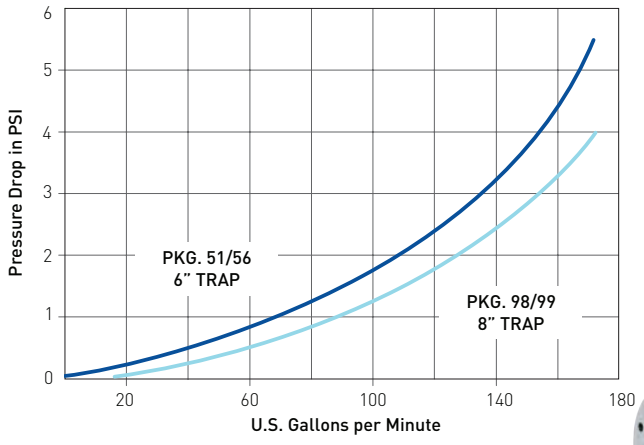
SEE PAGE 427 FOR REPLACEMENT PARTS

HAIR AND LINT STRAINER PACKAGES

Ordering Information

Product	Description	Suction Port Size	Carton Wt. (Lbs.)
	HAIR AND LINT STRAINER PACKAGES		
PKG 115	5 in. Trap with Basket (For Dura-Glas, Max-E-Glas andJWP Pumps)	1-1/2 in. NPT	5
PKG 51	6 in. Cast Iron Trap with Basket (For C, CC, and D Series Pumps)	2 in. NPT	20
PKG 98	8 in. Cast Iron Trap with Basket (For C, CC, and D Series Pumps)	3 in. NPT	40
PKG 161	6 in. PPO Resin Strainer (For P2R, PE Series, Dura-Glas and Max-E-Glas Pumps)	2 in. NPT	6
PKG 184	CSP Series Hair and Lint Strainer (1100 cu. in. capacity)	6 in. ANSI Flange	180
PKG 184C	CCSP Series Hair and Lint Strainer – Coated (1100 cu. in. capacity)	6 in. ANSI Flange	180

Dimensions and Performance



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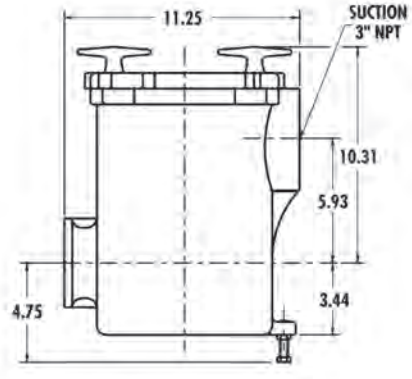
www.p65warnings.ca.gov.

PKG 98 - 8 in.

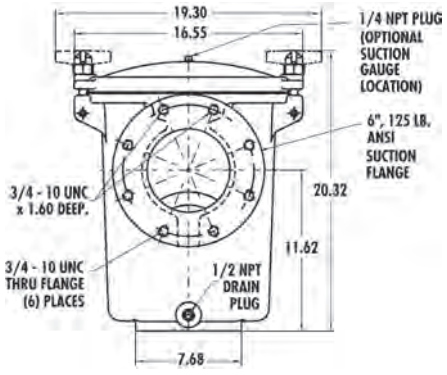
PKG 184 - 8 in.

PKG 51 - 5 in. OR 6 in.

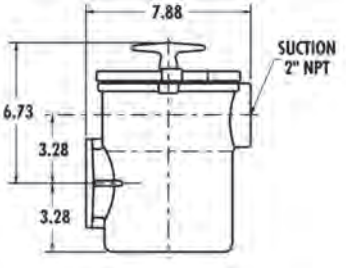
PKG 98 - 8 INCH TRAP



PK6 184/184C



PKG 51 - 6 INCH TRAP



SEE PAGE 427 FOR REPLACEMENT PARTS

CONVERSION REFERENCE CHARTS

1 U.S. Gallon/Minute = 0.22712470704 Cubic Meter/Hour

1 U.S. Gallon/Minute = 0.83267418463 UK Gallon/Minute

1 Foot of Water/Head = 0.30487804878 Meter of Water/Head

1 Foot of Water/Head = 0.43352750193 Pound/Square Inch

Pressure to Head Conversion

Feet of Water	Meters of Water	PSI
10	3.05	4.34
20	6.10	8.67
30	9.15	13.01
40	12.20	17.34
50	15.24	21.68
60	18.29	26.01
70	21.34	30.35
80	24.39	34.68
90	27.44	39.02
100	30.49	43.35
110	33.54	47.69
120	36.59	52.02
130	39.63	56.36
140	42.68	60.69
150	45.73	65.03

Volumetric Flow Rate Conversion

US Gallons per Minute	Cubic Meters per Hour	British Gallons per Minute
10	2.27	8.33
20	4.54	16.65
30	6.81	24.98
40	9.09	33.31
50	11.36	41.64
60	13.63	49.96
70	15.90	58.29
80	18.17	66.62
90	20.44	74.94
100	22.71	83.27
110	24.98	91.60
120	27.26	99.92
130	29.53	108.25
140	31.80	116.58
150	34.07	124.91
160	36.34	133.23
170	38.61	141.56
180	40.88	149.89
190	43.15	158.21
200	45.43	166.54
210	47.70	174.87
220	49.97	183.19
230	52.24	191.52
240	54.51	199.85
250	56.78	208.18
260	59.05	216.50
270	61.32	224.83
280	63.60	233.16
290	65.87	241.48
300	68.14	249.81
310	70.41	258.14
320	72.68	266.46
330	74.95	274.79
340	77.22	283.12
350	79.49	291.45
360	81.77	299.77
370	84.04	308.10
380	86.31	316.43
390	88.58	324.75
400	90.85	333.08

SEE PAGE 427 FOR REPLACEMENT PARTS

NOTES:

PENTAIR POOL

SANITIZERS‡ & WATER QUALITY

Updated September 2025

‡"Sanitizer" is an industry term of art and is not intended to imply any antimicrobial capabilities.

PENTAIR POOL

NEW & IMPROVED
NOW AVAILABLE

INTELLICHLOR® PLUS & LT SALT CHLORINE GENERATORS

The leader in Salt Chlorine Generators now gives you even more.*

The IntelliChlor Plus & LT Salt Chlorine Generators have new and improved designs — providing more serviceability, accuracy, and value than Pentair's first-generation IntelliChlor® and iChlor® Salt Chlorine Generators.

NEW FEATURES

MORE SERVICEABLE

- Modular design with replaceable electronics
- Smarter with 20+ diagnostics including warnings for troubleshooting
- Servicing is now 50%** faster when replacing sensor module

MORE ACCURATE

- Redesigned with a superior conductivity sensor
- 98% as accurate as a laboratory grade salinity meter***

MORE VALUE

- Now an acid washstand is included in the box
- Easier servicing and cleaning

*Based on data from the Pool and Hot Tub Association from United States Pool Year 2024.

**Based on internal lab testing in controlled environment comparing time to replace sensor module on IntelliChlor Plus 30 Salt Chlorine Generator to IntelliChlor 15 Salt Chlorine Generator resulting in an average time savings of 53%. Actual results may vary.

***Based on internal lab testing in controlled environment comparing salinity readings between the IntelliChlor Plus 30 Salt Chlorine Generator to a lab grade electronic salinity tester resulting in an average accuracy of 97.58%. Actual results may vary.

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Learn more at www.pentair.com/intellichlor-plus-lt

INTELLICHLOR® PLUS & LT

SALT CHLORINE GENERATOR

Featured Highlights

- Drop-in replacement for existing Pentair salt chlorine generators, which requires no additional plumbing.
- Compatible with existing IntelliChlor Power Center and Pentair automation systems.
- Modular design enables simple replacements for electronics and sensors.
- Easy-to-read LCD/LED interface with built-in diagnostic information makes service easier.
- SmartSense™ technology accurately adjusts chlorine output when the pump is off or the pool cover is detected as on.
- A redesigned conductivity sensor provides more accurate salt level readings.
- Acid cleaning kit provided with all units makes routine cleaning easier.
- Regular cycling helps prevents calcium and scale buildup to maximize cell life.
- 110 VAC or 220 VAC wiring (110 VAC option only for LT15 with Power Pack)
- Include 2 in. unions (LT 15 unions adapt to 1 ½ in.)
- UL Listed
- Certified to NSF/ANSI 50
- EPA number 102540-CA-2

TRADEGRADE

IntelliChlor Plus & LT Salt Chlorine Generators use common table salt to produce the chlorine a pool needs, effectively and automatically. It provides an alternative to buying, transporting, and storing chlorine compounds.

IntelliChlor Plus & LT Salt Chlorine Generators for U.S. Only

NEW INTELLICHLOR PLUS/LT – SCG Cell Only		
P/N	**Description**	**Chlorine Production per 24 hrs (@100%)**
523741	CELL INTELLICHLOR LT15 - U.S. ONLY	0.65 LBS
523747	CELL INTELLICHLOR LT25 - U.S. ONLY	0.9 LBS
523730	CELL INTELLICHLOR PLUS30 - U.S. ONLY	1.1 LBS
523735	CELL INTELLICHLOR PLUS40 - U.S. ONLY	1.4 LBS
523738	CELL INTELLICHLOR PLUS60 - U.S. ONLY	2.0 LBS

NEW INTELLICHLOR PLUS/LT – SCG/Power Bundles		
P/N	**Description**	**Chlorine Production per 24 hrs (@100%)**
523744	PWRBDL INTELLICHLOR LT15 - NA VERSION	0.65 LBS
523750	PWRBDL INTELLICHLOR LT25 - NA VERSION	0.9 LBS
523733	PWRBDL INTELLICHLOR PL30 - NA VERSION	1.1 LBS

NEW INTELLICHLOR PLUS/LT – Accessory Parts	
P/N	**Description**
523753	PWRPK INTELLICHLOR LT15
523764	CELL PL30 AND SENSOR REP
523765	CELL PL40 AND SENSOR REP
523827	CELL PL60 AND SENSOR REP
523767	CELL LT15 AND SENS REPL

Ordering Information

NEW INTELLICHLOR PLUS/LT – Accessory Parts	
P/N	**Description**
523768	CELL LT25 AND SENS REPL
523769	SENSOR MODULE REPLACEMENT
523770	HMI ELEC REPL PLUS
523775	HMI ELEC REPL LT
523759	INTELLICHLOR PLUS ACCESSORY BAG
POWER CENTERS	
520556	PWRCNTR INTELLICHLOR - US
523216	KIT PCBA UPGRADE PC100 (COVER DETECT)
ACCESSORY PARTS	
521633	KIT IC CROSS GUARD 5PK
523103	ACID WASH STAND
520595	UNIONS RPLCMNT INTLCHLOR
520734	CABLE 15' EXTENSION ASY INTELLICHLOR
523101	RETROFIT ADAPTOR
523102	SPACER CELL (FOR LT15, LT25 AND PLUS30)
520588	SPACER CELL (FOR PLUS40 AND PLUS60)
521147	INTELLICHLOR ORINGS - PACK OF TEN
521248Z	INTELLICHLOR POWER CENTER FUSE HOLDER REPLACEMENT W/FUSE 10A 250V
521034Z	INTELLICHLOR POWER CENTER PC100 SURGE BOARD REPLACEMENT
522745	INTELLICHLOR POWER CENTER AUTOMOTIVE STYLE FUSE REPLACEMENT (10A/ 58V MINI-BLADE)

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www.p65warnings.ca.gov. P/N 200174.A

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SEE PAGE 479 FOR REPLACEMENT PARTS

LEGACY INTELLICHLOR® & ICHLOR®

SALT CHLORINE GENERATOR

Legacy IntelliChlor Salt Chlorine Generator

iChlor Salt Chlorine Generator Cell

TRADEGRADE

CALIFORNIA PROPOSITION 65 WARNING

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Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
	INTELLICHLOR SALT CHLORINE GENERATOR FOR UNITED STATES		
520888	IntelliChlor IC15 Cell for Smaller Pools (US Version) - includes External Power Supply **DISCONTINUED – REPLACE WITH 523744**		
520554	IntelliChlor IC20 Cell (US Version) **DISCONTINUED – REPLACE WITH 523747**	1	7
520555	IntelliChlor IC40 Cell (US Version) **DISCONTINUED – REPLACE WITH 523735**	1	14
521105	IntelliChlor IC60 Cell (US Version) **DISCONTINUED – REPLACE WITH 523738**	1	16
	INTELLICHLOR SALT CHLORINE GENERATOR FOR CANADA		
522109	IntelliChlor IC15 (Canadian Version) **AVAILABLE IN 2025 – HEALTH CANADA APPROVED**	1	9
520911	IntelliChlor IC20 Cell (Canadian Version) **AVAILABLE IN 2025 – HEALTH CANADA APPROVED**	1	7
520912	IntelliChlor IC40 Cell (Canadian Version) **AVAILABLE IN 2025 – HEALTH CANADA APPROVED**	1	14
520910	IntelliChlor Power Center (Canadian Version) **STILL AVAILABLE**	1	14

Product	Description	Chlorine Per 24 Hours	Carton Qty.	Carton Wt. (Lbs.)
	iCHLOR SALT CHLORINE GENERATOR FOR UNITED STATES			
523009	iChlor 30 Cell Only-Retail — **DISCONTINUED – REPLACE WITH 523730**	1.0 Lbs	1	6
523010	iChlor 15 Cell Only-Retail — **DISCONTINUED – REPLACE WITH 523741**	0.6 Lbs	1	6
523080	iChlor 15 PWR PCK 110-Bundle — **DISCONTINUED – REPLACE WITH 523744**	0.6 Lbs	2	11
523081	iChlor 30 PWR CTR Bundle — **DISCONTINUED – REPLACE WITH 523733**	1.0 Lbs	2	20
	LEGACY INTELLICHLOR & ICHLOR SALT CHLORINE GENERATOR ACCESSORIES			
520736	IntelliChlor Flow Switch replacement kit		1	1
521377	IntellipH canister with controller		1	18
521495	IntelliChlor IC15 Replacement Reducer Unions - 2 in. to 1-1/2 in. (contains 2 O-rings, 2 couplers, 2 nuts)		1	1
521171	IntelliChlor Replacement - External Power Supply for IntelliChlor 15			
522741Z	iChlor Replacement - External Power Supply for iChlor 15			
523100	Kit-Flow Switch-IChlor Replacement			

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SEE PAGE 479 FOR REPLACEMENT PARTS

INTELLICHEM®

CHEMICAL CONTROLLER

TRADEGRADE

Featured Highlights

- Auto Setup/Configuration wizard makes start-up quick and easy
- Programmable chemical feed cycle and mix times for precise water balance
- Aids in better water conditions by minimizing excess chemical addition
- Built-in Langelier Saturation Index Calculator lets you know when your water chemistry is in or out of balance
- Reduces chemical costs by adding chemicals with precision
- Flow sensor ensures chemicals won't feed without system flow
- Password-protected access prevents tampering or accidental program change
- Seamless interface with IntelliTouch®, EasyTouch®, SunTouch® Automation Systems and ScreenLogic2® Interface for chemical management
- Compatible with IntelliChlor® Salt Chlorine Generators, external dosing pumps, and CO_2 systems

IntelliChem Chemical Controller

Chemical Tanks with on board pumps

IntelliChem Chemical Controller can work independently or in conjunction with other Pentair automation products. Its built-in Langelier Saturation Index Calculator lets pool owners know when the water is in or out of balance. IntelliChem Chemical Controller uses the uses the same Pentair technology found in commercial installations, water parks, hotels, and community pools.

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www.p65warnings.ca.gov.

Ordering Information

Product	Description	Application
	INTELLICHEM CHEMICAL CONTROLLER	
521357	Controller Only	For systems using external feed pumps, IntelliChlor, or CO_2. Containers ordered separately. The 521357 Controller is NSF certified.
522621	Controller and Acid Tank with Tank Mounted Pump [1, 2]	For systems requiring a tank and pump for feeding liquid acid
522622	Controller and Acid and Chlorine Tanks with Tank Mounted Pumps [1, 2]	For systems requiring tanks and pumps for feeding liquid acid and chlorine
	INTELLICHEM CHEMICAL CONTROLLER ACCESSORIES	
522472	Acid Tank with Tank Mounted Pump [1, 2]	Convenient and innovative container for storing and feeding liquid acid. No external pump required.
522473	Chlorine Tank with Tank Mounted Pump [1, 2]	Convenient and innovative container for storing and feeding liquid chlorine. No external pump required
521378	Acid Container [1] without pump	Convenient and innovative container for storing muriatic acid (must provide separate external pump or can be upgraded with the new pump on tank PN 522474)
521397	Chlorine Container without pump	Convenient and innovative container for storing chlorine (must provide separate external pump or can be upgraded with the new pump on tank PN 522474)
522480	Stenner Blue Pump on Tank Tube [2] Replacement (2/pk)	Replacement tubes for blue tank mounted pump
522474	Upgrade Kit for IntelliChem Container	Upgrade older non-pump containers (521378 & 521397) with the new tank mounted pump
522478Z	Upgrade Kit for IntelliChem Controller	Upgrade controller only systems to use the new tank mounted pumps
714000070	CO_2 Kit w/Diffuser, Solenoid, Regulator	For systems using CO_2 to lower pH levels.
521622	IntelliChem Winterizing Kit	Includes protective end caps and solution for storing pH and ORP probes in freezing climates
521498	IntelliChem Flash Programming Kit	Upgrade IntelliChem Chemical Controllers to the latest firmware for added functionality and improved performance

[1] Pentair always recommends 1:1 dilution when using full strength muriatic acid. When mixing, remember to always add acid to water.
[2] Pentair recommends replacing peristaltic pump tubes every 6 months.
Note: Always try to position container off the equipment pad (if possible).

c UL us LISTED

NSF. Certified to NSF/ANSI Standard 50
PN 521357 Only

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SEE PAGE 479 FOR REPLACEMENT PARTS

INTELLIPH® PH CONTROLLER

CHEMICAL CONTROLLER

TRADEGRADE

IntellipH Controller

Requires IntelliChlor Generator Version 3 (2010 +)

Featured Highlights

- Can help protect pool equipment from corrosion when pH swings in and out of balance
- Acid dispensing rate adjusts with the touch of a button
- Bolts securely to the equipment pad to help prevent poolside acid spills
- Powered by either IntelliChlor® Salt Chlorine Generator Power Center or EasyTouch®/ntelliTouch® Automation systems with IntelliChlor Generator support for easy wiring and installation
- UL and cUL listed
- One-year limited warranty on electronics and metering pump
- New pump design allows for tool-less pump tube replacement

IntellipH Controller is a convenient way to regulate a swimming pool's pH level. It automatically dispenses muriatic acid into the pool to help reduce fluctuations in the pH level. The IntellipH Controller is the perfect companion for the IntelliChlor Salt Chlorine Generator, and together they can help balance pool water to keep it sparkling.

Ordering Information

Product	Description
	INTELLIPH PH CONTROLLER
521377	IntellipH controller with acid container [1]
522480	Stenner replacement head pump tubes 2-pk [2]

[1] Pentair always recommends 1:1 dilution when using full strength muriatic acid. When mixing, remember to always add acid to water.

[2] Pentair recommends replacing peristaltic pump tubes every 6 months.

Note: Always try to position container off the equipment pad (if possible).

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www.p65warnings.ca.gov. P/N 207714.A

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SEE PAGE 479 FOR REPLACEMENT PARTS

COMMERCIAL INTELLICHLOR®

SALT CHLORINE GENERATOR

Featured Highlights

- Each single cell produces up to 2 lbs of chlorine per day
- Color LED status displays
- Performance data captured daily
- Automatic shut-off feature helps protect cell life
- Pre-mounted multi-power center configuration
- Must be used with an external ORP/pH Controller
- Self-cleaning
- Listed to UL 1563/CSA C22.2 No. 218-1
- Certified to NSF/ANSI 50
- EPA number 102540-CA-2

- Need 30 GPM per cell in manifold to trigger flow switch
- Power Centers are mounted on PVC boards and pre-wired for 220 VAC and ORP Controller

Possible Power Center and Manifold Configurations

IntelliChlor Salt Chlorine Generator uses common table salt to produce the chlorine a pool needs, effectively and automatically.

Must use an external ORP Controller.
We suggest Commercial IntelliChem® Systems.

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www.p65warnings.ca.gov. P/N 201714.A

Ordering Information

PART NUMBER	DESCRIPTION	NUMBER OF PRIMARY (P) AND SECONDARY (S) IC60 CELLS	NUMBER OF PRIMARY POWER CENTERS (520978)	NUMBER OF SECONDARY POWER CENTERS (520556)	CHLORINE PER 24 HRS (LBS.)	POOL VOLUME (GAL)[1]
520970	COMSYS-2	1P	1	0	2	10,000
520971	COMSYS-4	1P, 1S	1	1	4	20,000
520972	COMSYS-6	1P, 2S	1	2	6	30,000
520973	COMSYS-8	1P, 3S	1	3	8	40,000
520974	COMSYS-10	1P, 4S	1	4	10	50,000
520975	COMSYS-12	1P, 5S	1	5	12	60,000
520976	COMSYS-14	1P, 6S	1	6	14	70,000
520977	COMSYS-16	1P, 7S	1	7	16	80,000

[1] **Commercial pools typically require 2 lbs. of chlorine production per every 10,000 gallons. Please consult your local codes for chlorine production requirements.**

Note: COMSYS-System includes: Primary Cell, Secondary Cells, Primary Power Center, Secondary Power Centers, and the manifold.

Note: Call factory for sizing Commercial IntelliChlor systems for pools larger than 80,000 gallons.

COMMERCIAL INTELLICHLOR SALT CHLORINE GENERATOR FOR UNITED STATES		
521151	IntelliChlor CIC60P Replacement Primary Commercial Cell	1
521005	IntelliChlor CIC60S Replacement Secondary Commercial Cell	1
520978	IntelliChlor IC60P Replacement Primary Power Center	1
520556	IntelliChlor Replacement Secondary Power Center	1
P104-1	IntelliChlor Surge Board with ORP (Commercial)	1

For replacement parts please call Technical Service at 1-800-831-7133.

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SEE PAGE 479 FOR REPLACEMENT PARTS

COMMERCIAL INTELLICHEM®

COMMERCIAL CHEMICAL CONTROLLER

Featured Highlights

- Dual sanitizer‡ support
- Programmable chemical feed cycle and mix times for more precise water balance
- Aids in safer water conditions by preventing excess chemical addition in a 24-hour period
- Built-in Langelier Saturation Index Calculator lets you know when your water chemistry is in or out of balance
- Flow sensor ensures chemicals won't feed without system flow
- Password-protected access prevents tampering or accidental program change
- Use of ScreenLogic2® on iOS® device offers the ability to keep track of pH, ORP, temperature, and Calculated PPM (cPPM) levels and make adjustments locally or remotely
- Compatible with IntelliChlor® Salt Chlorine Generators, external dosing pumps, and CO_2 systems
- Title-22 Compliant
- IntelliChem Commercial is available on the Apple® App Store®
- 30-day data log storage of pH, ORP, cPPM, and temperature
- Battery backup for RealTime Clock (RTC)

Commercial IntelliChem Chemical Controller

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www.p65warnings.ca.gov. P/N 200174.A

Ordering Information

Product	Description	Application
	COMMERCIAL INTELLICHEM CHEMICAL CONTROLLER	
523478	IntelliChem Commercial System No pump	The 523478 Controller is ETL certified to NSF 50 Standard. Does NOT include ScreenLogic, but available as an option.
522577	IntelliChem Commercial System 1 pump [1, 2]	Dual support w/standalone ScreenLogic remote PC and iOS device connectivity. Pre-mounted and pre-wired on 2x2 plastic backboard. Containers ordered separately. The 522577 Controller is ETL certified to NSF 50 Standard.
522578	IntelliChem Commercial System 2 pumps [1, 2]	Dual support w/standalone ScreenLogic remote PC and iOS device connectivity. Pre-mounted and pre-wired on 2'x2' plastic backboard. Containers ordered separately. The 522578 Controller is ETL certified to NSF 50 Standard
	INTELLICHEM CHEMICAL CONTROLLER ACCESSORIES	
523492Z	Stenner 50GPD External Pump [1, 2]	50GPD Stenner pump for feeding liquid acid or chlorine
523494	Stenner 50GPD Pump Tube 5 pk. [1, 2]	50GPD Stenner pump tube for every 6-month replacement

[1] Pentair always recommends 1:1 dilution when using full strength muriatic acid. When mixing, remember to always add acid to water.
[2] Pentair recommends replacing peristaltic pump tubes every 6 months.
Note: Always try to position container off the equipment pad (if possible).

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Intertek 9600596 CONFORMS TO ANSI/NSF 50 STANDARD PN 522577/78, 523478 ONLY

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SEE PAGE 479 FOR REPLACEMENT PARTS

NOTES:

QUIKPURE3® OZONE SYSTEM
COMPLETE

QuikPure3 Ozone System 25,000 Gallon
(Stand Pipe)

Featured Highlights

- Convenient dual voltage design (110v or 220v) and plug-in UV bulb
- Available in 25,000- and 50,000-gallon capacity units
- EPA number 102540-AZ-1

Pentair QuikPure3 Ozone System releases ozone into the pool, which reduces the amount of chlorine needed to maintain proper water chemistry. Reducing the amount of chlorine needed helps relieve the potential for irritated eyes and itchy skin.

Ordering Information

Product	Product Name & Description
381100	QuikPure3 25,000 Gallon (Stand Pipe)
381250	QuikPure3 50,000 Gallon (Stand Pipe)
383101	QuikPure3 25,000 Gallon (No Stand Pipe)
383201	QuikPure3 50,000 Gallon (No Stand Pipe)

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SEE PAGE 479 FOR REPLACEMENT PARTS

QUIKPURE3® OZONE SYSTEM

PARTS & ACCESSORIES

QuikPure3 4-Pin Lamp
(1-25 Or 2-50)

QuikPure3 Ballast
(1-25 Or 2-50)

QuikPure3 Auto Feed Kit

QuikPure3 Micro Switch
Pin Plunger

QuikPure3 Orifice Check
Valve Assembly

QuikPure3 Air Bleed Kit

Ozone Injector Manifold
with Tubing Kit

Ozone Injector Tubing
Kit with Check Valve

Ordering Information

Product	Product Name & Description
391270	QuikPure3 4-Pin Lamp (1-25 or 2-50)
391205	QuikPure3 Ballast (1-25 or 2-50)
391060	QuikPure3 Auto Feed Kit
391050	QuikPure3 Micro Switch Pin Plunger
391034	QuikPure3 Orifice Check Valve Assembly
391001	QuikPure3 Air Bleed Kit
399150	Ozone Injector Manifold with Tubing Kit
399180	Ozone Injector Tubing Kit with Check Valve

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SEE PAGE 479 FOR REPLACEMENT PARTS

BIOSHIELD®
UV SYSTEM

TRADEGRADE

NSF Recreational Water CCS-18325

BioShield UV System is listed under NSF as a Water Conditioning Device.

Featured Highlights

System Features:

- Housing Material: Heavy-Wall UV Resistant High-Density Polymer
- Housing Pressure (Max.): 50 psi / 3.4 bar
- Housing Inlet/Outlet Port Size: 2”, 2.5", or 3" Union
- UV Lamp(s): Low-Pressure High-Output, T6-style
- EPA number 091668-FL-001

The BioShield UV System features Low Pressure High Output (LPHO) lamps that offer approximately twice the UV output of standard Low Pressure (LP) lamps with the same arc length. UV vessels are built of a UV-resistant, high density polymer with a removable end cap to provide easy internal access. Viewing ports allow visual indication of lamp status. Units are made with a 5-3/4" diameter housing and have inlet/outlet ports fittings to accommodate 2", 2.5", and 3" plumbing. Ballast comes with a 10' cable to lamp, 6' power cord and 10' cable to flow switch. Flow switch comes with 10’ cable. 115V and 230V units are available. Models include an in-line, sealed water-tight power supply for wet applications.

Ordering Information

MODEL	INPUT WATTS	UV-C OUTPUT WATTS	UV VESSEL DIMENSIONS	VOLTAGE	AMPS MAX LOAD	30 MJ/CM GPM/LPM	40 MJ/CM GPM/LPM	60 MJ/CM GPM/LPM
HIGH-OUTPUT								
522635	50	15	30” x 6”	115/230V	1.15/0.57	31/117	25/94	16/60
522636	80	27	45” x 6”	115/230V	1.15/0.57	56/211	45/170	30/113
522637	120	37	57” x 6”	115/230V	1.15/0.57	79/299	62/234	41/155
522638	150	57	71” X 6”	115/230V	1.85/0.85	128/448	100/378	64/242

	PREVIOUS		CURRENT XF						
WATTS	SEAL KITS	BALLAST	SEAL KITS	BALLAST	FLOW SWITCH	4-PIN LAMP CONNECTOR	LAMP SPACER	LAMP	QUARTZ SLEEVE
HIGH-OUTPUT REPLACEMENT PARTS									
50	523031	523032	523383	523460	523458	523034	523423	523035	523039
80	523031	523032	523383	523460	523458	523034	523423	523036	523040
120	523031	523032	523383	523460	523458	523034	523423	523037	523041
150	523031	523033*	523383	523462	523458	523034	523423	523038	523042
150	523031	523053**			523458	523034	523423	523038	523042

* 115V Only
** 230V Only

ACCESSORIES	
523098	Clamp Kit

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See page 479 for replacement parts or call Technical Service at 1-800-831-7133.

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SEE PAGE 479 FOR REPLACEMENT PARTS

BIOSHIELD®
PRO UV SYSTEM

Featured Highlights

- High quality and easy installation.
- Custom ballasts rated for indoor and outdoor use.
- Separate ballasts for installation versatility.
- Designed for use in small places and easy to hide.
- Flow switch turn-off at no flow, regardless of pressure.
- Easy drain for quick maintenance.
- Internal air bleed helps prevent trapped air in the top of the vessel.
- Automation ready.
- NSF certified; Pentair is the first to have NSF certification for a water conditioning device.
- Reduces combined chloramine by as much as 25%*.
- EPA number 091668-FL-001.

*Devices evaluated for a reduction in Combined Chlorine have demonstrated a 25% or 0.25 mg/L, whichever is greater, reduction during the test period as compared to the baseline period.

BioShield Pro UV System is effective, affordable, and NSF certified. BioShield Pro is the answer for a UV system that's effective, affordable and NSF certified. High in quality and oh-so-easy to install, this UV system has the same benefits as our residential BioShield UV System, only in a commercial body.

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BioShield Pro UV System

TRADEGRADE

NSF Certified to NSF/ANSI Standard 50

Ordering Information

Product	# Lamps	Flange	Voltage	Amps (max)	GPM @40mJ
BIOSHIELD PRO UV SYSTEM					
523575	2	4”	120/240V	2.30/1.14	136
523576	4	4”	120/240V	4.60/2.28	256
523577	4	6”	120/240V	4.60/2.28	360
523578	5	6”	120/240V	5.75/2.85	430
523579	5	8”	120/240V	5.75/2.85	550
523580	6	8”	120/240V	6.90/3.42	640

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SEE PAGE 479 FOR REPLACEMENT PARTS

COMMERCIAL BIOSHIELD® CLP

UV SYSTEM

Establishing a quality swimming facility begins at the pool design stage. Pentair BioShield Commercial low pressure UV systems help to achieve a more enjoyable swimming experience.

Featured Highlights

- Efficient Low Pressure UV converts up to 30-40% energy into UV-C light
- UV inhibited Schedule 80 PVC vessels stand up to UV degradation and corrosion caused by pool water
- NSF certified with flow rates up to 2,335 GPM
- Quality, low-pressure Amalgam UV lamps
- UL 508 Listed
- Single-end UV lamp and quartz sleeve access for easy servicing
- Choice of input / output piping connections
- Enhanced, state of the art electronic ballast, sized precisely to the lamp's power requirement, ensures optimal UV-C output and maximum useful lamp life
- EPA number 091668-FL-001

Micro-Processor Standard Features

- Touch Screen Interface
- Power Enclosure Over-Temp. Safety Shut-Down
- Vessel Over-Temp. Safety Shut-Down
- Individual Lamp Status and Re-settable Hour Meter
- Master System Hour Meter
- Output Alarm Relay
- UV Intensity Monitor
- Thermoplastic NEMA 12 Enclosure
- External Power Switch
- 20 Foot Lamp Cables
- Enclosure Cooling Fan

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SEE PAGE 479 FOR REPLACEMENT PARTS

COMMERCIAL BIOSHIELD® CLP

UV SYSTEM

SIZING YOUR BIOSHIELD UV SYSTEM

1. Establishing flow rate requirements in GPM is critical to selecting the correct UV system for your application.
2. Know your UVT and dose requirement. UVT is the measure of UV-C light transmittance (254nm) in water. Dose is a factor of UV light intensity and contact time.
3. Choose your BioShield UV system model. Select desired dose column below. Identify maximum flow rate that meets system flow rate requirement. Complete this step for model CLP4 or CLP6 and with provided vessel and power enclosure dimensions, choose the best model suited for the mechanical space. *Note max flow rate for desired port size on each model.

Model[1]	Lamps/ Watts	Max Flow Rate (GPM) 40 mJ/cm²	Max Flow Rate (GPM) 60 mJ/cm²	Port Size[1]	Amps Max Load	UV Vessel Dimensions[2] (A x B x C)	Power Enclosure Dimensions (H x W x D)	Max. PSI
ONLY AVAILABLE IN 120VAC								
CLP41A6-3N	1/130	49	33	2"	2.1/1.0	56" x 6"x 47"	24.6" x 20.2" x 10.6"	100
CLP42A6-3N	2/130	90	60	3"	3.9/2.0	56" x 6" x 47"	24.6" x 20.2" x 10.6"	100
CLP43A6-4N	3/130	125	83	3" 4"	5.8/2.9	56" x 6" x 47"	24.6" x 20.2" x 10.6"	100
CLP43A8-4N	3/130	167	111	4"	5.8/2.9	62" x 8" x 51"	24.6" x 20.2" x 10.6"	100
CLP44A8-4N	4/130	227	151	4" 6"	7.5/3.7	62" x 8" x 51"	24.6" x 20.2" x 10.6"	100
CLP45A8-4N	5/130	272	181	4" 6"	9.4/4.7	62" x 8" x 51"	30.5" x 24.9" x 12.6"	100
CLP46A10-4N	6/130	365	244	6"	11.2/5.6	64" x 10" x 51"	30.5" x 24.9" x 12.6"	75
CLP47A10-6N	7/130	430	287	6" 8"	13.3/6.5	64" x 10" x 51"	30.5" x 24.9" x 12.6"	75
ONLY AVAILABLE IN 240VAC								
CLP61A6-4N	1/320	113	75	3" 4"	1.6	85" x 6" x 76"	24.6 " x 20.2" x 10.6"	100
CLP62A6-4N	2/320	200	133	3" 4"	3	85" x 6" x 76"	24.6 " x 20.2" x 10.6"	100
CLP63A6-4N	3/320	279	186	3" 4"	4.5	85" x 6" x 76"	24.6 " x 20.2" x 10.6"	100
CLP63A8-4N	3/320	372	247	4" 6"	4.5	85" x 6" x 76"	24.6 " x 20.2" x 10.6"	100
CLP64A8-6N	4/320	505	336	4" 6"	6	85" x 6" x 76"	24.6 " x 20.2" x 10.6"	100
CLP65A8-6N	5/320	606	403	6"	7.5	85" x 6" x 76"	30.5" x 24.1" x 12.6"	100
CLP66A10-8N	6/320	814	542	6" 8"	9	88" x10"x 76"	30.5" x 24.1" x 12.6"	75
CLP67A10-8N	7/320	953	638	6" 8"	11	88" x10"x 76"	30.5" x 24.1" x 12.6"	75

[1] When ordering: Replace 'X' in part number with requested flange size; eg. '2' for two-inch flange.
[2] Vessel dimension "C" represents clearance requirement for glassware maintenance.

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SEE PAGE 479 FOR REPLACEMENT PARTS

NOTES:

COMMERCIAL BIOSHIELD® CVP

UV SYSTEM

Featured Highlights

System Features:

- Enhanced, state-of-the-art electronic ballast, sized precisely to the lamp's power requirement, ensures optimal UV-C output and maximum "useful lamp life"
- Small footprint: vertical operation reduces required horizontal space
- UV inhibited Schedule 80 PVC vessels stand up to UV degradation and corrosion caused by pool water
- Single-End UV lamp and quartz sleeve access for easy servicing
- Watertight design helps protect electrical hardware from water damage
- Choice of inlet/outlet port styles
- Included Over-Temp System Shutdown Sensor shuts down the lamp field to avoid damage when water temperature inside the vessel exceeds 120° F
- 20-foot lamp cables
- EPA number 091668-FL-001

NSF Certified to NSF/ANSI Standard 50

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When operating space is restricted, our vertical BioShield UV Systems provide the small footprint you need. These vertical models feature single-end, top-loading quartz sleeve(s) to minimize space required and maximize serviceability. Each model is extremely durable and features a corrosion-resistant remote power supply enclosure and UV vessel. All models are designed to deliver optimum UV performance by utilizing the UV lamp's UV-C output to its maximum potential. BioShield UV Systems are water-tight and designed for indoor/outdoor use. Each model is equipped with a flanged base for easy installation. Unit can also be installed horizontally.

Ordering Information

Model	Lamps/ Watts	Flow Rate (GPM) 40 mJ/cm²	Flow Rate (GPM) 60 mJ/cm²	Port Size[2]	Amps Max Load @ 120 VAC	UV Vessel Dimensions[1] (A x B x C)	Power Enclosure Dimensions (H x W x D)	Max. PSI
ONLY AVAILABLE IN 120VAC								
522904	1/130	49	33	3"	2.1	56" x 6"x 47"	24.6" x 20.2" x 10.6"	50
522918	2/130	90	60	3"	3.9	56" x 6" x 47"	24.6" x 20.2" x 10.6"	50
522919	3/130	125	83	4"	5.8	56" x 6" x 47"	24.6" x 20.2" x 10.6"	50
522920	3/130	167	111	4"	5.8	62" x 8" x 51"	24.6" x 20.2" x 10.6"	50
522921	4/130	227	151	4"	7.5	62" x 8" x 51"	24.6" x 20.2" x 10.6"	50
522935	5/130	272	181	4"	9.4	62" x 8" x 51"	30.5" x 24.9" x 12.6"	50
522923	6/130	365	244	6"	11.2	64" x 10" x 51"	30.5" x 24.9" x 12.6"	50

[1] Vessel dimension "C" represents clearance requirement for glassware maintenance.
[2] When selecting a port size, be sure the system flow rate will never exceed "Max. Flow for Port Size."

For replacement parts please call Technical Service at 1-800-831-7133.

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QUIK DEKCLOR POOLSIDE CHLORINE FEEDER

COMPLETE

Quik DekClor Dark Gray Complete

Featured Highlights

- Innovative design allows for easy adjustment to compensate for swimmer load and pool conditions
- Compatible with multiple chlorine tab sizes
- Includes internal locking safety lid
- Available in multiple lid colors

Delivering chlorine directly into your pool, Quik DekClor Chlorine Feeder helps to prevent chemical wear and tear on your pump motor and filtering systems. The chlorine feeder has specially engineered inlets to create an even water flow around chlorine tabs, which aids in the consistent disbursement of chemicals into the pool.

Ordering Information

Product	Product Name & Description
	DEKCLOR WITH PROTECTA
385007	DekClor Tan
385001	DekClor White
385003	DekClor Dark Gray
385002	DekClor Light Gray
	DEKCLOR WITHOUT RING LID
385012	DekClor without Ring Lid, with Protecta

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DEKCLOR POOLSIDE CHLORINE FEEDER

PARTS & ACCESSORIES

Ordering Information

Product	Product Name & Description
	DEKCLOR COMPONENTS
542496Z	DekClor Lid White
542500Z	DekClor Lid Tan
542499Z	DekClor Lid Dark Gray
542498Z	DekClor Lid Light Gray
391900	DekClor Safety Plate with Lock (Old Style)
391010	DekClor Start Up Kit with Safety Plate

DekClor Start Up Kit with Safety Plate

DekClor Lid White, Tan, Dark Gray, & Light Gray

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SEE PAGE 479 FOR REPLACEMENT PARTS

PENTAIR AUTOMATIC CHLORINE/BROMINE FEEDERS

Featured Highlights

- 300 and 320 series feeders available in clear amber for easy tablet level monitoring
- Completely enclosed system – no special venting required
- No escaping gases
- 50 PSI maximum operating pressure

In-Line Feeders

- **320 Series.** For permanent installation in return line of new or existing pools or spas. Installs in return line on pressure side of pump downstream of all equipment. Standard with 2 in. slip PVC fittings and adapters for 1-1/2 in.

Off-Line Feeders

- **300 Series.** Retrofits into existing pools or spas. Operates on pressure side of pump. Uses 1/4 in. feeder hoses, control valve and fittings.

Pentair Chlorine and Bromine Feeders

Ordering Information

Product	Model	Description	Carton Qty.	Carton Wt. (Lbs.)
		IN-LINE FEEDERS		
R171096[1]	320	Holds 11 large or 98 small Bromine or slow dissolving Trichlor tablets. Treats 6,500 to 27,000 gallons bottom feed and 18,000 to 70,000 gallons top feed.	1	30
		OFF-LINE FEEDERS		
R171016[1]	300	Holds 11 large or 98 small tablets. Treats 12,000 to 48,000 gallons.	1	26
		COMMERCIAL AND HIGH CAPACITY FEEDERS		
R171215[1]	R171215	High capacity for 1 in. hard plumbing installations. Holds 15 lbs. of tablets. Treats up to 20,200 gallons with Bromine and up to 97,600 gallons with Trichlor.	1	9
R171230[1]	R171230	High capacity for 1 in. hard plumbing installations. Holds 30 lbs. of tablets. Treats up to 40,000 gallons with Bromine and up to 160,000 gallons with Trichlor.	1	12
R171240[1]	R171240	High capacity for 1 in. hard plumbing installations. Holds 40 lbs. of tablets. Treats up to 61,000 gallons with Bromine and up to 332,000 gallons with Trichlor.	1	14

Note: Pentair Automatic Chlorine/Bromine feeders are for use with slow dissolving trichlor or bromine tablets only.

CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
⚠ **AVERTISSEMENT:** Peut Causer le Cancer et des Dommages au Système Reproducteur.
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov. P/N 200174.A

‡"Sanitizer" is an industry term of art and is not intended to imply any antimicrobial capabilities.

SEE PAGE 479 FOR REPLACEMENT PARTS

AUTOMATIC FEEDER ACCESSORIES

In-line Check Valves & Flow Indicators

Standard In-line Check Valves/By-pass Valves

Use where harsh chemical environment is not expected.

Silicone Lubricant

Excellent for use on rubber seals, gaskets, and o-rings in contact with plastics and metals where binding and corrosion occur.

Extensions

Optional extensions will increase tablet capacity to your 300 or 320 Series Chemical Feeder.

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www.p65warnings.ca.gov. P/N 200174.A

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
EXTENSIONS			
R172087	10 in. Extension doubles capacity	Bulk	
FLOW INDICATING DEVICES			
R172080Z	Flow Indicating Device. Clear polycarbonate with indicating ball. Flow rate of 0 to 1 gpm. Designed for 1/4 in. inline pipe thread. Includes check valve.	Bulk	
R172082	Flow Rate Indicator. For high rate feeders with 1 in. feed lines.	Bulk	
R172276	Commercial Flow Indicator for use with 320, 322, 300-29X or feeders with 1/2 in. feed lines.	Bulk	
R172627	Corrosion Resistant Flow Indicator Kit. For new installations of 300-29X. Includes flow indicator. Saddle clamp, fittings and 1/2 in. corrosion resistant check valve.	Bulk	
CORROSION RESISTANT IN-LINE CHECK VALVES			
R172288	Check Valve 1-1/2 in. or 2 in. Slip, 2 lb. spring	Bulk	
R172323	Check Valve 1/4 in. tube x tube	Bulk	
R172324	Check Valve 1/2 in. tube x tube	Bulk	
R172324NS	Special check valve for outward flow on 300-29X below water installations. 1/2 in. tube x tube check valve (ball)	Bulk	
STANDARD IN-LINE CHECK VALVES/BY-PASS VALVES			
R172316	Check Valve (1-1/2 in. or 2 in.) 1/2 in. spring, slip fittings. Great for blowers.	Bulk	

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
FEEDER KITS			
200013	300 & 320 Replacement Kit. Includes: saddle clamp, saddle gasket, and saddle tube fitting. Bubble pack	12	5
200014	300-29X Replacement Kit. Includes: saddle clamp, saddle gasket, and saddle tube fitting. Bubble pack.	12	5
SILICONE LUBRICANT			
R172036Z	3/4 ounce	Bulk	
R172351	3/4 ounce, in counter display	30	3
TUBING AND MISCELLANEOUS PARTS			
R171099	Hi-Flo Kit for 320 and 322. Allows greater dispensing rate. Includes 6 ft. of 1/2 in. i.d. tubing, 1/2 in. check valve and all fittings.	Bulk	
R172037	Spa Chamber for 300, 302, 320	Bulk	
R172093	5/8 in. o.d. x 1/2 in. i.d. Sold in roll.	100 ft. Roll	
R172367	Winterizing or Isolation Plug. Attaches to control valve of 300, 302, 300-19 or 300-29	Bulk	
R18754	3/8 in. o.d. x 1/4 in. i.d. Sold in roll.	100 ft. Roll	

Silicone Lubricant

Feeder Extensions

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SEE PAGE 479 FOR REPLACEMENT PARTS

PENTAIR AUTOMATIC CHLORINE/BROMINE SIZING CHART*

Model	Chamber Capacity				Maximum Erosion in 24 Hours [1]	Treats Pool/Spa Size			H	W	D	Service Clearance for Lid Removal
	1 in. Tablet		3 in. Tablet									
	Qty.	Wt.	Qty.	Wt.		@ 10 ppm	@ 5 ppm	@ 2-1/2 ppm				
AUTOMATIC CHLORINE/BROMINE SIZING CHART												
#300 [1]	98	3.5 lbs.	11	4.8 lbs.	1.19 lbs.	11,900	23,800	47,600	21 in.	7 in.	12 in.	22-1/4 in.
#302 with spa chamber [1]	15	0.5 lbs.	—	—	0.5 lbs.	500	1,000	2,000	21 in.	7 in.	12 in.	22-1/4 in.
#300-19 [1]	153	5.5 lbs.	20	8.8 lbs.	1.30 lbs.	13,000	26,000	52,000	28-1/2 in.	7 in.	12 in.	29-3/4 in.
#300-29 [1]	237	9.8 lbs.	29	12.7 lbs.	1.41 lbs.	14,100	28,200	56,400	38-1/2 in.	7 in.	12 in.	39-3/4 in.
#300-29X [1] commercial model	237	9.8 lbs.	29	12.7 lbs.	8.05 lbs.	80,500	161,000	322,000	38-1/2 in.	7 in.	12 in.	39-3/4 in.
#320 bottom feed [1]	98	3.5 lbs.	11	4.8 lbs.	0.67 lbs.	6,700	13,400	26,800	17-3/4 in.	5 in.	10 in.	19 in.
#320 top feed [1]	98	3.5 lbs.	11	4.8 lbs.	1.75 lbs.	17,500	35,000	70,000	17-3/4 in.	5 in.	10 in.	19 in.

WITH 10 in. FEEDER EXTENSION ON #300 – REFER TO #300-19, max. height 11 in.6 PPM-COMMERCIAL POOLS & SPAS

WITH 20 in. FEEDER EXTENSION ON #300 – REFER TO #300-29, max. height 21 in3 PPM-RESIDENTIAL POOL & SPAS

[1] Based on use of 1 in. Trichlor in 24 hours. Use of 3 in. tablets or sticks or bromine tablets will lower results. For 8 hour turnover divide by 3.

*Note: This chart is only a suggested guide. Consult your local authority to determine their guidelines if needed. Results may vary due to pool/spa equipment and many other factors.

CALIFORNIA PROPOSITION 65 WARNING

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www.p65warnings.ca.gov.

P/N 26013A.A

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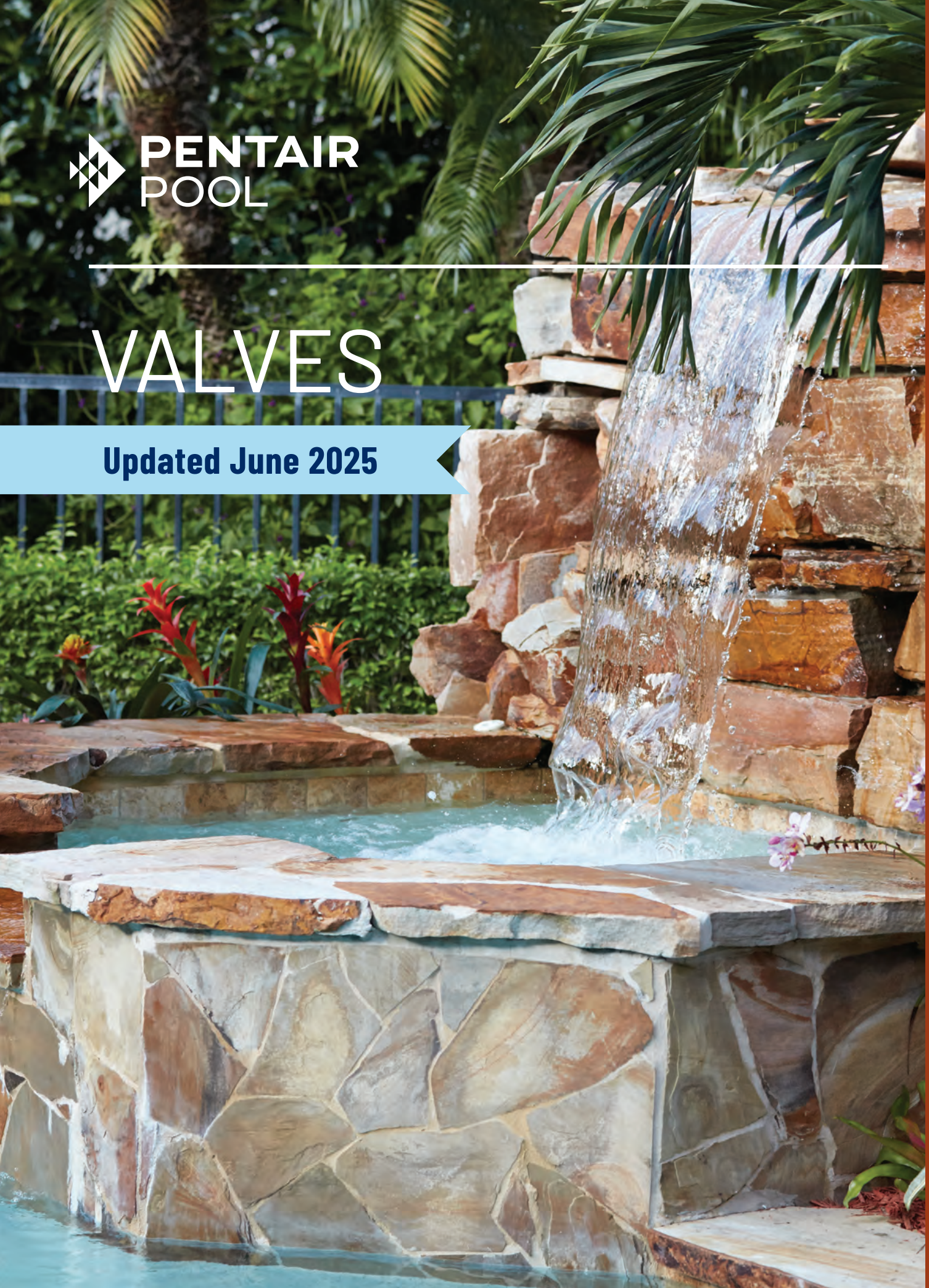
SEE PAGE 479 FOR REPLACEMENT PARTS

NOTES:



PENTAIR
POOL

VALVES

Updated June 2025

DIVERTER AND CHECK VALVES – 1-1/2 IN. AND 2 IN.

2-WAY, 3-WAY, AND CHECK

263027

263026

263042

Featured Highlights

- All valves available in CPVC or PVC
- Maintenance-free PTFE coated diverter seal
- Optimum positive-seal
- High Flow Rate
- Fiberglass reinforced handle
- Withstands pressure up to 150 psi
- Chemical-resistant
- Used for diverting, shut-off, or mixing applications
- Accepts 1-1/2 in., 2 in., and 2-1/2 in. PVC plumbing
- Field-adjustable stop positions
- Plumbed with inlet at any port
- Designed to work with most industry standard actuators

CALIFORNIA PROPOSITION 65 WARNING

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www.p65warnings.ca.gov.

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
	2-WAY AND 3-WAY DIVERTER VALVES		
263026	3-Way CPVC 2 in. (2-1/2 in. slip outside)	1	2
263027	2-Way CPVC 2 in. (2-1/2 in. slip outside)	1	2
263028	3-Way PVC 2 in. (2-1/2 in. slip outside)	1	2
263029	2-Way PVC 2 in. (2-1/2 in. slip outside)	1	2
263035	3-Way CPVC 1-1/2 in. (2 in. slip outside)	1	2
263036	2-Way CPVC 1-1/2 in. (2 in. slip outside)	1	2
263037	3-Way PVC 1-1/2 in. (2 in. slip outside)	1	2
263038	2-Way PVC 1-1/2 in. (2 in. slip outside)	1	2
263047	3-Way Solar Valve w/ drain-down, CPVC 2 in. (2-1/2 in. slip outside)	1	2
	CHECK VALVES		
263042	Check Valve CPVC 2 in. (straight 2-1/2 in. slip outside)	1	2
263042Z	Check Valve Rebuild Kit		

263027

263029

263026

263028

PVC Valves not recommended for climates that can reach air temperatures of over 104°F.

SEE PAGE 491 FOR REPLACEMENT PARTS

FULLFLOXF® DIVERTER & CHECK VALVES 2-1/2 IN. & 3 IN.

2-WAY, 3-WAY, AND CHECK

Featured Highlights

- Valves available in CPVC for maximum heat resistance
- Maintenance-free PTFE coated diverter seal
- Optimum positive-seal
- Maximum Flow Rate, low head loss
- Chemical-resistant
- Used for diverting, shut-off, or mixing applications
- Accepts 2-1/2 in. and 3 in. PVC plumbing
- Field-adjustable stop positions
- Plumbed with inlet at any port
- Designed to work with most industry standard actuators

263059

263060

263056

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www.p65warnings.ca.gov.

Ordering Information

Product	Description	Carton Qty	Carton Wt (Lbs)
	2-WAY AND 3-WAY DIVERTER VALVES		
263056	3-Way CPVC 2.5 in. (3 in. slip outside)	1	4
263059	2-Way CPVC 2.5 in. (3 in. slip outside)	1	4
	2-WAY AND 90 DEGREE CHECK VALVES		
263060	Check Valve CPVC 2.5 in. (3 in. slip outside)	1	4
270119Z	Check Valve Rebuild Kit		

SEE PAGE 491 FOR REPLACEMENT PARTS

PRE-PLUMBED VALVES

BACKWASH VALVES FOR 1-1/2 & 2 IN. D.E. AND SAND FILTERS

Side mounted Hi-Flow™ and Multiport Valves are designed for maximum performance and working pressures. Available in 1-1/2 and 2 in. threaded or slip models.

CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov. P/N 201714.A

Featured Highlights

- PVC body
- The right valve for easy operation
- Six-position, positive-lock operation
- Special winterizing position

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
	MULTIPORT VALVE KIT FOR FILTERS, SLIP		
261055	2 in. MPV, for Triton® & Quad D.E.® filters [SM 20-3] 7-1/2 in. Centerline	1	10
261152	2 in. MPV, for FNS®, FNS Plus & NSP filters [SM 20-2] 7-1/2 in. Centerline	1	10
261173	1-1/2 in. MPV, for Triton & Quad D.E. filters [SM 10-3] 7-1/2 in. Centerline	1	6
261177	1-1/2 in. MPV, for FNS, FNS Plus & NSP filters [SM 10-2] 7-1/2 in. Centerline	1	7
	HI-FLOW VALVE KIT FOR FILTERS, SLIP		
261050	2 in., w/ bulkhead fittings, for Triton & Quad D.E. filters, 7-1/2 in. Centerline	1	11
261142	2 in., w/ bulkhead fittings, for FNS, FNS Plus & NSP filters, 7-1/2 in. Centerline	1	11
	PVC SLIDE VALVE, SLIP		
263064	Push Pull Valve, 7-1/2 in. Center, PVC, Almond	1	4.5
	FULLFLOXF® BACKWASH VALVES		
262507	Sta-Rite version for System 3® Mod D.E., inlet on top, with Sta-Rite offset adapters glued on	1	11
262509	Valve with filter inlet port on top, no fittings, only valve	1	10
262511	Valve with filter inlet port on bottom, no fittings, only valve	1	10
263080	Valve for Sand and Quad D.E. filters, inlet port on top, Pentair 2 in. unions glued on	1	12
263081	Valve for D.E., inlet port on bottom, Pentair 2 in. unions glued on	1	12

Hi-Flow Valve Kit
261050

PVC Slide Valve Kit
263064

Multiport Valve Kit
261055

FullFloXF Backwash Valve Kit
263080

SEE PAGE 491 FOR REPLACEMENT PARTS

HI-FLOW™ VALVE

BACKWASH VALVE FOR SIDE MOUNTED SAND & D.E. FILTERS

Featured Highlights

- PVC body
- Large, one-piece handle fortrouble-free operation
- Six-position, positive-lock operation
- Noryl heavy-duty diverter
- 2 in. ports for unrestricted flow
- Specific Valves for D.E. and sand applications
- Special winterizing position

The side mounted Hi-Flow valve is designed for maximum performance and working pressures. Available in 2 in. slip models.

NSF
Certified to NSF/ANSI Standard 50

Hi-Flow Valve 261049

CALIFORNIA PROPOSITION 65 WARNING

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www.p65warnings.ca.gov.

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
	HI-FLOW VALVE		
261049	2 in. Hi-Flow Valve, no plumbing	1	10

SEE PAGE 491 FOR REPLACEMENT PARTS

TA TAGELUS® FILTER VALVES

1-1/2 AND 2 IN. BACKWASH VALVES FOR TOP MOUNT SAND FILTER

262525

Featured Highlights

- ABS body
- Large, one-piece handle for trouble-free operation
- Six-position, positive-lock operation
- Heavy-duty diverter
- Special winterizing position

The top mounted Hi-Flow™ and Multiport Valves are designed for maximum sand filter backwash performance and precise water flow. Available in 1-1/2 and 2 in. threaded.

CALIFORNIA PROPOSITION 65 WARNING

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www.p65warnings.ca.gov.

P/N 2001741-A

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
	TOP MOUNT MULTIPORT VALVES		
261185	2 in. TA D (TA 100D only), clamp, 8 in. Neck Size	1	8
262506	1-1/2 in. TA D (TA 30/40/50/60D), clamp, 6 in. Neck Size [1]	1	6
263085	2 in. (TA60, SD80, CFII26), clamp, 6 in. Neck Size without unions	1	8
262525	2 in. (TA60, SD80, CFII26), clamp, 6 in. Neck Size with unions	1	6

[1] For filters manufactured before 12-1-91.

[2] For filters manufactured after 12-1-91.

262506

262505

261185

SEE PAGE 491 FOR REPLACEMENT PARTS

SLIDE VALVES

ABS SLIDE VALVES/MULTIPORT VALVES (SIDE MOUNT)

Featured Highlights

- Six-position dial-type valves offer convenience, ease of use, and efficient operation
- Includes connecting pipe to match side ports in sand and D.E. filters
- 2 in. PVC unions for filter-to-valve connection
- Positive seal prevents leakage between ports

18201-0110

Featured Highlights

- Two-position backwash valves have minimal flow restriction
- Innovative handle design allows easier operation; pin locks valve in filter position
- Connects directly to side ports in D.E. or sand filters with 2 in. PVC unions

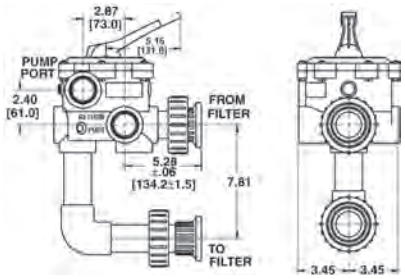
263053

Ordering Information

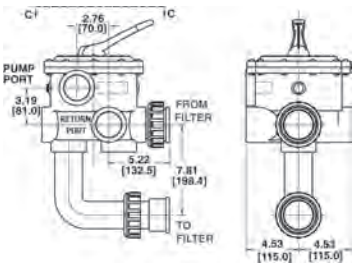
Product	Description	Valve Port Size	Carton Wt. (Lbs.)
	SLIDE VALVES - UNION CONNECTION DESIGN		
263053	Push Pull Valve, 7.81 in. Center	2 in.	4
	MULTIPORT VALVES - UNION CONNECTION DESIGN		
18201-0300	ABS 6-Position Valve (for System 3 Mod DE)	2 in.	8
18201-0200	ABS 6-Position Valves with piping	2 in.	10

[1] Replacement Valves for Old Design Filters.

Dimensions and Performance



1-1/2 in. Multiport Valve
18201-0110



2 in. Multiport Valve
18201-0300

NSF Certified to NSF/ANSI Standard 50

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SEE PAGE 491 FOR REPLACEMENT PARTS

FLOWVIS® IN-LINE FLOW METER

VALVE ACCESSORIES & TOOLS

FlowVis In-Line Flow Meter (US Gallon Per Minute)

Featured Highlights

- Installation flexibility; installs horizontally, vertically, or even upside-down
- Can be installed with little-to-zero straight pipe requirements
- Doubles as a check valve (1.5", 2", 2.5" and 2"x2.5"models)
- Clear, easy-to-read scale in GPM or optional LPM or M3/h with velocity scale
- Installs quickly and easily with no calibration required

FlowVis In-Line Flow Meter is a unique flow meter solution for clean water applications such as swimming pools, spas, water features, and fountains. Models are available for 1.5" through 4" as well as retrofit units for existing specific 3rd party valve bodies. Models for 1.5", 2", and 2.5" pipe include an integrated check valve. Additionally, a non-check valve model is available for applications that employ an SVRS and where check valves are not permitted. All FlowVis models offer highly accurate performance and a unique ability to be installed right next to other plumbing fittings such as tees, without the need for long straight pipe runs before and after.

Ordering Information

Pentair Item #	Product Name & Description
	FLOWVIS IN-LINE FLOW METER (US GALLON PER MINUTE)
261193	Flowvis In-Line Flow Meter (US Gallon Per Minute)

FlowVis® is a registered trademark of H2flow Controls, Inc., in the United States and/or other countries.

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SEE PAGE 491 FOR REPLACEMENT PARTS

WATER FEATURES

MAGICFLAME®
FIRE AND WATER BOWL

MagicFlame Fire and Water Bowl

Dazzle a backyard oasis with the flickering of flames or relax to the soothing sounds of falling water with MagicFlame Fire and Water Bowls. With five vibrant color options to match most poolside decors, they're the perfect addition to make the pool experience a step away from paradise. Made with glass fiber reinforced concrete, MagicFlame Fire and Water Bowls can add warmth to pool ambiances and activate the swimming senses for years to come.

Featured Highlights

- Five vibrant color options to match most decors
- Beautiful ¾" Lava Rock is included
- Optional Tumbled Lava Rock and Fire Glass available
- 12 VAC Inlet Power
- Hot Surface Ignition - Robust
- Electronic ignition with weatherproof/anti-corrosion enclosure
- Convenient fire feature lighting and instant flame monitoring
- Glass fiber reinforced concrete bowls for ultimate longevity
    - Lighter and stronger than standard concrete.
- Natural gas or propane compatible
- Custom engineered burner made of corrosion resistant 304 stainless steel
- Automation compatible or operate stand alone

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
ROUND FIRE BOWL ONLY			
580165	Round 32" Fire Only Bowl, 12V, Bronze	1	230
580166	Round 32" Fire Only Bowl, 12V, Pewter	1	230
580167	Round 32" Fire Only Bowl, 12V, Natural	1	230
580168	Round 32" Fire Only Bowl, 12V, White	1	230
580169	Round 32" Fire Only Bowl, 12V. Black	1	230
ROUND FIRE AND WATER BOWL			
580170	Round 32" Fire and Water Bowl, 12V, Bronze	1	235
580171	Round 32" Fire and Water Bowl, 12V, Pewter	1	235
580172	Round 32" Fire and Water Bowl, 12V, Natural	1	235
580173	Round 32" Fire and Water Bowl, 12V. White	1	235
580174	Round 32" Fire and Water Bowl, 12V, Black	1	235
ROUND WATER BOWL ONLY			
580175	Round 32"Water Only Bowl, 12V, Bronze	1	230
580176	Round 32"Water Only Bowl, Pewter	1	230
580177	Round 32"Water Only Bowl, Natural	1	230
580178	Round 32"Water Only Bowl, White	1	230
580179	Round 32" Water Only Bowl, Black	1	230

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
SQUARE FIRE BOWL ONLY			
580180	Square 32" Fire Only Bowl, 12V, Bronze	1	220
580181	Square 32" Fire Only Bowl, 12V, Pewter	1	220
580182	Square 32" Fire Only Bowl, 12V, Natural	1	220
580183	Square 32' Fire Only Bowl, 12 V, White	1	220
580184	Square 32" Fire Only Bowl, 12V, Black	1	220
SQUARE FIRE AND WATER BOWL			
580185	Square 32" Fire andWater Bowl, 12V, Bronze	1	225
580186	Square 32" Fire and Water Bowl, 12V, Pewter	1	225
580187	Square 32" Fire and Water Bowl, 12V, Natural	1	225
580188	Square 32" Fire and Water Bowl, 12V, White	1	225
580189	Square 32" Fire and Water Bowl, 12V, Black	1	225
SQUARE WATER BOWL ONLY			
580190	Square 32" Water Only Bowl, Bronze	1	220
580191	Square 32" Water Only Bowl, Pewter	1	220
580192	Square 32" Water Only Bowl, Natural	1	220
580193	Square 32"Water Only Bowl, White	1	220
580194	Square 32"Water Only Bowl, Black	1	220

NOTE: Actual finish and colors may vary due to slight difference in material make-up and/or the fabrication process. Please use as a guideline only.

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SEE PAGE 509 FOR REPLACEMENT PARTS

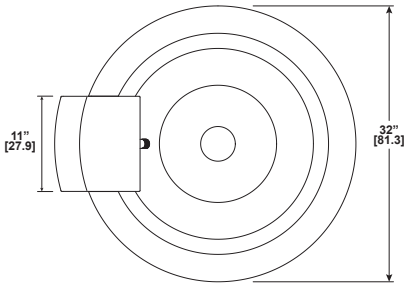
MAGICFLAME®

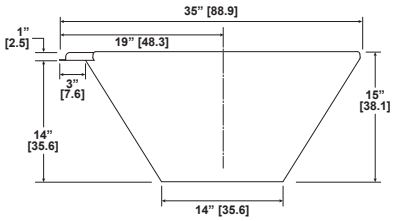
FIRE AND WATER BOWL (CONT'D)

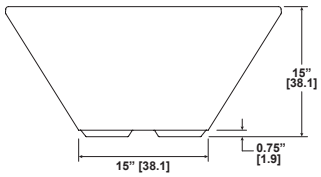
Ordering Information

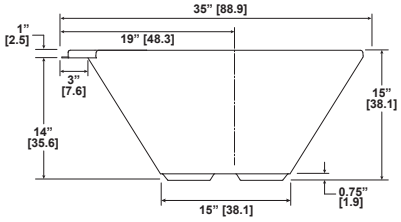
Product	Description	Carton Qty.	Carton Wt. (Lbs.)
MAGICFLAME ACCESSORIES			
590267	Lava Rock	1	25
590268	Lava Rock Tumbled	1	25
590269	Fire Glass, Black	1	25
590270	Fire Glass, Clear	1	25
590271	Fire Glass, Brown	1	25
590272	Fire Glass, Dark Blue	1	25
590273	Fire Glass, Light Blue	1	25
590274	Fire Glass, Gold	1	25
590289	Round Winterizing Cover	1	3
590290	Square Winterizing Cover	1	3

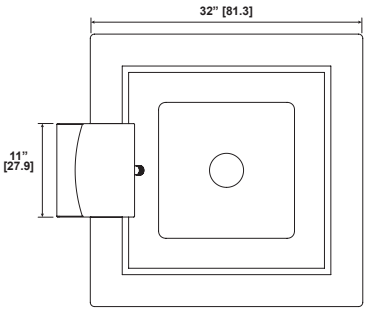
Dimensions and Performance

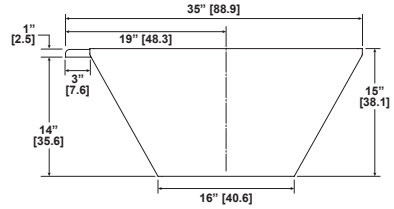


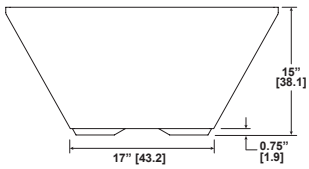


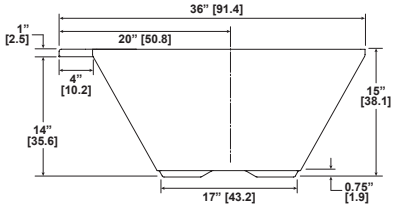












SEE PAGE 509 FOR REPLACEMENT PARTS

MAGICSTREAM® LAMINAR

MagicStream Laminar

TRADEGRADE

Featured Highlights

- Microprocessor-controlled LED light source has the ability to synchronize with the IntelliBrite® 5G LED Pool Lighting for dynamic and synchronized colored light shows.
- Provides five brilliant fixed colors, seven dazzling light shows.
- Nighttime lighting effects include the ability to hold on a steady color or scroll through a range of available colors.
- Installation is made flush to your deck or other surface; no unsightly edges.
- Laminar deck lids are available in tan, black, and gray.
- The technical principal behind MagicStream Laminars is to reduce turbulence and air bubbles from the water before projecting it through a finely-machined nozzle. The laminar water flow is very non-turbulent, so it keeps its surface tension and flows through the air in a smooth, clean, unbroken stream, instead of spraying apart into droplets.
- Low voltage operation of 12 VAC/16W.
- Low flow requirements allow for multiple units per pool.
- The perfect complement to IntelliBrite 5G LED Pool Lighting and IntelliBrite® Architectural Series lighting for dynamic and synchronized colored light shows.

MagicStream Laminars with synchronization with IntelliBrite 5G LED color and white lights and IntelliBrite Architectural Series lighting create clear, uniform arcs of moving water that originate from either a pool deck or surrounding landscape. At night, these translucent streams are brilliantly colored, creating a water effect that adds elegant entertainment to your poolscape. It is fully compatible with the IntelliBrite® 5G line of LED pool lights, optional Color Sync™ Controller and IntelliCenter®, EasyTouch®, and IntelliTouch® Automation Systems. Control and customize light shows using the optional ColorSync Controller for Pentair Color LED Lights or the ScreenLogic2® Interface for IntelliTouch and EasyTouch Systems Control Systems, which can be controlled remotely using a mobile device.

Ordering Information

Product	Description		Carton Qty.	Carton Wt.
MAGICSTREAM LAMINARS				
580001B	Laminar LED, Black Lid - 100 ft. cord		1	21
580001G	Laminar LED, Gray Lid - 100 ft. cord		1	21
580001T	Laminar LED, Tan Lid - 100 ft. cord		1	21
580038	Laminar LED, Tan Lid - 150 ft. cord		1	28
580040	Laminar LED, Gray Lid - 150 ft. cord		1	28
TRANSFORMERS (LANDSCAPE AND POOL RATED)				
619962	12V-14V	100W	1	12
619963	12V-14V	300W	1	12

Dimensions and Performance

Laminars Performance Data		
Gallons (US GPM)	6.0	7.5
Inlet Pressure (psi)	2.5	3.5
Height of Jet (Ft.)	5.0	6.0

SEE PAGE 509 FOR REPLACEMENT PARTS

CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
⚠ **AVERTISSEMENT:** Peut Causer le Cancer et des Dommages au Système Reproducteur.
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov.

DECK JET & MAGICSTREAM® DECK JET II

TRADEGRADE

Featured Highlights

Deck Jet

- Deck Jet includes five interchangeable water effect eyeballs that are easy to remove and simple to change. Also Includes construction shield.
- Streams reach to eight feet, and direction can be easily adjusted.
- Low water pressure requirement for minimum impact on pump performance.

MagicStream Deck Jet II

- Height is adjustable to a maximum of six feet. Water direction is adjustable up to 360 degrees.
- Easy-to adjust nozzles enable your creativity: concentrate all streams into a single entry point, overlap streams of different heights, or create a symmetrical, multi-stream archway…and more.
- Quality design assures low water flow requirements and reduces concerns about standing water or unwanted debris collection.
- Attractive installation with no unsightly edges or screws.

Deck Jet

MagicStream Deck Jet II

Deck Jet water effects can be cast into concrete decks and gunite pool walls, mounted in the sidewall of aboveground and vinyl-lined pools, or blended into surrounding landscapes.

MagicStream Deck Jet II creates a graceful arc of water that enters the pool with a gentle splash. The stream seems to appear magically from the pool deck since the jet installs flush and out of sight.

Ordering Information

Product	Description	Carton Qty.	Carton Wt.
	DECK JET		
580000	Deck Jet	1	1
	MAGICSTREAM DECK JET II		
580003	Magic Stream Deck Jet II	4	3

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SEE PAGE 509 FOR REPLACEMENT PARTS

TRIO DECK JET VARIABLE
WATER FEATURE COMPLETE

Ordering Information

Product	Description	Carton Qty.	Carton Wt.
TRIO DECK JET (Fan Nozzle 2 GPM - Standard Jet Nozzle Spray 5 GPM - Triple Spray 2 GPM)			
591600	Trio Deck Jet Bronze		
580603	Trio Deck Jet Gray		
580130	Trio Deck Jet Tan		

AQUA ARCH
WATER FEATURE COMPLETE

Ordering Information

Product	Description	Carton Qty.	Carton Wt.
AQUA ARCH (8-10 GPM)			
580150	Aqua Arch		

BUBBLE JET
WATER FEATURE COMPLETE

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Ordering Information

Product	Description	Carton Qty.	Carton Wt.
BUBBLE JET FOUNTAIN COMPLETE (Manifold, Internal 8 GPM)			
580301	Bubble Jet White		
580303	Bubble Jet Dark Gray		

SEE PAGE 509 FOR REPLACEMENT PARTS

COLORVISION® BUBBLER

TRADEGRADE

Featured Highlights

- Energy-efficient color LED lights with vibrant colors
- Provides five brilliant fixed colors, seven dazzling light shows
- Designed for 2 in. - 10 in. of water depth
- Plume height up to 24 in.
- Low voltage operation of 12 VAC / 15W
- Cord length available in 30 ft., 50 ft., 100 ft., or 150 ft.
- Low flow requirements allow for multiple units per pool
- Niche provides for flush mounting
- The perfect complement to IntelliBrite® 5G LED Pool Lighting and IntelliBrite® Architectural Series lighting for dynamic and synchronized colored light shows

The ColorVision Bubbler is a combination of the ColorVision Niche and Pentair GloBrite® or MicroBrite® LED light to create vivid fountain-like water movement. It is the perfect way to showcase and enhance pool features like sun shelves, steps, beach entries, and poolscape elements like ponds and fountains. Its low voltage and minimal water flow requirements make them an ideal, energy-efficient addition to pools, fountains, ponds, and more. It is fully compatible with the IntelliBrite 5G line of LED pool lights, IntelliBrite Architectural Series, optional Color Sync Controller and IntelliCenter®, EasyTouch®, and IntelliTouch® Automation Systems. Custom program and control light shows using an indoor control panel, wireless remote, and the ScreenLogic® Interface using your smartphone, computer, or mobile digital device.

NOTE: GloBrite and MicroBrite LED Lights - sold separately

Ordering Information

Product	Description	Carton Qty.	Carton Wt.
	COLORVISION LED LIGHT BUBBLER		
580037	ColorVision Gunite Niche Kit (Niche only - must order GloBrite separately)	1	6
580036	ColorVision Vinyl/Fiberglass Niche Kit (Niche only - must order GloBrite separately)	1	6

Product	Voltage	Wattage	Cord Length (Ft.)	Carton Qty.	Carton Wt. (Lbs.)
	GLOBRITE COLOR LED LIGHTS				
602054	12	15W	50	1	9
602055	12	15W	100	1	9
602056	12	15W	150	1	9

Product	Voltage	Wattage	Cord Length (Ft.)	Carton Qty.	Carton Wt. (Lbs.)
	GLOBRITE WHITE LED LIGHTS				
602103	12	15W	50	1	9
602104	12	15W	100	1	9
602105	12	15W	150	1	9

	TRANSFORMERS (LANDSCAPE AND POOL RATED)			
619962	12V-14V	100W	1	12
619963	12V-14V	300W	1	13
	ACCESSORIES			
618040	Adapter—MicroBrite to GroBrite			

Product	Light Output	Voltage	Wattage	Cord Length (Ft.)	Carton Qty.	Carton Wt. (Lbs.)
	MICROBRITE LED LIGHT WITH GLOBRITE ADAPTER					
602165	White	12	14W	150	1	5
602166	Color	12	14W	150	1	5
602167	Warm White	12	14W	150	1	5

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www.p65warnings.ca.gov.

All Pentair UL Listed underwater lights are certified for use in fresh water with up to 6,000 ppm salinity.

SEE PAGE 509 FOR REPLACEMENT PARTS

COLORVISION® BUBBLER

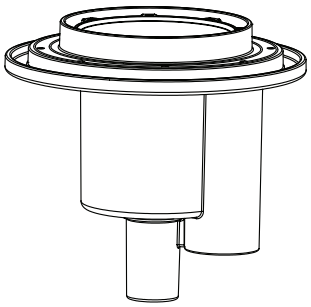
Dimensions and Certifications

All ColorVision Bubblers come with white accessories. Optional color rings are available for the the screw cover color ring and vinyl/fiberglass ring.

COLOR RINGS
590128Z Color Ring - Blue
590127Z Color Ring - Grey
590129Z Color Ring - Tan
590130Z Color Ring - Black
590132Z Vinyl/Fiberglass Ring - Blue
590131Z Vinyl/Fiberglass Ring - Grey
590133Z Vinyl/Fiberglass Ring - Tan
590134Z Vinyl/Fiberglass Ring - Black

Vinyl /Fiberglass Ring

Color Ring



	WATER DEPTH									
	2″		4″		6″		8″		10″	
	PLUME HEIGHT									
	Nozzle Diameter									
GPM	1/2″	3/4″	1/2″	3/4″	1/2″	3/4″	1/2″	3/4″	1/2″	3/4″
15		20"	42"	11"	28"	8"	14"	6"	12"	4"
20		32"		18"		12"	24"	8'	16"	8"
25				26"		18"		12"	23"	10"
30						25"		16"		14"
35								24"		18'
40								30"		22"
45										26"

Note: Plume height may vary.

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www.p65warnings.ca.gov. P/N 200174.A

All Pentair UL Listed underwater lights are certified for use in fresh water with up to 6,000 ppm salinity.

SEE PAGE 509 FOR REPLACEMENT PARTS

PENTAIR POOL

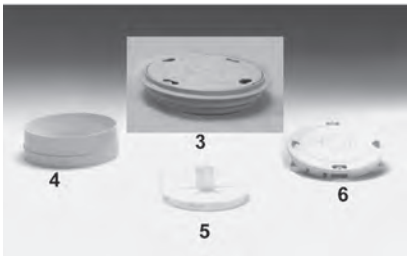
WHITE GOODS

Updated June 2025

ADMIRAL™ S15 AND S20 SKIMMERS

ADMIRAL SKIMMERS FOR POOLS AND SPAS

Admiral Skimmers



Admiral Skimmer Accessories

Featured Highlights

- Admiral 15 Skimmers: High strength ABS body
- Admiral S20 Skimmers: Reinforced PVC base
- Slip FIPT, 1-1/2 inch or 2 inch
- Easy to install
- Innovative lock down lid
- 1-1/2 inch and 2 inch ports
- Lid extension collars
- Flap weir or the circular weir

Admiral S15 Skimmers offer a variety of bases for a wide range of plumbing and construction requirements, configurations and materials. S15 Skimmers are injection molded of high strength ABS and are available with a flap weir for skimming action.

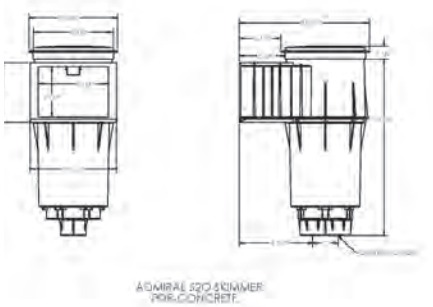
Admiral S20 Skimmers have a PVC reinforced twin port base. S20 may be purchased with equalizer for commercial and NSF applications or for when the second port is connected to the main drain. All models include the innovative lock down lid and are available with a flap weir or the circular weir for greater skimming action.

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
	S15 SKIMMERS FOR CONCRETE CONSTRUCTION		
84120200	S15, circ. weir, 2 in., threaded	1	10
	S20 SKIMMERS FOR CONCRETE CONSTRUCTION		
84420405	S20, flap weir, no equalizer, 1-1/2 in. slip	1	10
84420505	S20, circ. weir, equalizer, 2 in. slip [1]	1	12
84420605	S20, flap weir, equalizer, 2 in. slip [1]	1	12
84420805	S20, flap weir, no equalizer, 2 in. slip	1	10
	ADMIRAL SKIMMER ACCESSORIES		
506162Z	Equalizer check valve	1	0.25
85018000	Lid with ring seat, S15 & S20, 9 in. beige	1	1
85002300	Extension collar for ring seat, adjustable to 3 in.	1	0.50
85001900	Vacuum plate adapter, S15 & S20	1	0.50
85007400Z	Lock down lid for existing Admiral skimmers, white	1	0.50
85007411	Lock down lid for existing Admiral skimmers, black	1	0.50
85007413	Lock down lid for existing Admiral skimmers, gray	1	0.50
85007430	Lock down lid for existing Admiral skimmers, tan	1	0.50
85000400	Lid/collar set, white	1	0.50

[1] NSF certified for commercial installation. Check valve 506162Z must be purchased separately.

Dimensions and Performance



NSF Certified to NSF/ANSI Standard 50

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SEE PAGE 515 FOR REPLACEMENT PARTS

BERMUDA™ SKIMMERS

SKIMMERS FOR GUNITE POOLS, VINYL LINER, AND FIBERGLASS POOLS

Featured Highlights

Choose among the following configurations:

- ABS or PVC
- White, black, and tan colors available
- 1-1/2 in. or 2 in. slip or threaded ports
- Optional equalizer valve

Bermuda Skimmers feature a heavy-duty one-piece construction with sturdy external ribbing for superior strength. All Bermuda Skimmers for vinyl liner and fiberglass pools are made from ABS plastic.

Gunite Skimmer

CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov. P/N 2007143

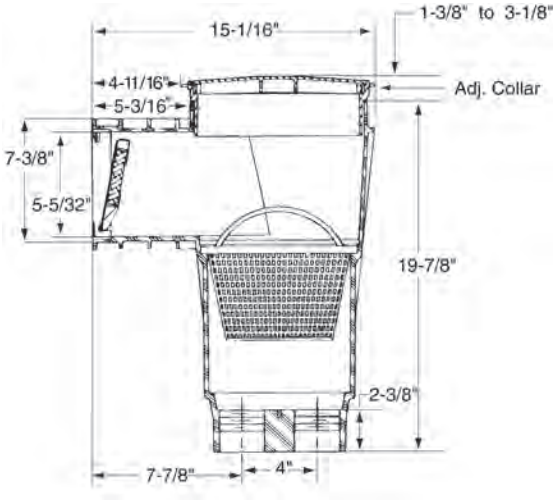
Ordering Information

Product	Description	Material Type	Carton Qty.	Carton Wt. (Lbs.)
	GUNITE SKIMMERS			
506300	2 in. Slip ports, white	PVC	1	10
506302	2 in. Slip ports, tan	PVC	1	10
506361	2 in. Slip ports, white	ABS	1	10
506365	2 in. Slip ports, black	ABS	1	10
	GUNITE SKIMMERS WITH FLOAT VALVE ASSEMBLY			
506382	2 in. Slip ports, tan	ABS	1	10
506308	2 in. Slip ports with float valve, white	PVC	1	10
	GUNITE SKIMMERS WITH FLOAT VALVE & EQUALIZER VALVE ASSEMBLY			
506370	2 in. slip ports, white [1] (BKG)	PVC	1	10

[1] NSF certified.

Dimensions and Performance

Gunite Skimmer



SEE PAGE 515 FOR REPLACEMENT PARTS

BERMUDA™ SKIMMERS (CONT'D)

A

B

F

E

CALIFORNIA PROPOSITION 65 WARNING

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www.p65warnings.ca.gov.

P/N 280174.A

Ordering Information

Item	Product	Description	Carton Wt. (Lbs.)
		BERMUDA ACCESSORIES	
A	506160Z	Float valve assembly	1
B	506161	Vacuum plate/insert assembly, white	0.50
C	506162Z	Equalizer valve assembly	1.3
E	516253	Gunite extension collar, white, 3-1/8 in. length	0.20
E	516258Z	Gunite extension collar, tan, 3-1/8 in. length	0.60
E	516329Z	Gunite extension collar, black, 3-1/8 in. length	0.60
F	510327	Deck lid and collar assembly with screws, dark gray	1.3
F	510332Z	Deck lid, dark gray	0.50
F	516215	Deck lid, white	0.50
F	516216	Deck lid, tan	0.50
F	516254Z	Deck lid and collar assembly with screws, white	1.3
F	516261Z	Deck lid and collar assembly with screws, tan	1.3
F	516306Z	Deck lid, black	0.50
F	516328Z	Deck lid and collar assembly with screws, black	1.3

SEE PAGE 515 FOR REPLACEMENT PARTS

U-3 SKIMMERS

SWIMQUIP INGROUND SKIMMERS

STA-RITE

Ordering Information

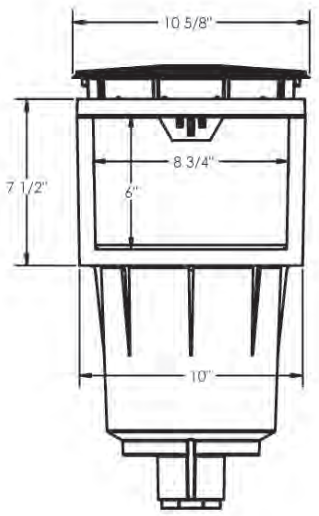
Product	Description	Carton Qty.	Carton Wt. (Lbs.)
	SKIMMERS FOR CONCRETE POOLS		
08650-1403	U-3 Skimmer White w/ White Lid & Frame, 2 in. NPT with 1-1/2 in. NPT Reducers; Incl. Float and Check Valve, Basket [1]	48	10
08650-1404	U-3 Skimmer White w/ White Lid & Frame, 2 in. Slip with 1-1/2 in. Slip Reducers; Incl. Float and Check Valve, Basket [1]	48	10
08650-3404	U-3 Skimmer Gray w/ Gray Lid & Frame, 2 in. Slip with 1-1/2 in. Slip Reducers; Incl. Float and Check Valve, Basket; NSF [1]	48	10
08650-2404	U-3 Skimmer White w/ Tan Lid & Frame, 2 in. Slip with 1-1/2 in. Slip Reducers; Incl. Float and Check Valve, Basket [1]	48	10
08650-4404	U-3 Skimmer White w/ White Lid & Frame, 2 in. Slip with 1-1/2 in. Slip Reducers; Incl. Basket w/o float	48	9
08650-6404	U-3 Skimmer Gray w/ Gray Lid & Frame, 2 in. Slip with 1-1/2 in. Slip Reducers; Incl. Basket w/o float	48	9
08650-5404	U-3 Skimmer White w/ Tan Lid & Frame, 2 in. Slip with 1-1/2 in. Slip Reducers; Incl. Basket w/o float	48	9

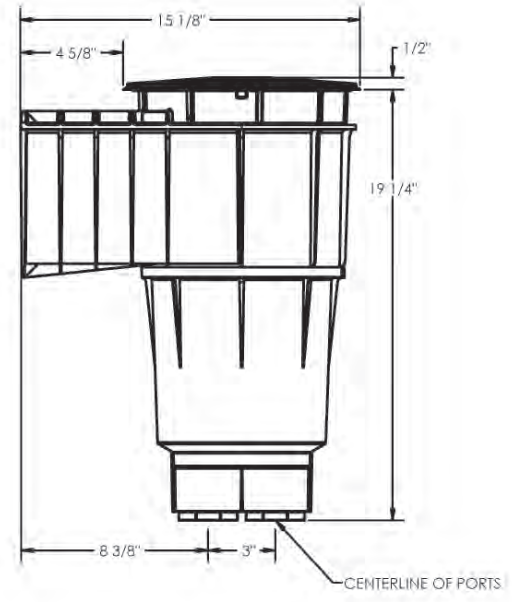
[1] NSF certified. Only skimmers with Float Valve assemblies are NSF certified.

Note: All U-3 Skimmers are made with high strength ABS plastic.

Dimensions and Performance

U3 Skimmer for concrete





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www.p65warnings.ca.gov. P/N 2001747-A

SEE PAGE 515 FOR REPLACEMENT PARTS

QUIKSKIM VENTURI POWERED
COMPLETE SKIMMERS

QuikSkim Black Body, Black Ring Lid, w/ Foam

Optional Bonding Lug

Featured Highlights

- Natural water pressure creates a strong vacuum to clear more debris
- Uses existing return water to create stronger skimming action
- Optimizes energy usage
- Durable housing is available in multiple colors
- Available for concrete, vinyl, and fiberglass pools

CALIFORNIA PROPOSITION 65 WARNING

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www.p65warnings.ca.gov. P/N 2017X-A

Through venturi-powered skimming, natural water pressure from the pool creates a strong vacuum to clear debris, while reducing the need for pump suction. Not only is the process efficient, it also provides effective surface skimming.

Ordering Information

Pentair Item #	With Lug	Product Name & Description
		QUIKSKIM COMPLETE WITH PROTECTA FOAM
505107	504107	QuikSkim White Body, Tan Ring Lid, w/ Foam
505101	504101	QuikSkim White Body, White Ring Lid, w/ Foam
505102	504102	QuikSkim White Body, Gray Ring Lid, w/ Foam
505307	504307	QuikSkim Gray Body, Tan Ring Lid, w/ Foam
505301	504301	QuikSkim Gray Body, White Ring Lid, w/ Foam
505302	504302	QuikSkim Gray Body, Gray Ring Lid, w/ Foam
		QUIKSKIM COMPLETE WITH PROTECTA NO LID OR RING
505110	504110	QS w/ Protecta, White Body, No Lid or Ring
505310	504310	QS w/ Protecta, Gray Body, No Lid or Ring
		QUIKSKIM VINYL
501123	–	QuikSkim Vinyl White Body, Dark Gray Ring Lid
		QUIKSKIM FIBERGLASS
517337	–	QS Fiberglass Dark Gray Body, Tan Ring Lid
517333	–	QS Fiberglass Dark Gray Body, Dark Gray Ring Lid
510137	–	QS Fiberglass White Body, Tan Ring Lid
501131	–	QS Fiberglass White Body, White Ring Lid
518303	–	QS Fiberglass Square Frame Dark Gray
518007	–	QS Fiberglass Square Frame Tan
518101	–	QS Fiberglass Square Frame White

SEE PAGE 515 FOR REPLACEMENT PARTS

REPLACEMENT SKIMMER LIDS WITH AND WITHOUT THERMOMETERS

Featured Highlights

- Lids are available in three colors to blend with the pool environment
- Available to fit Pentair Aquatic Systems and other popular skimmer brands

Skimmer Lids with Thermometers

CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
⚠ **AVERTISSEMENT:** Peut Causer le Cancer et des Dommages au Système Reproducteur.
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

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Skimmer thermometers can reduce misplacement and breakage problems sometimes seen with floating thermometers. The hermetically sealed face is built for strength and weather resistance. The outside temperature will not affect the performance of the thermometer.

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
	SKIMMER LIDS WITH THERMOMETER		
L1	SwimQuip, Swimrite, Jacuzzi® (New Style), Hayward®, 9-7/8 in., white	1	3/4
L1B	SwimQuip, Swimrite, Jacuzzi (New Style), Hayward, 9-7/8 in., almond	1	3/4
L4W	Pentair Aquatic Systems, 9-3/16 in. round, white	1	3/4
L6W	Pentair Aquatic Systems, Bermuda, 9-1/4 in., white	1	3/4
	SKIMMER LIDS WITHOUT THERMOMETER		
L1RW	SwimQuip, Swimrite, Jacuzzi, Hayward (New Style), 9-7/8 in., white	1	3/4
L2R	Baker, Hydro, 9-7/8 in., white	1	3/4
L4RW	American Products, 9-3/16 in. round, white	1	3/4
L5R	Pentair Aquatic Systems (Old Style), 8-3/8 in., white	1	3/4

Jacuzzi® is a registered trademark of Jacuzzi, Inc.; Hayward® is a registered trademark of Hayward Industries, Inc.; Baker Hydro® is a registered trademark of Waterco USA DBA Baker Hydro Corp.

SEE PAGE 515 FOR REPLACEMENT PARTS

GUTTER DRAINS

DRAINS AND FITTINGS

540064

542038

542039

Featured Highlights

Pentair gutter drains come with an extra deep socket connection

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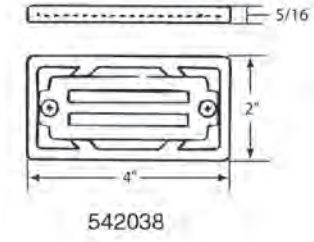
Ordering Information

Product	Description	Flow Rate (GPM)	Open Area (Sq. In.)	Carton Qty.
	GUTTER DRAINS			
540063	2 in. x 4 in. gutter drain & grate, white	14.5 @ 1-1/2 ft./sec.	3.09	50
540064	2 in. x 4 in. gutter drain & grate, black	14.5 @ 1-1/2 ft./sec.	3.09	50
540065	2 in. x 4 in. gutter drain & grate, dark gray	14.5 @ 1-1/2 ft./sec.	3.09	50
542038	2 in. x 4 in. 3-bar frame & grate, white	8.0 @ 1-1/2 ft./sec.	1.71	50
542039	2-1/2 in. x 6 in. gutter drain & grate, white	22.5 @ 1-1/2 ft./sec.	4.81	50
542146	2 in. x 4 in. grate (hi-style), white	14.5 @ 1-1/2 ft./sec.	3.09	50
552511	2 in. x 4 in. grate (fits 540063, 542037)	14.5 @ 1-1/2 ft./sec.	3.09	50

Dimensions and Performance



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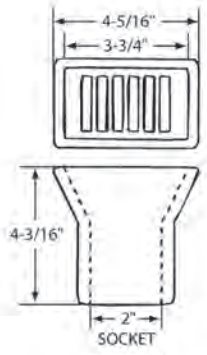
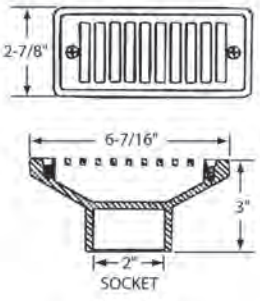


540064



542039

SEE PAGE 515 FOR REPLACEMENT PARTS

STARGUARD® MAIN DRAINS

MAIN DRAIN FRAME AND GRATE

Featured Highlights

- Available in multiple colors
- Compliant with the Virginia Graeme Baker Pool and Spa Safety Act

CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

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StarGuard Main Drains comply with provisions of the ANSI/APSP/ICC-16 2017 standard and the Virginia Graeme Baker Pool and Spa Safety Act. High-quality StarGuard Main Drains are available in white, black, gray, and dark gray as well as a variety of configurations to fit most residential inground pool or spa installations. StarGuard main drains have 15.35 square inches of open area for water flow and allow flow rates up to 72 GPM at 1-1/2 ft./sec.

Ordering Information

Product	Description	Flow Rate Floor (GPM)	Flow Rate Wall (GPM)	Open Area (Sq. In.)
	8 IN. STARGUARD COVER WITH LONG RING			
500108	8 in. StarGuard cover w/ long ring (single), white	136	88	15.35
500100	8 in. StarGuard cover w/ long ring (single), black	136	88	15.35
500101	8 in. StarGuard cover w/ long ring (single), dark gray	136	88	15.35
500102	8 in. StarGuard cover w/ long ring (single), gray	136	88	15.35
500140	8 in. StarGuard cover w/ long ring (2 pack), white	136	88	15.35
500141	8 in. StarGuard cover w/ long ring (2 pack), black	136	88	15.35
500142	8 in. StarGuard cover w/ long ring (2 pack), dark gray	136	88	15.35
500143	8 in. StarGuard cover w/ long ring (2 pack), gray	136	88	15.35
	8 IN. STARGUARD COVER WITH SHORT RING AND COVER			
500103	8 in. StarGuard cover w/ short ring (single), white	136	88	15.35
500104	8 in. StarGuard cover w/ short ring (single), black	136	88	15.35
500105	8 in. StarGuard cover w/ short ring (single), dark gray	136	88	15.35
500106	8 in. StarGuard cover w/ short ring (single), gray	136	88	15.35
500144	8 in. StarGuard cover w/ short ring (2 pack), white	136	88	15.35
500145	8 in. StarGuard cover w/ short ring (2 pack), black	136	88	15.35
500146	8 in. StarGuard cover w/ short ring (2 pack), dark gray	136	88	15.35
500147	8 in. StarGuard cover w/ short ring (2 pack), gray	136	88	15.35
	8 IN. STARGUARD DRAIN WITH 2 IN. SIDE AND 1-1/2 IN. BOTTOM PORTS ABS SUMP WITH RING AND COVER			
500110	8 in. StarGuard drain w/ 2 in. side & 1-1/2 in. bottom ports ABS sump w/ ring & cover (2 pack), white	136	88	15.35

SEE PAGE 515 FOR REPLACEMENT PARTS

STARGUARD® MAIN DRAINS (CONT'D)

Product	Description	Flow Rate Floor (GPM)	Flow Rate Wall (GPM)	Open Area (Sq. In.)
8 IN. STARGUARD DRAIN WITH 2 IN. SIDE PORT ABS SUMP WITH RING AND COVER				
500115	8 in. StarGuard drain w/ 2 in. side port ABS sump w/ ring & cover (2 pack), white	136	88	15.35
8 IN. STARGUARD DRAIN WITH DUAL 2 IN. BOTTOM PORTS ABS SUMP AND COVER				
500120	8 in. StarGuard drain w/ dual 2 in. bottom ports ABS sump & cover (2 pack), white	136	88	15.35
8 IN. STARGUARD DRAIN WITH 2 IN. SIDE AND 1-1/2 IN. BOTTOM VINYL LINER ABS SUMP				
500130	8 in. StarGuard drain w/ 2 in. side & 1-1/2 in. bottom vinyl liner ABS sump (2 pack), white	136	88	15.35

500108
8 in. StarGuard cover w/ long ring

500103
8 in. StarGuard cover w/ short ring

500110
8 in. StarGuard drain w/ 2 in. side & 1-1/2 in. bottom ports ABS sump w/ ring & cover

500115
8 in. StarGuard drain w/ 2 in. side port ABS sump w/ ring & cover

500120
8 in. StarGuard drain w/ dual 2 in. bottom ports ABS sump & cover

500130
8 in. StarGuard drain w/ 2 in. side & 1-1/2 in. bottom vinyl liner ABS sump

SEE PAGE 515 FOR REPLACEMENT PARTS

AVSC HEAVY DEBRIS REMOVAL DRAIN

COMPLETE DRAINS

Featured Highlights

- Available in single and dual-inlet models
- Easy installation, including construction cover
- For pools, spas, and water features
- Available with a pebble top lid

AVSC Single Standard Top Channel Drain White

AVSC Single Suction Pebble Top Drain White

AVSC Dual Standard Top Channel Drain White

AVSC Dual Suction Pebble Top Drain White

AVSC Vinyl Dual Suction White

The AVSC drain is a heavy debris removal drain in an unblockable package. The AVSC drain conforms to all current ANSI, NSF and VGB anti-entrapment standards, and boasts one of the highest flow rates of debris removal drains in the U.S. to date.

Available in a both dual or single port models (accepting both 2.5" and 3" pipe) the AVSC comes in a wide variety of colors. In addition, an optional fillable lid is available to allow the drain to seamlessly blend into the surrounding finish of the pool.

Ordering Information

Pentair Item #	Product Name & Description
	AVSC SINGLE SUCTION STANDARD TOP DRAIN
285001	AVSC Single Standard Top Channel Drain White
285003	AVSC Single Standard Top Channel Drain Dark Gray
285004	AVSC Single Standard Top Channel Drain Black
285002	AVSC Single Standard Top Channel Drain Light Gray

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

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SEE PAGE 515 FOR REPLACEMENT PARTS

AVSC HEAVY DEBRIS REMOVAL DRAIN (CONT'D)

COMPLETE DRAINS

Pentair Item #	Product Name & Description
	AVSC DUAL SUCTION STANDARD TOP DRAIN
286101	AVSC Dual Standard Top Channel Drain White
286123	AVSC Dual Standard Top Channel Drain Dark Gray
286114	AVSC Dual Standard Top Channel Drain Black
286102	AVSC Dual Standard Top Channel Drain Light Gray
	AVSC SINGLE SUCTION PEBBLE TOP DRAIN
288101	AVSC Single Pebble Top Channel Drain White
288103	AVSC Single Pebble Top Channel Drain Dark Gray
288104	AVSC Single Pebble Top Channel Drain Black
288102	AVSC Single Pebble Top Channel Drain Light Gray
	AVSC DUAL SUCTION PEBBLE TOP DRAIN
289101	AVSC Dual Pebble Top Channel Drain White
289103	AVSC Dual Pebble Top Channel Drain Dark Gray
289104	AVSC Dual Pebble Top Channel Drain Black
289102	AVSC Dual Pebble Top Channel Drain Light Gray
	VINYL AVSC DUAL DRAIN
284161	AVSC Vinyl Dual White
284202	AVSC Vinyl Dual Light Gray

SEE PAGE 515 FOR REPLACEMENT PARTS

POOL SPECIALTY FITTINGS

Pentair plumbing unions are available in a wide variety of configurations. Specialty fittings such as the snap lock wall fitting, anchor cup, and rope hooks and the molded recessed steps are designed for ease of installation. Deck valve lid and ring allow for access to under deck valves and fittings. These fittings are manufactured to Pentair's high standards.

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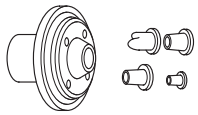
Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
	COMPLETE INSIDER WALL INLET FITTINGS FOR CONCRETE POOLS		
08429-0000	1-1/2 in. Slip, 3/16 in., 1/2 in., 3/4 in., 90° Nozzles, white	50	0.50
	EYEBALL INSIDER INLET FITTINGS		
08434-0000	1-1/2 in. Slip, 1/2 in., 3/4 in., 90° Nozzles, white	50	0.50
	ALL PURPOSE PLUGS		
195830	2 in. plug with O-ring	25	
	JETS FOR CONCRETE INSTALLATION		
46540000	Venturi Jet, 5/16 in. nozzle, 1/2 in. socket air x 1-1/2 in. socket water, 1-1/2 in. socket return	40	20
	FLOOR INLET FITTINGS		
08417-0000	2 in. Slip with 1-1/2 in. slip bushing, white [1]	50	1
	SPECIAL FITTINGS		
46550000	Aerator Cap, 1-1/2 in. for air channel, white	20	13
86201500	Aerator inlet (used as a return spray nozzle)	10	1
	GRATE INSERTS		
540057	Grate insert, 1-1/2 in. MIP, black [2]	50	2
	STEPS		
82400700	ABS Steps, set of three, white	1	3



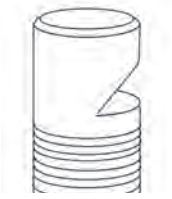
Wall Inlet Fittings

Eyeball Inlet Fittings

[1] Use only as a floor inlet fitting.

[2] Not for use as a suction fitting.

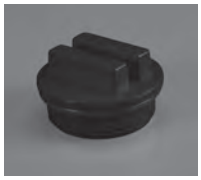
Vacuum Plug



86201500

46540000

46550000



2 in. Plug with O-Ring

SEE PAGE 515 FOR REPLACEMENT PARTS

RETURN FITTINGS
FOR SWIMMING POOLS

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
	GUNITE/CONCRETE		
542402	Long body, 1-1/2 in. threaded x 1-1/2 in. socket, white	50	9
542405	Standard body, 1-1/2 in. threaded x 1-1/2 in. socket, white	50	9
	FIBERGLASS POOLS & SPAS [2]		
542411	Long body, 1-1/2 in. threaded x 1-1/2 in. socket, spacer/locknut, white	50	9
	CONCRETE-WALLED VINYL LINER POOLS [1]		
542429	Standard body, 1-1/2 in. threaded x 1-1/2 in. socket, white	275	9
	VINYL LINER FITTINGS		
86205100	1-1/2 in. FIPT with screws, vinyl liner, white	50	25
545100	Face plate for vinyl liner return fitting, white	50	10
545101	Face plate for vinyl liner return fitting, black	50	10
545103	Face plate for vinyl liner return fitting, dark gray	50	10
	INSIDER FITTINGS FOR GUNITE/CONCRETE POOLS		
542423	2 in. slip body, for schedule 40 pvc pipe, white	100	7
542424	2 in. slip body, for schedule 40 pvc pipe, black	100	7

[1] Includes face plate, screws, & gaskets.

[2] Includes back gaskets.

542405

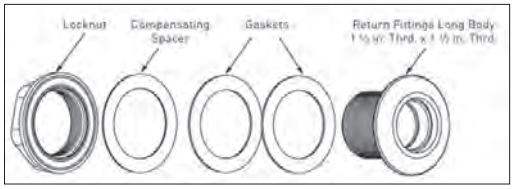
542402

542429

542411

86205100

542411



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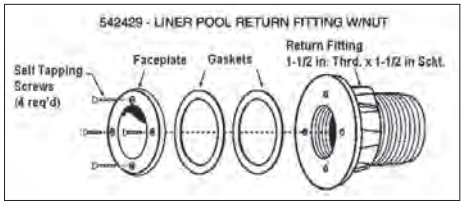

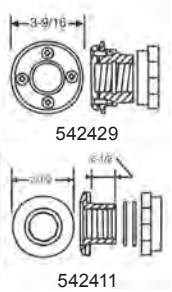

542429

542411

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WALL FITTINGS - INLETS

Ordering Information

Product	Description	Carton Qty.
	1-1/2 INCH THREADED DIRECTIONAL EYEBALLS	
542087	Ultimate eyeball 1-1/2 in. threaded with snap-in disks, 1/2 in., 3/4 in., 1 in., white	50
540014	1/2 in. opening, white	50
540021Z	3/4 in. opening, white	50
	ECONOMY INSIDER	
542000	1 in. slip inlet with snap-in 3/8 in., 3/4 in. and pressure test disks, white	300
542002	1-1/2 in. slip inlet with snap-in 1/2 in., 3/4 in, 1 in., and pressure test disks, white	200

542087

Economy Insider
542000

Directional eyeball inlets with 1-1/2 in. MIP thread to fit standard female adapter or wall fitting

SEE PAGE 515 FOR REPLACEMENT PARTS

AUTOMATIC WATER FILLERS

WATER LEVEL CONTROL

Featured Highlights

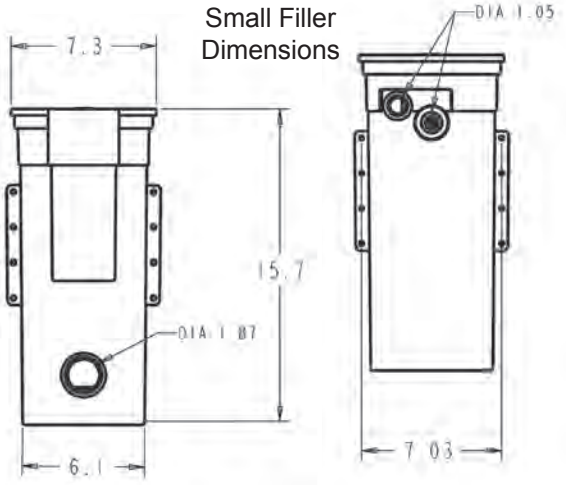
- Available for standard inground and vanishing edge pools
- Helps prevent equipment damage due to low water levels
- No electronic controls
- Aids in the prevention of water waste and landscape damage due to overfilling pool
- Available with white, gray, and almond colored lids

Automatic Water Fillers

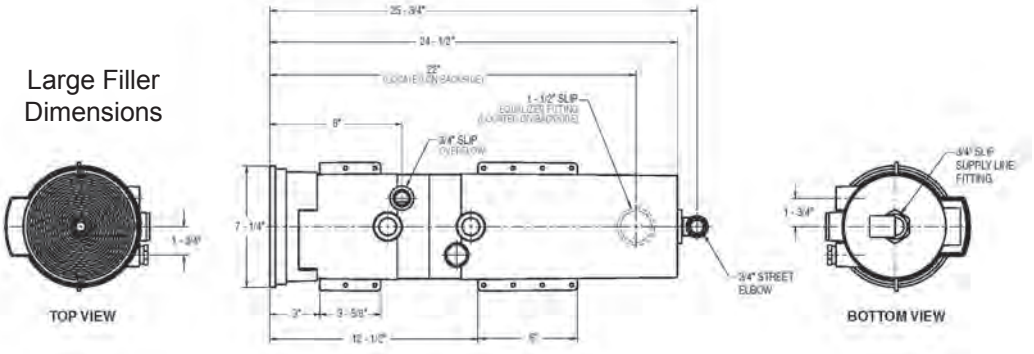
Ordering Information

Product	Description
AUTOMATIC WATER FILLERS	
T40BBE	AutoFill w/ side mounted float valve, almond
T40BG	AutoFill w/ side mounted float valve, gray
T40BW	AutoFill w/ side mounted float valve, white
T40FB	AutoFill w/ Fluidmaster® valve, almond
T40FG	AutoFill w/ Fluidmaster valve, gray
T40FW	AutoFill w/ Fluidmaster valve, white
T40FNB	AutoFill Vanishing Edge w/ Fluidmaster valve, almond
T40FNW	AutoFill Vanishing Edge w/ Fluidmaster valve, white

Small Filler Dimensions



Large Filler Dimensions



Fluidmaster Valve

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SEE PAGE 515 FOR REPLACEMENT PARTS

INLINE THERMOMETERS

FOR POOL AND SOLAR APPLICATIONS

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Ordering Information

Product	Description	Carton Qty.
	INLINE THERMOMETER WELLS	
SWN	Nylon well	12
	INLINE THERMOMETERS for Pool Applications	
SL1DW	30/130°F. w/ Nylon well	12

FLOWMETERS

FOR COMMERCIAL AND INDUSTRIAL LIQUID APPLICATIONS

Flowmeter

Featured Highlights

- Stainless steel guide and floats
- Easy installation and maintenance; no tools required, tightens by hand
- Textured surface on back of meter for improved readability
- Easy to read GPM and LPM Scales
- Brass threaded knurled nuts for durability

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Ordering Information

Product	GPM	Description	Carton Qty.	Carton Wt. (Lbs.)
		SMALL BODY FLOWMETERS		
LDF359N	2–16	3/4 in., Nylon threaded end	12	3/4
LDF359T	2–16	1 in., Brass threaded end	12	1-1/4

SEE PAGE 515 FOR REPLACEMENT PARTS

PENTAIR POOL

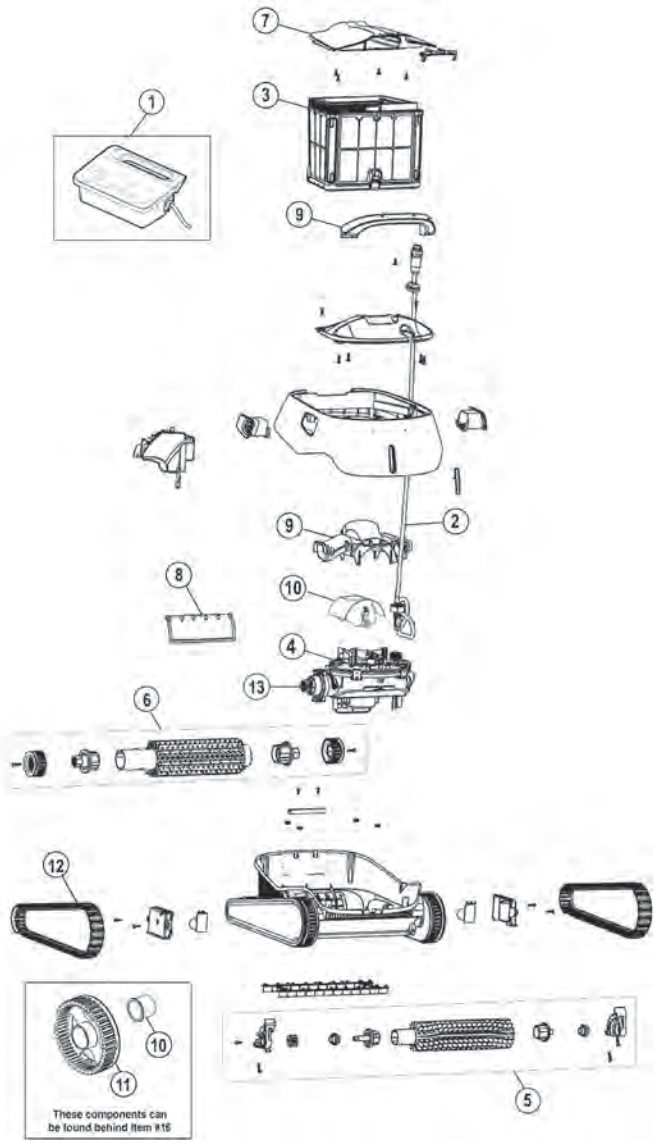
AUTOMATIC POOL CLEANER PARTS

Product Catalog 2025–2026

Updated June 2025

PENTAIR PROWLER® 930, 930W/PENTAIR WARRIOR® SI

CLEANER REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
		PROWLER 930/WARRIOR SI		
1	360400	Power Supply (930 & SI)	761.33	914.81
1	360541	Power Supply (930W)	900.56	1082.11
2	360446	Communication Cable	641.71	771.08
3	360507	Outer Filter Basket	564.67	678.51
4	360365	Motor Unit	1259.21	1513.07
5	360366	Front Brush Assembly	65.25	78.40
6	360367	Rear Brush Assembly	87.75	105.44
7	360447	Filter Cover, Prowler 930	48.54	58.33
8	360384	Rapid Drain Flap	15.67	18.83
9	360385	Handle Assembly, Prowler 930	46.59	55.98
10	360388	Front Brush Bushing	19.59	23.54
11	360372	Front Wheel	19.59	23.54
12	360342	Track	54.93	66.00
13	360547	Motor Gear	19.48	23.41
		NOT SHOWN		
	360445	Inner Filter Basket	170.09	204.38
	360363	Cartridge Filter Kit	280.63	337.21
	360364	Net Filter Kit	151.12	181.59
	360170	Cleaner Caddy	360.23	432.85

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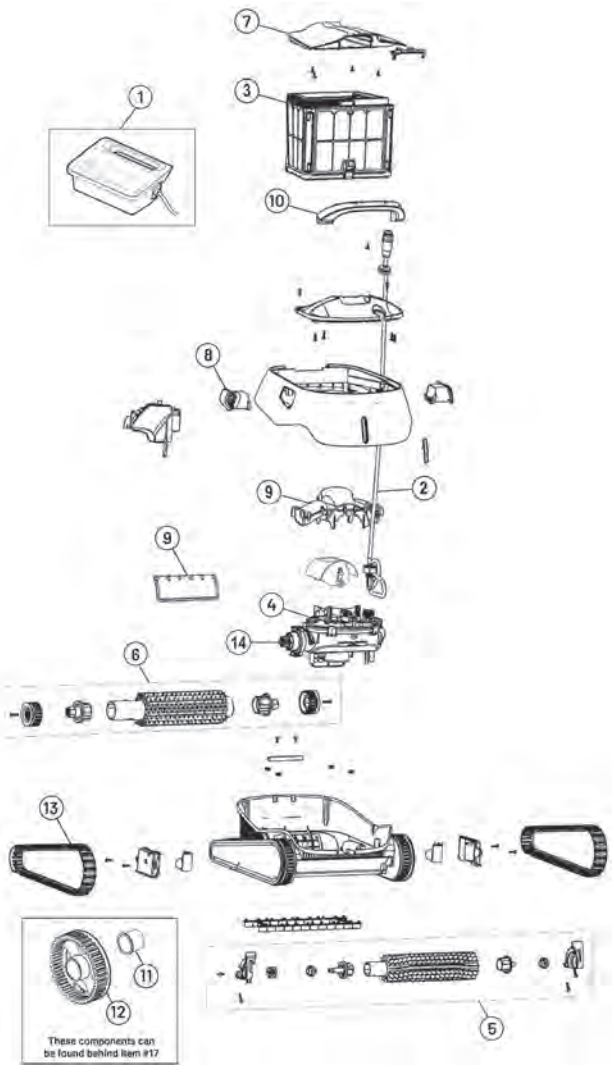
www.p65warnings.ca.gov. P/N 200074.A

PENTAIR PROWLER® 920 / WARRIOR® SE

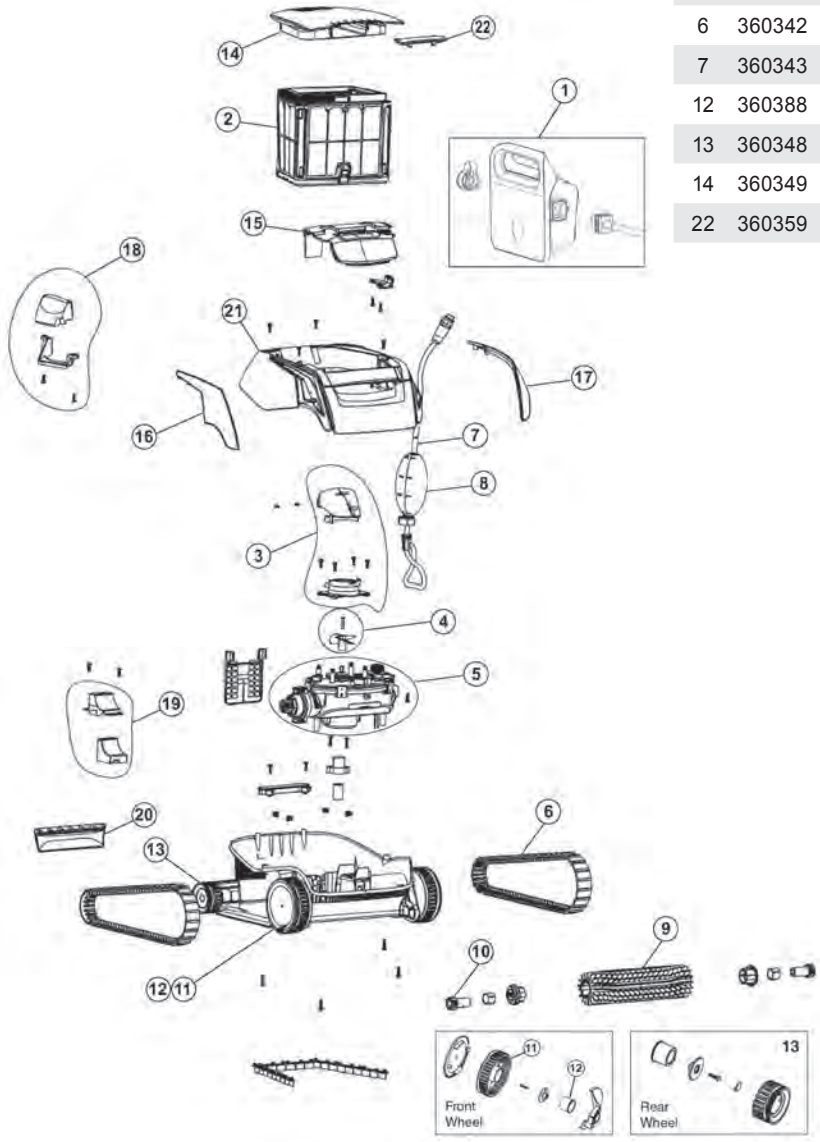
CLEANER REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
		PROWLER 920/WARRIOR SE		
1	360400	Power Supply	761.33	914.81
2	360499	Communication Cable	400.56	481.31
3	360362	Filter Basket	392.87	472.07
4	360365	Motor Unit	1259.21	1513.07
5	360366	Front Brush Assembly	65.25	78.40
6	360367	Rear Brush Assembly	87.75	105.44
7	360374	Filter Cover, Prowler 920	39.52	47.49
8	360378	Right Grill, Prowler 920	8.79	10.56
9	360384	Rapid Drain Flap	15.67	18.83
10	360385	Handle Assembly, Prowler 920	46.59	55.98
11	360388	Front Wheel Bushing	19.59	23.54
12	360372	Front Wheel	19.59	23.54
13	360342	Track	54.93	66.00
14	360547	Motor Gear	19.48	23.41
		NOT SHOWN		
	360340	Impeller	23.58	28.33
	360363	Cartridge Filter Kit	280.63	337.21
	360364	Net Filter Kit	151.12	181.59
	360381	Rear Wheel	7.83	9.41



PENTAIR PROWLER® 910 / WARRIOR SL

CLEANER REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
		PROWLER 910/WARRIOR SL		
1	360337	Power Supply	736.58	885.07
2	360496	Filter Assembly	222.53	267.39
4	360340	Impeller	23.58	28.33
5	360341	Motor Unit	881.75	1059.51
6	360342	Track	54.93	66.00
7	360343	Communication Cable	143.27	172.15
12	360388	Front Wheel Bushing	19.59	23.54
13	360348	Rear Wheel Assembly	30.06	36.12
14	360349	Filter Cover, Prowler 910	78.52	94.35
22	360359	Latch	23.20	27.88

CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
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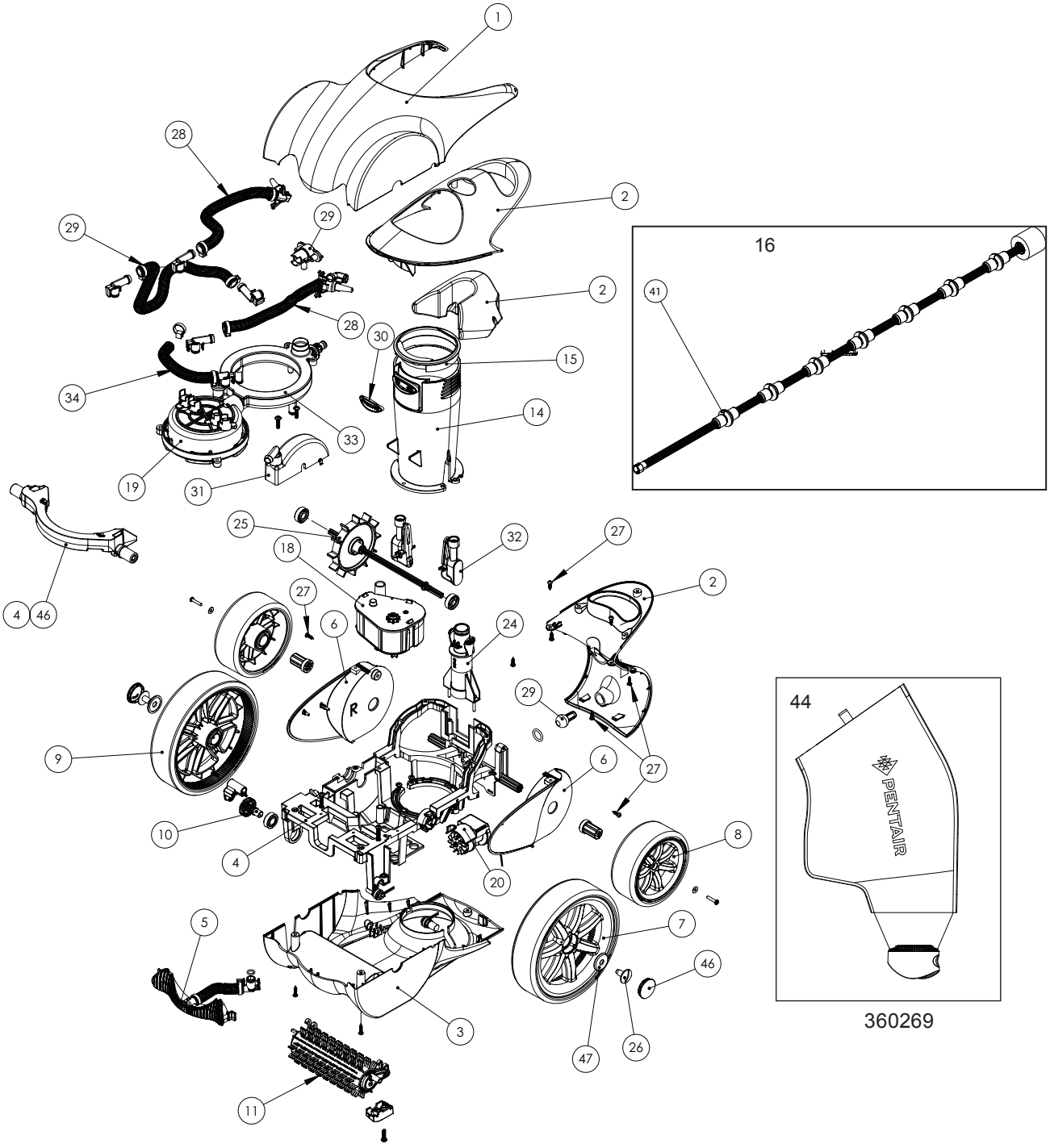
NOTES:

PENTAIR RACER® PRESSURE-SIDE CLEANER

CLEANER REPLACEMENT PARTS



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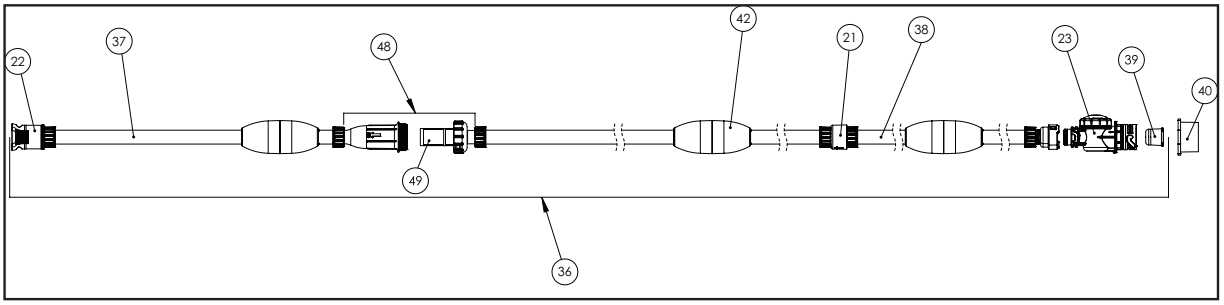

PENTAIR RACER® PRESSURE-SIDE CLEANER (CONT'D)

CLEANER REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. Liet
RACER REPLACEMENT PARTS				
2	360230	Rear Cover Kit	92.79	111.50
7	360235	Large Wheel Kit	70.38	84.57
8	360236	Small Wheel Kit	101.10	121.48
9	360237	Large Tires Kit	74.04	88.97
10	360238	Scrubber Gear Kit	21.68	26.05
11	360239	Scrubber Kit	100.61	120.89
12*	360240	Debris Bag Kit (w/o collar), hook and loop fastener	72.90	87.60
13*	360241	Debris Bag Collar Kit	19.28	23.17
14	360242	Vacuum Tube Kit	56.13	67.45
16	360244	Sweep Hose Kit	86.39	103.81
17	360245	Sweep Hose Scrubber Kit	21.56	25.91
18	360246	Gear Box Kit	67.33	80.90
19	360247	Timer Valve Kit	115.90	139.27
21	360249	Feedline Swivel Kit (incl. (swivel -1) (Mender Nut - 2)	80.78	97.07
22	360250	Feedline Quick Connector to cleaner Kit (mender nut, swivel and connector)	39.86	47.90
23	360251	Feedline Wall Connector Kit (wall fitting w/2 O-rings)	56.54	67.94
25	360253	Drive Shaft Kit (drive shaft & 2 bearings)	36.25	43.56
31	360414	Turbine Kit	32.39	38.92
33	360261	Water Management Kit	43.57	52.35
35	360263	See Racer Tune-Up Kit below	64.05	76.96
36	360264	Feed Line Hose Kit Complete	92.79	111.50
37	360265	Soft Feed Line Hose Kit 10'	32.00	38.45
38	360266	Hard Feed Line Hose Kit 10'	95.77	115.08
39	E24	Debris Screen	27.64	33.21
40	LL23PM	Threaded Wall Adapter	53.69	64.51
42	360270	Feed Line Float	101.10	121.48
48	360392	Inline Filter Kit	56.13	67.45

Item	Part No.	Description	US List	Can. Liet
INCLUDED IN RACER TUNE-UP KIT				
35	360263	Kit Includes: Bag (1), Driveshaft (1), Wheel Bearings (4), Driveshaft Bearings (2), Scrubber Bearing (1), Large Tires (2), Scrubber (1), Small Wheel (2), Needle Bearing (2), Wheel Screws (2), 1/2" Screws (2), Hubcaps (2)	255.93	307.53
NOT SHOWN				
	360320	Quick Disconnect Hose Connector Kit	6.47	7.77

Note: (*) Not shown

[1] If cleaner was manufactured before 01/15/16, replacement of Item #33 360261 Water Management Tub will be required

CALIFORNIA PROPOSITION 65 WARNING

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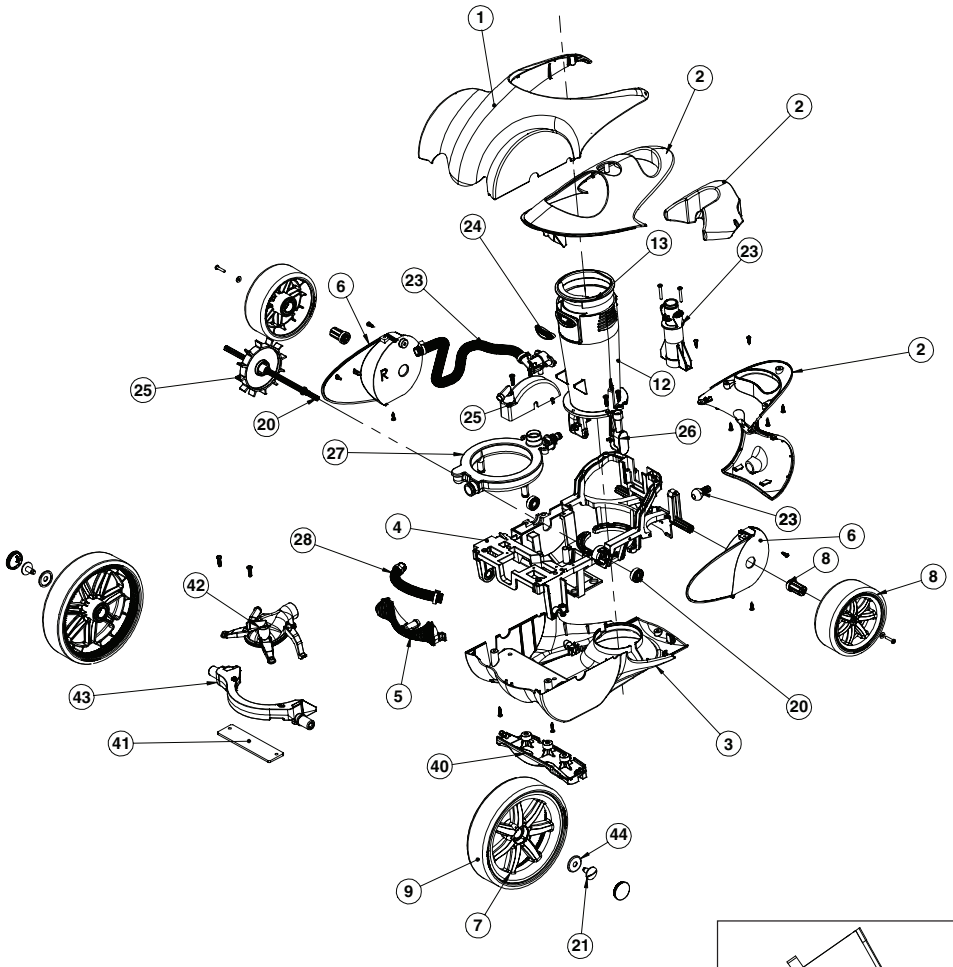
PENTAIR RACER® LS PRESSURE-SIDE CLEANER

CLEANER REPLACEMENT PARTS



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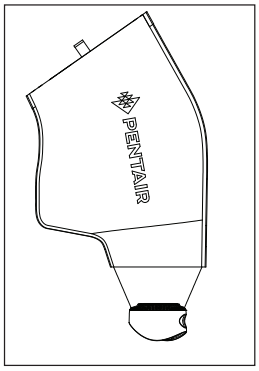

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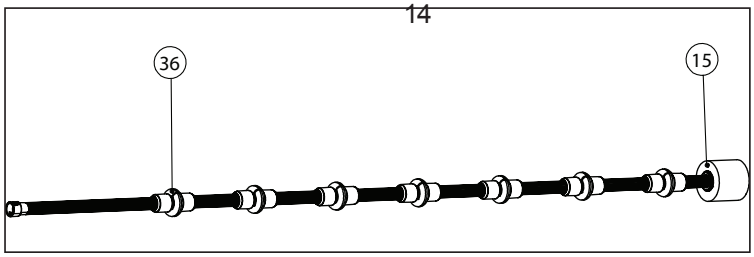

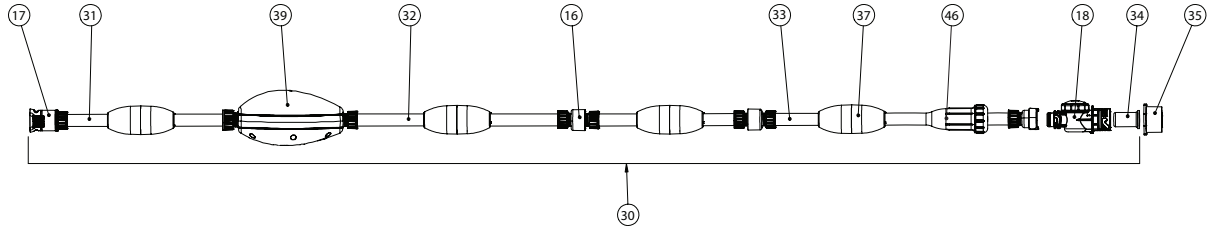

CALIFORNIA PROPOSITION 65 WARNING

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P/N 200174.A

PENTAIR RACER® LS PRESSURE-SIDE CLEANER (CONT'D)

CLEANER REPLACEMENT PARTS

Item	Part No.	Description	US List	Can LIst
RACER LS REPLACEMENT PARTS				
7	360235	Large Wheel Kit	70.38	84.57
8	360236	Small Wheel Kit	101.10	121.48
9	360237	Large Tires Kit	74.04	88.97
10*	360240	Debris Bag Kit (w/o collar), hook and loop fastener	72.90	87.60
11	360241	Debris Bag Collar Kit	19.28	23.17
12	360242	Vacuum Tube Kit	56.13	67.45
14	360244	Sweep Hose Kit	86.39	103.81
15	360245	Sweep Hose Scrubber Kit	21.56	25.91
16	360249	Feedline Swivel Kit	80.78	97.07
17	360250	Feedline Quick Connector Kit	39.86	47.90
18	360251	Feedline Wall Connector Kit	56.54	67.94
20	360253	Drive Shaft Kit	36.25	43.56
25	360414	Turbine Housing Kit	32.39	38.92
27	360416	Water Management Kit	21.60	25.95
30	360431	Hose Assy	803.18	965.10
33	360266	Hard Feedline Hose Kit, 10 Ft.	162.87	195.70
34	E24	Debris Screen	16.40	19.71
35	LL23PM	Threaded Wall Adapter	15.72	18.89
37	360270	Feed Line Float	CALL	CALL
39	360428	Backup Valve Kit	144.29	173.38
42	360415	Manifold Kit	67.21	80.76
46	360392	In-Line Filter Assembly	65.32	78.49
*	360320	Quick Disconnect Hose Connector Kit	6.47	7.77

Note: (*) Not shown

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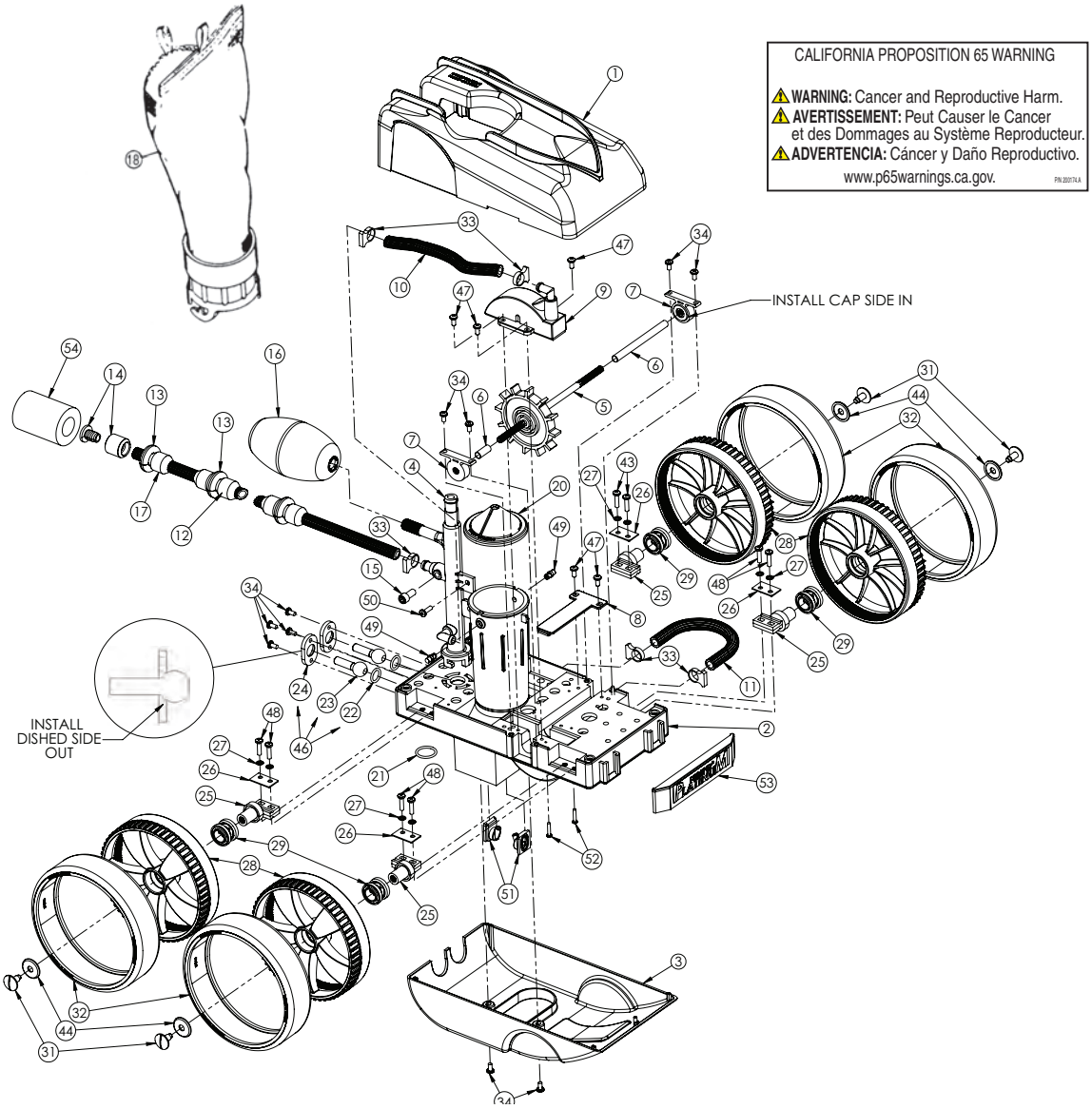
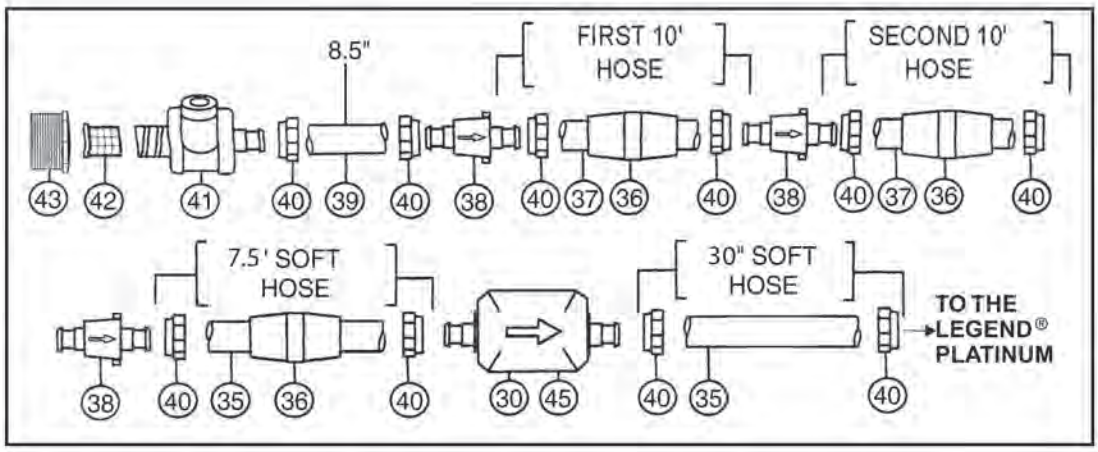
www.p65warnings.ca.gov. PIN 20017-A

KREEPY KRAULY® PLATINUM™

CLEANER REPLACEMENT PARTS - 2012 MODEL





KREEPY KRAULY® PLATINUM™ (CONT'D)

CLEANER REPLACEMENT PARTS - 2012 MODEL

Item	Part No.	Qty.	Description	US List	Can. List
PLATINUM REPLACEMENT PARTS					
1	LLU5PM	1	Top Cover - Gray	197.16	236.91
2	LLU145N	1	Main Frame - White	2175.35	2613.90
3	EU10N	1	Bottom Cover - White	110.86	133.21
3	LLU10NG	1	Bottom Cover - Gray	110.86	133.21
4	LLU6	1	Feed Mast with O-Ring - White	77.23	92.80
4	LLU6G	1	Feed Mast with O-Ring - Gray	93.87	112.79
5	EC86	1	Turbine Drive Shaft - Complete	60.33	72.49
7	EC80	2	Turbine Bearings - Gray	59.05	70.95
9	EC110	1	Turbine Shaft w/ Elbow - White	22.04	26.48
12	EB5L	1	Sweep Hose Complete - White	58.76	70.61
12	LLB5G	1	Sweep Hose Complete - Gray	86.73	104.21
15	EB20	1	Sweep Hose Adj. Screw - White	5.03	6.04
16	EA20	1	Ballast Float - White	CALL	CALL
16	LLA20G	1	Ballast Float - Gray	14.27	17.15
18	EU15	1	Coarse Mesh Bag - Blue/White Collar	83.53	100.37
18	EU15G	1	Coarse Mesh Bag - Blue/Gray Collar	84.93	102.05
18	EU16	1	Fine Mesh Bag - Velcro Brand Fastner	65.55	78.76
18	EU16G	1	Fine Mesh Bag - Velcro Brand Fastner - Gray	74.58	89.62
19	360002	1	Fine Mesh Bag - White Collar	84.73	101.81
19	360009	1	Fine Mesh Bag - Gray Collar	84.74	101.82
20	EU9	1	Debris Valve	6.11	7.34
24	LLC135G	2	Thrust Jet Plates - Gray	18.81	22.60
25	EC65	4	Axle - Large Wheels	8.29	9.96
28	370406Z	4	Wheel w/out Bearings - Gray	67.28	80.84
29	EC60	2	Wheel Bearings Only - White	32.60	39.17
30	E10	1	Back-Up Valve - White	161.37	193.90
30 *	LL10PM	1	Back-Up Valve - Gray	166.01	199.48
32	370405Z	1	Wheel - Rubber Tire - Black	43.02	51.69
33	EB15	5	Hose Clamp	4.65	5.59
35 *	LLD50PM	1	Feed Hose - Gray soft 10 ft.	87.10	104.66
36	ED10P	10	Float For Feed Hose - White	11.44	13.75
36 *	LLD10PM	10	Float For Feed Hose - Gray	40.97	49.23
37 *	LLD45PM	2	Feed Hose - 10 ft. - Gray	111.74	134.27
38	ED05	2	Swivel - Feed Hose - White	25.12	30.18
38 *	LLD05PM	2	Swivel - Feed Hose - Gray	36.65	44.04
40	ED15	8	Mender Nut - plastic - White	13.12	15.76
40 *	LLD15PM	8	Mender Nut - plastic - Gray	23.39	28.11
41 *	LLW22PM	1	Wall Fitting - Gray	83.20	99.97
41	EW22	1	Wall Fitting - White	60.18	72.31
41	E25	1	Pressure Relief Valve - White	23.58	28.33
42	E24	1	Screen - Wall Fitting	16.40	19.71
43	LL23PM	1	Quick Disconnect Adapter - Gray	15.72	18.89
43	E23	1	Quick Disconnect Adapter - White	7.92	9.52
49	EU147	2	Snap Fit Vac Tube Posts - White	9.77	11.74
49	LLU147G	2	Snap Fit Vac Tube Posts - Gray	10.53	12.65
54	370017	1	Sweep Hose - Scrubber	5.13	6.16
NOT SHOWN					
	LL209		Complete Hose Kit, White	538.41	646.95
	LL209PMG		Complete Hose Kit, Gray	983.32	1181.56

* Recommended for stock.

CALIFORNIA PROPOSITION 65 WARNING

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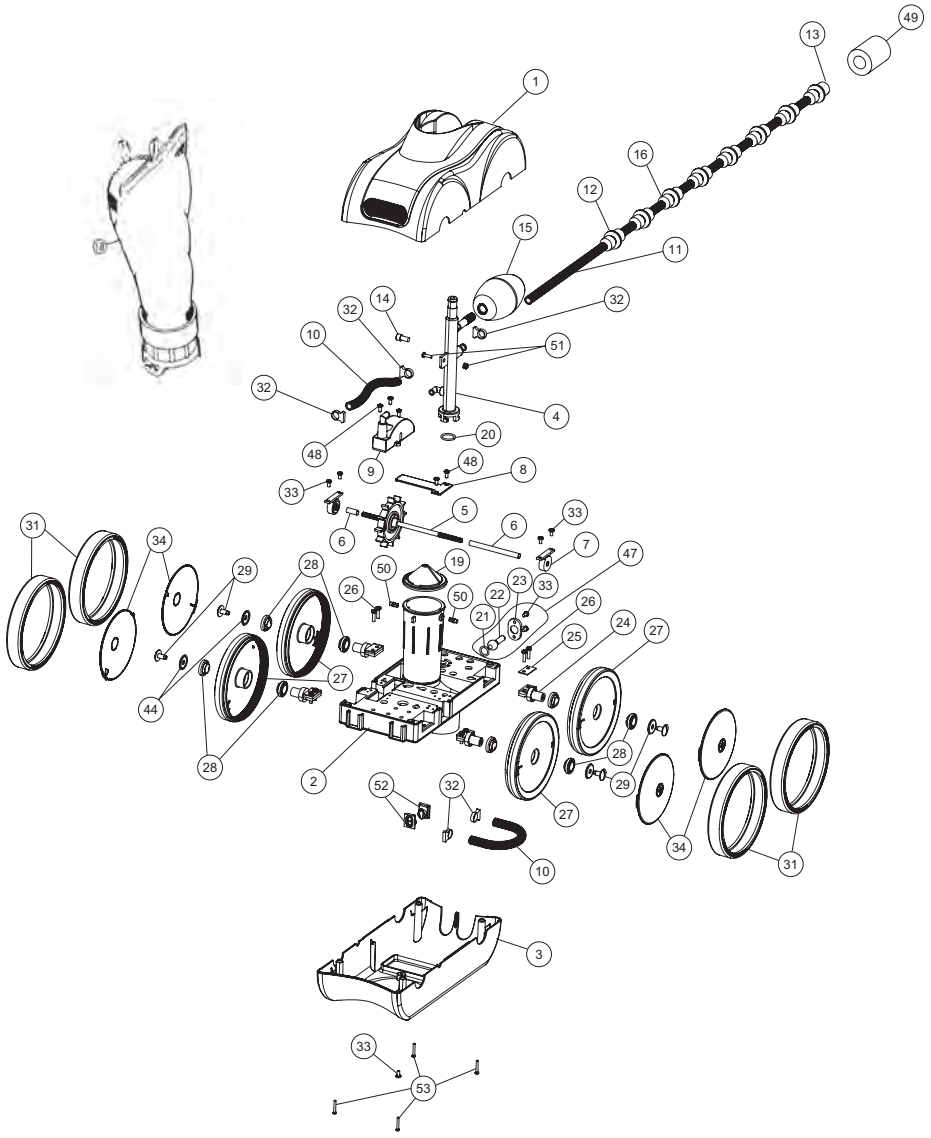
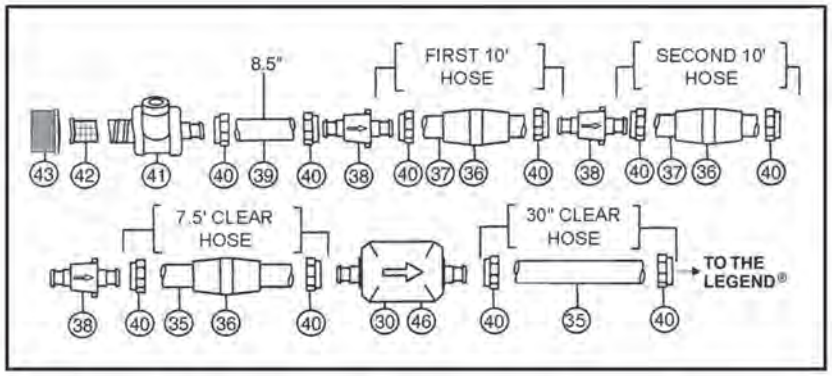
KREEPY KRAULY® LEGEND®

LL505G AND LL505GG CLEANER REPLACEMENT PARTS





CALIFORNIA PROPOSITION 65 WARNING

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KREEPY KRAULY® LEGEND® (CONT'D)

LL505G AND LL505GG CLEANER REPLACEMENT PARTS

Item	Part No.	Qty.	Description	US List	Can List
LEGEND 4 WHEEL REPLACEMENT PARTS					
1	360003	1	Top Cover	145.34	174.64
2	LLU145N	1	Main Frame	2175.35	2613.90
4	LLU6	1	Feed Mast w/ O-Ring - White	77.23	92.80
4	LLU6G	1	Feed Mast w/ O-Ring - Gray	93.87	112.79
5	EC86	1	Turbine Drive Shaft - Complete	60.33	72.49
7	EC80	2	Turbine Bearings	59.05	70.95
9	EC110	1	Turbine Cover w/ Elbows	22.04	26.48
11	EB5L	1	Sweep Hose - Complete	58.76	70.61
11	LLB5G	1	Sweep Hose - Complete - Gray	86.73	104.21
15	EA20	1	Ballast Float	9.82	11.80
15	LLA20G	1	Ballast Float - Gray	14.27	17.15
17	EU15	1	Coarse Mesh Bag - Blue (Optional - not shown)	83.53	100.37
17	EU15G	1	Coarse Mesh Bag - Blue/Gray Collar (Optional - not shown)	84.93	102.05
18	360002	1	Fine Mesh Bag - Mechanical Lock	84.73	101.81
18	360009	1	Fine Mesh Bag - Gray - Mechanical Lock	84.74	101.82
18	EU16	1	Fine Mesh Bag - Velcro Brand Fastener	65.55	78.76
18	EU16G	1	Fine Mesh Bag - Velcro Brand Fastener - Gray	74.58	89.62
19	EU9	1	Debris Valve	6.11	7.34
23	LLC135G	1	Thrust Jet - Plate - Gray	18.81	22.60
24	EC65	4	Axle - Large Wheels	8.29	9.96
27	360006	4	Wheel w/out Bearings	25.71	30.89
28	EC60	8	Wheel Bearings - Only	32.60	39.17
29	EC55	4	Wheel Screw Plastic	16.51	19.84
29	LLC55PM	4	Wheel Screw Plastic - Gray	17.91	21.52
30	E10	1	Back-up Valve	161.37	193.90
30	LL10PM	1	Back-up Valve - Gray	166.01	199.48
31	360007	4	Wheel - Rubber Tire	21.19	25.46
31	360012	4	Wheel - Gray Tire	21.17	25.44
32	EB15	5	Hose Clamp	4.65	5.59
34	360005	4	Hub Cap	7.57	9.10
35	LLD50PM	1	Feed Hose - Gray Soft - 10 ft.	87.10	104.66
36	ED10P	10	Float - Feed Hose	11.44	13.75
36	LLD10PM	10	Float - Feed Hose - Gray	40.97	49.23
37	LD45	2	Feed Hose - White - 10 ft.	50.85	61.10
37	LLD45PM	2	Feed Hose - Gray - 10 ft.	111.74	134.27
38	ED05	2	Swivel - Feed Hose	25.12	30.18
38	LLD05PM	2	Swivel - Feed Hose - Gray	36.65	44.04
40	ED15	8	Mender Nut - Plastic - Feed Hose	13.12	15.76
40	LLD15PM	8	Mender Nut - Plastic - Feed Hose - Gray	23.39	28.11
41	EW22	1	Wall Fitting Complete	60.18	72.31
41	LLW22PM	1	Wall Fitting - Gray Complete	83.20	99.97
41	E25	1	Pressure Relief Valve - White	23.58	28.33
42	E24	1	Screen - Wall Fitting	16.40	19.71
43	E23	1	Quick Disconnect Adapter	7.92	9.52
43	LL23PM	1	Quick Disconnect Adapter - Gray	15.72	18.89
–	EH09C	1	Sweep Hose Weight (Optional - not shown)	76.03	91.36
49	370017	1	Sweep Hose - Scrubber	5.13	6.16
50	EU147	2	Snap Fit Vac Tube Posts	9.77	11.74
50	LLU147G	2	Snap Fit Vac Tube Posts - Gray	10.53	12.65
ACCESSORIES					
	LL209	1	Legend Hose Kit	538.41	646.95
	370017		Sweep Hose Scrubber	5.13	6.16

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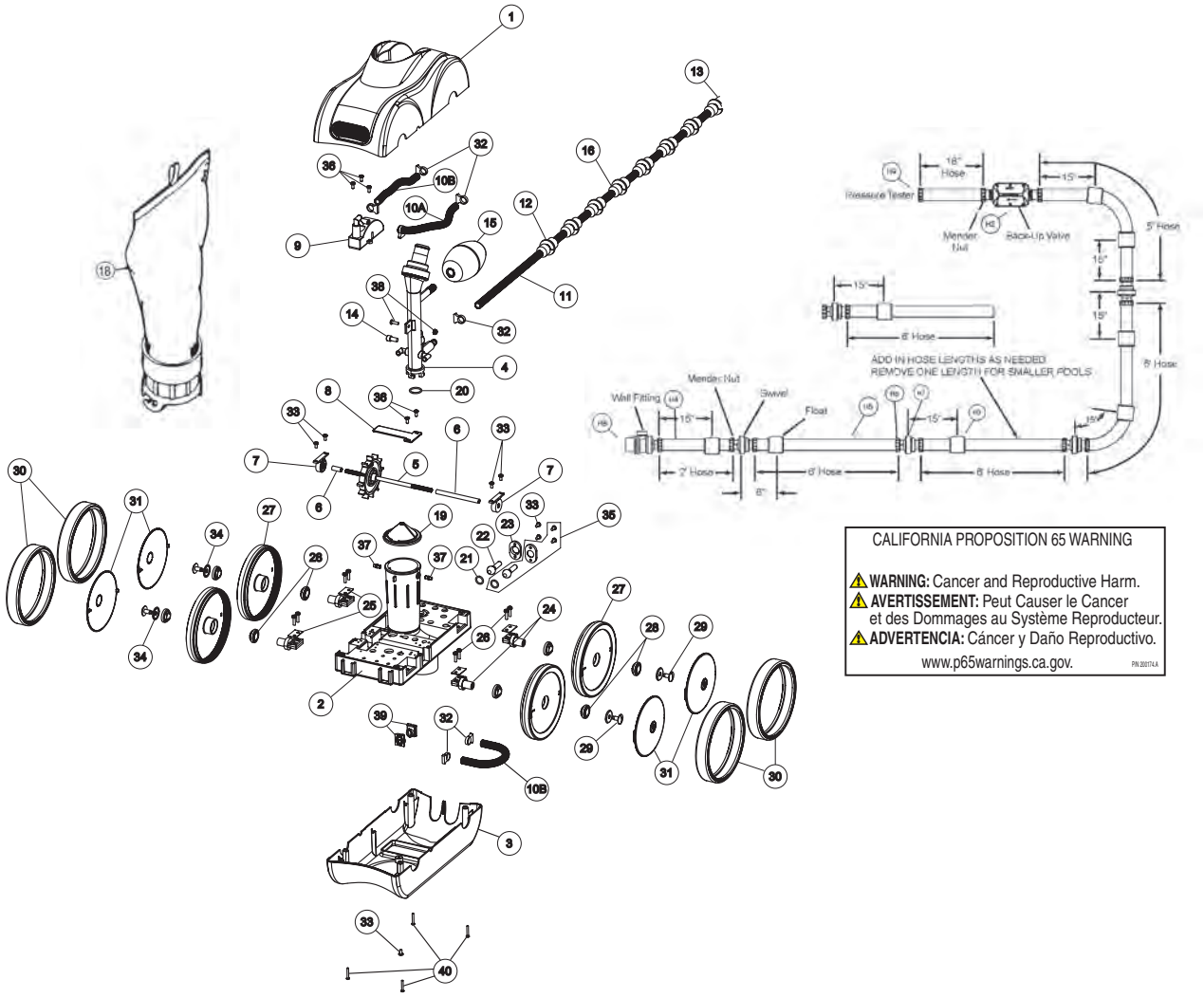
KREEPY KRAULY® LEGEND® II

LX5000G AND LX5000GG CLEANER REPLACEMENT PARTS

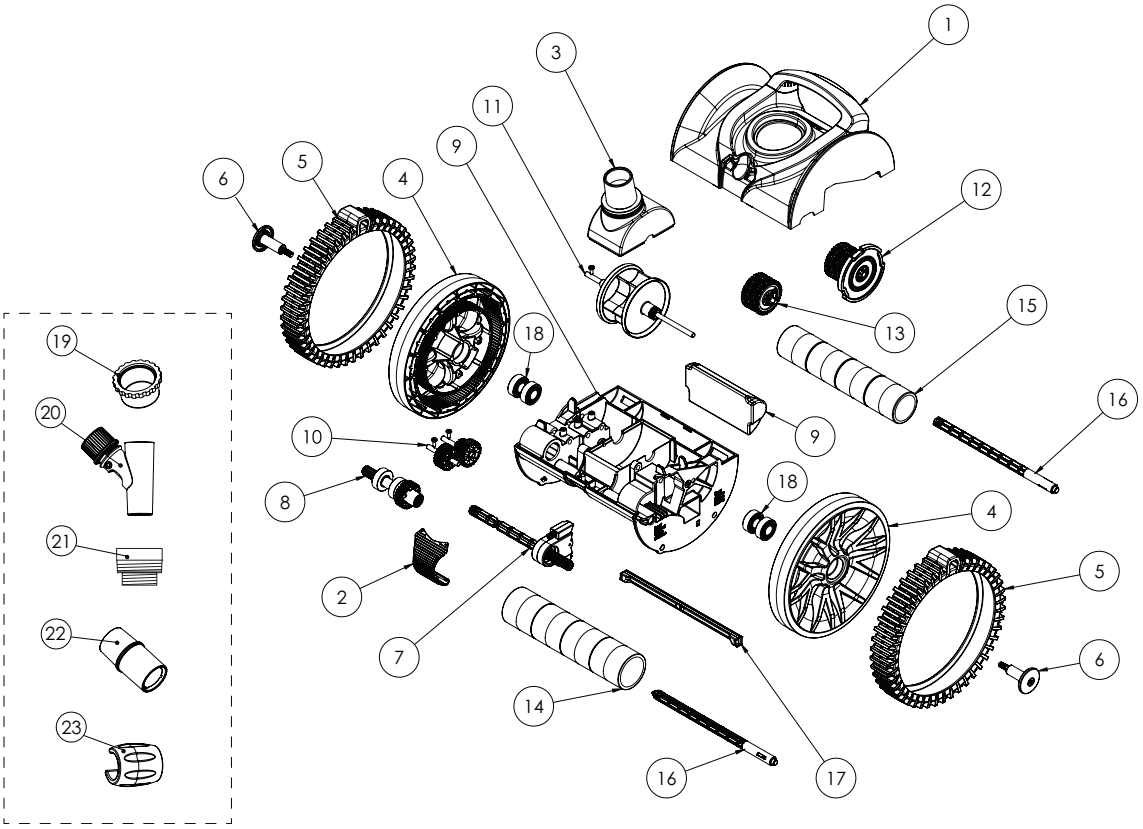


Item	Part No.	Qty.	Description	US List	Can. List
KREEPY KRAULY LEGEND II REPLACEMENT PARTS					
1	360003	1	Top Cover	145.34	174.64
4	LXU6	1	Feed Mast w/ O-Ring & Swivel Gray	82.98	99.71
5	EC86	1	Turbine Drive Shaft - Complete	60.33	72.49
7	EC80	2	Turbine Bearings	59.05	70.95
10A & B	EC120	2 & 1	Turbine/Venturi Hose 7-3/4 in. length	3.13	3.76

Item	Part No.	Qty.	Description	US List	Can. List
11	EB5L	1	Sweep Hose - Complete	58.76	70.61
11	LLB5G	1	Sweep Hose - Complete - Gray	86.73	104.21
15	EA20	1	Ballast Float	9.82	11.80
15	LLA20G	1	Ballast Float - Gray	14.27	17.15
17	EU15	1	Coarse Mesh Bag-Blue (Optional - not shown)	83.53	100.37
17	EU15G	1	Coarse Mesh Bag - Blue/Gray Collar (Optional - not shown)	84.93	102.05

PENTAIR REBEL®

CLEANER REPLACEMENT PARTS

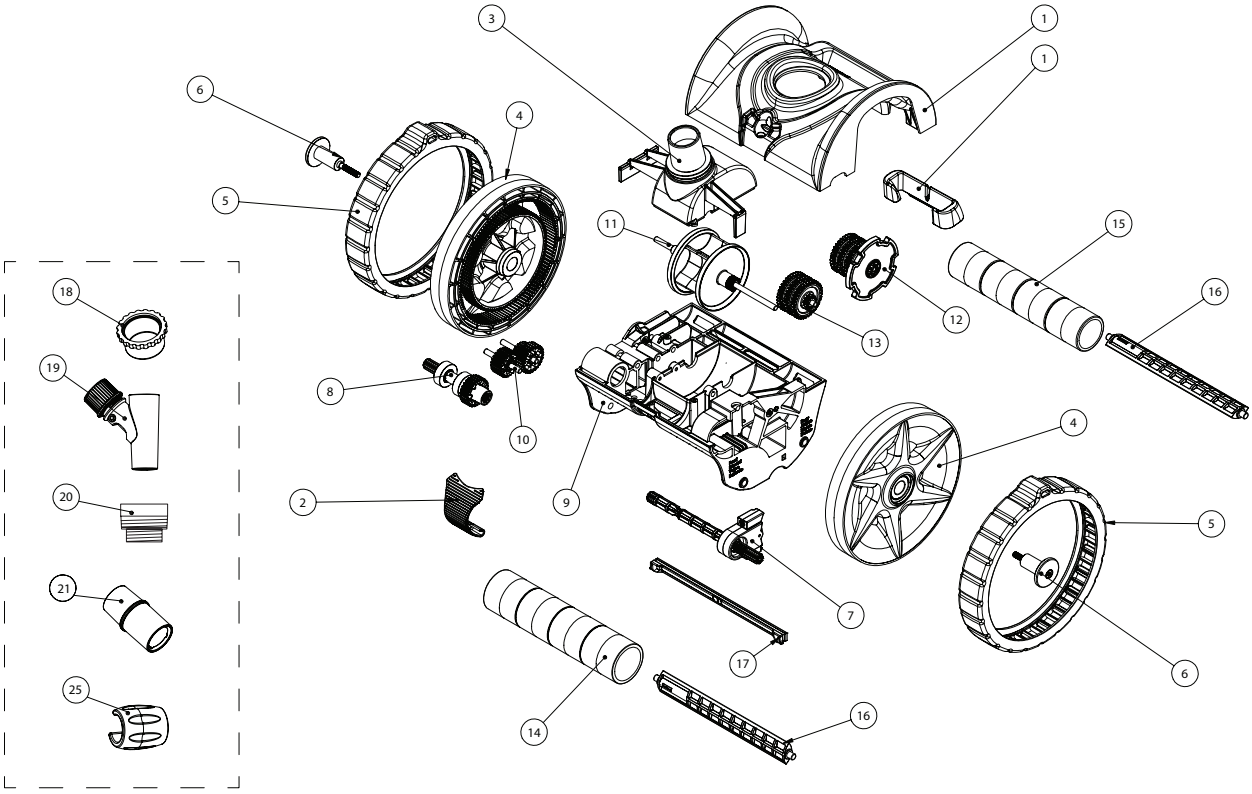


Item	Part No.	Qty.	Description	US List	Can. List
PENTAIR REBEL REPLACEMENT PARTS					
1	360477	1	Top Cover Kit	92.95	111.69
2	360284	1	Buckle Kit	12.37	14.86
3	360453	1	Swivel Kit	43.29	52.02
4	360480	1	Wheel Kit	80.88	97.19
5	360482	1	Tire Kit	109.14	131.14
6	360483	1	Wheel Hub Kit	32.49	39.04
7	360289	1	Left Drive Kit	56.62	68.03
8	360290	1	Right Drive Kit	64.73	77.78
10	360292	1	Drive Gear Kit	18.32	22.01
11	360293	1	Turbine Kit	47.57	57.16
12	360294	1	Cam Kit	24.40	29.32
13	360295	1	Cam Gear Kit	24.40	29.32
14	360296	1	Front Roller Kit	56.62	68.03
15	360297	1	Rear Roller Kit	48.69	58.51
18	360492	1	Bearing Kit	42.49	51.06
21	K12079	1	Threaded Compression Adaptor	16.74	20.11
22	41200-0212	1	Flow Gauge	44.01	52.88
23	360300	1	Hose Float	CALL	CALL

Item	Part No.	Qty.	Description	US List	Can. List
NOT SHOWN					
	GW9530	1	Vacuum Line Door	CALL	CALL
	K12465	1	Hose Protector	12.58	15.12
	K01213	1	Hose Set	362.80	435.94
	360488	1	Leader Hose Replacement	68.74	82.60
	360490		Large Hump Tire	115.27	138.51
	360517		Rebel Cleaner Tune-Up Kit (includes items 4, 5, 6, 7 8 &18)	225.85	271.38

PENTAIR REBEL®
2018 AND EARLIER MODELS

CLEANER REPLACEMENT PARTS



Item	Part No.	Qty.	Description	US List	Can. List
PENTAIR REBEL REPLACEMENT PARTS					
2	360284	1	Buckle Kit	12.37	14.86
4	360286	1	Wheel Kit	80.90	97.21
5	360287	1	Tire Kit	109.16	131.17
6	360288	1	Wheel Hub Kit	32.49	39.04
7	360289	1	Left Drive Kit	56.62	68.03
8	360290	1	Right Drive Kit	64.73	77.78
10	360292	1	Drive Gear Kit	18.32	22.01
11	360293	1	Turbine Kit	47.57	57.16
12	360294	1	Cam Kit	24.40	29.32
13	360295	1	Cam Gear Kit	24.40	29.32
14	360296	1	Front Roller Kit	56.62	68.03
15	360297	1	Rear Roller Kit	48.69	58.51

Item	Part No.	Qty.	Description	US List	Can. List
20	K12079	1	Threaded Compression Adaptor	CALL	CALL
21	41200-0212	1	Flow Gauge	80.90	97.21
25	360300	1	Hose Float	109.16	131.17
NOT SHOWN					
22	GW9530	1	Vacuum Line Door	CALL	CALL
26	K01213	1	Hose Set	362.80	435.94
27	GW7911	1	Leader Hose	20.67	24.84
	360326		Large Hump Tire	115.26	138.50
	360327		Long Run Cam	40.54	48.71
	360516		Rebel Tune-Up Kit (includes items 4, 5, 6, 7 & 8)	225.85	271.38

CALIFORNIA PROPOSITION 65 WARNING

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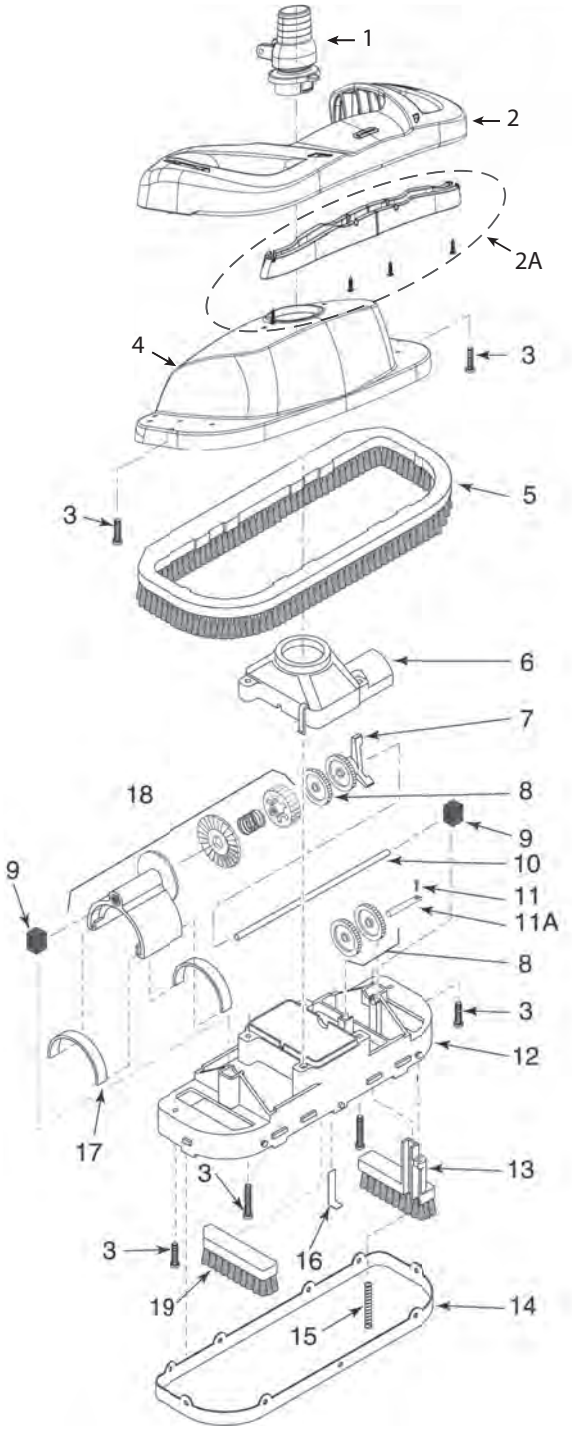
www.p65warnings.ca.gov.

PENTAIR DORADO®

CLEANER REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
		DORADO REPLACEMENT PARTS		
1	GW9012	Swivel Assembly	41.17	49.47
3	GW9504	Screw Kit (6 short, 2 long)	19.34	23.24
4	360153	Shroud	52.25	62.78
5	GW9505	Brush Ring	151.18	181.66
6	GW9506	Oscillator Chamber Cap	64.29	77.25
7	GW9507	Cam Kit (2 & 3 Leg Cams)	45.35	54.49
8	GW9509	Idler Gear Kit (Includes 3 Gears)	45.01	54.08
9	GW9512	Block Kit (Includes 2 Blocks)	25.10	30.16
11		Set Screw #4 Self Tapping Not Available Separately		
13	GW9517	Lift Brush	51.45	61.82
14	GW9508	Vacuum Skirt	36.32	43.64
15	GW9522	Lift Brush Spring	16.51	19.84
17	GW9004	Oscillator Seal Kit (Includes 2 Seals)	20.24	24.32
18	GW9503	Oscillator Assembly Kit (Includes Key #17) (Ratchet Assembly not sold separately)	208.90	251.01
19	GW9013	Center Brush Kit (Set of 2)	58.31	70.07
		NOT SHOWN		
	GW9015	Reducer Cone	32.49	39.04
	GW9530	Vac Port Fitting	CALL	CALL

[1] Includes Item Nos. 6, 11A, 13, 15, 16, two idler gears and 2-arm cams



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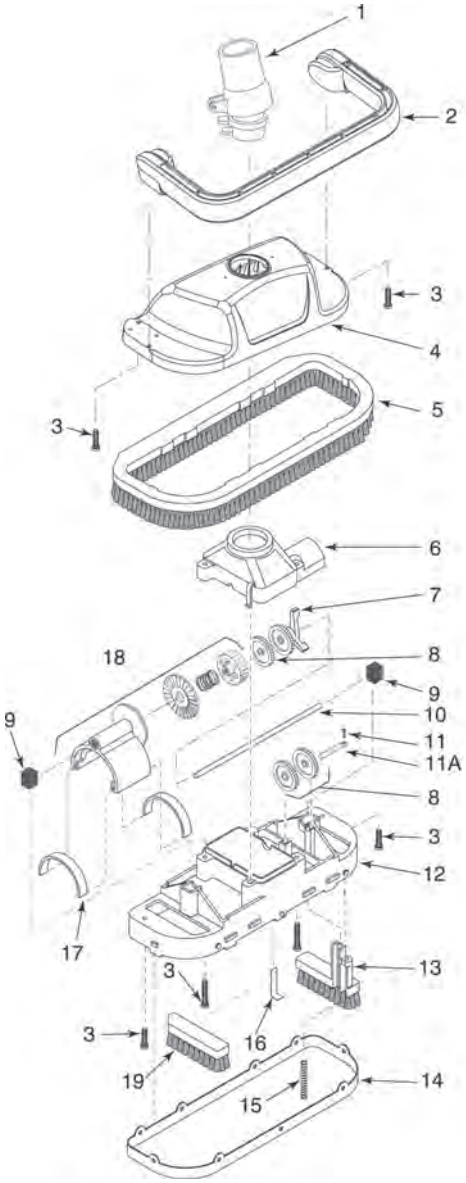
KREEPY KRAULY® GREAT WHITE®

CLEANER REPLACEMENT PARTS



Item	Part No.	Description		
		GREAT WHITE REPLACEMENT PARTS		
1	GW9012	Swivel Assembly	41.17	49.47
3	GW9504	Screw Kit (6 short, 2 long)	19.34	23.24
4	GW9501	Shroud	222.26	267.07
5	GW9505	Brush Ring Kit (Includes Vacuum Skirt)	151.18	181.66
6	GW9506	Oscillator Chamber Cap	64.29	77.25
7	GW9507	Cam Kit (2 & 3 Leg Cams)	45.35	54.49
8	GW9509	Idler Gear Kit (Includes 3 Gears)	45.01	54.08
9	GW9512	Block Kit (Includes 2 Blocks)	25.10	30.16
13	GW9517	Lift Brush	51.45	61.82
14	GW9508	Vacuum Skirt	36.32	43.64
15	GW9522	Lift Brush Spring	16.51	19.84
17	GW9004	Oscillator Seal Kit (Includes 2 Seals)	20.24	24.32
18	GW9503	Oscillator Assembly Kit (Includes Item #17, Ratchet Ass'y not sold separately)	208.90	251.01
19	GW9013	Center Brush Kit (Set of 2)	58.31	70.07
		NOT SHOWN		
	GW9015	Reducer Cone	32.49	39.04
	GW9530	Vac Port Fitting	CALL	CALL
	41200-0212	Flow Gauge	44.01	52.88
	41200-0130	Hose Sectional Kit with Leader, 40 ft.	366.27	440.11
	41200-0133	Hose, bulk pack 20, 1-1/2 in. M/F sections	501.29	602.35
	41200-0134	Hose bulk pack 12, leader sections	338.26	406.45
	77705-0200	Accessory Pkg. includes: GW9012, 41200-0213, GW9015, GW9019, GW9530, 41200-0212	126.28	151.74

CALIFORNIA PROPOSITION 65 WARNING

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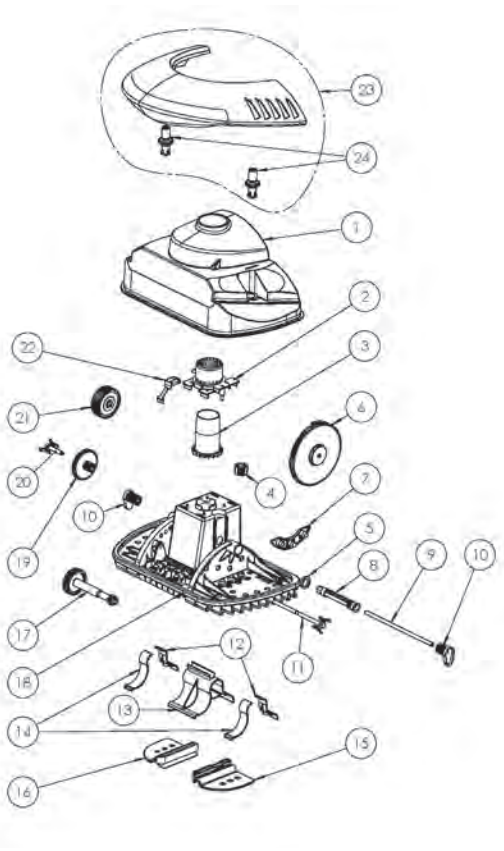
KREEPY KRAULY® SANDSHARK™

CLEANER REPLACEMENT PARTS



CALIFORNIA PROPOSITION 65 WARNING

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www.p65warnings.ca.gov. P/N 2007-A

Item	Part No.	Qty.	Description	US List	Can. List
STEERING KIT (Incl. Item #'s 2,3,4, 24)					
2		1	Swivel Housing		
3			Swivel		
4			Swivel Sprocket		
22			Clutch Clip		
CLUTCH KIT (Includes Item #'s 5, 8, 21)					
5		1	Oscillator Sleeve Bushing		
8		1	Oscillator Sleeve		
21		1	Clutch Assembly		
GEAR KIT (Includes Item #'s 6, 10, 11, 17, 19, 20)					
	GW7504		Gear Kit (Incl. Key Nos. 6, 10, 11, 17, 19 & 20)	126.75	152.30
6		1	Large steering Drive Assembly		
10		2	Shaft Plug		
11		1	Long Sprocket Clip		
17		1	Drive Shaft assembly		
19		1	Center Sprocket		
20		1	Short Sprocket Clip		
OSCILLATOR KIT (Includes Item #'s 12, 13, 14)					
12		2	Small Sliding Seal		
13		1	Oscillator		
14		2	Large Sliding Seal		

Item	Part No.	Qty.	Description	US List	Can. List
SEAL FLAP KIT (Includes Item #'s 15, 16)					
	GW7913		Seal Flap Kit (Incl. Key Nos. 15 & 16)	34.58	41.55
15		1	Right Seal Flap		
16		1	Left seal Flap		
ACCESSORY KIT					
		1	Regulator		
		1	Regulator cap		
		2	Hose Weight		
		1	Flow gage		
		1	Reducer Cone		
		2	Eyeball Diverter		
		1	Vac Port Fitting		
SANDSHARK PARTS					
18	41201-0242W	1	Chassis with Pad	227.34	273.17
23	GW7902	1	Bumper with flex snaps	124.13	149.15
24	GW7904		Flex Snaps Kit	28.66	34.44
NOT SHOWN					
	GW7911	1	Short Leader Hose	20.67	24.84
	GW9015		Reducer Cone (velve)	32.49	39.04

KREEPY KRAULY® - 2013 MODEL

CLEANER REPLACEMENT PARTS

CALIFORNIA PROPOSITION 65 WARNING

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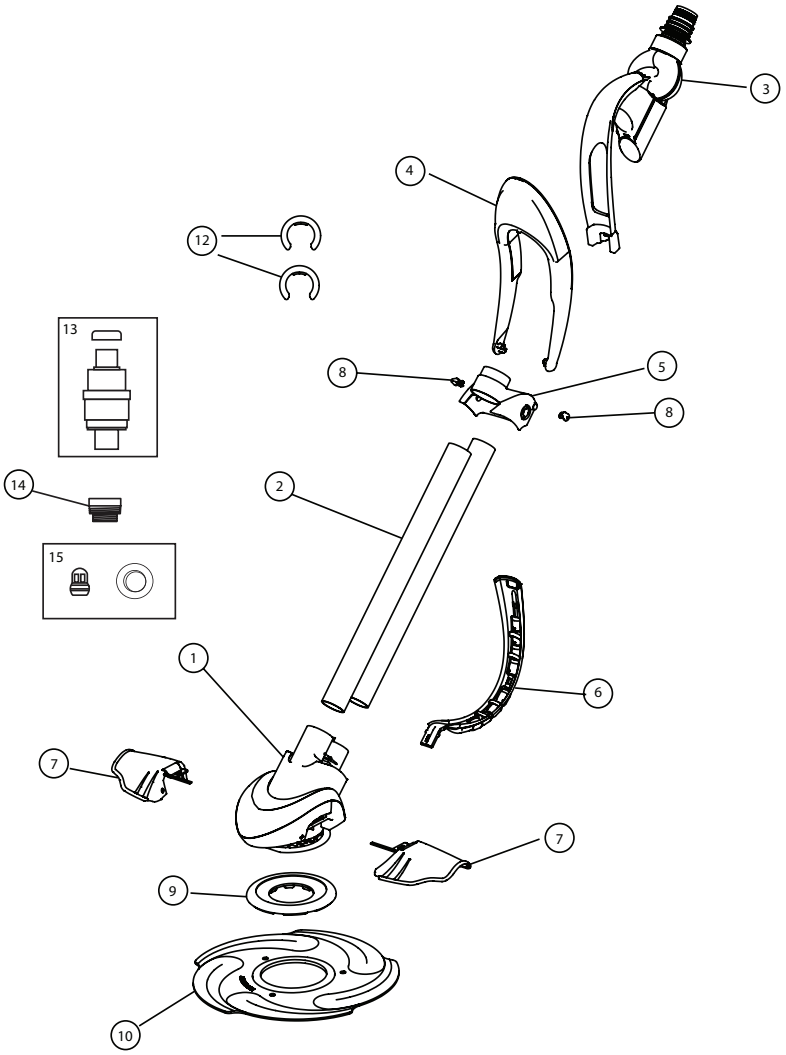
www.p65warnings.ca.gov. P/N 20017-A



Item	Part No.	Description	US List	Can. List
		KREEPY KRAULY REPLACEMENT PARTS		
2	370486Z	Drive Tube (contains 1 tube)	34.70	41.70
3	370496Z	Swivel Assembly	102.39	123.03
4	370497Z	Dive Float	116.33	139.78
6	370499Z	Bumper Assembly	55.81	67.06
9	K12059	Foot Pad	53.77	64.61
10	370478Z	Flat Seal	181.28	217.83
11	370483Z	Pleated Seal (not shown)	181.28	217.83
13	K12004	Automatic Regulator Valve and Valve Cap Kit	137.68	165.44
14	K12079	Threaded Compression Adaptor	16.74	20.11
		NOT SHOWN		
	370524	40” - 20pc male/female hose set	570.02	684.94
	370521	40” - 12pc male/female hose set	360.16	432.77

KREEPY KRAULY® KRUISER™
2012 MODEL
CLEANER REPLACEMENT PARTS

CALIFORNIA PROPOSITION 65 WARNING

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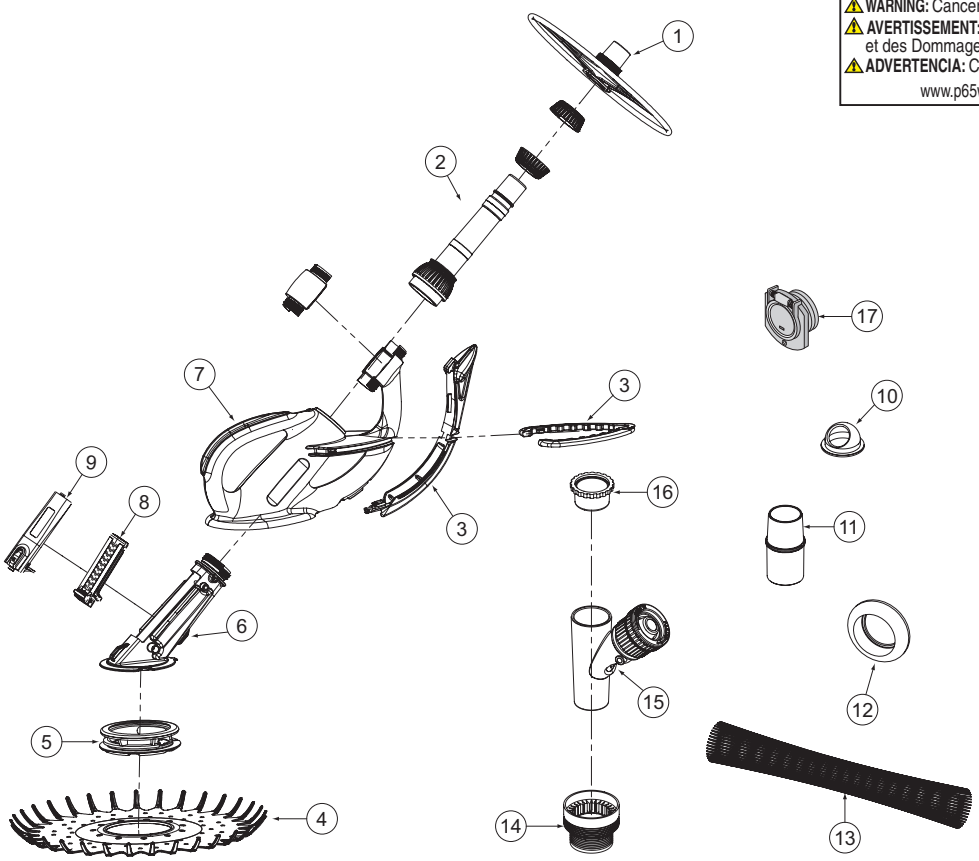
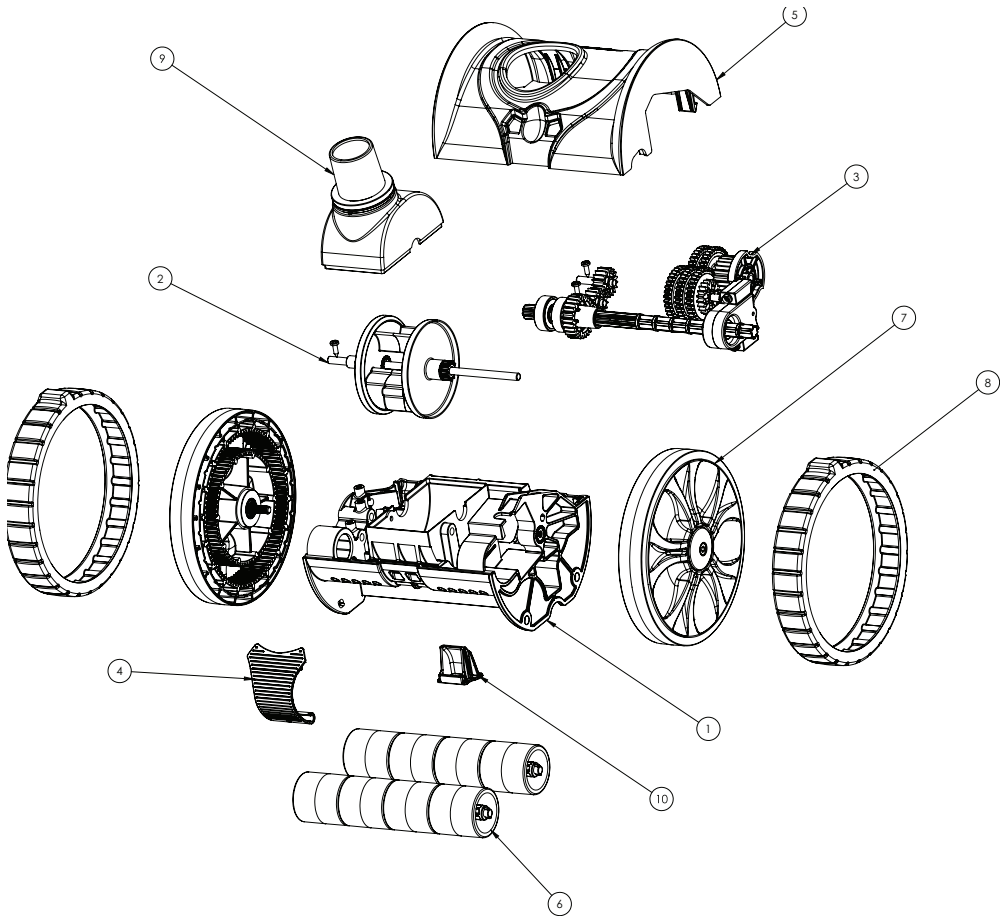


Item	Part No.	Description	US List	Can. List
		KREEPY KRUISER PARTS		
1	K12458	Kruiser Deflector Wheel	38.45	46.20
2	K12444	Kruiser Swivel Kit	138.00	165.82
3	K12451	Kruiser Bumper Kit (Horizontal &Vertical)	113.99	136.97
4	K12442	Kruiser 18 in. Vacuum Seal Kit	104.67	125.77
5	K12450	Kruiser Foot Pad Kit	31.61	37.98
6	K12443	Kruiser Internal Kit	116.05	139.45
7	K12441	Kruiser External Housing Kit	205.79	247.28
8	K12415	Kruiser Silent Flapper Kit	51.46	61.83
9	K12412	Kruiser Lid and Lock Kit	27.95	33.58
11	41200-0212	Flow Gauge	44.01	52.88
12	370494Z	Hose Weight	29.01	34.86
13	K12465	Hose Protector	12.58	15.12
14	K12079	Threaded Compression Adapter	16.74	20.11
17	K12500	Safety Vac-Lock Fitting	97.26	116.87
		NOT SHOWN		
	K01213	Hose Kit (12 M/F Sections)	362.80	435.94

PENTAIR 'LIL REBEL™
CLEANER REPLACEMENT PARTS



Item	Part No.	Qty.	Description	US List	Can. List
PENTAIR LIL REBEL REPLACEMENT PARTS					
2	360460	1	Turbine Kit	54.75	65.79
3	360462	1	Drivetrain Kit	166.53	200.10
7	360454	1	Wheel Kit	126.88	152.46
8	360455	1	Tire Kit	69.44	83.44

Item	Part No.	Qty.	Description	US List	Can. List
9	360453	1	Swivel Kit	43.29	52.02
NOT SHOWN					
	360467	1	Hose Set	176.35	211.90
	GW9015	1	Reducer Cone	32.49	39.04

CALIFORNIA PROPOSITION 65 WARNING

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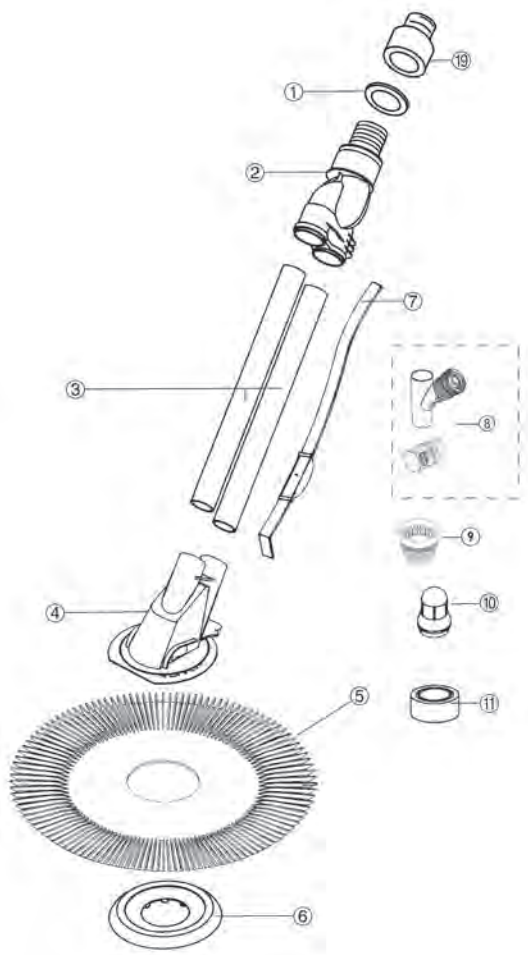
KREEPY KRAULY® E-Z VAC®
CLEANER REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
		E-Z VAC REPLACEMENT PARTS		
6	K12059	Foot Pad	53.77	64.61
7	K12655	Bumper Strap with weight	65.75	79.01
8	41200-0214	Regulator Valve	137.68	165.44
9	K12079	Threaded Compression Adapter	16.74	20.11
18	K21241B	4 in. Female/Female Blue Hose Connector	14.64	17.59
18	K21241	4 in. Female/Female Hose Connector (White)	16.36	19.66

(12 Sections Male/Female)

(32 ft. total length)

- 11 Sections Male/Female Hose
- 1 Section Female/Female Hose

CALIFORNIA PROPOSITION 65 WARNING

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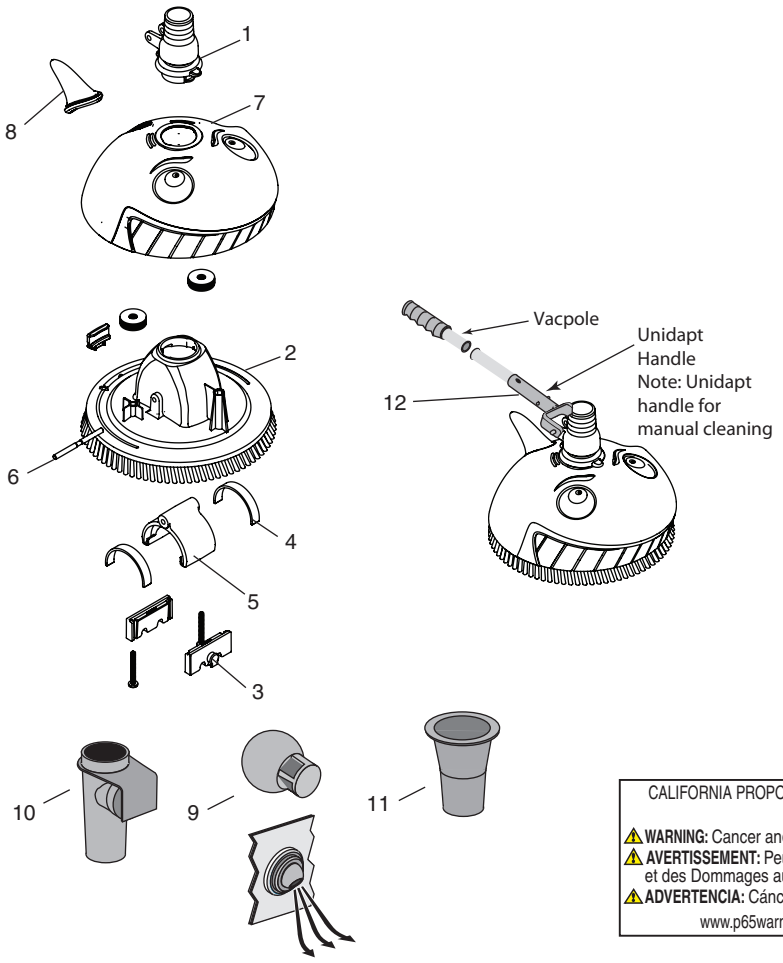
KREEPY KRAULY® 'LIL SHARK™ – 2013 MODEL

CLEANER REPLACEMENT PARTS



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Item	Part No.	Qty.	Description	US List	Can. List
			LIL SHARK REPLACEMENT PARTS		
1	GW9012	1	Swivel Assembly	41.17	49.47
2	*	1	Pool Cleaner Body (with Bristles)		
4	GW9004	1	Oscillator Seals (Pkg of 2)	20.24	24.32
10	GW9016	1	Vacuum Regulator	91.24	109.63
11	GW9015	1	Reducer Cone	32.49	39.04
			NOT SHOWN		
	371526Z	1	Replacement Hose Kit	201.71	242.37

PENTAIR POOL

AUTOMATION PARTS

Product Catalog 2025–2026

INTELLICENTER® CONTROL SYSTEM REPLACEMENT PARTS

Part No.	Description	US List	Can. List
	CIRCUIT BOARD REPLACEMENT PARTS		
523050	i5P Replacement Outdoor Control Panel Circuit Board with Faceplate for Common Load Center/Common Power Center	1812.71	2178.15
523051	i5X Expansion Replacement Circuit Board with Faceplate for Common Load Center/Common Power Center	2216.42	2663.25
521936Z	i5PS Personality Card Circuit Board (expansion card that slide connects to the i5P main board - replacement or upgrading a system)	CALL	CALL
521977Z	i8P Personality Card Circuit Board (expansion card that slide connects to the i5P main board - replacement or upgrading a system)	CALL	CALL
521968Z	i8PS Personality Card Circuit Board (expansion card that slide connects to the i5P main board - replacement or upgrading a system)	CALL	CALL
521993Z	i10P Personality Card Circuit Board (expansion card that slide connects to the i5P main board - replacement or upgrading a system)	CALL	CALL
521873Z	i10PS Personality Card Circuit Board (expansion card that slide connects to the i5P main board - replacement or upgrading a system)	CALL	CALL
523029Z	i10D Personality Card Circuit Board (expansion card that slide connects to the i5P main board - replacement or upgrading a system)	CALL	CALL
522997Z	i10X Expanish Card Circuit Board (expansion card that slide connects to the i5X main board - replacement or upgrading a system)	3327.75	3998.62
	WIRELESS REPLACEMENT PARTS		
522051	Wireless Remote (replacement remote only)	CALL	CALL
522052	Charging Cradle plus Transformer	CALL	CALL
522053Z	Wireless Wall Mounting Kit with Hardware (included in every IntelliCenter Wireless Remote Kit - allows remote to hang on a wall like an indoor control panel - no charging provided while hanging on wall, wireless remote must be placed on charging cradle periodically to charge)	CALL	CALL
520830Z	Wireless Transformer (for wireless remote charging cradle)	CALL	CALL
520244	Transceiver Enclosure with Mounting Hardware (does not contain the transceiver circuit board)	132.70	159.45
522054	Battery for Wireless Remote (with flat door)	CALL	CALL
521984Z	Wireless Transceiver Circuit Board (for use in 520244)	CALL	CALL
522056Z	Wireless Transceiver Circuit Board plus Enclosure with Mounting Hardware (includes both 520244 and 521984Z)	CALL	CALL
523355	Wireless Remote Repeater Kit (used when longer range is required for the IntelliCenter wireless remote	CALL	CALL
523434	900 MHz Wireless Ethernet Link	CALL	CALL
523557	900 MHz Wireless Ethernet Link Kit (includes PoE module and Ethernet cables)	929.96	1117.44
544425	Cable POE/Ethernet High Power Wireless Bundle	CALL	CALL
	MISCELLANEOUS REPLACEMENT PARTS		
522978Z	Battery for Indoor Control Panel and Outdoor Control Panel	54.84	65.90
522102Z	System Transformer	CALL	CALL
523345	Circuit Breaker Kit: 4-Amp Breaker	CALL	CALL
523346	Circuit Breaker Kit: 5-Amp Breaker	CALL	CALL
522004Z	Bezel Faceplate for Common Load Center/Common Power Center (with overlay)	CALL	CALL
522005Z	Faceplate for Load Center/Power Center, IT/ET OCP Upgrade	CALL	CALL
522062Z	Legacy Transformer for Upgrades to IntelliCenter 24VAC 18VAC	228.89	275.03
523342Z	Legacy Transformer Bracket for Upgrades to IntelliCenter	71.52	85.94
520199	1000 ft. cable, four conductor, 22 AWG, White	Call	Call

IntelliCenter Wireless Control Panel
P/N 522036

Pentair Pool App

Controller Options

CALIFORNIA PROPOSITION 65 WARNING

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www.p65warnings.ca.gov. P/N 20174.A

INTELLITOUCH® AUTOMATION REPLACEMENT PARTS

Part No.	Description	US List	Can. List
	NEW INTELLITOUCH AUTOMATION REPLACEMENT PARTS		
521227	Replacement Load Center Door	423.47	508.84
521057Z	New Load Center 150A 10 Circuit Breaker Base	422.24	507.36
521233	Load Center System Transformer, after change date	315.34	378.91
521051Z	New Load Center High Voltage Cover Panel Dead Front	211.70	254.38
521078Z	New Power Center High Voltage Cover Panel	208.43	250.45
521081Z	Door Latch	101.56	122.03
521228	New OCP Bezel, i5+3, i7, i9+3	143.17	172.03
521229	New OCP Bezel, i10+3D	174.89	210.15
521230	New OCP Bezel, i5+3S, i9+3S	154.86	186.08
521231	New OCP Bezel, I5x, i10x	174.89	210.15
521441	IntelliChlor System Transformer, after change date	443.29	532.66
520151Z	Kit Bkt Mtg LC & PC	154.99	186.24
520724	Pwr Cable For IntelliChlor SCG Systems	170.52	204.90
521218	New Load Center IntelliChlor SCG Surge Board PCBA	545.61	655.60
8520031Z	Repl. Circuit Breaker (3 Amp)	69.43	83.43
521142Z	New Load Center Resettable 12A 50V Scg Circuit Breaker	101.56	122.03
8023304	4-Pin Com Port Connector	CALL	CALL
522101	Solar Temperature Sensor (black)	CALL	CALL
RLYHTR	Heater Relay Repair Kit	236.33	283.97
520106	Relay Kit, 20 Amp	166.50	200.07
RCS1	Spa Jets Switch, Wall Mount, Single Gang Plate	292.57	351.55
CRALX	Adapter, 1 Relay Controlled By 2 Circuits	253.58	304.70
520199	1000 ft. cable, four conductor, 22 AWG, White	Call	Call
	INTELLITOUCH AUTOMATION REPLACEMENT PARTS		
520287	Circuit Board, Universal Outdoor Controller (Mother Board)	2162.70	2598.70
520265	Circuit Board, i5+3 Personality	CALL	CALL
520266	Circuit Board, i7+3 Personality	CALL	CALL
520267	Circuit Board, i9+3 Personality	CALL	CALL
520296Z	Circuit Board, i5+3S Personality	CALL	CALL
520078Z	Circuit Board, i9+3S Personality	CALL	CALL
520077Z	Circuit Board, i10+3D Personality	CALL	CALL
520080Z	Circuit Board, i5X Personality	CALL	CALL
520079Z	Circuit Board, i10X Personality	CALL	CALL
520273	Cover Plate, IntelliTouch Indoor Control Panel, White	104.64	125.74
520276	Mounting Sheaves, IntelliTouch Indoor Control Panel	34.84	41.86
520277	Mounting Hardware, IntelliTouch Indoor Control Panel	32.92	39.56
520281	Breaker Base, IntelliTouch Load Center 4/8 Position	CALL	CALL
8520031Z	Repl. Circuit Breaker (3 Amp)	69.43	83.43
520342	Replacement System Transformer Assembly, IntelliTouch	CALL	CALL
520272	Water Temp Sensor 10k Ohm, 20' Length	124.35	149.42
520405	IntelliTouch Load Center Replacement Door	CALL	CALL

Part No.	Description	US List	Can. List
BAT3	Battery, 3-Volt Lithium	27.43	32.96
520119Z	Old LC High Voltage Cover Panel	104.46	125.52
9321004	Clamp For Water Temperature Sensor	CALL	CALL
520108	Terminal Screw 4 Wire (Green)	32.80	39.41
520343	is10 Mounting Kit	103.08	123.86
520062	Control Panel Bezel, i5+3, i7, I9+3	CALL	CALL
520303	Control Panel Bezel, i10+3D	174.89	210.15
520304	Control Panel Bezel, i5+3S, i9+3S	166.49	200.05
520302	Control Panel Bezel, i5x, i10x	CALL	CALL
520498	Touch Panel, ACC ITC35	CALL	CALL
520499	Tablet, ACC ITC45	CALL	CALL
8023304	4-Pin Com Port Connector	CALL	CALL
	WIRELESS REMOTE REPLACEMENT PARTS		
523434	ScreenLogic Wireless Connect Kit	CALL	CALL
520341	Wireless Remote Antenna Only, before change date/pre version___	CALL	CALL
520217	Wireless Remote Antenna Only, after change date/pre version___	CALL	CALL
520244	MobileTouch I & II Transceiver Enclosure with Mounting Hardware	132.70	159.45
520946Z	Wireless Remote Antenna and Transceiver Complete Kit, works with all versions	764.06	918.09
520830Z	MobileTouch II Transformer with Cord	CALL	CALL
520834Z	MobileTouch II Charging Cradle	269.35	323.65
520815Z	MobileTouch II Battery & Door	544.21	653.92
520191	MobileTouch I Transformer with Cord	66.58	80.00
520217	Antenna For Mobiletouch 1 Transceiver	CALL	CALL
520907	MobileTouch II Wireless Remote Replacement	CALL	CALL
520946Z	Mobiletouch II Transceiver Circuit Board With Attached Antenna	764.06	918.09
8520031Z	Repl. Circuit Breaker (3 Amp)	69.43	83.43
	INTELLITOUCH AUTOMATION LABELS		
520658	Indoor Control Panel Labels (Qty. 10)	176.42	211.99
520283	Outdoor Panel Labels (Qty. 10)	246.49	296.18
521227	New Load Center Door w/ET & IT Labels (Qty. 10)	423.47	508.84
520344	iS10 Label Set (Qty. 10)	264.10	317.34
522082	iS4 Label Set (Qty. 10) - New Style	66.60	80.03
520173	iS4 Label Set (Qty. 10) - Old Style	CALL	CALL

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EASYTOUCH® & EASYTOUCH PL4/PSL4 CONTROL SYSTEMS REPLACEMENT PARTS

Part No.	Description	US List	Can. List
NEW EASYTOUCH CONTROL SYSTEMS REPLACEMENT PARTS			
521227	Replacement Load Center Door	423.47	508.84
521057Z	Load Center 125A 8 Circuit Breaker (size), after change date 2011	422.24	507.36
521232	Fold-down Bezel Replacement, after change date 2011	141.06	169.50
521051Z	Load Center, High Voltage Cover Panel (size), after change date 2011	211.70	254.38
521233	Load Center System Transformer, after change date 2011	315.34	378.91
521218	IntelliChlor CG Board, after change date 2011	545.61	655.60
521142Z	Fuse, CG IntelliChlor 12A-50V Resettable Circuit Breaker, after change date 2011	101.56	122.03
521441	IntelliChlor System Transformer, after change date 2011	443.29	532.66
520151Z *	Mounting Bracket Kit for (LC & PC RPLC), all Load Centers	154.99	186.24
521081Z *	Door Latch Assy (RPLC), all Load Centers	101.56	122.03
8520031 *	Internal Circuit Breaker Assy, all Load Centers	CALL	CALL
8023304 *	4-Pin Com Port Connector	CALL	CALL
520724	IntelliChlor Cell/PCBA Power Cable For Intellichlor SCG Systems	170.52	204.90
520946Z *	EasyTouch Transceiver Circuit Board with Attached Antenna	764.06	918.09
520691	Wireless Control Only, 4 Aux.	CALL	CALL
520692	Wireless Control Only, 8 Aux	CALL	CALL
520546	Wireless Control Complete w/Antenna & Transceiver	CALL	CALL
520547	Wireless Control Complete w/Antenna & Transceiver	CALL	CALL
522101 *	Solar Temperature Sensor (black)	CALL	CALL
RLYHTR *	Relay, Heater Repair Kit, includes RLY Replacement Relay with board connection wire	236.33	283.97
520106 *	Relay Kit, 20 Amp	166.50	200.07
RCS1 *	Spa Jets Switch, Wall Mount, Single Gang Plate	292.57	351.55
CRALX *	Adapter, 1 Relay Controlled By 2 Circuits	CALL	CALL
520199	1000 ft. cable, four conductor, 22 AWG, White	Call	Call
EASYTOUCH CONTROL SYSTEMS REPLACEMENT PARTS			
523434	ScreenLogic Wireless Connect Kit	CALL	CALL
520217	Antenna, EasyTouch Transceiver Module	CALL	CALL
520595	IntelliChlor Replacement Unions (Contains 2 O-Rings, 2 Couplers, 2 Nuts)	66.72	80.17
520655	Replacement Load Center Door (size), before change date 2011	CALL	CALL
520656	Load Center 150A 10 Circuit Breaker (size), before change date 2011	141.06	169.50
520652	Indoor Control Panel Backplate with Connectors Attached	49.33	59.27
520660	Laptop Trainer	CALL	CALL
520653	Load Center System Transformer, before change date 2011	529.30	636.01
520657	Motherboard With 8 Aux Pool/Spa Combo	1686.95	2027.04
520659	Motherboard With 4 Aux Pool/Spa Combo	1122.29	1348.54
520711	Motherboard 8 Aux (Single Body)	1686.95	2027.04
520712	Motherboard 4 Aux (Single Body)	1122.29	1348.54
520722	Intellichlor System Transformer, before change date 2011	443.28	532.65
520723	IntelliChlor CG Board, before change date 2011	545.60	655.59
520724	IntelliChlor Cell/PCBA Power Cable For Intellichlor SCG Systems	170.52	204.90
520714Z	Fuse, CG IntelliChlor 10A Resettable Circuit Breaker, before change date 2011	51.40	61.76
8520031Z *	Fuse, Control 3A Resettable Circuit Breaker	69.43	83.43
8023304 *	4-Pin Com Port Connector	CALL	CALL
LABELS			
520658 *	Indoor Control (Qty. 10)	176.42	211.99
520658 *	Wireless Remote (Qty. 10)	176.42	211.99
520283 *	Outdoor Panel Labels (Qty.10)	246.49	296.18
521227	Replacement Load Center Door (size), before change date 2011	423.47	508.84
520658 *	Indoor Control Panel & Wireless Remote Features Label (Set Of 10)	176.42	211.99
520124	Quicktouch I Labels (Qty. 10), before change date 2011	139.53	167.66
SCREW TERMINALS, CIRCUIT BOARD PLUG-IN TYPE, EASYTOUCH			
8023302 *	Comport, 2 Position	CALL	CALL
8023304 *	Comport, 4 Position	CALL	CALL
8023306 *	Comport, 6 Position	CALL	CALL
8023308 *	Comport, 8 Position	CALL	CALL
8023310 *	Comport, 10 Position	40.91	49.16
8023312 *	Comport, 12 Position	44.59	53.58
EASYTOUCH PL4/PSL4			
522523	PL4 OCP replacement PCBA	CALL	CALL
522524	PSL4 OCP replacement PCBA	CALL	CALL
522525	PL4/PSL4 OCP replacement Control Panel bezel	CALL	CALL
522526	EasyTouch PL4/PSL4 Wireless remote replacement	CALL	CALL

* Also parts for EasyTouch PL4/PSL4 Control System

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SUNTOUCH® & SOLARTOUCH® CONTROL SYSTEMS REPLACEMENT PARTS

Part No.	Description	US List	Can. List
SUNTOUCH CONTROL SYSTEMS REPLACEMENT PARTS			
520940Z	SunTouch Solar Circuit Board	582.32	699.72
520645Z	SunTouch Pool/Spa Circuit Board	582.32	699.72
520941Z	SunTouch Single Body Circuit Board	582.32	699.72
520814Z	Kit Door Enclosure Small	170.59	204.98
520272	Water Temp Sensor 10k, __ Length	124.35	149.42
520841Z	Kit SunTouch Transformer	229.38	275.62
522101	Solar Temperature Sensor (Black)	CALL	CALL

Part No.	Description	US List	Can. LIst
SUNTOUCH CONTROL SYSTEMS REPLACEMENT PARTS (CONT'D)			
520942Z	Circuit Breaker	52.93	63.60
SOLARTOUCH CONTROL SYSTEMS REPLACEMENT PARTS			
521605	Power Circuit Board Assembly (Bottom Of Enclosure)	485.69	583.61
521604	Control Panel Replacement Board Assembly (Bezel And Circuit Board)	387.56	465.69
521516	SolarTouch Door Replacement	68.62	82.45
522101	Solar TempSensor, 10k, ____ Length	CALL	CALL

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COMPOOL® CONTROL SYSTEM REPLACEMENT PARTS

CON6

520008

AI101/AI201

CB3

520173

BAT3

LBL3800

Part No.	Description	US List	Can. List
CABLE CONNECTORS & ADAPTORS			
6CONDTEST	Test Cable, (6-Conductor)	19.29	23.18
520001	Adaptor 6-Conductor Flat To Multiple-Pair Cable	65.55	78.76
520008	Splice 26-22 AWG Weather-Proof (100 Qty Per Bag)	113.59	136.49
CON6	Connectors For 6-Conductor Flat Cable (4 Qty)	25.91	31.13
9987013	Crimping Tool 6 Pin RJ-11 Telephone-Type Connector	97.63	117.31
8761047	Cable, PC Board Harness, 2 Cond. Red/Black W/Plugs	18.62	22.37
SCREW TERMINALS, CIRCUIT BOARD PLUG-IN TYPE, INTELLITOUCH			
8023302	Comport, 2 Position	CALL	CALL
8023304	Comport, 4 Position	CALL	CALL
8023306	Comport, 6 Position	CALL	CALL
8023308	Comport, 8 Position	CALL	CALL
8023310	Comport, 10 Position	40.91	49.16
8023312	Comport, 12 Position	44.59	53.58
BATTERIES, CIRCUIT BREAKERS, SURGE SUPPRESSORS			
AI101	Surge Suppressor (115V)	636.89	765.29
AI201	Surge Suppressor (230V)	636.89	765.29
BAT3	Battery, 3-Volt Lithium	27.43	32.96
CB3	Circuit Breaker (3 Amp)	48.26	57.99
FREEZE PROTECTION SENSORS (NOT FOR USE WITH CP3800 FAMILY)			
FPSAUX	Auxiliary Pump Freeze Sensor	CALL	CALL
FPSC	Filter Pump Freeze Sensor	CALL	CALL
EQUIPMENT IDENTIFICATION LABELS			
LBL100	Label Set For CP100 Indoor Control Panel	CALL	CALL
520124	Label Set For QuickTouch Wireless Remote	139.53	167.66
520173	Label Set For is4 Spa-Side Remote	CALL	CALL
LBL3800	Label Set For Indoor Control Panel CP3800 Family	64.95	78.04

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COMPOOL® CONTROL SYSTEM REPLACEMENT PARTS (CONT'D)

Part No.	Description	US List	Can. List
POWER CENTER HARDWARE (BLACK PLASTIC ENCLOSURE)			
LXLATCH	Latch, For Door	97.48	117.13
LXLID2	Lid, Latching Enclosure	172.02	206.70
LXPIN	Hinge Pins For Interior Faceplate, Set Of 2	32.93	39.57
ENCLLX	Enclosure For Power Center	447.50	537.72
FKNOBG	Thermostat Knob	34.45	41.40
520006	Dead Panel, High Voltage	158.06	189.92
9541143	Enclosure - CP3** Cover/Base/Doors	39.85	47.88
POWER CENTER (BLACK PLASTIC ENCLOSURE)			
LX820	Emergency Shut-Off Controller/Power Center	CALL	CALL
LOAD CENTER HARDWARE (ALMOND STEEL ENCLOSURE)			
520005	Latch For Cover Enclosure–For Load Center	46.50	55.87
520006	Dead Panel, High Voltage	158.06	189.92
CIRCUIT BOARDS FOR INDOOR CONTROL PANELS			
PCCP100	Circuit Board For CP100 #11057	CALL	CALL
CIRCUIT BOARDS FOR POWER CENTERS AND RF RECEIVERS			
MODESO	Module For ESO-2 Emergency Shut-Off Switch #11111	493.47	592.95
PCLX80	Circuit Board For LX80 #10688	963.75	1158.04
PCLX820	Circuit Board For LX820 #10853	550.74	661.77
RELAYS AND RELAY ACCESSORIES			
RLYHTR	Heater Relay Repair Kit	236.33	283.97
RLYLX	Relay Kit, 20 Amp	209.80	252.10
RLYLX3HP	Additional 25 Amp, 3 HP Power Relay (For Auxiliary Equipment)	281.73	338.53
RLYLXD	Relay Kit For 2-Speed Pump	327.79	393.87
RLYNC	Relay Kit 20 Amp (DPDT) For Special Applications Only	209.80	252.10
RLYSC	Relay Kit For LX220 & LX820, 20 Amp	190.15	228.48
RLYSC3HP	25 Amp, 3 HP Power Relay For LX220 And LX820 Systems	264.10	317.34
RYALX	Adapter, 2 Relays Controlled By 1 Circuit	109.39	131.44
CRALX	Adapter, 1 Relay Controlled By 2 Circuits	253.58	304.70
520403	Dual Heater Relay Kit	308.92	371.20
OUTDOOR REMOTES FOR CP3800 FAMILY OR SYSTEMS (FULL FUNCTION)			
520345	is10 for CP3800 Family Includes 6Cond Adapter1	CALL	CALL
SWITCHES			
6010102	On/Off Switch for CP30 Remote Panel, 2 Position	69.95	84.05
6010103	On/Off/On Switch For CP30 Remote Panel, 3 Position	69.95	84.05
ESO2	Shut-Off Switch with Alarm, Double Gang Plate	550.74	661.77
RCS1	Spa Jets Switch, Wall Mount, Single Gang Plate	292.57	351.55

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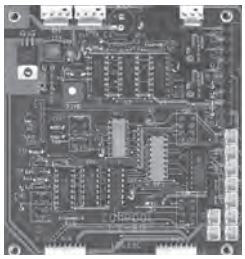

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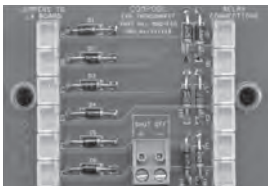

MODESO

RLYLXD

RLYLX

ESO2

RLYHTR

RLYSC

COMPOOL® CONTROL SYSTEM REPLACEMENT PARTS

6870002

TMRLX

XFM1BK

XFM3BK

XFM20

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Part No.	Description	US List	Can. List
	SPA-SIDE AND WIRELESS REMOTES		
520173	Label Set, Pack Of 10 For is4 Spa-Side Remote	CALL	CALL
520124	Label Set, Pack Of 10 For QuickTouch Wireless	139.53	167.66
	TELEPHONE REMOTE CONTROL (FOR CP3800 FAMILY)		
6870002	Module For Telephone Remote Control	CALL	CALL
	TIMERS		
TMRLX	Timer, 24 Hour Mechanical	229.39	275.64
	TEMPERATURE SENSORS		
TS5L	Temp Sensor Linear (Red & Green Wires) Compool	136.96	164.57
520272	Water Temp Sensor 10k, ___ Length	124.35	149.42
9142109	O-Ring, 5/16 In. for Temperature Sensor	6.59	7.92
9321004	Clamp for Water Temperature Sensor	CALL	CALL
	VALVE ACTUATORS AND PARTS		
263045	CVA-24T Valve Actuator, 24 Volt AC, 180 Degree Rotation	CALL	CALL
263044	CVA-24Y Valve Actuator, 24 Volt AC, 120 Degree Rotation	CALL	CALL
263043	CVA-24L Valve Actuator, 24 Volt AC, 90 Degree Rotation	CALL	CALL
270078	Circuit Board w/Selector Switch	139.46	167.58
270077	Gear Set for CVA-24; Set Of 3	87.35	104.96
4231033	Motor For CVA-24	330.39	397.00
CVASCR	Mounting Screws (4) For CVA-24 To Compool Valve	27.43	32.96
CVASCRJ	Mounting Screws (4) For CVA-24 To Pacfab Valve	27.43	32.96
520010Z	Micro-Switch Set (2) With Levers & Screws For CVA-24	126.39	151.87
SK5V	Shaft Coupling CVA-24 To Ortega Valve	73.69	88.55
OVA2	Adapter Kit, CVA-24T To Ortega Valve, 2 In.	159.43	191.57
	TRANSFORMERS		
XFM1BK	Transformer Assembly For LX20, LX30, LX36 & LX80	393.44	472.76
XFM3BK	Transformer Assembly For CP3800 Family	393.44	472.76
XFM20	Transformer Assembly For LX120, LX220, LX420 & LX820	206.53	248.17

SPACOMMAND® SPA-SIDE REMOTE REPLACEMENT PARTS

521500

521501
521502

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Part No.	Description	US List	Can. List
	SPACOMMAND SPA-SIDE REMOTE		
521500	SpaCommand Replacement Plastics Kit	101.56	122.03
521501	SpaCommand Replacement 150 Ft. Cable	208.43	250.45
521502	SpaCommand Replacement 250 Ft. Cable	315.34	378.91
521852	SpaCommand Replacement Control Only (White)	1448.08	1740.01
521853	SpaCommand Replacement Control Only (Black)	1448.08	1740.01
	SPACOMMAND LABELS		
521503	SpaCommand Labels White (Qty. 1)	154.99	186.24
521504	SpaCommand Labels Black (Qty. 1)	154.99	186.24
522500	SpaCommand Labels White (Qty. 5)	CALL	CALL
522501	SpaCommand Labels Black (Qty. 5)	CALL	CALL

NOTES:

PENTAIR POOL

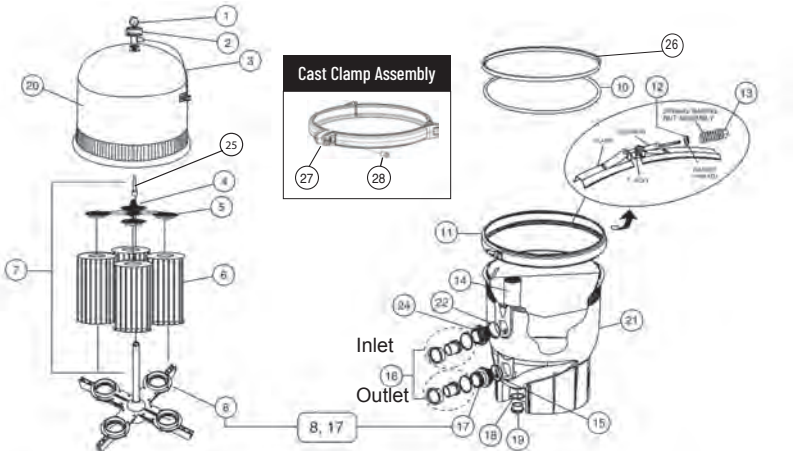
FILTER PARTS

Product Catalog 2025–2026

Updated September 2025

CLEAN & CLEAR® PLUS FILTERS

REPLACEMENT PARTS FOR FIBERGLASS REINFORCED POLYPROPYLENE TANK



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Item	Part No.	Description	US List	Can. List
CLEAN & CLEAR PLUS FILTERS				
1	190058Z	Gauge, pressure, 1/4 in.	13.93	16.74
2	98209800	High Flow manual air relief valve, HFMARV	54.90	65.97
4	178616Z	Spring, compression [2]	10.34	12.42
5	170026	Manifold, top assembly, 240 sq. ft. [2]	126.88	152.46
5	170027	Manifold, top assembly, 320, 420 & 520 sq. ft. [2]	119.75	143.89
6	ULTRA-A4	Pleatco ULTRA CNC Plus 240 sq. ft. 4 req.	CALL	CALL
6	ULTRA-A5	Pleatco ULTRA Cartridge 320 sq. ft. 4 req.	CALL	CALL
6	ULTRA-A6	Pleatco ULTRA Cartridge 420 sq. ft. 4 req.	CALL	CALL
6	ULTRA-A7	Pleatco ULTRA Cartridge 520 sq. ft. 4 req.	CALL	CALL
6	ULTRA-A4-PAK4	Pleatco ULTRA Cartridge 240 sq. ft. 4/pk	CALL	CALL
6	ULTRA-A5-PAK4	Pleatco ULTRA Cartridge 320 sq. ft. 4/pk	CALL	CALL
6	ULTRA-A6-PAK4	Pleatco ULTRA Cartridge 420 sq. ft. 4/pk	CALL	CALL
6	ULTRA-A7-PAK4	Pleatco ULTRA Cartridge 520 sq. ft. 4/pk	CALL	CALL
7	170030	Air bleed tube assembly, 240 sq. ft.	72.57	87.20
7	170029	Air bleed tube assembly, 320 sq. ft. [2]	73.60	88.44
7	170028	Air bleed tube assembly, 420 sq. ft. [2]	74.83	89.92
7	178583	Air bleed tube assembly, 520 sq. ft. [2]	72.57	87.20
8	170035	Manifold, bottom/pipe assembly, outlet [3]	342.22	411.21
8	170040	Manifold, bottom [4]	95.34	114.56
10	39010200Z	O-ring, clamp	89.41	107.44
11	190003	Kit Spring Clamp Band [9]	511.04	614.07
13	53108900Z	Spring/barrel nut assembly [9]	76.35	91.74
14	190039	Baffle, bulkhead assembly [2]	156.16	187.64
15	86006900Z	O-ring, bulkhead, lower	5.78	6.95
16	98960311	Bulkhead union, set [1]	102.41	123.06
16	271096	Bulkhead adapter kit, 2 in. O.D. white	97.68	117.37
16	270004	Bulkhead adapter kit, 2 in. O.D. black	103.21	124.02
16	270100	Bulkhead union kit, 2 in. I.D. Black	107.01	128.58
16	274426	Bulkhead adapter kit, 2-1/2 in. x 2 in. I.D. White	CALL	CALL

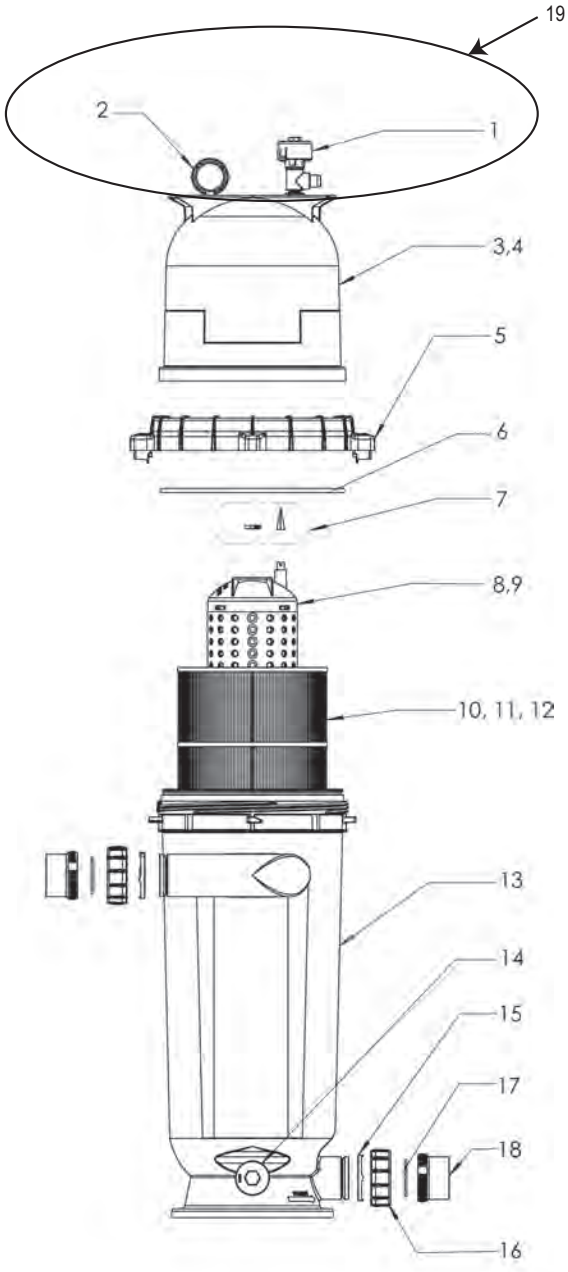
Item	Part No.	Description	US List	Can. List
17	170035	Pipe assembly, outlet/manifold, bottom (includes bulkhead 178575 and O-rings 86006900Z & 3544571)[2]	342.22	411.21
18	86300500	Drain cap gasket [1]	8.10	9.73
18	51005000Z	O-ring for drain plug [2]	4.33	5.20
18	191474Z	O-ring for drain plug [8]	2.89	3.47
19	51516200	Drain cap [1]	39.37	47.31
19	86202000	Plug, 1-1/2 in. drain with O-ring [2]	30.50	36.65
19	190030Z	Cap plug [8]	47.78	57.41
20				
20	170024	Tank, lid assembly, 320 sq. ft.	465.45	559.28
20	178581	Tank, lid assembly, 420 sq. ft. [2]	531.94	639.18
20				
20	178582	Tank, lid assembly, 520 sq. ft. [2]	626.66	752.99
21	178578	Tank, bottom assembly [2]	865.56	1040.06
22	192320	O-ring, bulkhead, upper [2]	6.50	7.81
22	86006900Z	O-ring, bulkhead, upper & lower [1, 7]	5.78	6.95
23	195339	SS back-up ring [5]	116.24	139.67
24	194801	Bulkhead, 2-3/8, 8 buttress thread [2]	CALL	CALL
25	190106Z	Air Screen	42.81	51.44
26	195339	RNG Backup Ring SS	116.24	139.67
27	198102	Cast Clamp Assembly [10]	CALL	CALL
28	198098z	Clamp Nut [10]	CALL	CALL
NOT SHOWN				
	192019	Drain plug wrench	79.62	95.67
	178708	Parts Bag - includes warranty card, instructions, and items 1, 2, and 16.	155.99	187.44

[1] Used on filters manufactured before 11/98.
[2] Used on filters manufactured after 11/98.
[3] Used on filters manufactured between 11/98 thru 12/00.
[4] Used on filters manufactured after 12/00.
[5] Used on filters manufactured after 3/03.
[6] Used on filters manufactured between 3/03, thru 7/1/03.
[7] Used on filters manufactured after 10/04.
[8] Used on filters manufactured after 5/21/05.
[9] Used on filters manufactured before 9/25.
[10] Used on filters manufactured after 9/25.

CLEAN & CLEAR® RP FILTERS

REPLACEMENT PARTS FOR FIBERGLASS REINFORCED POLYPROPYLENE TANK

Item	Part No.	Description	US List	Can. List
CLEAN & CLEAR RP FILTERS				
1	98209800	High flow manual air relief valve	54.90	65.97
2	190058Z	Pressure gauge	13.93	16.74
3	178548Z	Lid, 100 sq. ft. filter	238.92	287.09
4	178546Z	Lid, 150, 200 sq. ft. filter	238.92	287.09
5	59052900Z	Locking ring assembly	157.66	189.44
6	87300400Z	Body O-ring	15.51	18.64
7	59016200	Air bleed sock kit	21.06	25.31
8	59053700	Center core, 100 sq. ft. filter	219.01	263.16
9	59053800	Center core, 150, 200 sq. ft. filter	335.65	403.32
10	ULTRA-C3	Pleatco ULTRA Cartridge 100 sq.ft.	CALL	CALL
11	ULTRA-C4	Pleatco ULTRA Cartridge 150 sq.ft.	CALL	CALL
12	ULTRA-C5	Pleatco ULTRA Cartridge 200 sq.ft.	CALL	CALL
13	178731Z	Tank bottom	555.33	667.28
14	154712Z	Drain cap assembly	47.76	57.39
14	191474Z	O-ring	2.89	3.47
14	190030Z	Drain Cap Plug	47.78	57.41
15	178732Z	Union nut “C” clip	12.32	14.80
16	U11-200PSZ	Union nut	17.38	20.88
17	178746Z	Union diamond seal	6.66	8.00
18	178733Z	Union, threaded half	70.54	84.76
19	170096	Air relief kit	145.72	175.10
NOT SHOWN				
	154715Z	Drain cap gasket	5.78	6.95



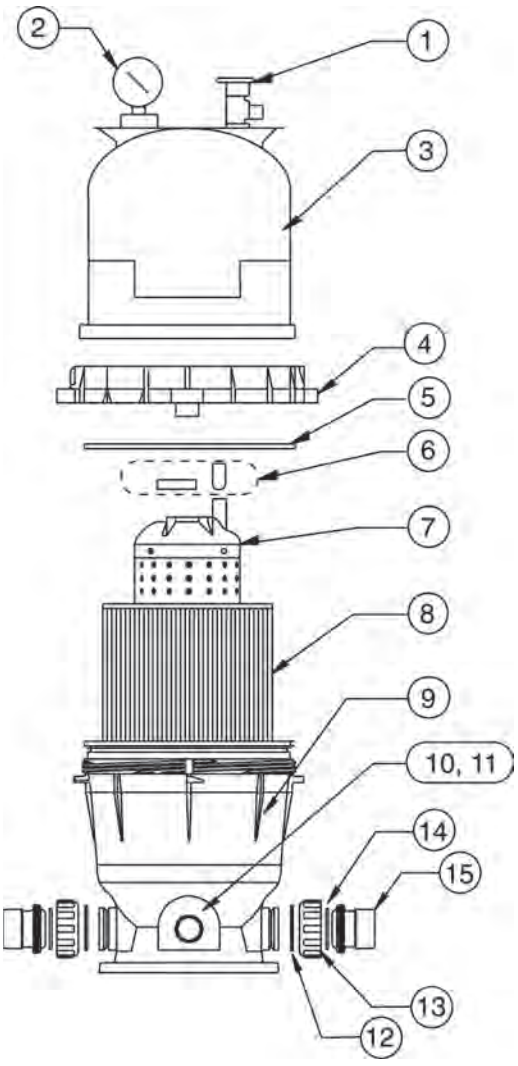
CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
⚠ **AVERTISSEMENT:** Peut Causer le Cancer et des Dommages au Système Reproducteur.
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov. P/N 200174.A

CLEAN & CLEAR® / PREDATOR™ FILTERS

REPLACEMENT PARTS FOR FIBERGLASS REINFORCED POLYPROPYLENE TANK



Item	Part No.	Description	US List	Can. List
CLEAN & CLEAR / PREDATOR FILTERS				
1	98209800	High Flow manual air relief valve	54.90	65.97
2	190058Z	Gauge, pressure	13.93	16.74
3	178553	Lid, 50, 100 sq. ft., almond	256.25	307.91
3	178561	Lid, 75, 150, 200 sq. ft., almond	259.78	312.15
4	59052900Z	Locking ring assembly	157.66	189.44
5	87300400Z	Body O-ring	15.51	18.64
6	59016200	Air bleed sock kit	21.06	25.31
7	59053500	Center core 50 sq. ft.	186.38	223.95
7	59053600	Center core 75 sq. ft.	187.89	225.77
7	59053700	Center core 100 sq. ft.	219.01	263.16
7	59053800	Center core 150, 200 sq. ft.	335.65	403.32
8	ULTRA-C1	Pleatco ULTRA Cartridge 50 sq.ft.	CALL	CALL
8	ULTRA-C2	Pleatco ULTRA Cartridge 75 sq.ft.	CALL	CALL
8	ULTRA-C3	Pleatco ULTRA Cartridge 100 sq.ft.	CALL	CALL
8	ULTRA-C4	Pleatco ULTRA Cartridge 150 sq.ft.	CALL	CALL
8	ULTRA-C5	Pleatco ULTRA Cartridge 200 sq.ft.	CALL	CALL
9	178562	Bottom 50 sq. ft., almond	452.32	543.51
9	178554	Bottom 75 sq. ft., almond	449.55	540.18
9	178563	Bottom 100 sq. ft., almond	576.44	692.65
9	178560	Bottom 150, 200 sq. ft., almond	562.78	676.24
10	86202000	Plug, 1-1/2 in. drain, w/ O-ring [2]	30.50	36.65
11	86300500	Drain cap gasket [1]	8.10	9.73
11	51005000Z	O-ring, drain cap [2]	4.33	5.20
12	39104500Z	Union nut “C” clip	5.78	6.95
13	98212200Z	Union nut	17.42	20.93
14	071426Z	O-ring, union	2.89	3.47
15	79304600Z	Body, swivel	35.55	42.72

[1] Used on filters manufactured before 11/98.

[2] Used on filters manufactured after 11/98.

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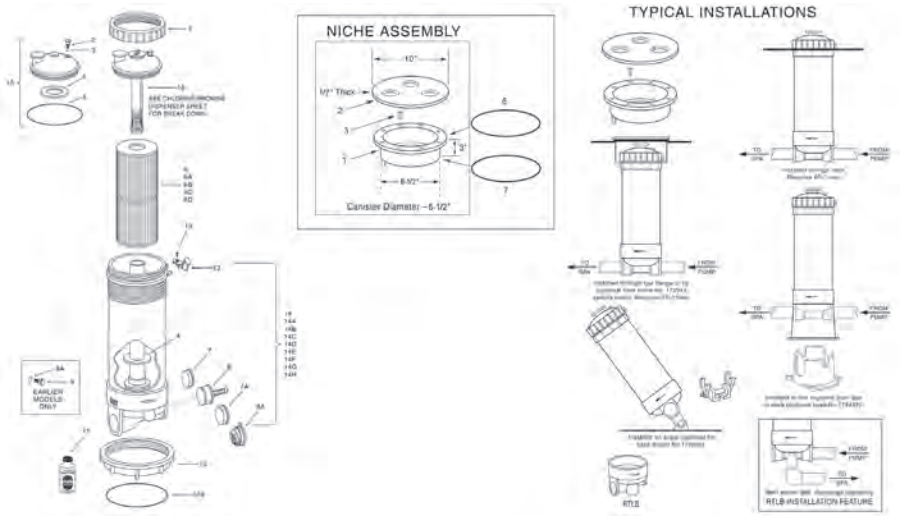
DYNAMIC® FILTER SERIES II & III RTL/RCF
REPLACEMENT PARTS



CALIFORNIA PROPOSITION 65 WARNING

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Item	Part No.	Qty.	Description	US List	Can. List
TOP LOAD IN LINE CARTRIDGE FILTER MODEL RTL/RCF 1-1/2 IN. & 2 IN. HIGH FLOW					
1	R172214	1	Lock ring	28.07	33.73
2	R172224XZ	1	Air vent valve	9.13	10.97
3	R172221Z	1	O-ring for air vent valve	2.31	2.78
4	R172222Z	2	Gasket, cartridge	4.44	5.34
5	R172223Z	1	O-ring lid to housing	5.65	6.79
6A	R172327	1	25 sq. ft. cartridge, 3 oz. [1]	53.06	63.76
6C	R173435	1	75 sq. ft. cartridge	139.39	167.49
6D	R172633		100 sq. ft. cartridge	161.75	194.36
7	R172225X	1	1-1/2 in. Plug to disable by-pass	2.39	2.87
7A	R172679	1	2 in. Plug to disable by-pass	9.42	11.32
8	R172226X	1	1-1/2 in. By-pass assembly	7.26	8.72
8A	R172684	1	2 in. By-pass assembly	22.97	27.60
8B	R172226XF	1	1-1/2 in. By-pass assembly, low flow	8.59	10.32
9	R172392	2	1/4 in. Access plug, earlier models	9.16	11.01
9A	R172393	2	Access plug O-ring, earlier models	9.16	11.01
10	R172370	1	Bottom locking flange	20.37	24.48
11	R172036Z	Opt.	Silicone lubricant	15.53	18.66
12	R172374	1	Lock spring	9.13	10.97
13	R172375	1	Lock screw	2.33	2.80
15	R172385	1	Lid assembly, complete	40.34	48.47
16	R172540	1	Chlorine/bromine dispenser, complete, RCF	116.39	139.85
NOT SHOWN					
	R172452	Opt.	Free standing base	19.58	23.53

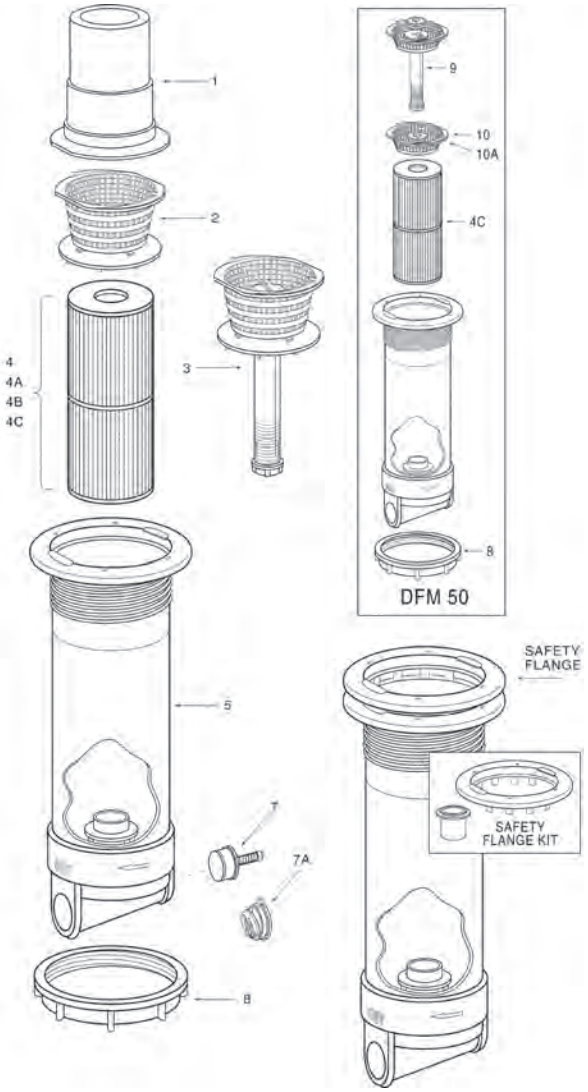
[1] All three cartridges are interchangeable.

[2] Only one applies to your filter, check model number when ordering.

Note: Specify color of cover and niche desired by adding letters after part no., as follows: SS (sterling silver), WH (white), BLK (black).

DYNAMIC® FILTER SERIES IV - DFM, DFML

REPLACEMENT PARTS



Item	Part No.	Qty.	Description	US List	Can. List
DFML 25C, 25, 35, 50 LILY PAD SKIM FILTER					
1					
2	R172661	1	Lily basket w/ restrictor assembly	23.63	28.39
3					
4A	R172327	1	Cartridge, 25 sq. ft., 13-1/4	53.06	63.76
4B					
4C					
5					
7					
8	R172370	1	Bottom locking flange	20.37	24.48
DFM 50 LOW PROFILE, NO WEIR					
9					
10	R22113	1	Basket assembly, short	9.84	11.82
10A	R172686	Opt	Basket short w/ restrictor assembly	24.43	29.36

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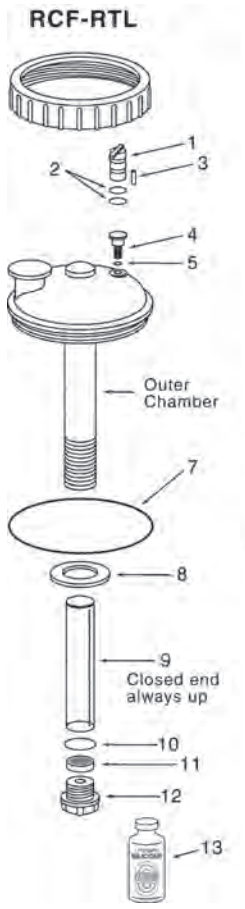
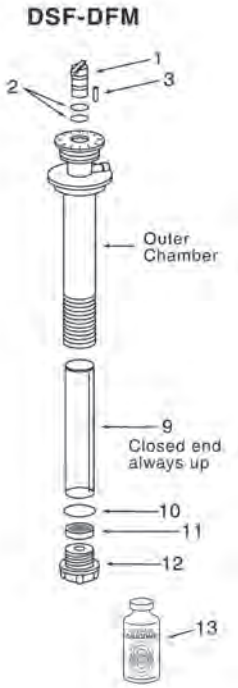
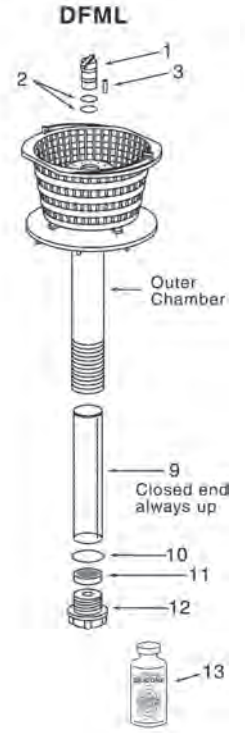
P/N 200174.A

DYNAMIC® FILTER SERIES
CHLORINE/BROMINE DISPENSERS

REPLACEMENT PARTS







Item	Part No.	Qty.	Description	US List	Can. List
			CHLORINE/BROMINE DISPENSER (R172540/R172540F FOR RCF-RTL)		
1	R172399	1	Control valve stem	CALL	CALL
2					
3	R18854	1	Stop pin	CALL	CALL
4	R172224XZ	1	Air vent valve	9.13	10.97
5	R172221Z	1	O-ring for air vent valve	2.31	2.78
6	R172400	1	Inlet screen [1]	CALL	CALL
7	R172223Z	1	O-ring lid to housing	5.65	6.79
8	R172222Z	1	Gasket, cartridge	4.44	5.34
9					
10	R172451	1	O-ring, check valve	3.36	4.04
11	R172401	1	Screen, check valve [1]	CALL	CALL
12	R172406	1	Check valve assembly	CALL	CALL
13	R172036Z	Opt.	Silicone lubricant	15.53	18.66
			CHLORINE/BROMINE DISPENSER (R172560 FOR DSF-DFM)		
1	R172399	1	Control valve stem	CALL	CALL
2					
3	R18854	1	Stop pin	CALL	CALL
6	R172400	1	Inlet screen [1]	CALL	CALL
9					
10	R172451	1	O-ring, check valve	3.36	4.04
11	R172401	1	Screen, check valve [1]	CALL	CALL
12	R172406	1	Check valve assembly	CALL	CALL
13	R172036Z	Opt.	Silicone lubricant	15.53	18.66
			CHLORINE/BROMINE DISPENSER WITH BASKET (R172662 FOR DFML)		
1	R172399	1	Control valve stem	CALL	CALL
2					
3	R18854	1	Stop pin	CALL	CALL
6	R172400	1	Inlet screen [1]	CALL	CALL
9					
10	R172451	1	O-ring, check valve	3.36	4.04
11	R172401	1	Screen, check valve [1]	CALL	CALL
12	R172406	1	Check valve assembly	CALL	CALL
13	R172036Z	Opt.	Silicone lubricant	15.53	18.66

[1] Item No. 6 and No. 11 screens are snapped into place and can easily be removed for cleaning or replacement.

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www.p65warnings.ca.gov. P/N 20074.A

SYSTEM 3® MODULAR MEDIA FILTERS

SM SERIES REPLACEMENT PARTS

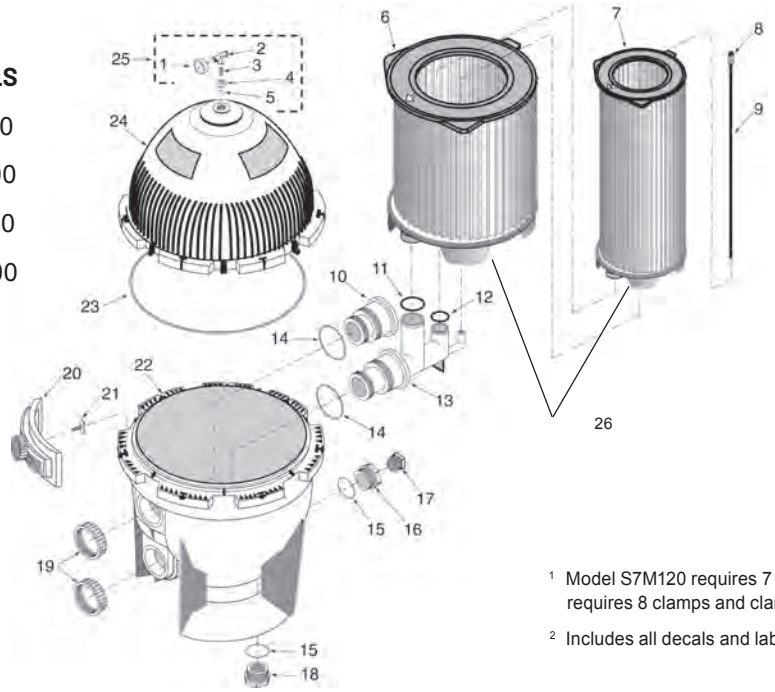
MODELS

S7M120

S7M400

S8M150

S8M500



CALIFORNIA PROPOSITION 65 WARNING

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[1] Model S7M120 requires 7 clamps and clamp bolts. Model S8M 150 requires 8 clamps and clamp bolts.

[2] Includes all decals and labels.

Item	Part No.	Description	US List	Can. List
		SYSTEM 3 MODULAR MEDIA FILTERS		
1	33600-0023T	2 in. Gauge	72.10	86.64
2	154689Z	Air Release Valve	45.64	54.84
3	35202-0959	Nipple	21.10	25.35
4	24900-0504Z	Adapter Bushing	28.09	33.75
5	35505-1423Z	O-Ring	3.22	3.87
6	25022-0201S	Large Cartridge (S7M120, 21 in. Filter)	858.87	1032.02
6	25022-0224S	Large Cartridge (S7M400, 21 in. Filter)	1175.47	1412.44
6	25022-0203S	Large Cartridge (S8M150, 25 in. Filter)	1164.44	1399.19
6	25022-0225S	Large Cartridge (S8M500, 25 in. Filter)	1202.97	1445.49
7	25021-0200S	Small Cartridge (S7M120)	432.21	519.34
7	25021-0223S	Small Cartridge (S7M400)	479.02	575.59
7	25021-0202S	Small Cartridge (S8M150)	715.71	860.00
7	25021-0224S	Small Cartridge (S8M500)	864.36	1038.61
8	WC8-126Z	Air Bleed Filter	23.10	27.76
9	25021-0003Z	Air Bleed Tube	14.71	17.68
10	25021-0101Z	Baffle and Bulkhead Fitting	107.18	128.79
11	35505-1428Z	O-Ring	9.33	11.21
12	35505-1429Z	O-Ring	4.33	5.20
13	25021-0100Z	Elbow and Bulkhead Assembly	159.65	191.84
14	35505-1425Z	O-Ring	24.90	29.92
15	35505-1424Z	O-Ring	14.92	17.93
16	24900-0509Z	Adapter Fitting	43.18	51.89
17	27001-0022Z	1-1/2 in. NPT Plug	4.45	5.35
18	24900-0503Z	Drain Plug	42.97	51.63

Item	Part No.	Description	US List	Can. List
19	24752-0050Z	Bulkhead Retaining Nut	37.12	44.60
20	24850-0200Z	Clamp Assembly [1]	196.50	236.11
21	24850-0010Z	Clamp Bolt [1]	47.59	57.18
22	24850-0102S	Lower Tank Half, 21 in. Filter	1680.92	2019.79
22	24851-0103S	Lower Tank Half, 25 in. Filter	1899.20	2282.08
23	24850-0008Z	Cord Ring, 21 in. Filter	96.60	116.07
23	24850-0009	Cord Ring, 25 in. Filter	110.24	132.46
24	24851-9000	Upper Tank Half Kit, 21 in. Filter [2]	1505.28	1808.74
24	24851-9001	Upper Tank Half Kit, 25 in. Filter [2]	1851.53	2224.80
25	24850-0105	Valve & Gauge Assembly (Includes #1, 2, 3, 4, 5)	150.44	180.77
26	170145	S7M120 Inner/Outer Cartridge Pack	859.28	1032.51
26	170146	S7M400 Inner/Outer Cartridge Pack	1188.62	1428.25
26	170147	S8M150 Inner/Outer Cartridge Pack	1396.29	1677.78
26	170148	S8M500 Inner/Outer Cartridge Pack	1836.98	2207.32
		NOT SHOWN		
	24850-0016Z	Clamp Retaining Ring [1]	10.84	13.03
	PKG 188Z	2 in. Slip 1/2 Union Kit	48.66	58.47
	U9-362Z	O-Ring	4.33	5.20

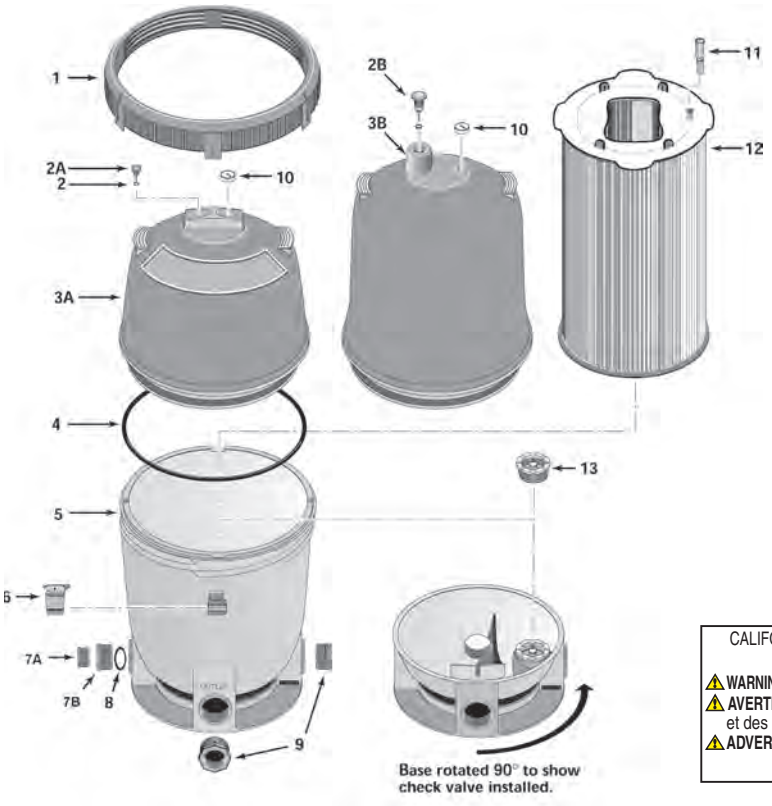
SYSTEM:2™ MODULAR MEDIA FILTERS

PLM SERIES REPLACEMENT PARTS

STA-RITE

MODELS

PLM100
PLM125
PLM150
PLM175
PLM200
PLM300



CALIFORNIA PROPOSITION 65 WARNING

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www.p65warnings.ca.gov. P/N 2007143

Item	Part No.	Description	US List	Can. List
SYSTEM:2 MODULAR MEDIA FILTERS				
1	27001-0054S	Posi-Lok™ ring	317.91	382.00
2A	25010-0200	Air release valve assy. w/ O-ring P/N U9-359Z	54.56	65.56
2B	24206-0103S	Air vent stem w/ O-ring P/N 35505-7439	16.22	19.49
3A	27001-0020S	Tank shell upper half [1, 5] Models PLM100, PLM125, PLM150, PLM175, PLM200	476.11	572.09
3B	27001-0030S	Tank shell upper half [1, 5] Model PLM300	748.91	899.89
4	27001-0061S	Cord-ring	82.95	99.67
4	27001-0060S	Cord-ring (Pre 3/97) Models PLM100, PLM150	82.21	98.78
5	27001-0009S	Tank shell lower half [4, 5]	808.78	971.83
6	27001-0051Z	Safety latch for ring	22.37	26.88
7A	27001-0022Z	1-1/2 in. NPT plug	4.45	5.35
7B	24900-0510	Adapter fitting	43.18	51.89
8	35505-1424Z	O-ring	14.92	17.93
9	U78-820PZ	2 in. x 1-1/2 in. Pipe reducer [2]	20.49	24.62
10	15060-0000T	Pressure gauge [3]	72.02	86.54
11	24800-0121	Air bleed assembly	27.60	33.16
12	27002-0100S	Filter module - Model PLM100	452.72	543.99
12	27002-0125S	Filter module - Model PLM125	545.48	655.45
12	27002-0150S	Filter module - Model PLM150	672.01	807.49
12	27002-0175S	Filter module - Model PLM175	756.35	908.83
12	27002-0200S	Filter module - Model PLM200	843.53	1013.59
12	27002-0300S	Filter module - Model PLM300	1085.33	1304.13
13	27001-0130S	Spring check valve [2]	34.49	41.44
NOT SHOWN				
	33455-1050	Spring check valve gasket	6.19	7.44

[1] Includes all decals and labels.

[2] Optional Equipment.

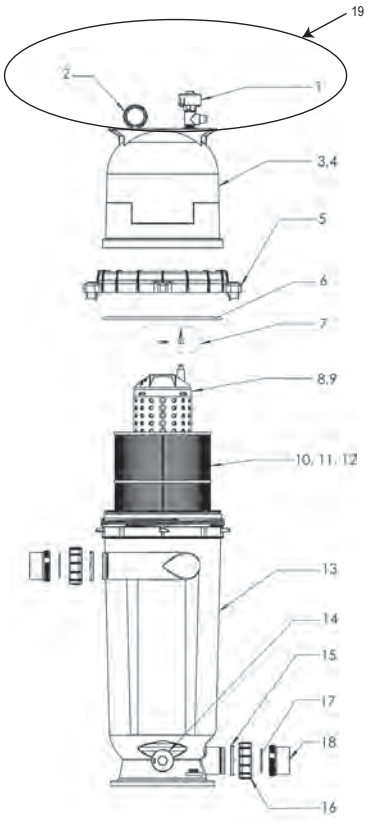
[3] Shipped in accessory package.

[4] Includes 24900-0510 adapter fitting, 27001-0051Z safety latch, & 27001-0054 PosiLok™ ring.

[5] Filters manufactured before 2005 should also purchase a top and bottom.

POSI-CLEAR™ RP FILTERS

PXC SERIES REPLACEMENT PARTS



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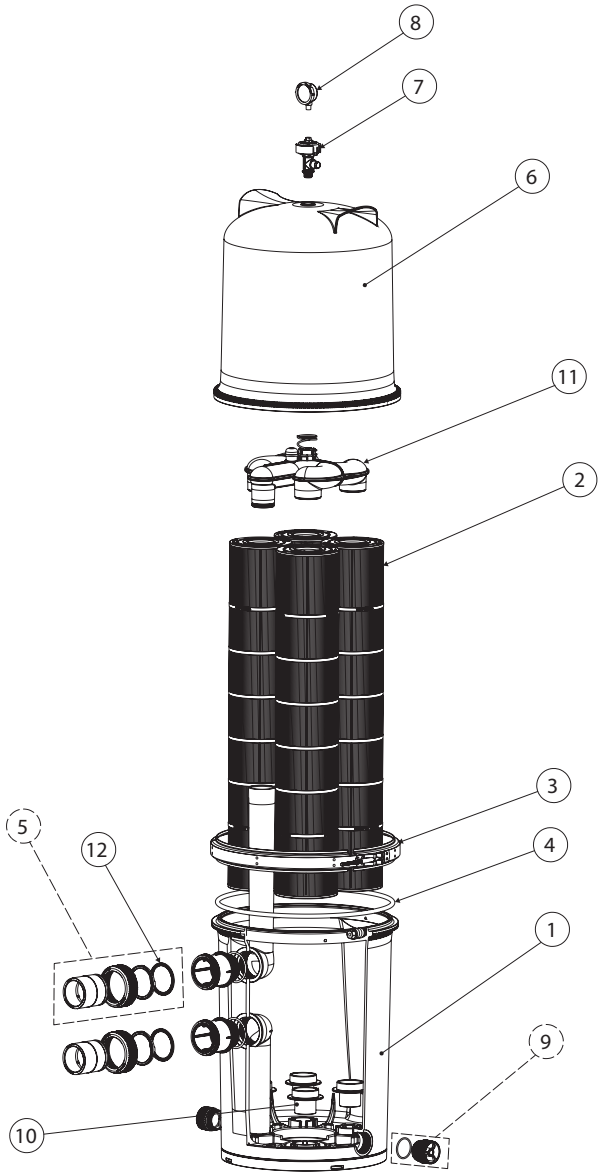
Item	Part No.	Description	US List	Can. List
		POSI-CLEAR RP FILTERS		
1	98209800	High flow manual air relief valve	54.90	65.97
2	190058Z	Pressure gauge	13.93	16.74
3	59053001Z	Lid, 100 sq. ft. filter	256.25	307.91
4	178745Z	Lid, 150, 200 sq. ft. filter	238.92	287.09
5	59052900Z	Locking ring assembly	157.66	189.44
6	87300400Z	Body O-ring	15.51	18.64
7	59016200	Air bleed sock kit	21.06	25.31
8	59053700	Center core, 100 sq. ft. filter	219.01	263.16
9	59053800	Center core, 150, 200 sq. ft. filter	335.65	403.32
10	ULTRA-C3	Pleatco ULTRA Cartridge 100 sq.ft.	CALL	CALL
11	ULTRA-C4	Pleatco ULTRA Cartridge 150 sq.ft.	CALL	CALL
12	ULTRA-C5	Pleatco ULTRA Cartridge 200 sq.ft.	CALL	CALL
13	178743Z	Tank bottom	555.33	667.28
14	154712Z	Drain Plug Kit	CALL	CALL
15	178732Z	Union nut “C” clip	12.32	14.80
16	U11-200PSZ	Union nut	17.38	20.88
17	178746Z	Union diamond seal	6.66	8.00
18	178733Z	Union, threaded half	70.54	84.76

FULLFLOXF®

HIGH-EFFICIENCY FILTERS REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
FULLFLOXF Q-SERIES				
1*				
2	178750z	Filter Cartridge (QTY 1, 4 Required)	CALL	CALL
3	190003	Clamp Ring Assembly	511.04	614.07
4	39010200z	O-ring, Tank	89.41	107.44
5	178829	Bulkhead Kit (Qty 2)	42.03	50.50
6				
7	98209800	Manual Air Relief Valve	54.90	65.97
8	190058z	Pressure Gauge	13.93	16.74
9	178816	Drain Plug Kit	CALL	CALL
10	178697z	Support Pipe (Qty 4)	27.43	32.96
11	178838	Top Manifold Kit	214.37	257.59
12	410016z	Diamond Seal Kit	18.93	22.75
NOT SHOWN				
—	178840	Anchor Clamp Kit	62.84	75.51
—	188616	Q120 DE replacements grid	CALL	CALL

(*) - Tank Bottom (item #1) includes items 5 and 9.

CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
⚠ **AVERTISSEMENT:** Peut Causer le Cancer et des Dommages au Système Reproducteur.
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

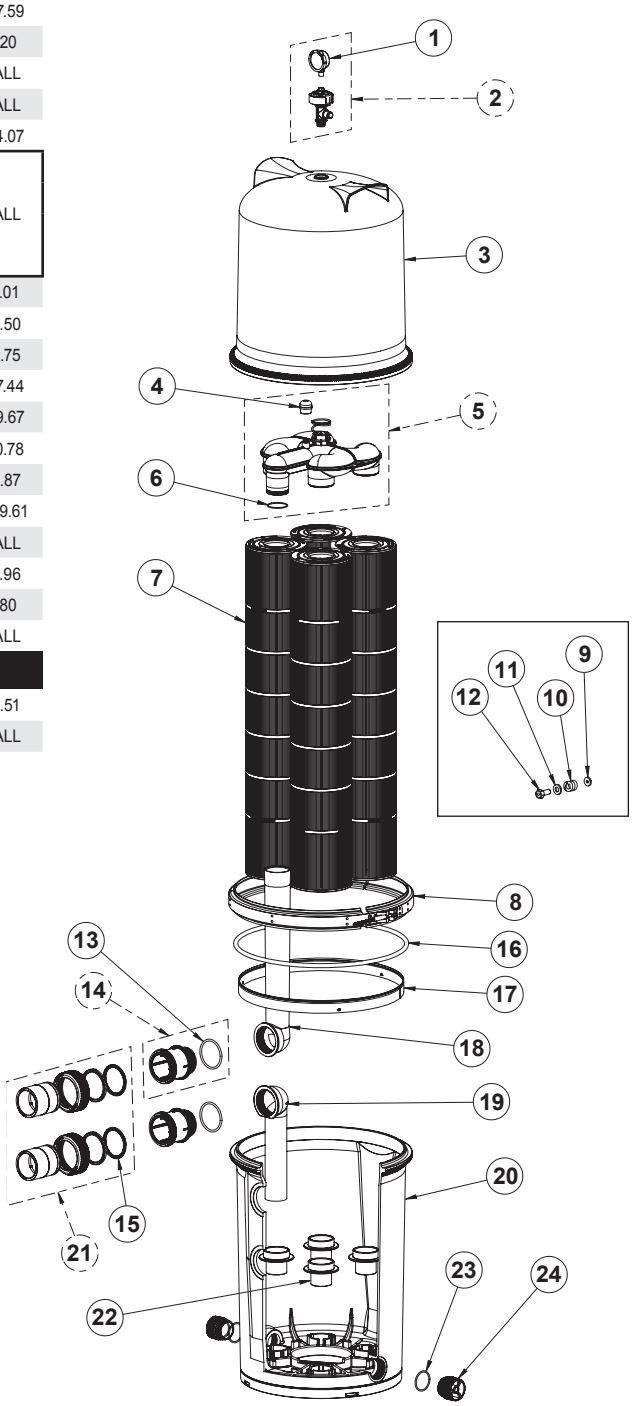
www.p65warnings.ca.gov. P/N 200174.A

FULLFLOXF®

HIGH-EFFICIENCY FILTERS REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
		FULLFLOXF C-SERIES		
1	190058z	Pressure Gauge	13.93	16.74
2	98209800	Manual Air Relief Valve	54.90	65.97
3	178810	Tank Lid	CALL	CALL
4	190106z	Air Bleed Screen Cap	42.81	51.44
5	178838	Top Manifold Kit	214.37	257.59
6	192323Z	O-ring, Manifold	4.33	5.20
7	170102	Filter Cartridge (QTY 1, 4 required)	CALL	CALL
7	ULTRA-A18-PAK4	Pleatco ULTRA Cartridge 620 sq. ft.	CALL	CALL
8	190003	Clamp Ring Assembly	511.04	614.07
9 10 11 12	53108900Z	Spring/Barrell Nut Kit	CALL	CALL
13	R170055	O-ring, Bulkhead (Qty 2)	9.16	11.01
14	178829	Bulkhead Kit (Qty 2)	42.03	50.50
15	410016z	Diamond Seal Kit	18.93	22.75
16	39010200z	O-ring, Tank	89.41	107.44
17	195339	Backup Ring	116.24	139.67
18	178691z	Pipe Outlet	92.19	110.78
19	198249z	Pipe Inlet	48.99	58.87
20*	178830	Tank Bottom	2654.47	3189.61
21	410020z	Union Kit	CALL	CALL
22	178697z	Support Pipe (Qty 4)	27.43	32.96
23	273062Z	O-ring, Drain (Qty 2)	4.83	5.80
24	178816	Drain Plug (Qty 2)	CALL	CALL
		NOT SHOWN		
—	178840	Anchor Clamp Kit	62.84	75.51
—	160448	C620 Cartridge Replacements	CALL	CALL

(*) - Tank Bottom (item #20) includes items 14, 17, 18, 19 and 24



CALIFORNIA PROPOSITION 65 WARNING

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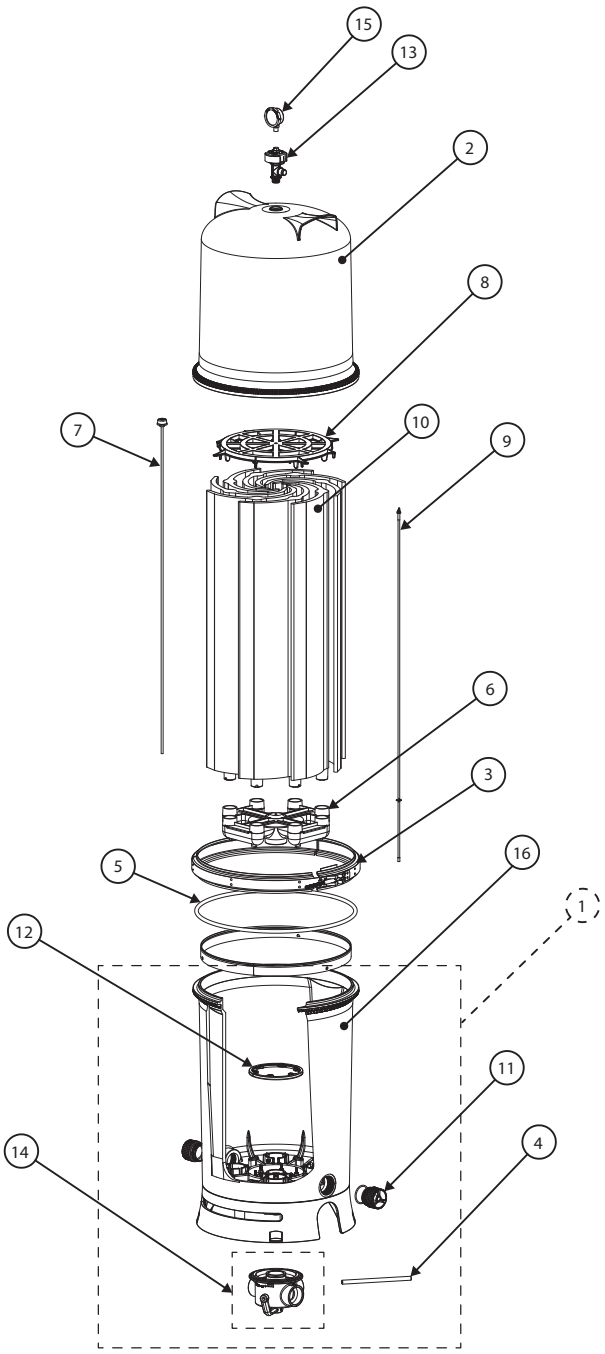
FULLFLOXF® (CONT'D)

HIGH-EFFICIENCY FILTERS REPLACEMENT PARTS



188624 (FV60) AND 188625 (FV72)

Item	Part No.	Description	US List	Can. List
		FULLFLOXF FV-SERIES		
1	178815	Tank Bottom Assembly	CALL	CALL
2	178810	Tank Lid	CALL	CALL
3	190003	Clamp Ring Assembly	511.04	614.07
4	178817	Valve Handle	CALL	CALL
5	39010200z	O-ring, Tank	89.41	107.44
6	178827	Bottom Manifold with Vent Tube	CALL	CALL
7	178814	Center Rod and Washer 4072	CALL	CALL
8	071019Z	Holding Wheel	55.53	66.72
9	178818	Air Bleed Tube	CALL	CALL
10	074925	Grid Element 2060 (QTY 1, 8 Req.)	CALL	CALL
10	074926	Grid Element 2072 (Qty 1, 8 Req.)	CALL	CALL
10	PFS3672	Pleatco Grid Assembly	CALL	CALL
11	178816	Drain Plug and O-ring	CALL	CALL
12	178820	Ring Compression Kit	CALL	CALL
13	98209800	Manual Air Relief Valve	54.90	65.97
14	178828	Backwash Valve Assembly	CALL	CALL
15	190058z	Pressure Gauge	13.93	16.74
16	178821	Tank Bottom	CALL	CALL
		NOT SHOWN		
—	178840	Anchor Clamp Kit	62.84	75.51
—	073370	Rotor and Seal	233.56	280.65

CALIFORNIA PROPOSITION 65 WARNING

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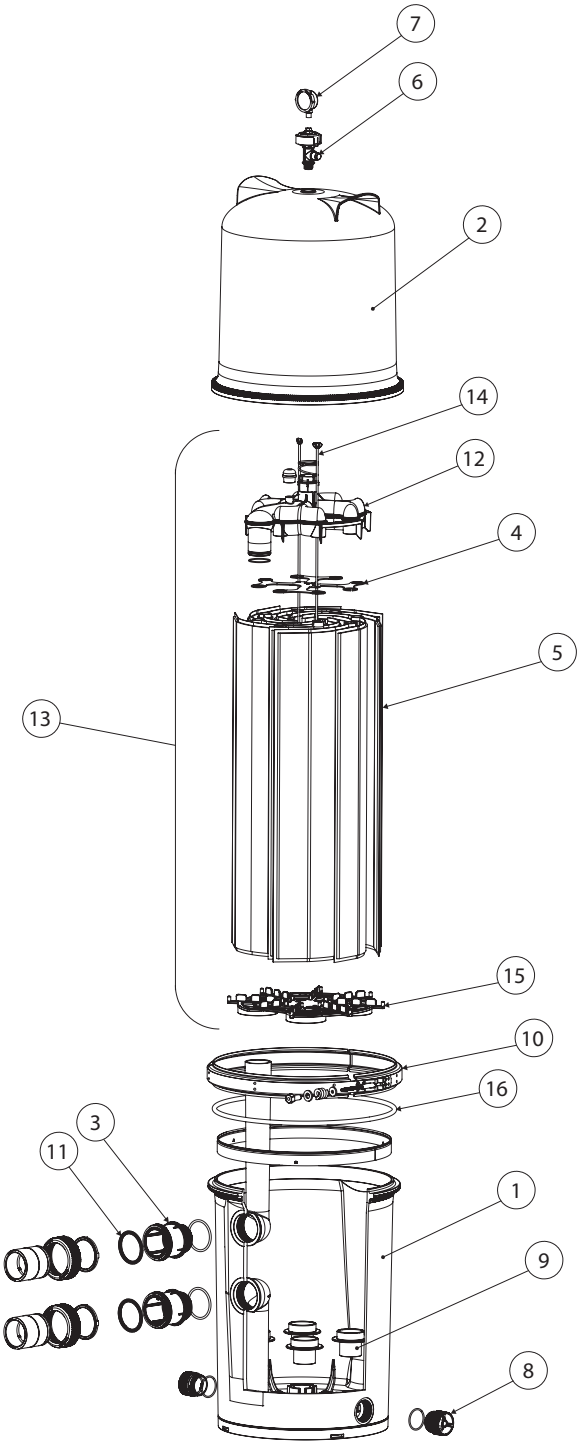
FULLFLOXF® (CONT'D)

HIGH-EFFICIENCY FILTERS REPLACEMENT PARTS

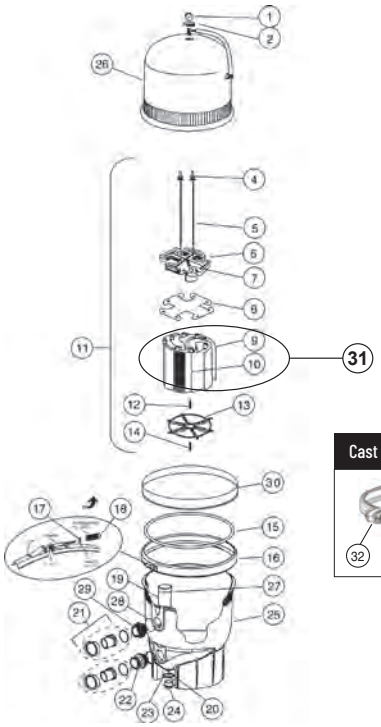
Item	Part No.	Description	US List	Can. List
		FULLFLOXF F-SERIES		
1	176203	Tank Bottom	2642.22	3174.89
2	178810	Tank Lid	CALL	CALL
3	178829	Bulkhead Kit (Qty 2)	42.03	50.50
4	59003600	Filter Grid Assembly (Qty 7)	94.95	114.09
5	59003500	Filter Grid	92.24	110.84
6	98209800	Manual Air Relief Valve	54.90	65.97
7	190058z	Pressure Gauge	13.93	16.74
8	178816	Drain Plug (Qty 2)	CALL	CALL
9	178697z	Support Pipe (Qty 4)	27.43	32.96
10	190003	Clamp Ring Assembly	511.04	614.07
11	410016z	Diamond Seal Kit	18.93	22.75
12				
13	178903	Element Grid Assembly	1165.75	1400.77
13	PFS3672	Pleatco Grid Assembly	CALL	CALL
14	173703	Tie Rod	87.84	105.55
15	198245z	Grid Locator	150.43	180.76
16	39010200z	O-ring, Tank	89.41	107.44
		NOT SHOWN		
—	178840	Anchor Clamp Kit	62.84	75.51

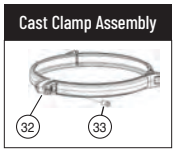


188621 (F72 MODEL)

FNS® PLUS FILTERS

REPLACEMENT PARTS FOR VERTICAL GRID FILTERS





Item	Part No.	Description	US List	Can. List
		FNS PLUS FILTERS		
1	190058Z	Gauge, pressure	13.93	16.74
2	98209800	High Flow manual air relief valve, HFMARV	54.90	65.97
4	071404Z	Wing nut	22.71	27.29
5	59000800	Tie rod, 24 sq. ft. filter	62.99	75.69
5	59001500	Tie rod, 36 sq. ft. filter	67.38	80.96
5	59002100	Tie rod, 48 sq. ft. filter	CALL	CALL
5	59002700	Tie rod, 60 sq. ft. filter	73.60	88.44
6	59023700	Manifold, top w/air bleed	237.27	285.10
7	190092	Internal ail bleed assembly Pre 10/09 - porous white material After 10/09 - stainless steel mesh	43.03	51.70
8	98725800	Template, filter	12.31	14.79
9	PFG1836	18" in. 36 sq. ft. Full Grid	CALL	CALL
9	PFG2448	24" in. 48 sq. ft. Full Grid	CALL	CALL
9	PFG3060	30" in. 60 sq. ft. Full Grid	CALL	CALL
9	PHG1836	18" in. 36 sq. ft. Half Grid	CALL	CALL
9	PHG2448	24" in. 48 sq. ft. Half Grid	CALL	CALL
10	PHG3060	30" in. 60 sq. ft. Half Grid	CALL	CALL
10	PFS1836	18" in. 36 sq. ft. Grid Set	CALL	CALL
10	PFS2448	24" in. 48 sq. ft. Grid Set	CALL	CALL
10	PFS3060	30" in. 60 sq. ft. Grid Set	CALL	CALL
11	59023800	Assembly, element grid, complete, 24 sq. ft. filter	703.07	844.81
11	59023500	Assembly, element grid, complete, 36 sq. ft. filter	626.76	753.11
11	59023400	Assembly, element grid, complete, - 48 sq. ft. filter	710.24	853.42
11	59023300	Assembly, element grid, complete, - 60 sq. ft. filter	752.18	903.82
12	98211400Z	Nut, 1/4-20, plated brass	CALL	CALL
13	59000500	Spider, grid locator	126.88	152.46
14	58001000	Nut, lock, hex, nylon	3.53	4.24
15	39010200Z	O-ring, tank clamp, .470 O.D.	89.41	107.44
16	190003	Kit Spring Clamp Band [5]	511.04	614.07
17				
18	53108900Z	Spring/barrel nut assembly [5]	76.35	91.74
19				
19	190035	Assembly, standpipe, outlet, 36 sq. ft. filter, 10-3/8 in. tall	110.61	132.91
19	190036	Assembly, standpipe, outlet, 48 sq. ft. filter, 16-3/8 in. tall	127.96	153.76
19	190037	Assembly, standpipe, outlet, 60 sq. ft. filter, 22-3/8 in. tall	120.56	144.86
20	86006900Z	O-ring, bulkhead	5.78	6.95
21	271096	Bulkhead union, set (Optional)	97.68	117.37
21	270100	Valve Adapter Kit, 2 in. Black (Optional)	107.01	128.58
22	190043	Assembly, pipe, inlet, includes bulkhead	171.34	205.88
23	51005000Z	O-ring for drain plug	4.33	5.20
23	191474Z	O-ring for drain plug [3]	2.89	3.47
24	86202000	Plug, 1-1/2 in. drain, w/ O-ring	30.50	36.65
24	190030Z	Cap drain [3]	47.78	57.41
25				
25	170016	Tank bottom, assembly, 36 sq. ft. filter	808.04	970.94
25	170017	Tank bottom, assembly, 48 sq. ft. filter	815.97	980.47
25	170018	Tank bottom, assembly, 60 sq. ft. filter	819.71	984.96
26	170019	Tank lid, 24 sq. ft. filter	CALL	CALL
26	170020	Tank lid, 36 sq. ft. filter	461.52	554.56
26	170021	Tank lid, 48 sq. ft. filter	558.80	671.45
26	170022	Tank lid, 60 sq. ft. filter	651.70	783.08
27	59000600	O-ring, bulkhead	CALL	CALL
28	192320	O-ring 2-137 Buna N 70SH [1]	6.50	7.81
28	86006900Z	O-ring bulkhead [2]	5.78	6.95
29	190141	Bulkhead Kit, 2 in. w/ O-ring [2]	170.58	204.97
30	195339	SS back-up ring [4]	116.24	139.67
31	198080	24 Grid Element Pack (7 large, 1 small)	275.76	331.35
31	198081	36 Grid Element Pack (7 large, 1 small)	336.72	404.60
31	198082	48 Grid Element Pack (7 large, 1 small)	441.93	531.02
31	198083	60 Grid Element Pack (7 large, 1 small)	483.98	581.55
32	198102	Cast Clamp Assembly [6]	CALL	CALL
33	198098z	Clamp Nut [6]	CALL	CALL
		NOT SHOWN		
	192019	Wrench, drain plug	79.62	95.67
	196019	Parts Bag (Includes warranty card, instruction book, and items 1 and 2)	110.38	132.63

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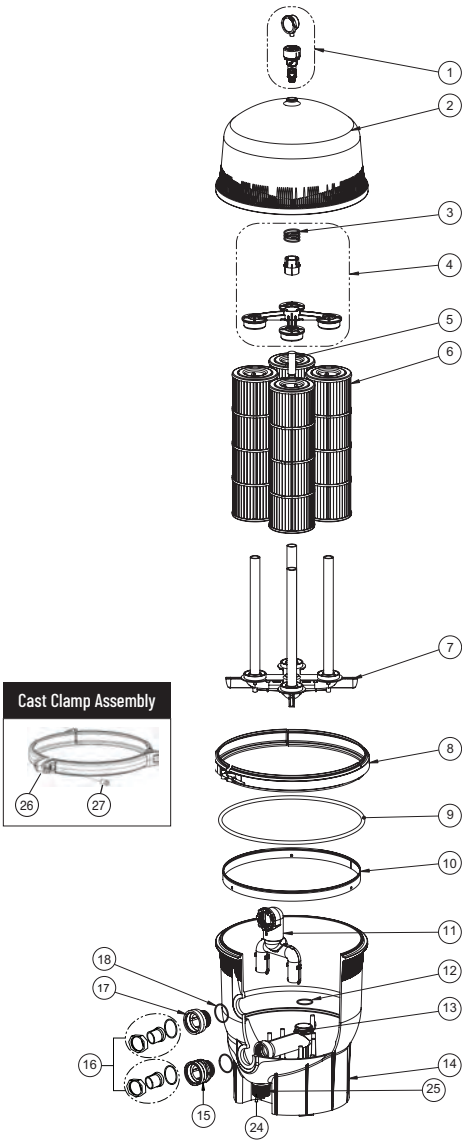
www.p65warnings.ca.gov.

P/N 200174.A

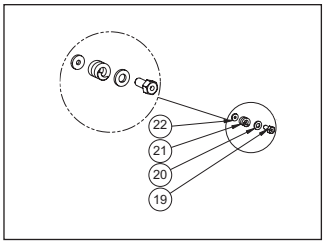
[1] Used on filters manufactured before 10/04.
[2] Used on filters manufactured after 10/04.
[3] Used on filters manufactured after 5/21/05.
[4] Used on filters manufactured after 2/03.
[5] Used on filters manufactured before 9/25.
[6] Used on filters manufactured after 9/25.

QUAD D.E.® FILTERS

REPLACEMENT PARTS



Cast Clamp Assembly



Item	Part No.	Description	US List	Can. List
QUAD D.E. FILTERS				
1	98209800	Assy. Manual air relief valve	54.90	65.97
2	170024	Lid, Quad 60	465.45	559.28
2	178581	Lid, Quad 80	531.94	639.18
2	178582	Lid, Quad 100	626.66	752.99
3	178616Z	Spring compression	10.34	12.42
4	170026	Manifold top assembly	126.88	152.46
5	170029	Air bleeder assy., Quad 60	73.60	88.44
5	170028	Air bleeder assy., Quad 80	74.83	89.92
5	178583	Air bleeder assy., Quad 100	72.57	87.20
6	178656Z	Cartridge, Quad 100 * (QTY 1, 4 Req.)	CALL	CALL
6	178655Z	Cartridge, Quad 80 * (QTY 1, 4 Req.)	CALL	CALL
6	178654Z	Cartridge, Quad 60 * (QTY 1, 4 Req.)	CALL	CALL
7	170040	Manifold assy. Bottom	264.84	318.23
8	190003	Kit Spring Clamp Band [1]	511.04	614.07
9	39010200Z	O-ring RPM tank clamp	89.41	107.44
10	195339	Ring back-up - FNS Pls	116.24	139.67
11	196024S	Diverter Assembly, Retro Kit	156.13	187.61
12	354571Z	O-ring	5.60	6.73
13	170036	Pipe outlet - RPM fltr	149.89	180.11
14	195999	Bottom tank w/ drain plug 7-1/2 in.	902.48	1084.42
15	178575	Bulkhead bottom	CALL	CALL
16	178711	Parts Bag - includes warranty card, instruction Book, Adapter Kit (270100) and Pressure Gauge (190058Z)	158.73	190.73
17	194801	Bulkhead - 2-3/8-8 butt	CALL	CALL
18	86006900Z	O-ring 2-329 bulkhead RPM	5.78	6.95
19 20 21 22	53108900Z	Spring/Barrell Nut Kit	CALL	CALL
24	191474Z	O-ring for Drain Plug	2.89	3.47
25	190030Z	Cap Drain	47.78	57.41
26	198102	Cast Clamp Assembly [2]	CALL	CALL
27	198098z	Clamp Nut [2]	CALL	CALL
NOT SHOWN				
	190106Z	Repl. Screen Cap for Air Bleeder Assy.	42.81	51.44
	274426	Adapter Kit - 2-1/2 in. x 2 in.	CALL	CALL
	190058Z	Pressure Gauge	CALL	CALL

[1] Used on filters manufactured before 9/25.

[2] Used on filters manufactured after 9/25.

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SYSTEM:2™ MODULAR D.E. FILTERS

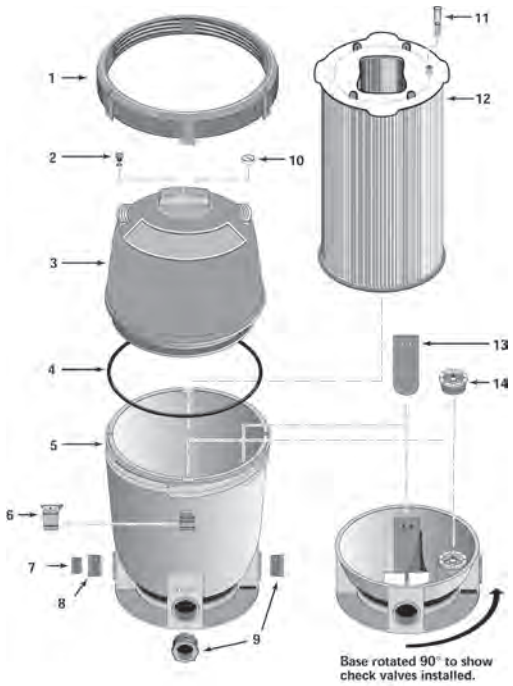
PLD SERIES REPLACEMENT PARTS

STA-RITE

MODELS

PLD50 - DE

PLD70 - DE



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Item	Part No.	Description	US List	Can. List
		SYSTEM:2 MODULAR D.E. FILTERS		
1	27001-0054S	Posi-Lok® ring	317.91	382.00
2	25010-0200	Air release valve assembly	54.56	65.56
3	27001-0020S	Tank shell upper half [1, 5]	476.11	572.09
4	27001-0061S	Cord-ring	82.95	99.67
4	27001-0060S	Cord-ring (Pre 3/97), PLD50	82.21	98.78
5	27001-0009S	Tank shell lower half w/ ring [4, 5]	808.78	971.83
6	27001-0051Z	Safety latch for ring	22.37	26.88
7A	27001-0022Z	1-1/2 in. NPT plug w/ O-Ring	4.45	5.35
7B	24900-0509Z	Adapter fitting (Pre 10/03)	43.18	51.89
7B	24900-0510	Adapter fitting	43.18	51.89
9	U78-820PZ	2 in. x 1-1/2 in. Pipe reducer [2]	20.49	24.62
10	15060-0000T	Pressure gauge [3]	72.02	86.54
11	24800-0120	Air bleed assembly	33.22	39.92
12	27002-0030S	Filter module, PLD50	567.98	682.48
12	27002-0036S	Filter module, PLD70	660.76	793.97
13	27001-0011Z	Flapper valve	26.73	32.12
14	27001-0130S	Spring check valve [2]	34.49	41.44
		NOT SHOWN		
	33455-1050	Spring check valve gasket	6.19	7.44

[1] Includes all decals and labels.

[2] Optional Equipment.

[3] Shipped in accessory package.

[4] Includes 27001-0051Z safety latch, & 27001-0054 Posi-Lok ring™ ring.

[5] Filters made before 2005 should replace the top and bottom together.

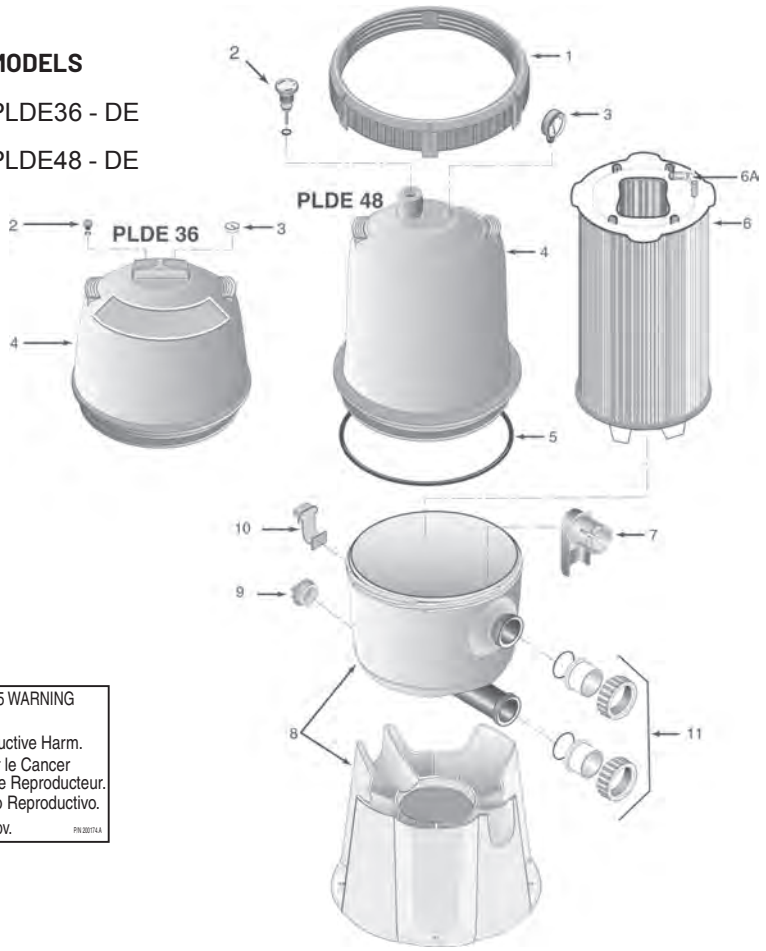
SYSTEM:2™ MODULAR D.E. FILTERS

PLDE SERIES REPLACEMENT PARTS

MODELS

PLDE36 - DE

PLDE48 - DE



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www.p65warnings.ca.gov. P/N 201714.A

Item	Part No.	Description	US List	Can. List
		SYSTEM:2 MODULAR D.E. FILTERS		
1	27001-0054S	Posi-Lok® Ring	317.91	382.00
2	25010-0200	Air Release Valve with O-ring, PLDE36	54.56	65.56
2	24206-0103S	Air Release Valve with O-ring, PLDE48	16.22	19.49
3	15060-0000T	Pressure Gauge	72.02	86.54
4	27001-0020S	Tank Upper Half with Air Relief Valve, PLDE36 [2]	476.11	572.09
4	27001-0030S	Tank Upper Half with Air Relief Valve, PLDE48 [2]	748.91	899.89
5	27001-0061S	Tank O-Ring	82.95	99.67
6	27002-0036S	Filter Module, PLDE36	660.76	793.97
6	27002-0048S	Filter Module, PLDE48	829.46	996.68
6A	24800-0120	Air Bleed Assembly	33.22	39.92
7	27001-0015S	Diverter	45.57	54.76
8	27001-0016S	Tank Lower Half & Support Base [1, 2]	402.92	484.15
9	27001-0022Z	Drain Plug	4.45	5.35
10	27001-0051	Safety Latch	22.37	26.88
11	PKG 188Z	2 in. Union Adapter Package (includes 2)	48.66	58.47

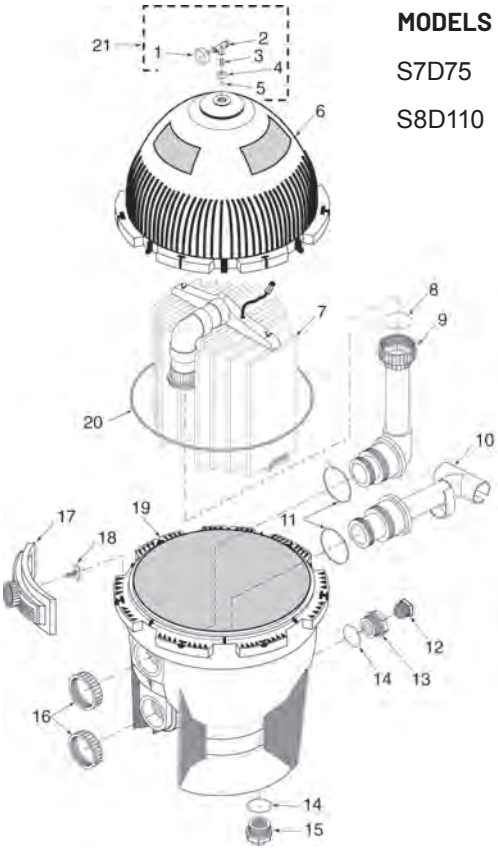
[1] Includes Item Nos. 7, 8, 9, 10.

[2] Filters manufactured before 2005 should replace the top and bottom together.

SYSTEM 3® D.E. FILTERS

SD SERIES REPLACEMENT PARTS

STA-RITE



MODELS

S7D75

S8D110

Item	Part No.	Description	US List	Can. List
		SYSTEM 3 D.E. FILTERS		
1	33600-0023T	2 in. Gauge	72.10	86.64
2	154689Z	Air Release Valve	45.64	54.84
3	35202-0959	Nipple	21.10	25.35
4	24900-0504Z	Adapter Bushing	28.09	33.75
5	35505-1423Z	O-Ring	3.22	3.87
6	24851-9000	Upper Tank Shell Kit, S7D75	1505.28	1808.74
6	24851-9001	Upper Tank Shell Kit, S8D110	1851.53	2224.80
7	23900-1220S	Filter Assembly, S7D75	1820.39	2187.38
7	23900-1221S	Filter Assembly, S8D110	2352.72	2827.03
8	U9-362Z	O-Ring	4.33	5.20
9	23911-0102	Outlet Assembly	210.58	253.03
10	23911-0100	Inlet Assembly, S7D75	155.02	186.27
10	23911-0101	Inlet Assembly, S8D110	157.21	188.90
11	35505-1425Z	O-Ring	24.90	29.92
12	27001-0022Z	1-1/2 in. NPT Plug	4.45	5.35
13	24900-0509Z	Adapter Fitting	43.18	51.89
14	35505-1424Z	O-Ring	14.92	17.93
15	24900-0503Z	Drain Plug	42.97	51.63
16	24752-0050Z	Bulkhead Retaining Nut	37.12	44.60
17	24850-0200Z	Clamp Assembly [1]	196.50	236.11
18	24850-0010Z	Clamp Bolt [1]	47.59	57.18
19	24850-0102S	Lower Tank Shell, S7D75	1680.92	2019.79
19	24851-0103S	Lower Tank Shell, S8D110	1899.20	2282.08
20	24850-0008Z	Cord Ring, S7D75	96.60	116.07
20	24850-0009	Cord Ring, S8D110	110.24	132.46
21	24850-0105	Valve & Gauge Assembly (Includes #8, 9, 11, 16)	150.44	180.77
		NOT SHOWN		
	24850-0016Z	Clamp Retaining Ring	10.84	13.03

[1] Model S7D75 uses seven (7) clamps and bolts; Model S8D110 uses eight (8).

CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

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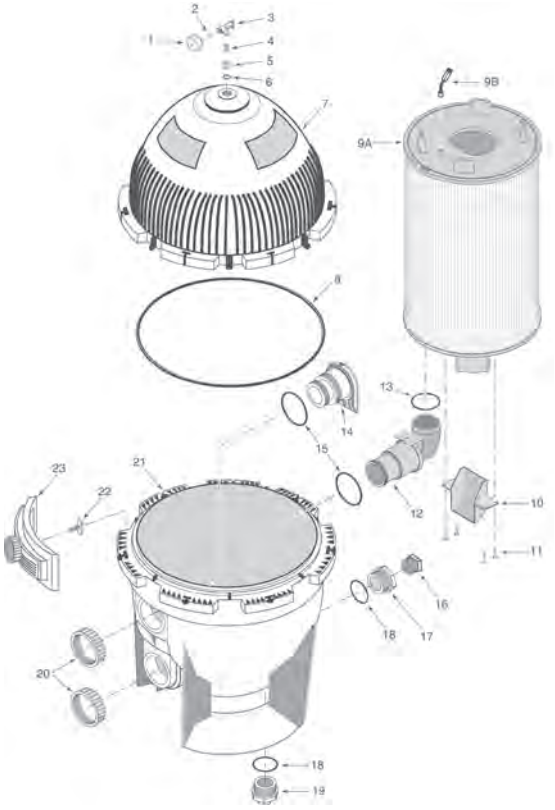
SYSTEM 3® MODULAR D.E. FILTERS

SMD SERIES REPLACEMENT PARTS

STA-RITE



Item	Part No.	Description	US List	Can. List
SYSTEM 3 MODULAR D.E. FILTERS				
1	33600-0023T	2 in. Gauge	72.10	86.64
3	154689Z	Air Release Valve	45.64	54.84
4	35202-0959	Close Nipple, 1/4 in.	21.10	25.35
5	24900-0504Z	Adapter Bushing	28.09	33.75
6	35505-1423Z	O-Ring	3.22	3.87
7	24851-9000	Upper Tank Shell Kit [1]	1505.28	1808.74
8	24850-0008Z	Tank O-Ring	96.60	116.07
9A	25023-0160S	Replacement Module	1017.85	1223.05
9A	25023-0172S	Replacement Module	1687.03	2027.14
9B	24800-0120	Air Bleed Assembly [2]	33.22	39.92
10	23910-0013S	Baffle Kit (with Screws) [2]	54.03	64.92
11	37207-0728	Baffle Screws [2]	CALL	CALL
12	23910-0100S	Elbow and Bulkhead Assembly [3]	188.65	226.68
13	35505-7438	O-Ring	15.62	18.77
14	23910-0101S	Deflector and Bulkhead Assembly	125.78	151.14
15	35505-1425Z	O-Ring	24.90	29.92
16	27001-0022Z	1-1/2 in. Plug with O-Ring	4.45	5.35
17	24900-0509Z	Adapter Fitting	43.18	51.89
18	35505-1424Z	O-Ring	14.92	17.93
19	24900-0503Z	Drain Plug	42.97	51.63
20	24752-0050Z	Bulkhead Retaining Nut	37.12	44.60
21	24850-0102S	Lower Tank Shell	1680.92	2019.79
22	24850-0010Z	Clamp Bolt	47.59	57.18
23	24850-0200Z	Clamp Assembly	196.50	236.11
NOT SHOWN				
	23910-1100S	System 3 Modular DE Conversion Kit (Includes Key #'s 12, 13, 14, 15, 16) - must also buy Item 9A separately	287.53	345.50

[1] Includes all decals and labels.

[2] Included with Key No. 9A Replacement Module.

[3] Includes O-Ring (Key No. 13).

CALIFORNIA PROPOSITION 65 WARNING

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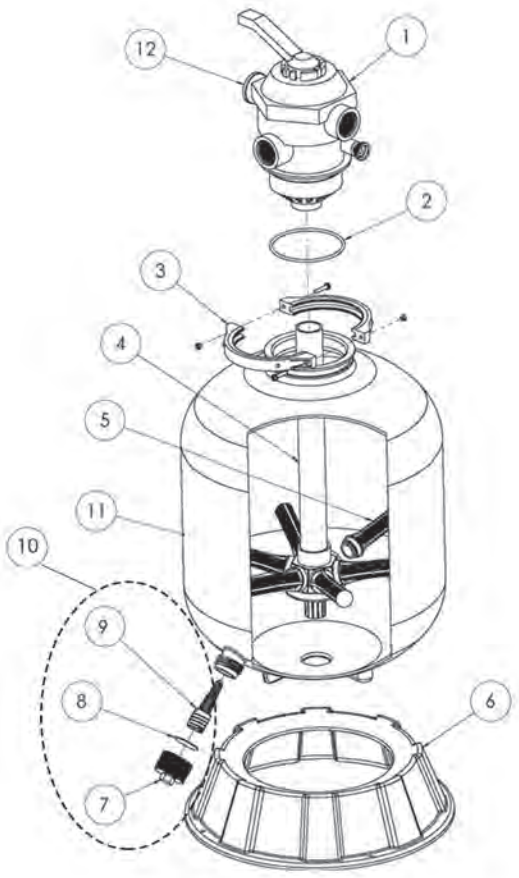
SAND DOLLAR® FILTERS

REPLACEMENT PARTS FOR BLOW MOLDED FILTERS



Item	Part No.	Description	US List	Can. List
		SAND DOLLAR SAND FILTERS		
1	262506	Valve 1-1/2 in. 6-way	CALL	CALL
1	263085	Valve 2 in.	CALL	CALL
1	262525	Valve 2 in. with unions	CALL	CALL
2	272541Z	O-ring valve body	8.65	10.39
3	152165	Assembly, plastic clamp 2 piece	39.18	47.08
4	152229	Pipe assembly SD35 [2]	194.52	233.74
4	152228	Pipe assembly SD40 [2]	179.59	215.80
4	152227	Pipe assembly SD60 [2]	208.78	250.87
4	152000	Pipe assembly, SD70	207.75	249.63
4	152226	Pipe assembly SD80	163.69	196.69
4	152238	Pipe assembly SD80 2 in.	175.01	210.29

CALIFORNIA PROPOSITION 65 WARNING

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SAND DOLLAR® FILTERS (CONT'D)

REPLACEMENT PARTS FOR BLOW MOLDED FILTERS

Item	Part No.	Description	US List	Can. List
		SAND DOLLAR SAND FILTERS		
5	152290Z	Lateral 6, 11/16 in. long, almond, SD40/SD60, 8 req.	12.00	14.42
5	150084Z	Lateral, SD35, SD40, black [2]	10.80	12.98
5	150085Z	Lateral XLong, SD60, SD70, SD80, black [2]	13.58	16.32
5	150088Z	Lateral, ClearPro 6 req	169.80	204.03
6	154926Z	Foot, SD35	156.70	188.29
6	154520Z	Foot, SD40, SD60, SD70, & SD80 [1]	161.52	194.08
7				
8	154715Z	Gasket	5.78	6.95
9				
10	150055	Complete Drain Assembly	81.14	97.50
11				
11	145341	Tank with drain SD40, almond	593.93	713.67
11				
11	145368	Tank with drain SD70, almond	956.54	1149.38
11				
12	190059Z	Gauge, pressure	68.74	82.60
		NOT SHOWN		
	272569	Kit Union for 2 in. Valve	CALL	CALL
	150119	Kit Union for 1-1/2 in. Valve	119.37	143.43

[1] Used on filters manufactured before 2/02.

[2] Filters manufactured after 10/04.

CALIFORNIA PROPOSITION 65 WARNING

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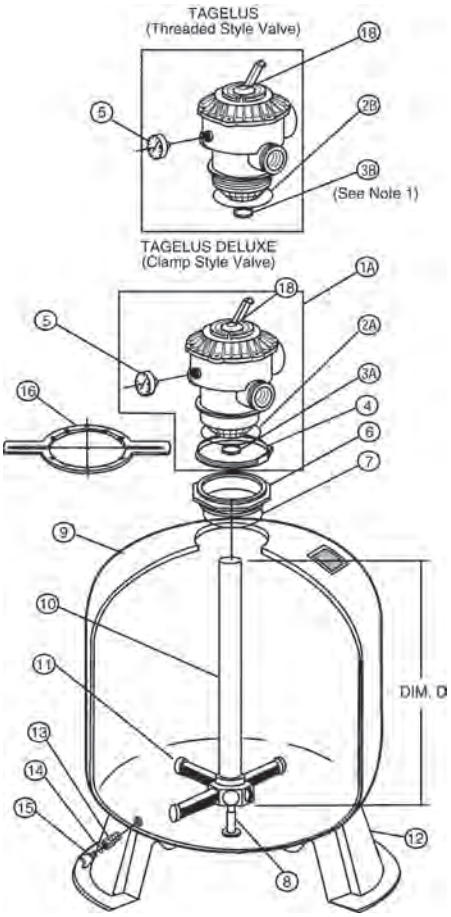
TAGELUS® FILTERS

REPLACEMENT PARTS FOR FIBERGLASS FILTERS

Item	Part No.	Description	US List	Can. List
TAGELUS FILTERS WITH THD. & CLAMP VALVES				
1A	262506	Valve, 1-1/2 in. 6-way clamp style [1, 4, 6, 8, 10]	CALL	CALL
1A	261185	Valve, 2 in. 6-way clamp style [11A, 11B]	CALL	CALL
1A	262525	Valve, 2 in. for TA60 with unions	CALL	CALL
1B				
2A	272541Z	O-ring valve body, 3/16 in. x 4-3/4 in. i.d. [2, 4, 6, 8, 10]	8.65	10.39
2A	275333	O-ring valve body, 3/16 in. x 6-1/2 in. i.d. [11A, 11B]	10.88	13.07
2B	154493Z	O-ring valve body, .157 in. x 5.75 in. i.d. [1, 3, 5, 7, 9]	8.51	10.23
3A	355330Z	O-ring standup, 1/8 in. x 2-3/8 in. i.d. [11A, 11B]	2.89	3.47
3B				
4	152165	Clamp, 6-1/2 in. dia. SS, plastic [2, 4, 6, 8, 10]	39.18	47.08
4	152130	Clamp, 8.35 in. dia. [11A, 11B]	166.16	199.66
4	152175	Plastic Clamp TA100	169.40	203.55
5	190059Z	Gauge back mount pressure	68.74	82.60
6	152520Z	Adapter, Quad Seal	172.36	207.11
6	155225	Adapter, 6 in. “V” thread [2, 6, 8, 10, 15, 19]	60.86	73.13
6	154521	Adapter, 8-1/2 in. btr. thread [11A, 11B]	108.20	130.01
7				
7	355619Z	O-ring valve adptr., 3/16 in. x 7-3/4 in. i.d. [11A, 11B]	17.33	20.82
7	152516Z	Quad Seal	8.49	10.20
8				
9				
10	155062	Piping assembly, (dim. D = 19-7/8 in.) [7, 8]	75.88	91.18
10	155063	Piping assembly, (dim. D = 22-5/8 in.) [9, 10]	77.22	92.79
10	155323	Piping assembly, w/ hub, (dim. D = 27-1/4 in.) [11A, 11B]	161.60	194.18
10	155299	Piping assembly, w/ hub, w/ 1/4 turn lateral [10, 20]	76.48	91.90
10	152237	Piping assembly, w/ hub, TA60 2 in.	169.45	203.61



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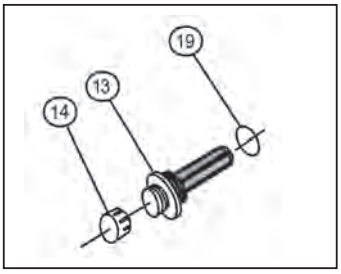

Detail A,, after 12/1/91
6 in. btr. Thread.

Detail B,, before 12/1/91
6 in. “V” Thread.

CALIFORNIA PROPOSITION 65 WARNING

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P/N 20017-A

TAGELUS® FILTERS (CONT'D)

REPLACEMENT PARTS FOR FIBERGLASS FILTERS

Item	Part No.	Description	US List	Can. List
		TAGELUS FILTERS WITH THREAD & CLAMP VALVES		
11	155007	Lateral, 5-11/32 in. long, 8 req. [1, 2, 3, 4]	CALL	CALL
11	152290Z	Lateral, 6-11/16 in. long, 8 req. [5, 9, 6, 10]	12.00	14.42
11	152202Z	Lateral, 9-1/8 in. long [11A, 11B]	18.18	21.85
11	150085Z	Lateral, 1/4 turn, 6 req. [7, 8, 10, 20]	13.58	16.32
11	150088Z	Lateral, ClearPro - 6 req	169.80	204.03
12	154926Z	Foot tank [3, 5, 7, 9, 4, 6, 8, 10]	156.70	188.29
12	154596Z	Foot tank [11A, 14]	237.98	285.96
13	154698Z	Spigot, 3/4 in. NPT sand drain [2, 4, 6, 8, 10]	41.75	50.17
13	152220Z	Spigot, 2 in. NPT sand drain [11A] (Left-hand thread)	70.68	84.93
14	192115Z	O-ring drain plug, 1/16 in. x 1/2 in. i.d.	4.04	4.85
14	154871Z	2 in. drain cap (1-1/2 in. threads)[11A, 11B]	13.52	16.25
15	357161Z	Plug, 1/4 in. NPT drain	8.07	9.70
16	154512Z	Wrench, 6-1/2 in. across flats [2, 6, 8, 10]	41.31	49.64
16	151608	Wrench, 9 in. across flats [14]	CALL	CALL
18	272599Z	Label top mount valve	9.16	11.01
19	274494Z	Sand drain O-ring TA100	3.16	3.80
20				
		NOT SHOWN		
	155051Z	Sand guide only [11A, 11B]	11.42	13.72
	150119	Union Kit 1-1/2 in. Valve	119.37	143.43
	272569	Union Kit 2 in. Valve for TA 60D 2" only	CALL	CALL

[1] TA 30

[2] TA 30D

[3] TA 35

[4] TA 35D

[5] TA 40

[6] TA 40D

[7] TA 50

[8] TA 50D

[9] TA 60

[10] TA 60D

[11A] TA 100

[11B] TA 100D

[12] Item 3A O-ring, standpipe is used on model TA100D Filters only. Item 3B O-ring, standpipe is used on Tagelus Filter models TA30, 40, 50, 60, manufactured before April, 1993. Item 3B is not used on Tagelus Clamp Filter models TA30D, 35D, 40D, 50D, 60D or on any Tagelus models manufactured after April, 1993.

[13] Tagelus Clamp Filter models tank & ft. assembly have valve adptr., Item 6 factory installed.

[14] Replacement of tank ft. requires the use of mounting tape. See part number listed.

[15] Lubricate O-ring liberally w/ silicone lubricant and tighten to following spec: TA30D, 35D, 40D, 50D, 60D. Handtight plus 1/4 turn min. TA100 D Handtight plus 3/4 turn min.

[16] Tagelus Filter models TA30, 35, 40, 50, 60 manufactured after Nov. 1, 1991 were manufactured w/a btr. thread top opening and utilize a btr. style valve which is black in color. A change was made to the port arrangement in April, 1993 which will require that minor changes be made to the valve plumbing connections when replacing valves on filters manufactured between Nov. 1991 and Mar. 1993. DO NOT ATTEMPT TO INTERCHANGE THREAD TYPES.

[17] Tagelus Filter models TA30, 40, 50, 60 manufactured before Nov. 1, 1991 were manufactured w/a "V" thread style valve that is white or brown in color. These valves may be replaced only w/ "V" thread style valve P/N 261124, see Detail B. DO NOT ATTEMPT TO INTERCHANGE THREAD TYPES.

[18] Tagelus Clamp Filter models TA30D, 35D, 40D, 50D, 60D manufactured after Nov. 1, 1991 were manufactured w/a btr. thread top opening and utilize a btr. thread valve adptr. P/N 154555, see Detail A. DO NOT ATTEMPT TO INTERCHANGE THREAD TYPES.

[19] Tagelus Clamp Filter models TA30D, 40D, 50D, 60D manufactured before Nov. 1, 1991 were manufactured w/a "V" thread top opening and utilize a "V" thread valve adptr. P/N 155225, see Detail B. DO NOT ATTEMPT TO INTERCHANGE THREAD TYPES.

[20] TA60D Filters manufactured after June 1, 2007 have new 1/4 turn laterals.

CALIFORNIA PROPOSITION 65 WARNING

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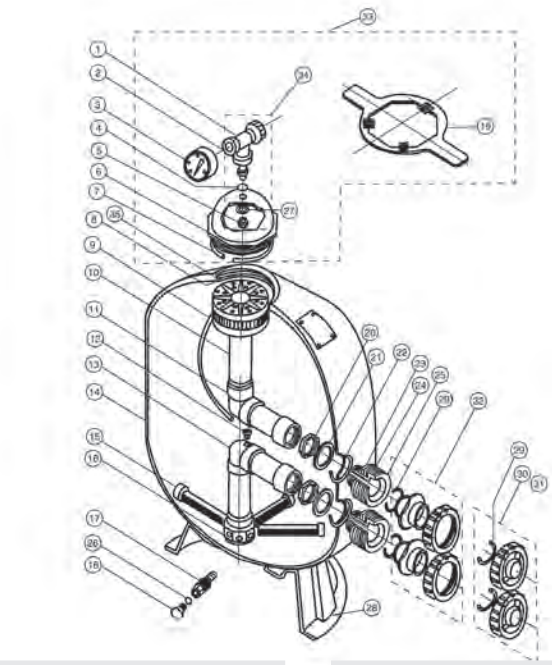
TRITON® II FILTERS

REPLACEMENT PARTS FOR FIBERGLASS FILTERS



Item	Part No.	Description	US List	Can. List
		TRITON II SAND FILTERS		
1	154689Z	Air bleeder/tee assembly [13]	45.64	54.84
2	154700Z	Adapter, brass air bleeder [13]	18.93	22.75
3	190059Z	Gauge, back mount pressure [13]	68.74	82.60
4	154661Z	O-ring, air bleeder adapter [13]	3.04	3.65
5	154664	Nut, 3/8 in., 16 SS [13]	2.93	3.52
6	152519Z		172.36	207.11
6	154559	Closure 6 in. "V" thread, black, see Detail B [13]	88.20	105.98
7	154493Z	O-ring closure, 6 in., white [13]	8.51	10.23
7	152516Z	Quad Seal	8.49	10.20
8	154578Z	Strainer air relief, 1/4 in. [3]	15.88	19.08
8	150035Z	Strainer air relief, 3/8 in. [4]	15.19	18.25
9				
9				
9				
9	150040	Tube air relief TR50/60 [4]	30.99	37.24
9	154437	Tube air relief TR100 [3]	28.68	34.46
9	150041	Tube air relief TR100 [4]	24.40	29.32
9	154438	Tube air relief TR140 [3]	37.11	44.59
9	150042	Tube air relief TR140 [4]	22.71	27.29
10				
10	154599Z	Diffuser assembly TR60	82.36	98.96
10	154462	Diffuser assembly TR100	82.36	98.96
10	154906	Diffuser assembly TR140	84.80	101.90
11				

Item	Part No.	Description	US List	Can. List
11				
11	154533	Piping assembly upper TR60	71.45	85.85
11	154426	Piping assembly upper TR100	123.90	148.88
11	154500	Piping assembly upper TR140	78.15	93.91
12				
12	150036Z	Connector air relief tube [4]	2.46	2.96
13				
13				
13	154805	Piping assembly lower TR60	86.16	103.53
13	155284	Piping assembly lower TR60 [14]	144.45	173.57
13	154807	Piping assembly lower TR/PF100	88.62	106.49
13	154489	Piping assembly lower TR140	91.35	109.77
14				
14				
14				
14				

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P/N 200174.A

TRITON® II FILTERS (CONT'D)
REPLACEMENT PARTS FOR FIBERGLASS

Item	Part No.	Description	US List	Can. List
		TRITON II SAND FILTERS		
14				
15	152290Z	Lateral, 6-11/16 in. L TR40/50/60, 8 req.	12.00	14.42
15	150085Z	Lateral TR60 Gray. 1/4 turn [14]	13.58	16.32
15	152202Z	Lateral, 9-1/8 in. L TR100, 8 req.[6]	18.18	21.85
15	154540Z	Lateral, 12 in. L TR140, 8 req.	32.94	39.58
15	150088Z	Lateral, ClearPro	169.80	204.03
16	154763	Hub lateral TR40/50/60	50.37	60.52
16	155753	Hub lateral, ClearPro- 6 req [14]	68.99	82.90
16	154453Z	Hub lateral TR100/140	168.66	202.66
17	154698Z	Spigot, 3/4 in. NPT sand drain [8]	41.75	50.17
18	357161Z	Plug, 1/4 in. NPT drain [8]	8.07	9.70
18	U178-920PZ	Drain Plug Assy	8.07	9.70
19	154512Z	Wrench, 6 in. closure [13]	41.31	49.64
19	154510	Wrench closure aluminum, 6 in. [13]	309.50	371.90
20				
21				
22				
23				
24				
25				
26	192115Z	O-ring drain plug [8]	4.04	4.85
27				
28	154926Z	Foot, 16 in. dia., TR40/50 [2, 11]	156.70	188.29
28	154520Z	Foot, 19 in. dia., TR60 [2, 11]	161.52	194.08
28	154596Z	Foot, 24 in. dia., TR100/140 [2, 11]	237.98	285.96
29	274494Z	O-ring valve adptr., 2 req.	3.16	3.80
30	271092	2 in. Thread adapter. kit [9]	97.68	117.37
31	271094	1-1/2 in. Thread adapter. kit [9]	97.68	117.37
32	271096	2 in. Slip adapter. kit [9]	97.68	117.37
32	274426Z	Adapter Kit, 1-1/2 in. x 2 in.	77.99	93.71
33	155738	Kit closure, 8-1/2 in HD	388.54	466.87
33	154641Z	Kit closure, 6 in. btr. thread, black, Detail A [13]	312.67	375.70
33	154697	Kit closure, 6 in. "V" thread, tan, Detail B [13]	303.62	364.83
33	154856	Kit closure, 8-1/2 in. btr. thread, black [10, 13]	423.05	508.34
34	154687	Fitting package complete [12, 13]	77.38	92.98
35				
35				
35				
35				
		NOT SHOWN		
	154714	Bulkhead Asy 2 IN TR (includes items 20, 21, 22, 23, 24, & 25)	CALL	CALL
	151602	Bulkhead wrench, 2 in.	456.20	548.17
	154714	Bulkhead kit include items 20-25	CALL	CALL
	151092	Aluminum wrench, 8-1/2 in.	748.49	899.39
	152220Z	Sand drain, 2 in. (used on TR100 and TR140) (Left-hand thread)	70.68	84.93
	154871Z	Cap thd., 1-1/2 in.	13.52	16.25
	274494Z	Sand drain O-ring TA100 (used on TR100 and (TR140)	3.16	3.80

Filters manufactured after Dec 1, 1991 utilize a 6 in. btr. thread in the filter tank top opening and on the closure, see Detail A.

Filters manufactured before Dec 1, 1991 utilize a 6 in. "V" type thread, see Detail B.

6 in. closures in Detail A and B are NOT interchangeable.

Detail A after 12/1/91
6 in. btr. Thread.

Detail B before 12/1/91
6 in. "V" Thread.

[1] Used on filters manufactured before 2-89.

[2] Used on filters manufactured after 2-89.

[3] All filters manufactured before 11-1-99.

[4] Used on filters manufactured after 11-1-99.

[5] Used on filters manufactured before 5-85.

[6] Used on filters manufactured after 5-85.

[7] Used on filters manufactured before 3-83.

[8] Used on filters manufactured after 3-83.

[9] For installations w/out valve, pair.

[10] Used on all TR100 & 140 filters manufactured after 10-1-01.

[11] Replacement of tank foot requires the use of foot mounting tape. See P/N's.

[12] Fitting package includes items 1,2,4,5 and 27.

[13] For individual parts for closure kit for TR100 and TR140 see replacement parts pages.

[14] For TR60's built after 6-07.

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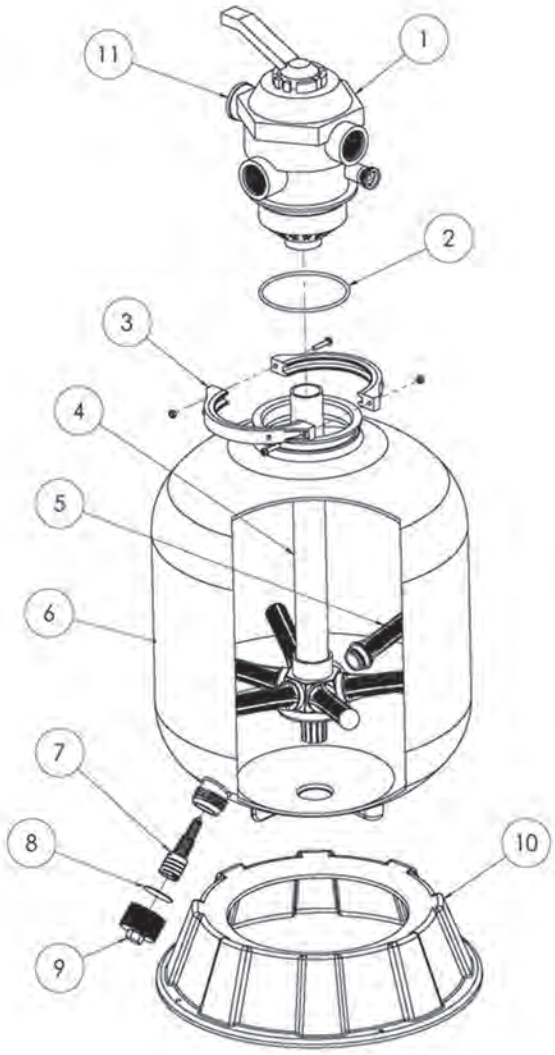
CRISTAL-FLO™ II HIGH-RATE SAND FILTERS

REPLACEMENT PARTS

STA-RITE

Item	Part No.	Description	US List	Can. List
		CRISTAL-FLO II HIGH-RATE SAND FILTERS		
1	262506	Valve, 1-1/2 in. 6-Way	CALL	CALL
1	262525	Valve, 2 in. with unions	CALL	CALL
2	272541Z	O-Ring Valve Body	8.65	10.39
3	152165	Clamp Assembly	39.18	47.08
4	152229	Piping Assembly – 16 in. Tank	194.52	233.74
4	152228	Piping Assembly – 19 in. Tank	179.59	215.80
4	152227	Piping Assembly – 22 in. Tank	208.78	250.87
4	152000	Piping Assembly – 24 in. Tank	207.75	249.63
4	152226	Piping Assembly – 26 in. Tank	163.69	196.69
4	152238	Piping Assembly – CFII 26 - 2 in.	175.01	210.29
5	150084Z	Lateral – 16 in. & 19 in. Tanks (6 req.)	10.80	12.98
5	150085Z	Lateral – 22 in., 24 in., & 26 in. Tanks (6 req.)	13.58	16.32
6				
6				
6				
6				
6				
7				
8				
9				
10	154926Z	Foot, 16 in. Tank	156.70	188.29
10	154520Z	Foot, 19 in., 22 in., 24 in., & 26 in. Tanks	161.52	194.08
11	190059Z	Pressure Gauge	68.74	82.60
12	150055	Kit Drain Assy (Incl. #7, 8, 9)	81.14	97.50
		NOT SHOWN		
	150119	Union Kit for 1-1/2 in. Valve	119.37	143.43
	272569	Union Kit for 2 in. Valve	CALL	CALL



CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov. P/N 200174.A

SYSTEM 3® SAND FILTERS

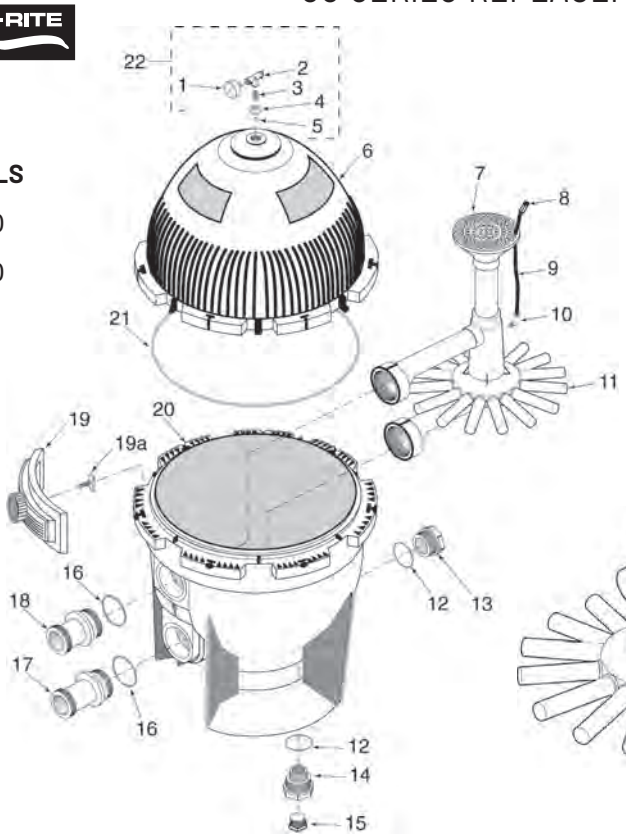
SS SERIES REPLACEMENT PARTS

STA-RITE

MODELS

S7S50

S8S70



Lateral repair procedure.

⚠ WARNING To avoid serious personal injury or property damage, follow cement manufacturer's instructions exactly.

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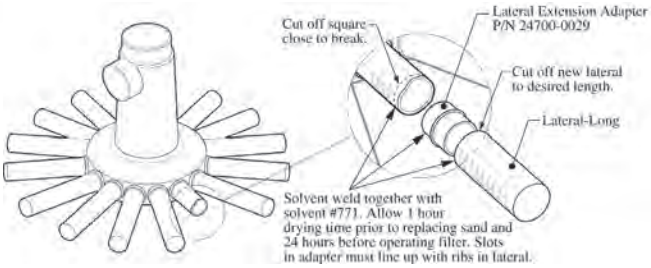


Item	Part No.	Description	US List	Can. List
		SYSTEM 3 SAND FILTERS		
1	33600-0023TZ	2 in. Gauge	72.10	86.64
2	154689Z	Valve Assembly	45.64	54.84
3	35202-0959Z	Nipple	21.10	25.35
4	24900-0504Z	Adapter Bushing	28.09	33.75
5	35505-1423Z	O-Ring	3.22	3.87
6	24851-9000	Tank - Upper Half Kit [2] - Model S7S50	1505.28	1808.74
6	24851-9001	Tank - Upper Half Kit [2] - Model S8570	1851.53	2224.80
7	24900-0100S	Collector - Assembly (Includes Laterals) - Model S7S50	969.42	1164.86
7				
8	WC8-126Z	Air Bleed Filter (Blue)	23.10	27.76
9				
10				
11	24900-0002	Lateral - Model S7S50 (16 req.)	18.59	22.34
11	24901-0003	Lateral - Model S8S70 (16 req.)	21.11	25.37
12	35505-1424Z	O-Ring	14.92	17.93
13	24900-0503Z	Plug (Sand Removal)	42.97	51.63
14	24900-0505Z	Drain Fitting	39.40	47.34
15	27001-0022Z	1-1/2 in. NPT Plug	4.45	5.35
16	35505-1425Z	O-Ring	24.90	29.92
17	24900-0500Z	Tank Fitting	74.87	89.96
		SYSTEM 3 SAND FILTERS		

Item	Part No.	Description	US List	Can. List
18	24900-0501Z	Tank Fitting	66.72	80.17
19	24850-0200Z	Clamp Assembly [3]	196.50	236.11
19A	24850-0010Z	Clamp Bolt [3]	47.59	57.18
20				
20				
21	24850-0008Z	Cord Ring - Model S7S50	96.60	116.07
21	24850-0009	Cord Ring - Model S8S70	110.24	132.46
22	24850-0105	Valve & Gauge Assembly (Includes #1, 2, 3, 4, 5)	150.44	180.77
		NOT SHOWN		
	24850-0016Z	Clamp Retaining Ring [3]	10.84	13.03
	25021-2021	System 3 Sand Conversion Kit #12,13,14,15,16,17,18) - Model S7S50 - Must also buy item # 7 separately	274.01	329.25

[1] Available for lateral repairs.

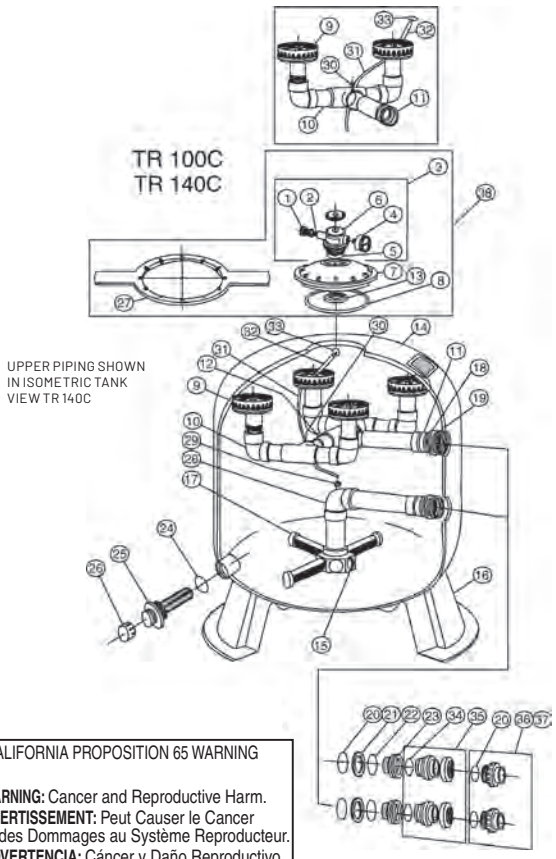
[2] Includes all decals and labels.

[3] Model S7S50 uses seven clamps and bolts; Model S8S70 uses eight.

[4] As required.

TR100C™ & TR140C™ FILTERS

REPLACEMENT PARTS FOR COMMERCIAL FIBERGLASS FILTERS



CALIFORNIA PROPOSITION 65 WARNING

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www.p65warnings.ca.gov. P/N 200174-A

Item	Part No.	Description	US List	Can. List
TR100C & TR140C SAND FILTERS				
1	273512Z	Air bleeder w/ O-ring	18.30	21.99
2				
3	273564Z	Manual air relief body assembly	153.33	184.24
4	190059Z	Pressure gauge	68.74	82.60
5	274495Z	O-ring, 3/16 in. x 2-5/8 in. i.d.	2.25	2.70
6	273564Z	Valve body machined ARF	153.33	184.24
7	154575Z	Closure, 8-1/2 in. btr.	106.79	128.32
8	152509Z	Square ring 8-1/2 in.	11.74	14.11
9	154599	Diffuser Assembly	82.36	98.96
10	156355	Piping assembly upper TR100C, TR140C [1]	164.01	197.07
11	156344	Piping assembly upper inlet TR100C, TR140C	115.46	138.74
12	156354	Piping connecting assembly upper TR140C	130.24	156.50
13	154412Z	Nut, 2 in. internal	15.75	18.93

Item	Part No.	Description	US List	Can. List
TR100C & TR140C SAND FILTERS				
14				
14				
15	154453Z	Hub lateral TR100C/TR140C	168.66	202.66
16	154596Z	Foot, 24 in. dia. TR100C/ TR140C	237.98	285.96
17	152202Z	Lateral, 9-1/8 in. TR100C, 8 req.	18.18	21.85
17	154540Z	Lateral, 12 in. TR140C, 8 req.	32.94	39.58
18	154412Z	Locknut, 2 in. internal	15.75	18.93
19	154416Z	Spacer, 2 in. internal	22.90	27.52
20	154492Z	O-ring, 2 in. bulkhead	4.21	5.06
21				
22	154538Z	Gasket, 2 in. bulkhead	5.05	6.07
23				
24	274494Z	O-ring, 3/16 in. x 2-5/8 in. L.H. Thread	3.16	3.80
25	152220Z	2 in. sand drain (Left-hand thread)	70.68	84.93
26	154871Z	Cap thd., 1-1/2 in.	13.52	16.25
27	154527Z	Wrench, 8-1/2 in. closure	47.05	56.54
28	154807	Piping assembly lower TR100C	88.62	106.49
28	154489	Piping assembly lower TR140C	91.35	109.77
29	150036Z	Connector air relief tube [3]	2.46	2.96
30	273071Z	Screw, No.14 18-8 TR100C [1]	2.75	3.30
31	154437	Tube air relief TR100C [2]	28.68	34.46
31	150041	Tube air relief TR100C [3]	24.40	29.32
31	154438	Tube air relief TR140C [2]	37.11	44.59
31	150042	Tube air relief TR140C [3]	22.71	27.29
32				
32				
33	154578Z	Strainer air relief [2]	15.88	19.08
33	150035Z	Strainer air relief [3]	15.19	18.25
34	274494Z	O-ring valve adapter	3.16	3.80
35	271096	2 in. slip adaptor kit for inst. w/o valve (pair)	97.68	117.37
35	274426Z	Adapter Kit, 2-1/2 in. x 2 in.	77.99	93.71
36	271092	2 in, thd. adaptor kit for inst. w/o valve (pair)	97.68	117.37
37	271094	1-1/2 in, thd. adaptor kit for inst. w/o valve (pair)	97.68	117.37
38	154856	Kit closure 8-1/2 in. btr. thd. blk.	423.05	508.34

[1] Different quantities required for TR100C and TR140C Filters.

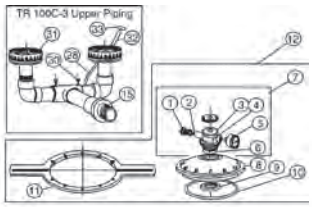
[2] Use on filters manufactured before 11-1-99.

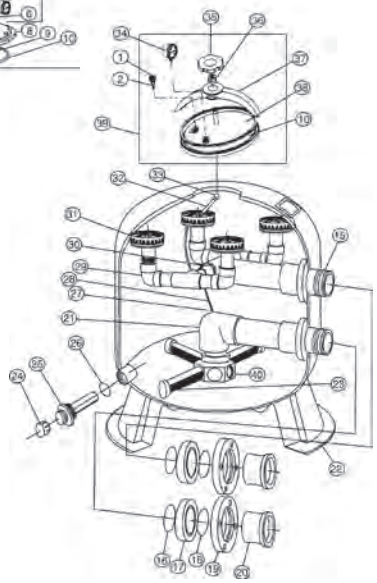
[3] Use on filters manufactured after 11-1-99.

TRITON® C-3 FILTERS

REPLACEMENT PARTS FOR FIBERGLASS FILTERS

Item	Part No.	Description	US List	Can. List
		TRITON C & C-3 SAND FILTERS		
1	273512Z	Air bleeder with O-ring [2,3]	18.30	21.99
2				
3	273564Z	Valve body machined [2]	153.33	184.24
4				
5	190059Z	Pressure gauge [2]	68.74	82.60
6	152517	O-ring adapter, 6 in. [2]	6.88	8.27
7	273564Z	Manual air relief assembly [2]	153.33	184.24
8	154575Z	Closure 8-1/2 in. [2]	106.79	128.32
9	154412Z	Locknut, 2 in. internal	15.75	18.93
10	152509Z	Square ring-closure [2,3]	11.74	14.11
11	154527Z	Wrench, 8-1/2 in. closure [2]	47.05	56.54
12	154856	Kit, 8-1/2 in. closure butt thread [6]	423.05	508.34
12	156842	Closure kit C3 with bulkhead gaskets [6]	425.98	511.86
15	154007	Upper piping assembly TR 100C-3	236.91	284.67
15	154008	Upper piping assembly TR 140C-3	241.05	289.65
16	154005	O-ring parker 2-343, 2 req.	11.08	13.31
17	154002	Spacer, 3 in., 2 req.	98.75	118.66
18	154004Z	O-ring parker 2-342, 2 req.	11.08	13.31
19	154003	Flange, 3 in., 2 req.	124.16	149.19
20	154001Z	Adapter flange, 3 in., 2 req.	102.11	122.70
21	154009	Lower piping assembly TR 100C-3 (Hub not included - see item 40)	241.95	290.73
21	154010	Lower piping assembly TR 140C-3 (Hub not included - see item 40)	238.66	286.77
22	154596Z	Foot, 24 dia. TR 100C-3/140C-3	237.98	285.96
23	152202Z	Lateral, 9 in. TR 100C-3, 8 req.	18.18	21.85
23	154540Z	Lateral, 12 in. TR 140C-3, 8 req.	32.94	39.58
24	154871Z	Cap thd., 1-1/2 in.	13.52	16.25
25	152220Z	Sand drain, 2 in. (Left-hand thread)	70.68	84.93
26	274494Z	O-ring, 3/16 in. x 2-5/8 in. i.d., 2 req.	3.16	3.80
27				
28	154437	Tube air relief TR100C-3 (23 in.) [4]	28.68	34.46
28				
28	154438	Tube air relief TR140C-3 (27 in.) [4]	37.11	44.59
28				
29				
30	273071Z	Screw, No.10-1-1/2 in. flathead phillips, 2 req.	2.75	3.30
31	154599	Diffuser (2 req'd. for TR 100C-3), 2 req.	82.36	98.96
31	154599	Diffuser (4 req'd. for TR 140C-3), 4 req.	82.36	98.96
32				
32				
33	154578Z	Strainer air relief [4]	15.88	19.08
33	150035Z	Strainer air relief [5]	15.19	18.25
34	190058Z	Pressure gauge, 1/4 in. psi [3]	13.93	16.74
35				
36				
37				
38	154576Z	Closure oval [3]	162.36	195.09
39				
40	154016Z	Hub	CALL	CALL
		NOT SHOWN		
	154714Z	Bulkhead ASY 2 IN TR (includes items 20, 21, 22, 23, 24, & 25)	CALL	CALL
	151600	Oval Bulkhead Wrench	849.03	1020.19
	151604	Oval Bulkhead Wrench	1123.73	1350.27
	151092	Aluminum Wrench	748.49	899.39





[1] P/N 156841 includes items 1, 10, 34 thru 38.
[2] Used on filters manufactured before 3-97.
[3] Used on filters manufactured after 3-97.
[4] Used on filters manufactured before 11-99.
[5] Used on filters manufactured after 11-99.
[6] Used on filters manufactured after 4-15.

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www.p65warnings.ca.gov. P/N 200174.A

SCH 40 & 80 FOR TR100C, TR140C & TR100C-3, TR140C-3

TANDEM FILTER PIPING KITS FOR 2 IN. AND 3 IN. FILTERS

Item	Description	Schedule	Qty.
	THE FOLLOWING ARE INCLUDED IN KITS FOR TR C FILTERS		
1	Flange VS, socket, 150 lb.	80	2
2	Flange VS, spigot, 150 lb.	80	6
3	Butterfly valve, Asahi SP		4
4	Hardware kit, valve/flange hardware (No. 1), Includes: 16-5/8 x 6 in. hex head bolts, 16-5/8 in. nuts, 32-5/8 in. washers		1
5	Socket reducer tee	40	4
6	2 in. Spigot x socket 45° str. elbow	40	4
7	2 in. Spigot female adapter, spigot x fipt	40	4
8	2 in. Valve adapter kit		2
9	Socket tee	40	1
10	90° Socket elbow	40	1
11	Socket reducer saddle	40	6
12	2 in. Flange one-piece socket, 150 lb.	80	2
	SINGLE TANK 2 IN. ADDER KIT		
1	Socket reducer tee, 4 x 2	40	2
2	2 in. Spigot x socket 45° str. elbow	40	2
3	2 in. Spigot female adapter, spigot x fipt	40	2
4	2 in. Valve adapter kit		1
5	Socket reducer saddle, 4 x 2	40	3
6	2 in. Flange one-piece socket, 150 lb.	80	1
	THE FOLLOWING ARE INCLUDED IN KITS FOR TR C-3 IN. FILTERS		
1	Flange VS, socket, 150 lb.	80	2
2	Flange VS, spigot, 150 lb.	80	6
3	Butterfly valve, Asahi SP		4
4	Hardware kit, valve/flange hardware (No.1), Includes: 16-5/8 x 6 in. hex head bolts, 16-5/8 in. nuts, 32-5/8 in. washers		1
5	Socket tee	40	5
6	3 in. Spigot x socket 45° str. elbow	40	4
7	Socket reducer saddle	40	3
8	2 in. Flange one-piece socket, 150 lb. solid	80	1
9	3 in. Flange VS, spigot, 150 lb.	80	4
10	3 in. Bolt pack, tank/flange hardware w/ gasket (No.4), Includes: 16-5/8 x 3-1/4 in. hex head bolts, 16-5/8 in. nuts, 32-5/8 in. washers		1
11	90° Socket elbow	40	1
	SINGLE TANK 3 IN. ADDER KIT		
1	Socket reducer tee	40	2
2	3 in. Spigot x socket 45° str. elbow	40	2
3	Socket reducer saddle	40	3
4	2 in. Flange one-piece socket, 150 lb. solid	80	1
5	3 in. Flange VS, spigot, 150 lb.	80	2
6	3 in. Bolt pack, tank/flange hardware w/ gasket (No.5), Includes: 8-5/8 x 3-1/4 in. hex head bolts, 8-5/8 in. nuts, 16-5/8 in. washers		1

Please contact the Factory for Drawings and Sizing details on Plumbing kits for the Triton C & C-3 in. Filters.

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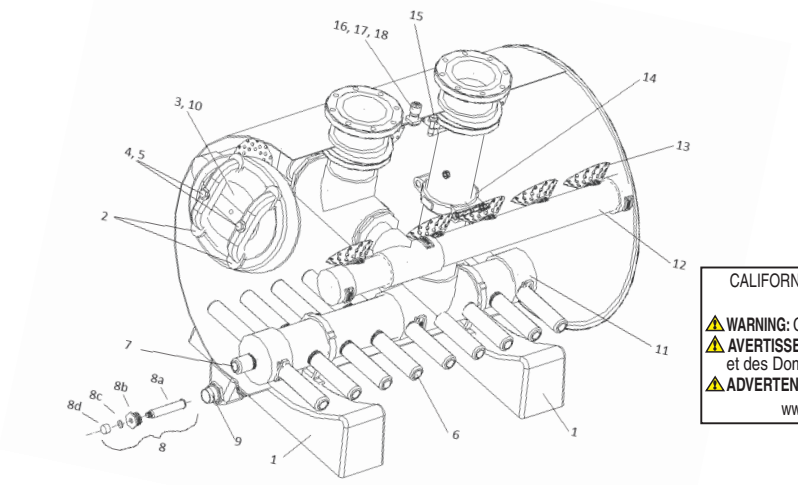
www.p65warnings.ca.gov. P/N 20017-A

THS SERIES® HORIZONTAL SAND FILTER

REPLACEMENT PARTS



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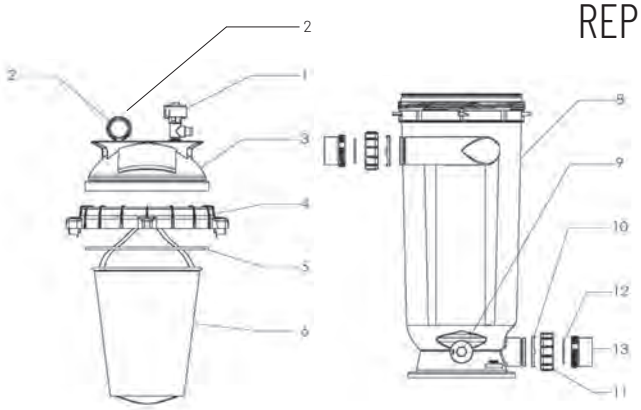
www.p65warnings.ca.gov.

P/N 2007UA

Item	Part No.	Description	Tank Used On	Qty.
		THS SERIES® HORIZONTAL SAND FILTERS		
1	B4848BL-32	Tank Saddle, Black	All	2
2	B4856	Yoke, Manway	All	2
3	B4852A-N	Glass Filled Manway Cover, Black	All	1
4				
5				
6	B4804	10 in. Effluent Lateral	THS3461	14
			THS3484	20
			THS4272	18
			THS4284	24
			THS4296	28
7	B4803	3-1/2 in. Effluent Lateral	THS3461 - THS3484	2
			THS4272 - THS4296	3
8	B4980	Media Dump Assembly	All	1
8a				
8b				
8c	B4698	O-Ring	All	1
8d				
9	B4981X	1-1/2 in. NPT Tank Adapter	All	1
10	B4951	Manway O-ring	All	1
11	**	Effluent Manifold without Laterals	**	1
12	**	Influent Manifold without Laterals	**	1
13	B4806	Shower Head Diffuser	THS3461	8
			THS3484	10
			THS4272	10
			THS4284	12
			THS4296	14
14	B4570	4 in. Grooved Coupling Assembly	THS3461 - THS3484	1
14	B4572	6 in. Grooved Coupling Assembly	THS4272 - THS4296	1
15				
16	B4974BAN	1/2 in. Manual Air Relief Cap	All	1
17	B4970BAN	1/2 in. Threaded Nipple	All	1
18	B4979BAN	1/2 in. Bulkhead Fitting	All	1

SEPARATION TANK

REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
		SEPARATION TANK - SEP 48/72/96/144		
1	98209800	High Flow manual air relief valve	54.90	65.97
2	190058Z	Pressure Gauge	13.93	16.74
3	310010Z	Tank Lid	252.91	303.90
4	59052900Z	Locking Ring Assembly	157.66	189.44
5	87300400Z	Body O-Ring	15.51	18.64
6	170099	Separation Bag Retaining Ring	237.23	285.06
8	178731Z	Tank Bottom	555.33	667.28
9	154712Z	Drain Cap Assembly	47.76	57.39
10	178732Z	Union Nut “C” Clip	12.32	14.80
11	U11-200PSZ	Union Nut	17.38	20.88
12	178746Z	Union Diamond Seal	6.66	8.00
13	178733Z	Union, Threaded Half	70.54	84.76
	170099	Separation Bag (Not Shown)	237.23	285.06

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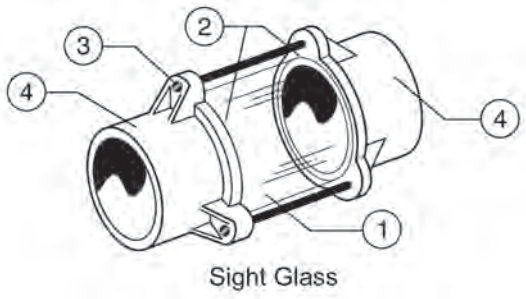
SIGHT GLASS

REPLACEMENT PARTS FOR AMERICAN PRODUCTS MODELS



Sight Glass

Item	Part No.	Description	US List	Can. List
		SIGHT GLASS		
2	51006100	Gasket, 2 req.	5.15	6.19
3				
4				

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NOTES:

PENTAIR POOL

HEATERS & HEAT PUMPS PARTS

Product Catalog 2025–2026

Updated June 2025

NOTES:

HEATER MASTER KITS
REPLACEMENT PARTS

	Part No.	Description	Qty.	US List	Can. List
		HEATER MASTER KIT - ALL			
	461100	**HEATER MASTER KIT - ALL**		1824.41	2192.21
Included in Kit	32850-099Z	"Fireman's Swtich Fuse (1.25 amps)"	3		
	U9-226Z	ORNG #2-226 70 DURO BUNA	2		
	472610Z	Membrane Pad (NA, LP Series)	1		
	476223	Ignition Control Module	1		
	42001-0053S	Thermistor	2		
	42001-0060S	Water Pressure Switch	1		
	42001-0061S	Air Flow Switch	1		
	42001-0063S	High Limit Switch	2		
	42001-0107Z	Transformer, 115/230V	1		
	461105	Control Board Kit (NA, LP Series)	1		
	42002-0024S	Stack Flue Sensor	1		
	42002-0025S	Automatic Gas Shutoff Switch (AGS)	2		
	77707-0001	Manifold Bypass Valve Kit	1		
	77707-0010	"Thermal Regulator Kit (Incl. Spring, O-ring, Cap and Spring Clip)"	1		
	77707-0054	Igniter/Igniter Gasket Kit	1		

	Part No.	Description	Qty.	US List	Can. List
		HEATER MASTER KIT - ELECTRICAL			
	461101	**HEATER MASTER KIT - ELECTRICAL**		793.22	953.13
Included in Kit	32850-0099Z	"Fireman's Swtich Fuse (1.25 amps)"	3		
	42001-0053S	Thermistor	2		
	42001-0060S	Water Pressure Switch	1		
	42001-0061S	Air Flow Switch	1		
	42001-0063S	High Limit Switch	2		
	42002-0024S	Stack Flue Sensor	1		
	42002-0025S	Automatic Gas Shutoff Switch (AGS)	2		
	77707-0054	Igniter/Igniter Gasket Kit	1		

	Part No.	Description	Qty.	US List	Can. List
		HEATER MASTER KIT - WATER			
	461102	**HEATER MASTER KIT - WATER**		634.56	762.49
Included in Kit	42001-0053S	Thermistor	2		
	42001-0060S	Water Pressure Switch	1		
	42001-0063S	High Limit Switch	2		
	42002-0025S	Automatic Gas Shutoff Switch (AGS)	2		
	77707-0001	Manifold Bypass Valve Kit	1		
	77707-0010	"Thermal Regulator Kit (Incl. Spring, O-ring, Cap and Spring Clip)"	1		

Compatible with Pentair MasterTemp® High-Performance Heaters, Sta-Rite Max-E-Therm® High-Performance Heaters, Models 175/200/250/300/333/400.

Not compatible with 125,000 BTU heater.

Save money by purchasing commonly used replacement parts in one handy, reusable hard case. Conveniently refill by ordering individual parts.

CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
⚠ **AVERTISSEMENT:** Peut Causer le Cancer et des Dommages au Système Reproducteur.
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov. P/N 20017-A

ETi® 400 HEATER
REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
		SYSTEM		
1	475978	Fan Control Board	229.31	275.54
2	475984	Membrane Pad	119.19	143.22
3	475985	AGS 150 degree F	91.71	110.20
4	475987	Air Pressure Switch	132.98	159.79
5	475996	Wire Harness	539.62	648.41
6	475998	Thermal Fuse (white)	114.59	137.69
7	475601Z	Stack Flue Sensor (blue)	CALL	CALL
8	476081Z	Gas Engine Spark Electrodes	208.90	251.01
9	475982	Spark Electrodes Cables	197.21	236.97
10	475980Z	Condensate Assembly/ Float Switch	367.89	442.06
11	475615Z	HX and Chimney Gaskets	528.15	634.63
12	475606	Heat Exchanger Screws	114.91	138.08
13	475979	Assembly, Plug 120/240V	91.71	110.20
14	475603	Tridicator	137.58	165.32
15	475604	Gas and Air orifices (natural gas)	73.35	88.14
16	475973	Heater Gasket Kit	412.77	495.98
17	475971	Air Intake Kit	362.34	435.39
18	475608	Gas Side Panel	562.80	676.26
19	475609	Water Manifold Panel	562.80	676.26
20	475610	Control Board Panel	812.51	976.31
21	475611	Latch Assembly	112.68	135.40
22	475612	Condensate Neutralizer Kit	400.25	480.94
23	475613	Inlet Plumbing Assembly	764.44	918.55
24	475614	Outlet Plumbing Assembly	584.57	702.42
25	475617	Exhaust Assembly	426.44	512.41
26	42001-0056S	Terminal Board	87.04	104.59
27	32850-0099Z	Fireman's Swtich Fuse (1.25 amps)	CALL	CALL
28	42001-0053S	Thermistor, Water Sensor	128.84	154.81
29	42001-0060S	Water Pressure Switch	133.13	159.97
30	42001-0107Z	Dual Voltage Transformer	92.76	111.46
31	475618	Pressure Relief Valve	224.81	270.13
32	475619	Control Cover	44.94	54.00
33	475620	Vent Cap Exhaust	71.39	85.78
34	475621	Water Bypass Assembly	102.72	123.43
35	475622	Vent Socket	134.86	162.05
36	475623	TitanTough Heat Exchanger	7124.52	8560.82
37	475624Z	Burner	225.43	270.88
38	476000	Combustion Blower Replacement Kit	404.68	486.26
39	476001	Gas Control Valve Replacement Kit	CALL	CALL
40	38404-4097S	3/4 in. Union	58.00	69.69
41	42001-0063S	High Limit Switch	100.86	121.19
42	U178-920PZ	Drain Plug	8.07	9.70
43	476002	Manifold	580.14	697.10
44	476003	Manifold-Enclosure Fasteners	179.83	216.08
45	476004	Hold Down Bracket Kit	130.14	156.38
46	476072	Propane Gas Orifice Kit	183.44	220.42
47	475975	Control Board	275.19	330.67
48	475976	Ignition Control Module	366.89	440.86
49	462023Z	Flame Sensor	72.10	86.64
50	476059	Burner Assembly	CALL	CALL
51	476101	Base Door Gas Side	561.27	674.42
52	476102	Base Door Control Side	561.27	674.42
53	476106	Kit Heat Exchanger Union Adapters	404.68	486.26
54	475777Z	Top Panel	562.80	676.26
		NOT SHOWN		
–	462054	Accessories and Documents Bundle	CALL	CALL
–	461103	FTG INLET PKG ETI EXCH	CALL	CALL
–	461104	FTG OUTLET PKG ETI EXCH	CALL	CALL

CALIFORNIA PROPOSITION 65 WARNING

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P/N 200174.A

ETi® 400 HEATER (CONT'D)

REPLACEMENT PARTS

ETI 400 HEATER GENERAL REPLACEMENT PARTS

CALIFORNIA PROPOSITION 65 WARNING

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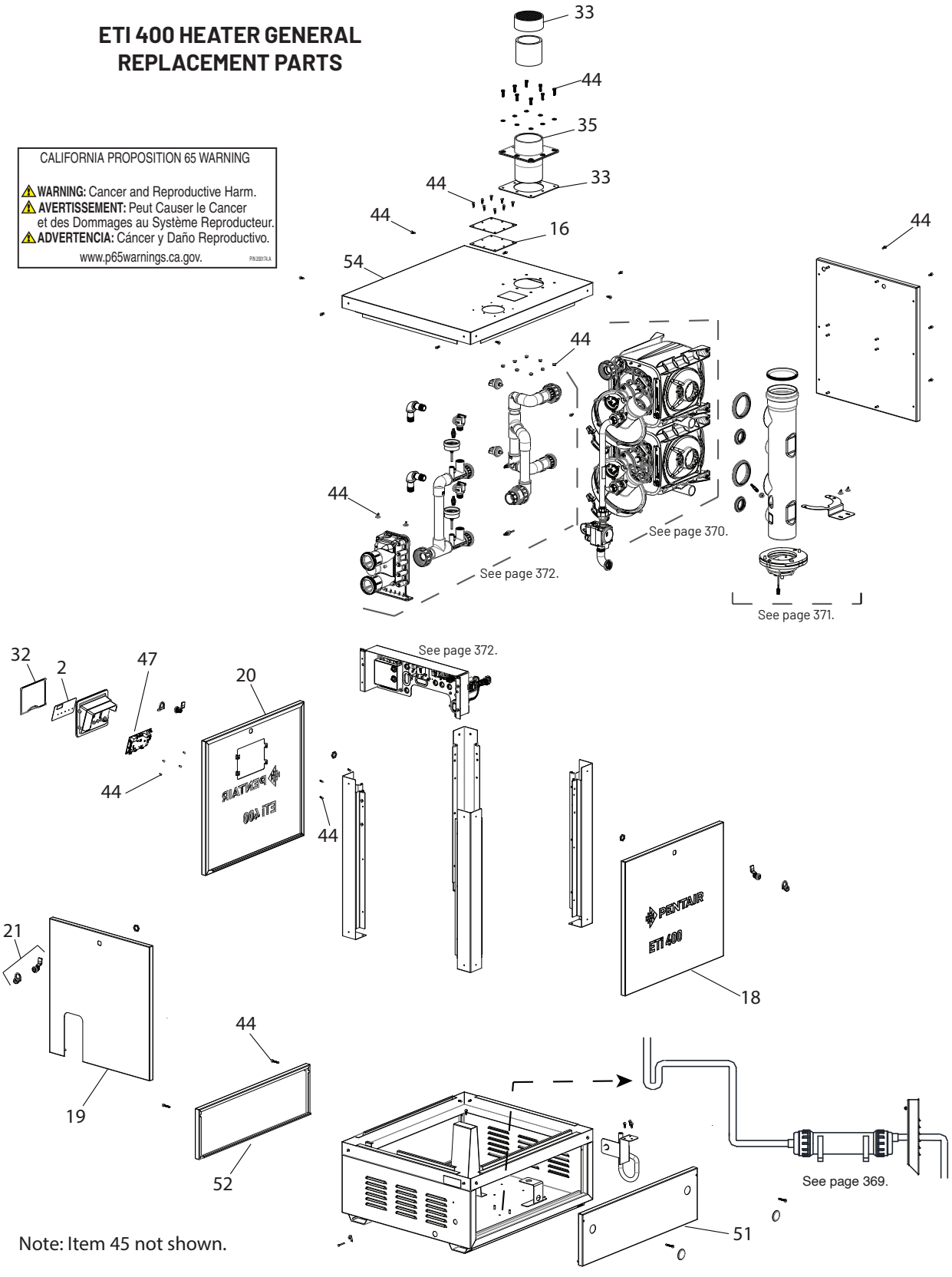
www.p65warnings.ca.gov.

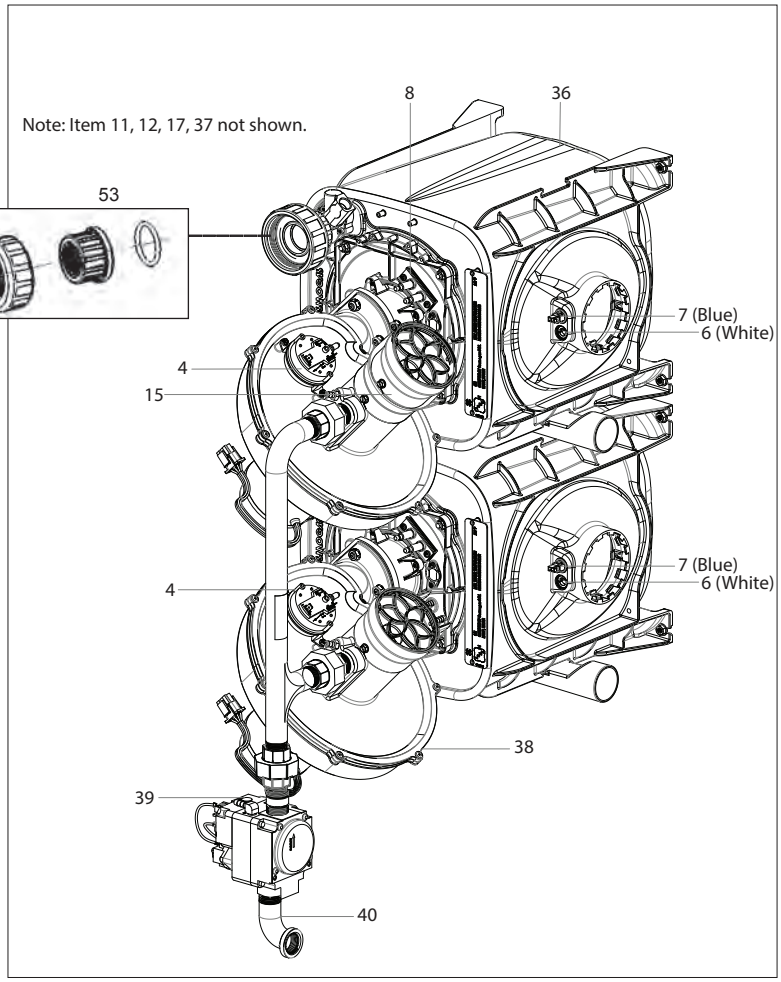


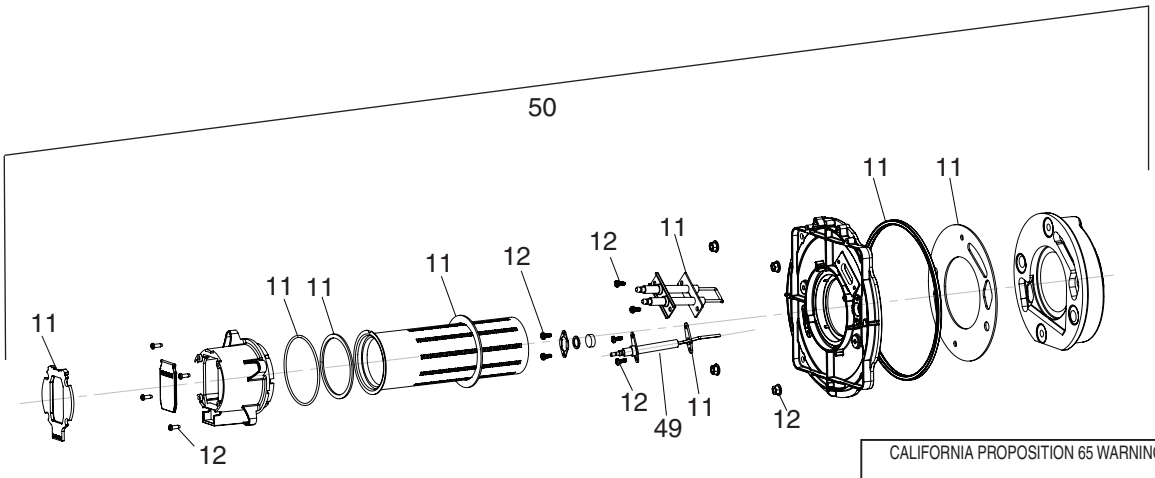
Note: Item 45 not shown.

ETi® 400 HEATER (CONT'D)

REPLACEMENT PARTS

BURNER SYSTEM REPLACEMENT PARTS





CALIFORNIA PROPOSITION 65 WARNING

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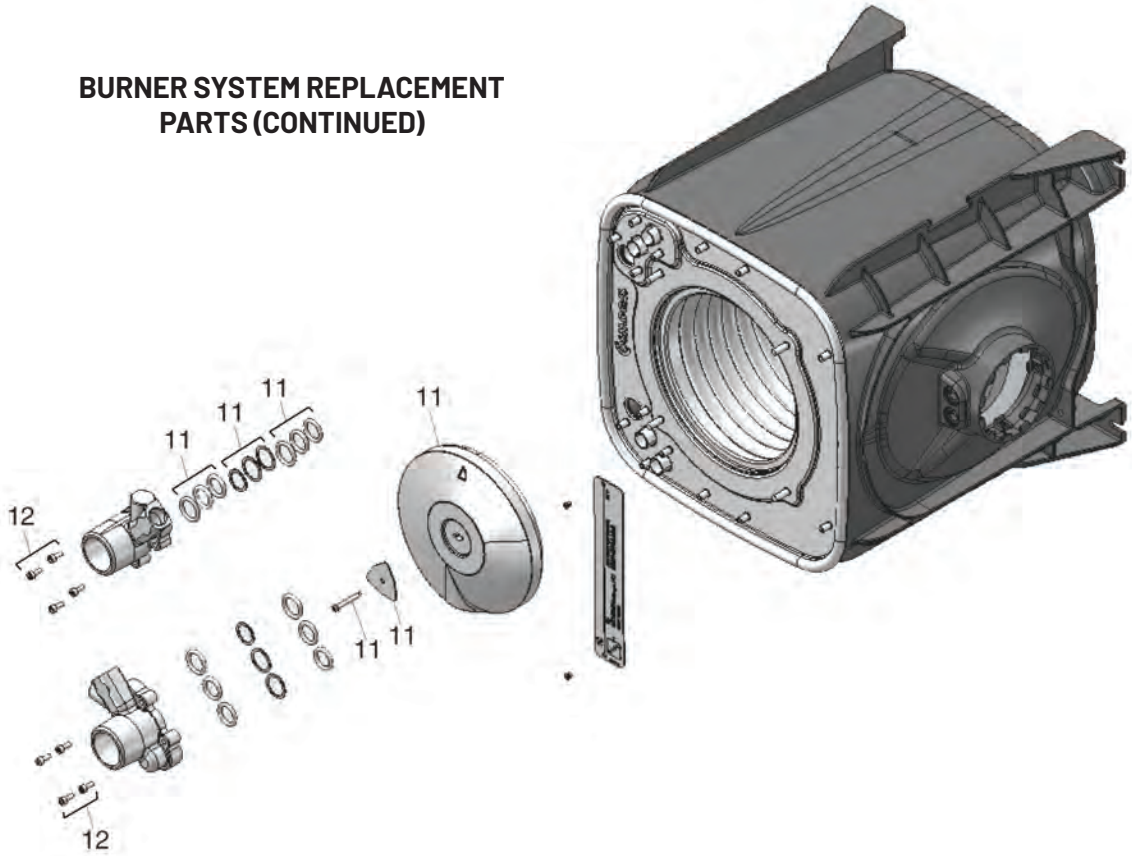
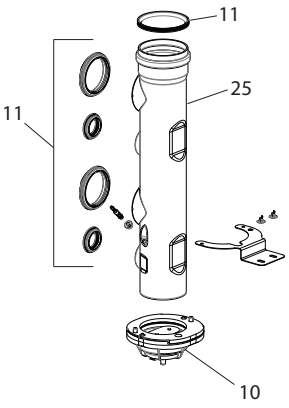
ETi® 400 HEATER (CONT'D)

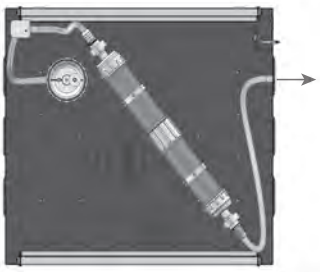
REPLACEMENT PARTS

BURNER SYSTEM REPLACEMENT PARTS (CONTINUED)

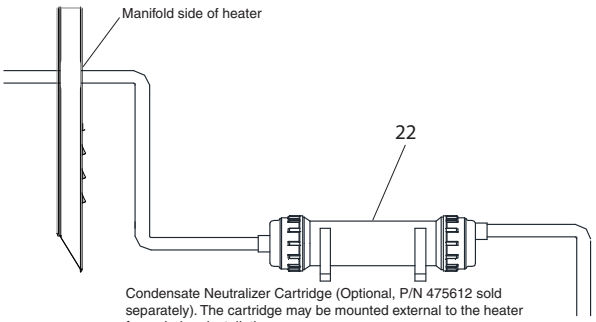


ETI 400 HEATER CONDENSATE ASSEMBLY REPLACEMENT PARTS





Condensate Neutralizer Cartridge (Optional, P/N 475612 sold separately). The cartridge may be mounted to the base of the heater for an outdoor installation.



Condensate Neutralizer Cartridge (Optional, P/N 475612 sold separately). The cartridge may be mounted external to the heater for an indoor installation.

CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
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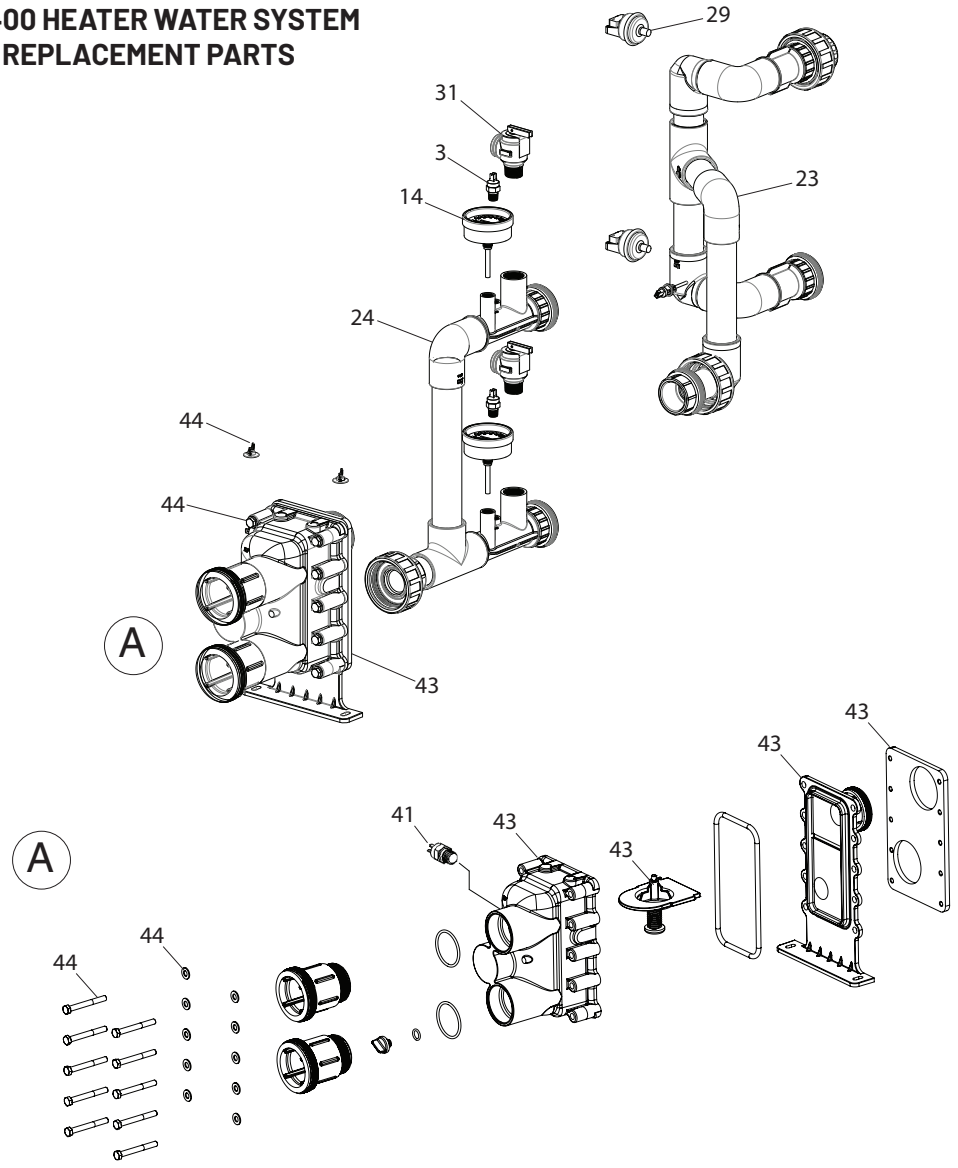
ETi® 400 HEATER (CONT'D)

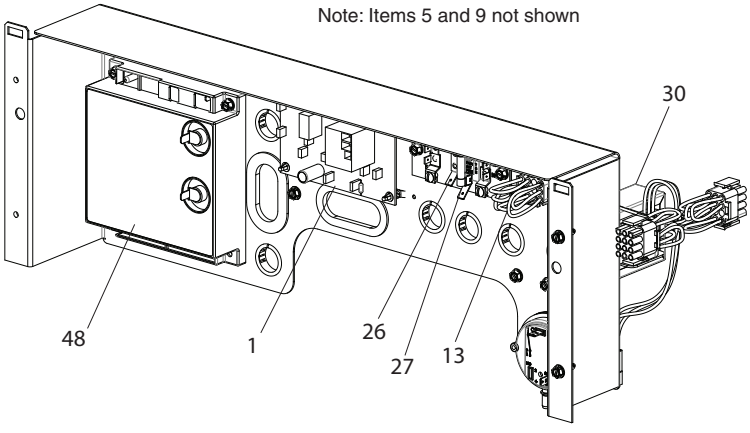
REPLACEMENT PARTS

ETI 400 HEATER WATER SYSTEM REPLACEMENT PARTS



OPERATOR CONTROL PANEL ASSEMBLY REPLACEMENT PARTS

Note: Items 5 and 9 not shown



CALIFORNIA PROPOSITION 65 WARNING

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NOTES:

ETi® 250

HIGH-EFFICIENCY POOL AND SPA HEATER REPLACEMENT PARTS

CALIFORNIA PROPOSITION 65 WARNING

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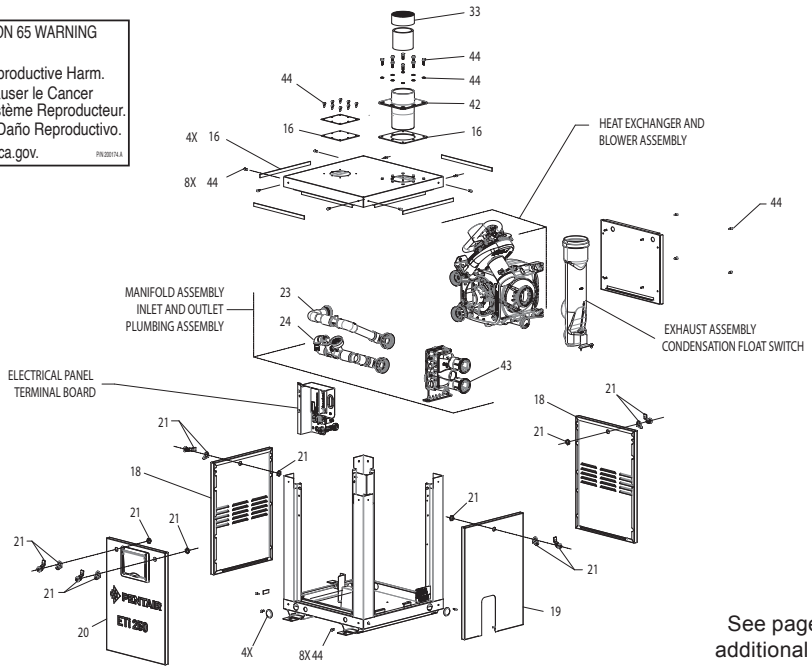


See pages 375–379 for additional exploded views.

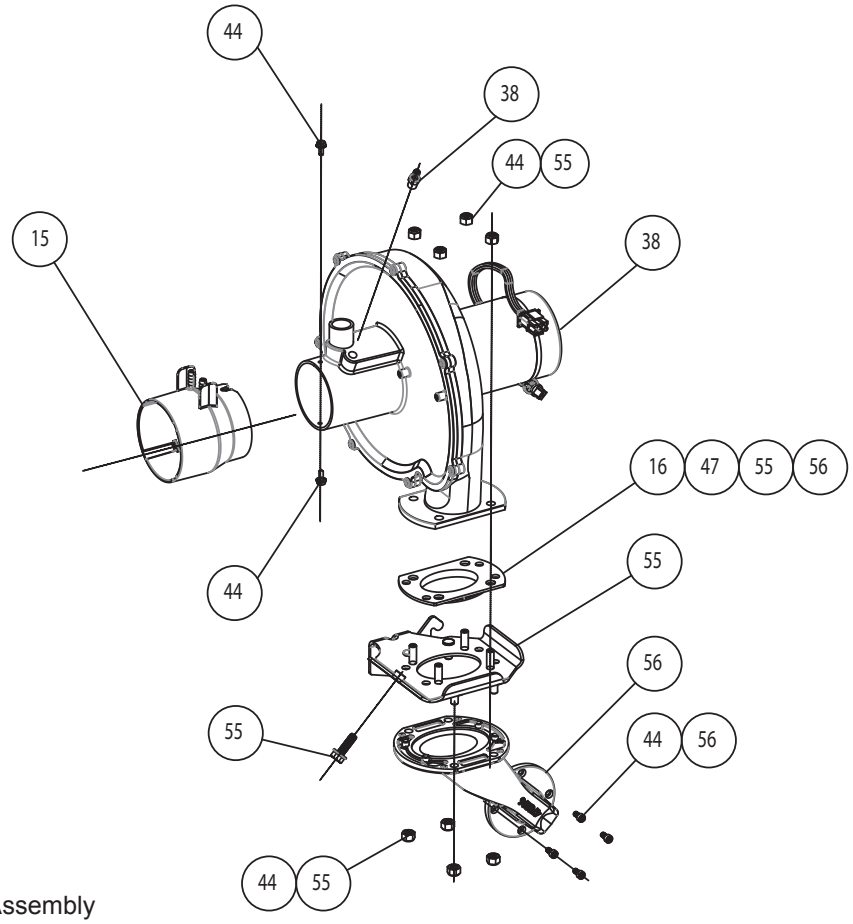
Item	Part No.	Description	US List	Can. List
		SYSTEM		
1	476384	Control Board	251.80	302.56
2	461106	Membrane Pad	223.48	268.53
3	475985	Automatic Gas Shut-Off Switch (AGS) 150°F	91.71	110.20
4	476365	Air Pressure Switch	322.91	388.01
5	475601Z	Stack Flue Sensor	CALL	CALL
6	476364	Wire Harness (not shown)	538.15	646.64
7	475998	Thermal Switch/Fuse	114.59	137.69
8	476081Z	Spark Electrode LP-NA	208.90	251.01
9	475982	Spark Electrodes Cables (not shown)	197.21	236.97
10	476366	Float Switch (KIT)	367.84	442.00
11	476367	Hx And Chimney Gaskets And Insulation	259.75	312.12
12	476417	Heat Exchanger Screw (KIT)	CALL	CALL
13	475979	Plug 120/240V	91.71	110.20
14	475603	Tridicator Gauge	137.58	165.32
15	476369	Natural Gas Orifices (KIT)	CALL	CALL
16	476419	Heater Gasket (KIT)	164.99	198.25
17	476371	Air Intake (KIT)	192.27	231.03
18	476372	Panel, Louver Door ETi-250	228.90	275.05
19	476374	Panel, Water Manifold Door, ETi 250	228.90	275.05
20	476373	Panel, Control Side Door, ETi 250	315.10	378.62
21	475611	Latch Assembly	112.68	135.40
22	476375Z	Condensate Neutralizer Cartridge (KIT)	262.58	315.52
23	476376	Inlet Plumbing Assembly (KIT)	702.62	844.27
24	476377	Outlet Plumbing Assembly (KIT)	702.62	844.27
25	476378	Exhaust Assembly (KIT)	505.36	607.24
26	42001-0056S	Terminal Board	87.04	104.59
27	32850-0099Z	Fireman's Switch Fuse (1.25 AMPS)	CALL	CALL
28	42001-0053S	Thermistor, Water Sensor	128.84	154.81

Item	Part No.	Description	US List	Can. List
29	42001-0060S	Water Pressure Switch	133.13	159.97
30	42001-0107Z	Dual Voltage Transformer	92.76	111.46
31	475618	Pressure Relief Valve	224.81	270.13
32	475619	Control Cover	44.94	54.00
33	475620	Vent Cap Exhaust	71.39	85.78
34	476380	Water Bypass Assy (KIT)	84.11	101.07
35	475622	Vent Socket	134.86	162.05
36	476382	TitanTough Heat Exchanger	7234.13	8692.53
37	476383	Burner (KIT)	CALL	CALL
38	476000	Blower	404.68	486.26
39	476409	Gas Valve	709.22	852.20
40	38404-4097S	3/4" Union	58.00	69.69
41	42001-0063S	High Limit Switch	100.86	121.19
42	U178-920PZ	Drain plug	CALL	CALL
43	476381	Water Manifold Assembly (KIT)	839.81	1009.12
44	476420	Manifold-Enlosure Fasteners	180.33	216.68
45	462055	Hold Down Bracket (KIT) (not shown)	90.13	108.30
46*	476370	Propane Conversion Orifices (KIT)	72.93	87.63
47	476421	Blower Gasket	29.43	35.36
48	476385	Ignition Control Module	399.97	480.60
49	462023Z	Flame Sensor	72.10	86.64
50	476386	Burner Assembly (KIT)	557.02	669.32
51	476389	Control Housing	148.34	178.25
52	461103	Inlet Brass Fitting	135.55	162.88
53	461104	Outlet Brass Fitting	135.55	162.88
54	476106	Heat Exchanger Union Adapter (KIT)	404.68	486.26
55	476400	Bracket, Air Manifold	228.90	275.05
56	476401	Air Manifold	321.05	385.77
57*	462057	High Altitude Conversion Kit	72.93	87.63
	462065	Accessories and Documents Bundle	CALL	CALL

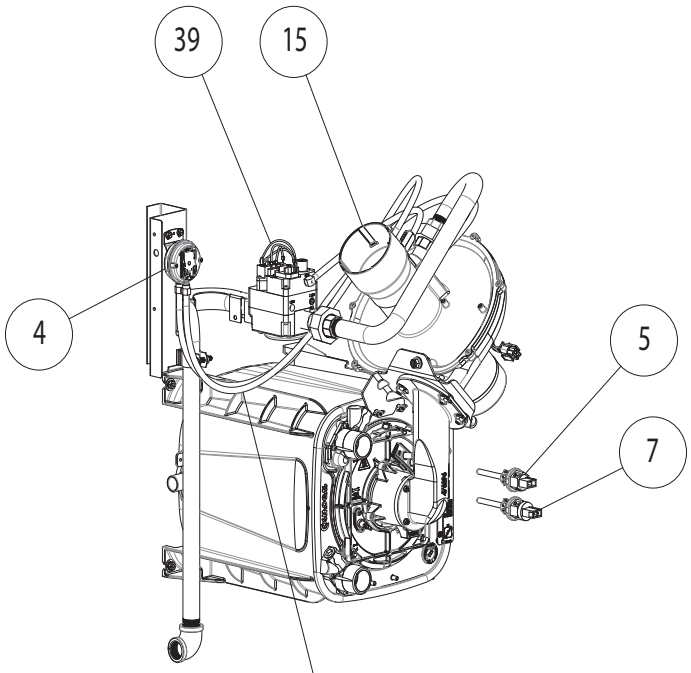
(*) Refer to the installation and user guides of the ETi 250 High Altitude Installation Kit and/or ETi 250 Propane Conversion Kit to determine each kit's suitability for your specific installation.

ETi® 250 (CONT'D)

HIGH-EFFICIENCY POOL AND SPA HEATER REPLACEMENT PARTS



Blower Assembly



Heat Exchanger Assembly and Blower Assembly

2X TUBING

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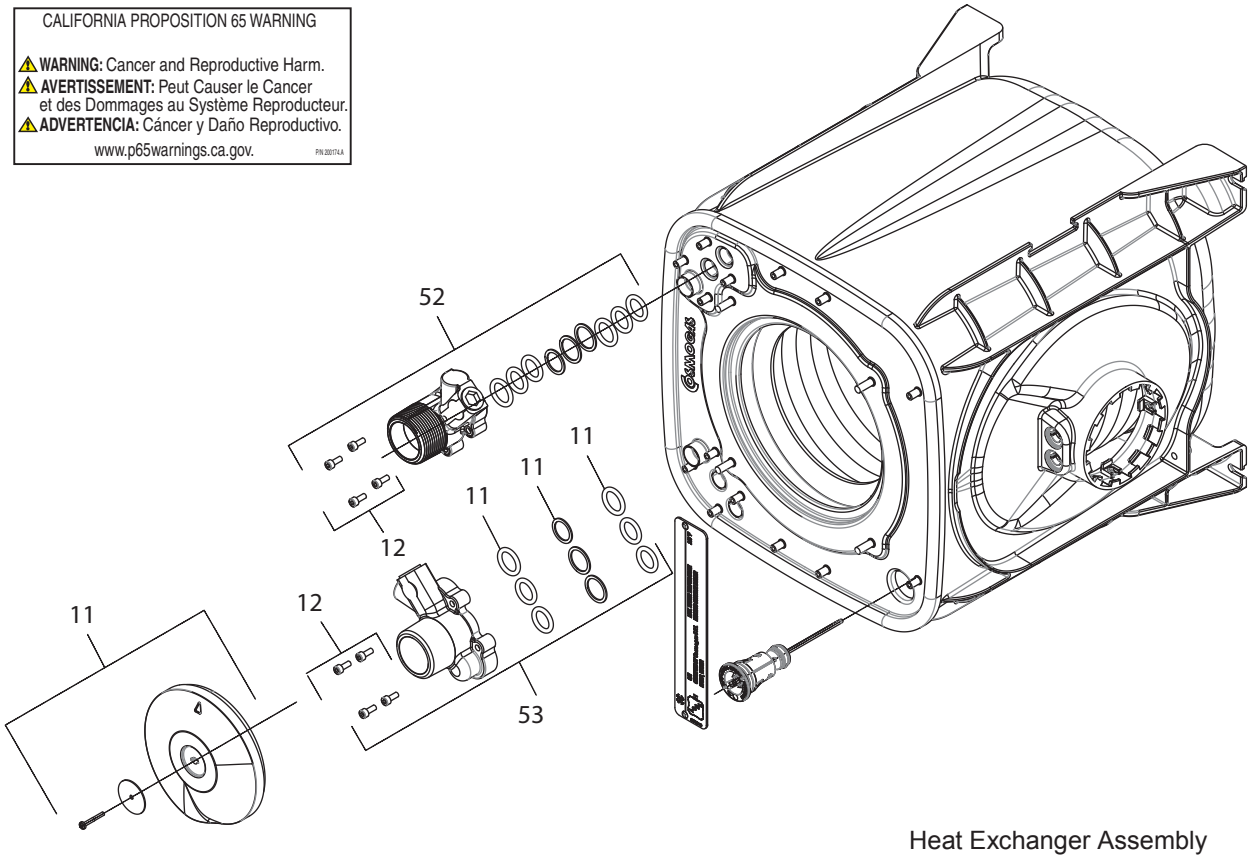
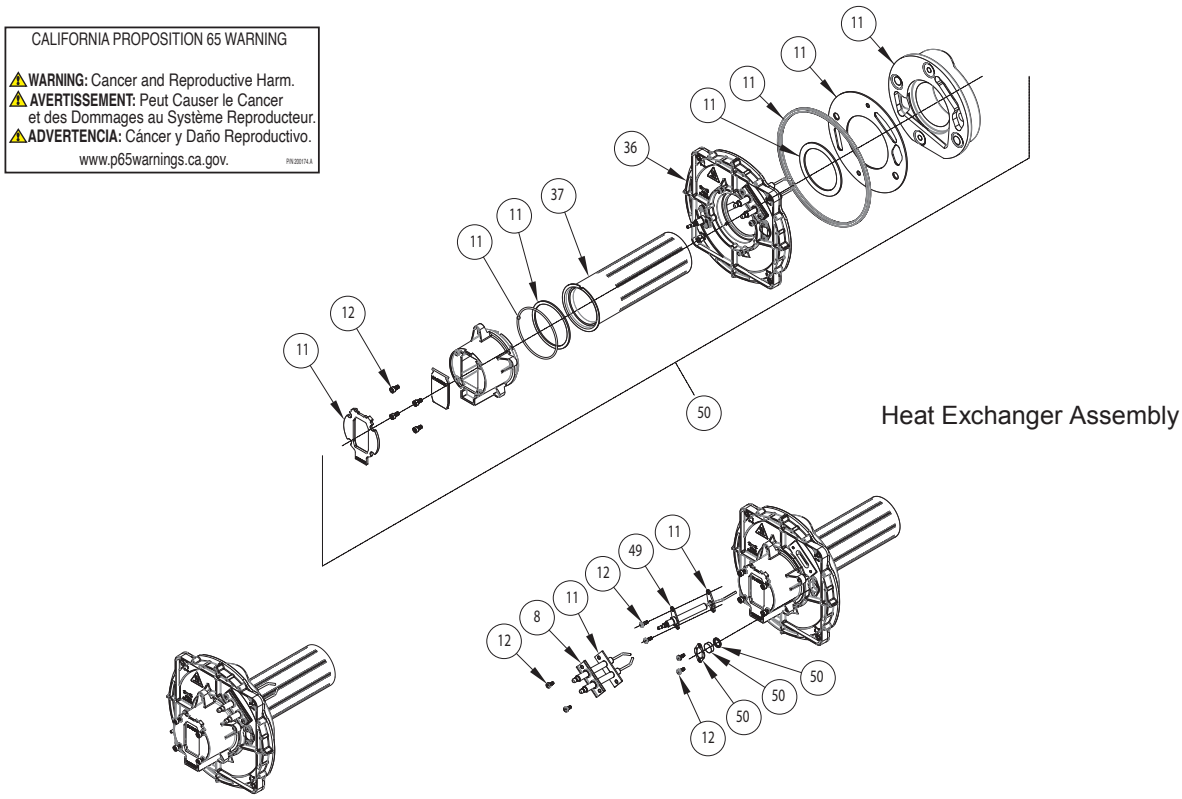
ETi® 250 (CONT'D)

HIGH-EFFICIENCY POOL AND SPA HEATER REPLACEMENT PARTS



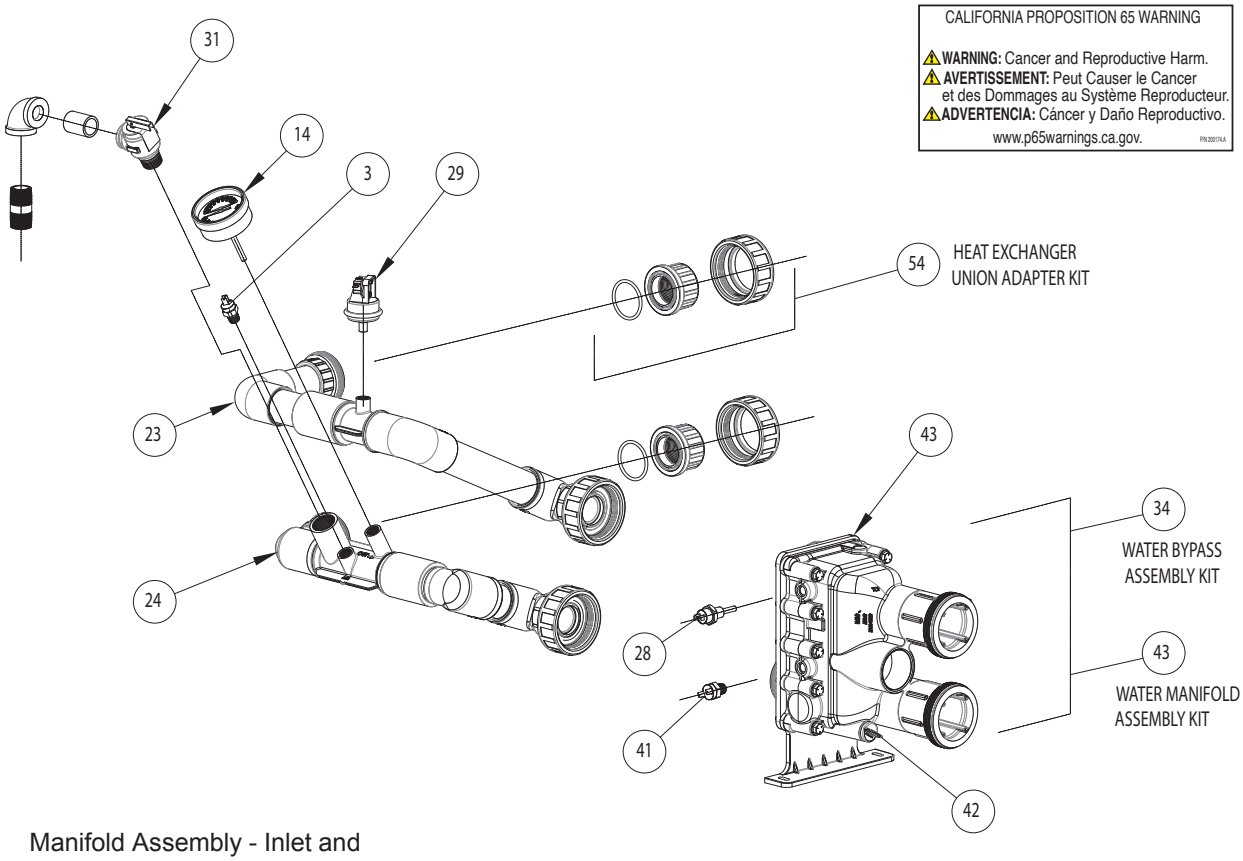
Heat Exchanger Assembly



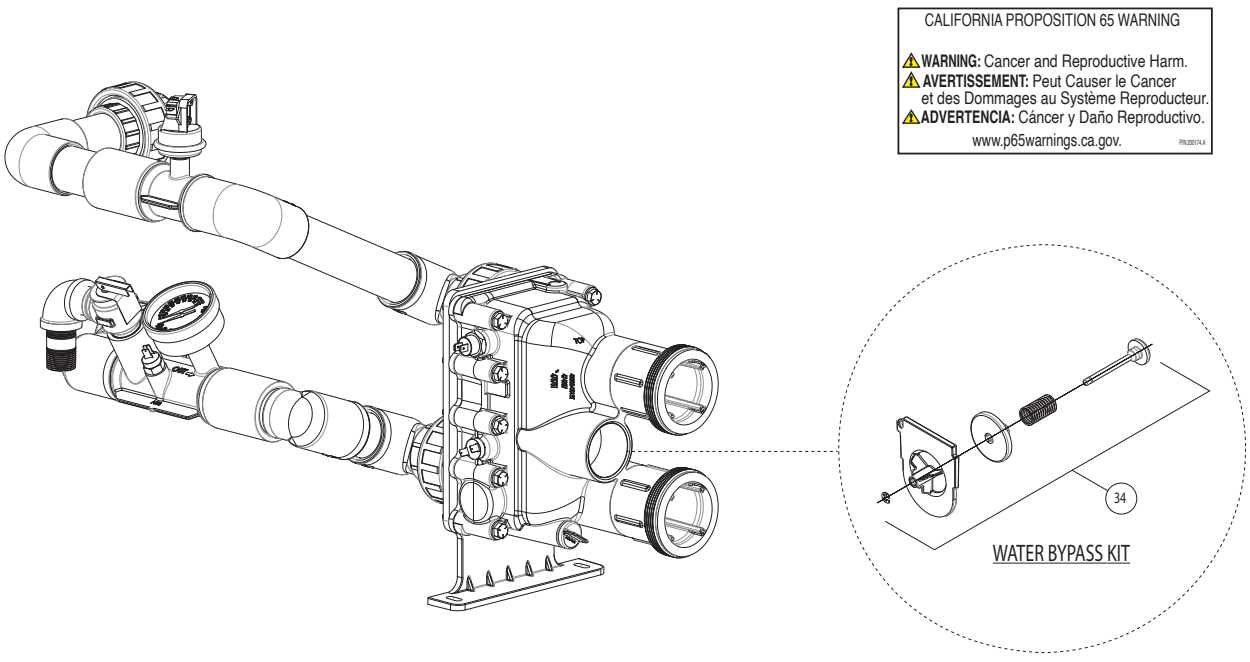
Heat Exchanger Assembly

ETi® 250 (CONT'D)

HIGH-EFFICIENCY POOL AND SPA HEATER REPLACEMENT PARTS



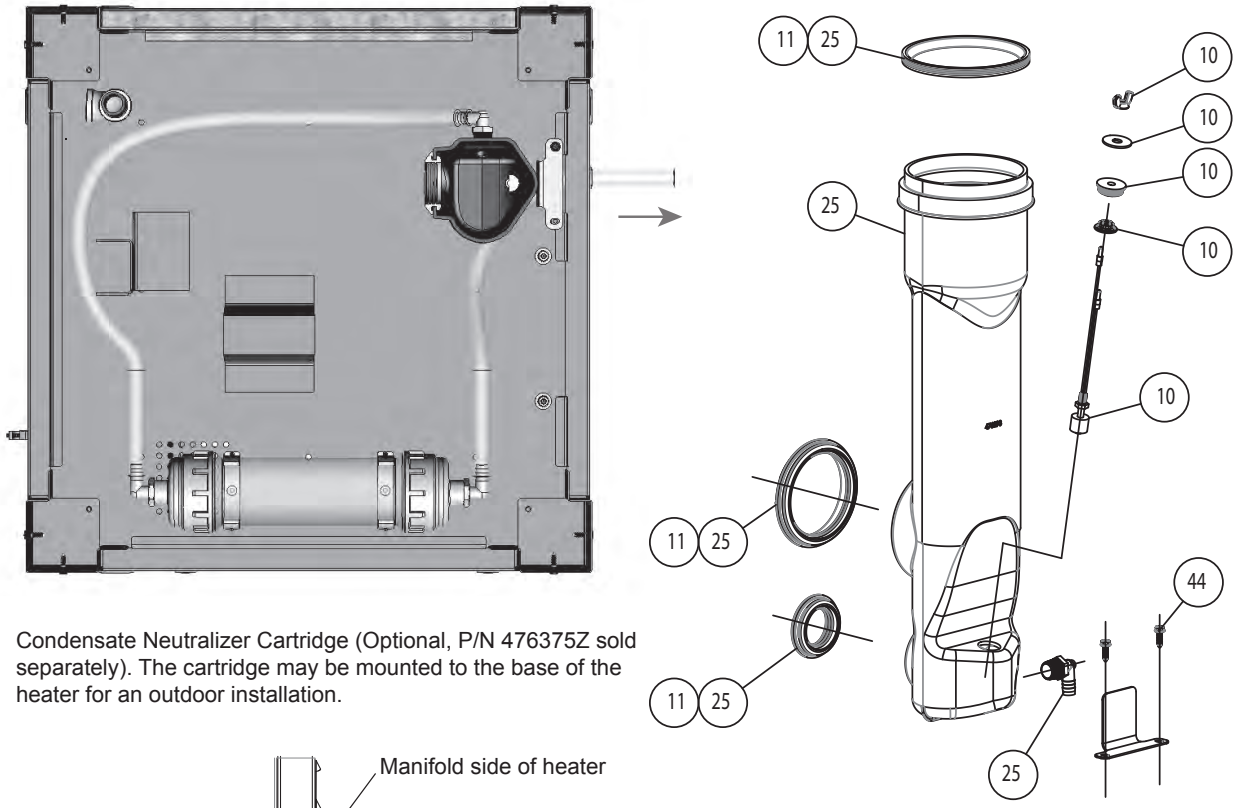
Manifold Assembly - Inlet and Outlet Plumbing Assembly



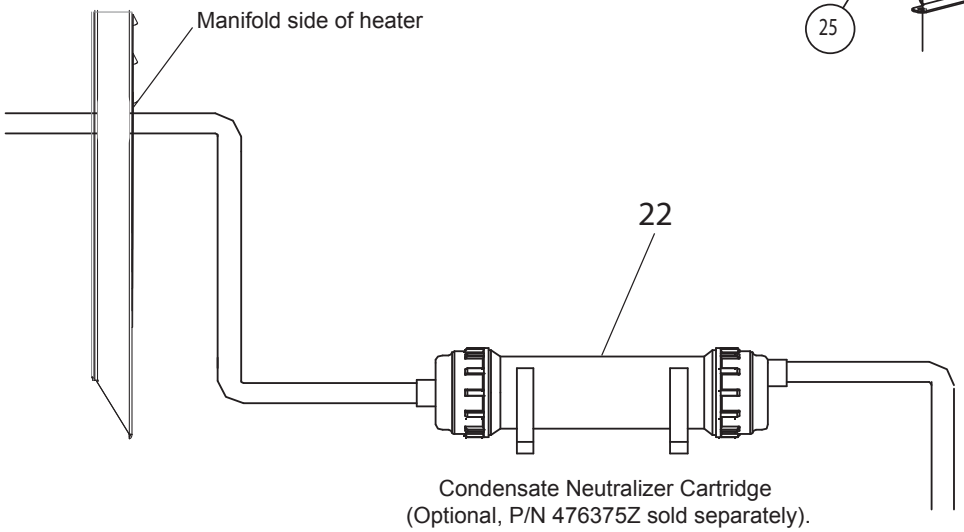
Manifold Assembly

ETi® 250 (CONT'D)

HIGH-EFFICIENCY POOL AND SPA HEATER REPLACEMENT PARTS



Condensate Neutralizer Cartridge (Optional, P/N 476375Z sold separately). The cartridge may be mounted to the base of the heater for an outdoor installation.



Condensate Neutralizer Cartridge
(Optional, P/N 476375Z sold separately).

Condensate Neutralizer Cartridge Assembly and Exhaust Assembly

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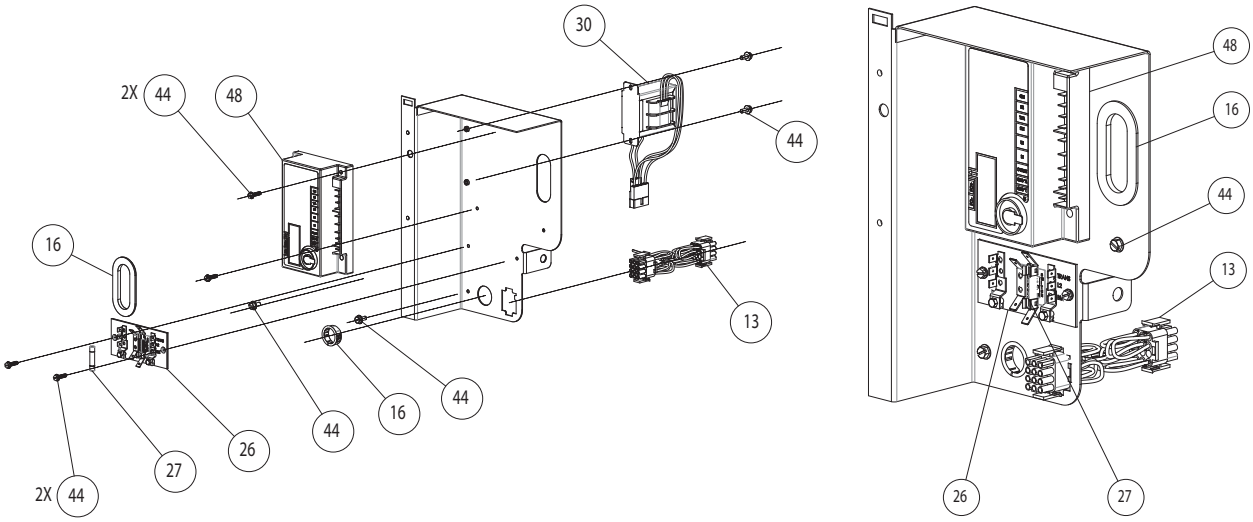
ETi® 250 (CONT'D)

HIGH-EFFICIENCY POOL AND SPA HEATER REPLACEMENT PARTS



Electrical Panel

CALIFORNIA PROPOSITION 65 WARNING

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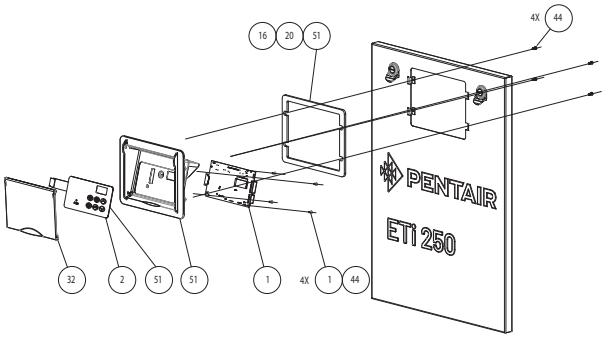
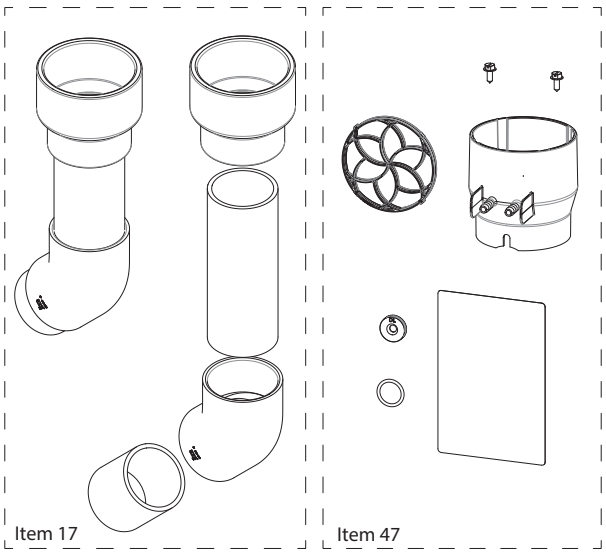


Control Panel Circuit Board Assembly and Side Panel



Intake Kit (#17) & Blower Gasket (#47)

CALIFORNIA PROPOSITION 65 WARNING

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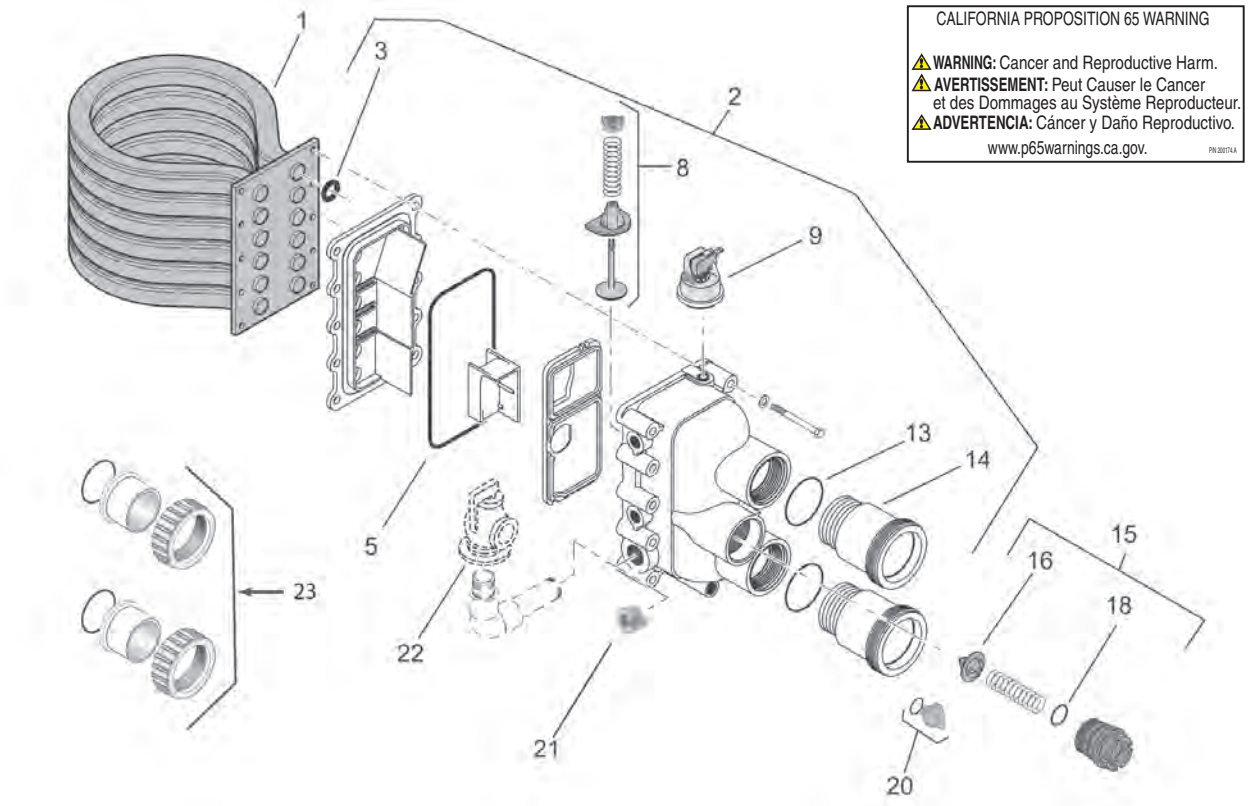
MASTERTEMP® HEATER

WATER SYSTEM REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
		WATER SYSTEM		
1	474058	Tube Sheet Coil Assembly Kit (Includes Item No. 3) Models 175NA, 175LP, 200NA, 200LP[1]	1467.25	1763.05
1	474059	Tube Sheet Coil Assembly Kit (Includes Item No. 3) Models 250NA, 250LP[1]	1805.87	2169.93
1	474060	Tube Sheet Coil Assembly Kit (Includes Item No. 3) Models 300NA, 300LP[1]	2031.58	2441.15
1	474061	Tube Sheet Coil Assembly Kit (Includes Item No. 3) Models 400NA, 400LP[1]	2426.58	2915.78
1	474065	Tube Sheet Coil Assembly Kit - HD Series - (Includes Item No. 3) Models 400HDNA, 400HD-LP[1]	3657.12	4394.40
1	474063	Tube Sheet Coil Assembly Kit - HD Series - (Includes Item No. 3) Models 250HDNA, 250HD-LP[1]	1805.87	2169.93
1	474063	Kit HTEXCH 250K HD Heaters MFG AFTER JAN 09	CALL	CALL
2	77707-0014	Manifold Kit (Includes Item Nos. 3–14, 21, and Item Nos. 5–7 in “Electrical System” Models 175NA, 175LP, 200NA, 200LP	1036.76	1245.77
2	460748	Manifold Kit (Includes Item Nos. 3–14, 21, and Item Nos. 5–7 in “Electrical System” Models 250NA, 250LP	964.38	1158.80
2	77707-0015	Manifold Kit (Includes Item Nos. 3–14, 21, and Item Nos. 5–7 in “Electrical System” Models 300NA, 300LP	1036.76	1245.77
2	77707-0016	Manifold Kit (Includes Item Nos. 3–14, 21, and Item Nos. 5–7 in “Electrical System” Models 400NA, 400LP	1036.76	1245.77
2	474200	Basic Manifold Kit (Includes Item Nos. 3, 5, 10–14)	330.79	397.48

Note: Kits include: O-Rings, Insulation, Igniter and Blower Gaskets.

MASTERTEMP® HEATER (CONT'D)
WATER SYSTEM REPLACEMENT PARTS

Item	Part No.	Description	US List	Can List
		WATER SYSTEM		
3	77707-0117	Coil/Tubesheet Sealing O-Ring Kit - Models 175NA, 175LP, 200NA, 200LP (6)	126.00	151.40
3	460749	Coil/Tubesheet Sealing O-Ring Kit - Models 250NA, 250LP (8)	87.04	104.59
3	77707-0118	Coil/Tubesheet Sealing O-Ring Kit - Models 300NA, 300LP (10)	87.04	104.59
3	77707-0119	Coil/Tubesheet Sealing O-Ring Kit - Models 400NA, 400LP (12)	87.04	104.59
8	77707-0001	Manifold Bypass Valve Kit	92.26	110.86
9	42001-0060S	Water Pressure Switch	133.13	159.97
13	U9-226Z	O-Ring	5.08	6.10
14	77707-0017	Connector Tube Kit (Includes 1 Connector Tube and 1 O-Ring)	88.48	106.32
15	77707-0010	Thermal Regulator Kit (Incl. Item Nos.16, 17, 18, 19 and Spring Clip)	168.52	202.49
16	38000-0007S	Thermal Regulator (Includes Spring Clip)	116.09	139.49
20	U178-920PZ	Drain Plug	8.07	9.70
22	473715Z	Pressure Relief Valve	254.41	305.70
23	PKG 188Z	2 in. Union Adapter Package (Includes 2)	48.66	58.47
		NOT SHOWN		
	77707-0120	O-Ring Kit (Incl. Item Nos. 3, 5)	74.16	89.11
	461102	Pro Service Package - Water Parts (Includes items in a reusable hard case, 8, 9, 15, not shown, Thermistor (2), High Limit Switch (2), AGS Switch (2))	634.56	762.49
	462051	Accessories and Documents Bundle	CALL	CALL
	462038Z	INSRT MFLD MASTERTEMP ASME ANTIRODENT	CALL	CALL

ASME Heater Manufacture Date	Part No.	Description	US List	Can. List
		ASME KITS		
11/16/13 to Present (New 9-Bolt Tub Design) (Includes Item No.s 13-19, 20b, Lid, Nut/Washer [9X] and Silicone Tube)	475669	Heat Exchanger Kit - 200 ASME	4245.24	5101.08
	474955	Heat Exchanger Kit - 250 ASME	4501.10	5408.52
	474954	Heat Exchanger Kit - 250 ASME HD	4827.28	5800.46
	474956	Heat Exchanger Kit - 400 ASME	5007.41	6016.90
	474953	Heat Exchanger Kit - 400 ASME HD	5076.24	6099.61
Prior to 10/2012 (Old Header Design)	460923	ASME Bypass Valve Kit (Old Header Design)	519.72	624.50
	460924	Thermal Regulator Kit (includes Spring Clip, ASME, Old Header Design)	253.96	305.16
10/2012 to Present (New Header Design)	77707-0001	Manifold Bypass Valve Kit ASME	92.26	110.86
	460925	ASME Pressure Relief Valve Kit	290.22	348.73

CALIFORNIA PROPOSITION 65 WARNING

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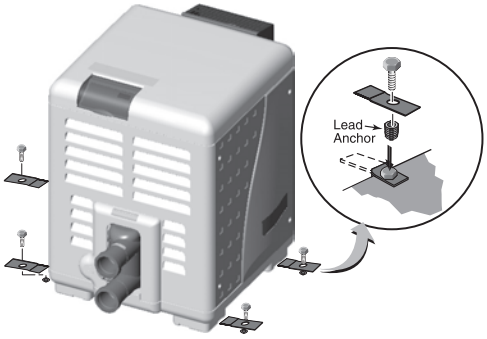
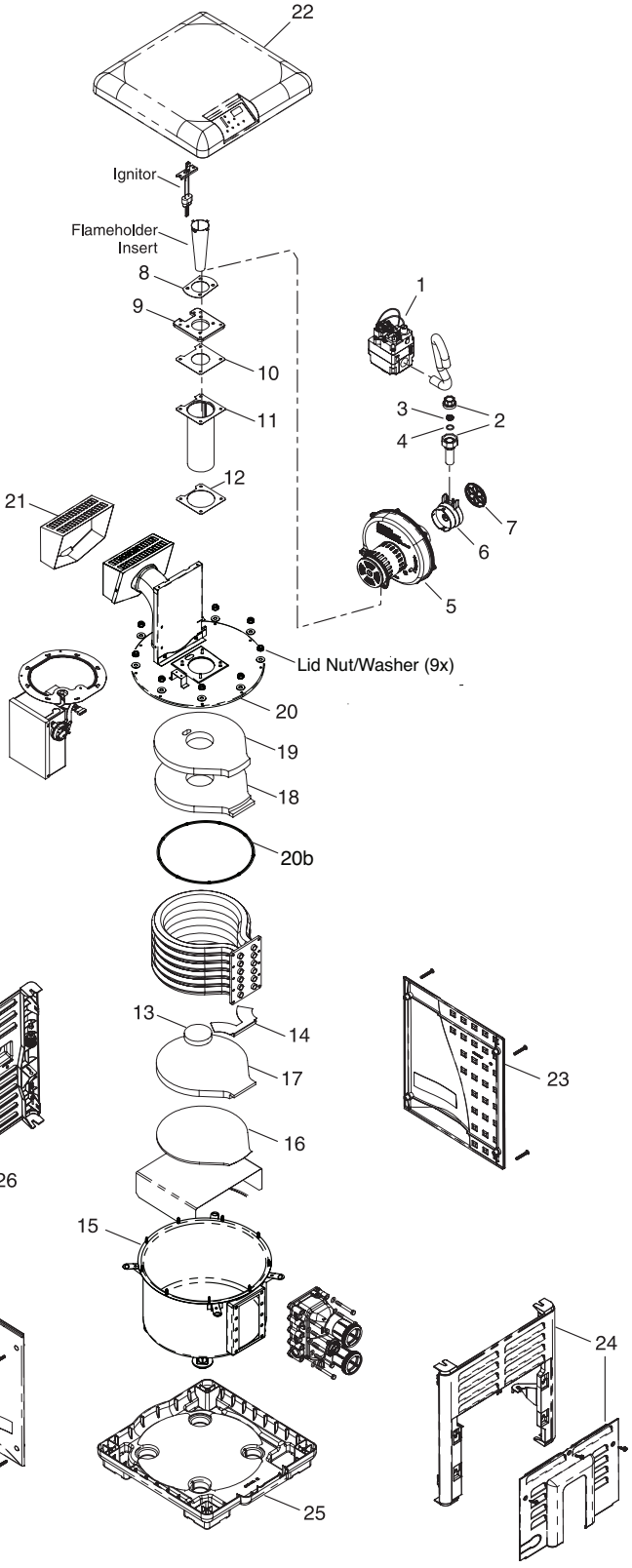
MASTERTEMP® HEATER (CONT'D)

BURNER SYSTEM REPLACEMENT PARTS

For Heater mounting bolts and clamps, purchase separately Bolt Down Bracket Kit, Part No. 460738.





CALIFORNIA PROPOSITION 65 WARNING

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MASTERTEMP® HEATER (CONT'D)

BURNER SYSTEM REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List	Qty.
		BURNER SYSTEM			
1	42001-0051S	Combination Gas Control Valve Kit	707.31	849.90	1
2	38404-4097S	3/4 in. Union	58.00	69.69	2
5	77707-0250	Air Blower Kit – Natural Gas Units (Models 175NA)	1337.35	1606.96	1
5	77707-0251	Air Blower Kit - Natural Gas Units (Models 200NA)	1337.38	1607.00	1
5	460743	Air Blower Kit - Natural Gas Units (Models 250NA)	1244.11	1494.92	1
5	460757	Air Blower Kit - Natural Gas Units (Models 300NA)	1244.08	1494.89	1
5	77707-0253	Air Blower Kit - Natural Gas Units (Models 400NA)	1337.38	1607.00	1
5	77707-0254	Air Blower Kit - Propane Units (Models 175LP, 200LP)	1337.38	1607.00	1
5	460744	Air Blower Kit - Propane Units (Models 250LP)	1244.08	1494.89	1
5	460758	Air Blower Kit - Propane Units (Models 300LP)	1247.44	1498.92	1
5	77707-0256	Air Blower Kit - Propane Units (Models 400LP)	1337.38	1607.00	1
6	See Item #7	Item #6 included in Item #7		CALL	
7	460798	Air Orifice Kit - Model 175 (Includes Item Nos. 6 and 7)	69.62	83.66	1
7	77707-0111	Air Orifice Kit - Model 200 (Includes Item Nos. 6 and 7)	106.51	127.98	1
7	460745	Air Orifice Kit - Model 250 (Includes Item Nos. 6 and 7)	99.04	119.01	1
7	460759	Air Orifice Kit - Model 300 (Includes Item Nos. 6 and 7)	99.04	119.01	1
7	77707-0113	Air Orifice Kit - Model 400 (Includes Item Nos. 6 and 7)	106.51	127.98	1
15	474957	One Piece Metal Chamber/ Combustion Chamber Assembly [1]	686.34	824.71	1
20	474958	One Piece Metal Elbow/ Combustion Chamber Cover Assembly [1]	781.40	938.93	1
20b	474952	Tub O-Ring Kit [1]	73.50	88.32	1
21	42002-0005S	Metal Vent Cover	212.88	255.80	1
22	42002-0034Z	Heater Top	567.91	682.40	1
23	42002-0039Z	Side Panel (Service Panel) with 4 clips and 4 screws	555.47	667.45	1
24	42002-0033Z	Side Panel (Manifold)	555.45	667.43	1
25	42002-0031Z	Heater Bottom	261.18	313.83	1
26	42002-0032Z	Side Panel (Flue Stack)	419.80	504.43	1
27	42002-0041Z	J Box Cover	29.02	34.87	1
28	474292	11 ea screws, 11 ea clips and 8 wing-nuts	36.25	43.56	
		NOT SHOWN			
–	462038	INSRT MFLD MasterTemp ASME Antirodent	CALL	CALL	1
–	461002	Gas Orifice Kit - NG, Model 175 (Incl. Item Nos. 3 and 4) *	85.45	102.68	1
–	77707-0431	Gas Orifice Kit - NG, Model 200 (Incl. Item Nos. 3 and 4) *	85.45	102.68	1
–	460739	Gas Orifice Kit - NG, Model 250 (Incl. Item Nos. 3 and 4) *	79.49	95.52	1
–	460753	Gas Orifice Kit - NG, Model 300 (Incl. Item Nos. 3 and 4)	79.49	95.52	1
–	77707-0411	Gas Orifice Kit - NG, Model 400 (Incl. Item Nos. 3 and 4) *	85.45	102.68	1
–	460797	Gas Orifice Kit – Propane, Model 175 (Incl. Item Nos. 3 and 4) *	127.77	153.53	1
–	77707-0461	Gas Orifice Kit – Propane, Model 200 (Incl. Item Nos. 3 and 4) *	85.45	102.68	1
–	460740	Gas Orifice Kit – Propane, Model 250 (Incl. Item Nos. 3 and 4) *	79.49	95.52	1
–	460754	Gas Orifice Kit – Propane, Model 300 (Incl. Item Nos. 3 and 4) *	79.49	95.52	1
–	77707-0441	Gas Orifice Kit – Propane, Model 400 (Incl. Item Nos. 3 and 4) *	88.55	106.40	1
–	460794	NG to Propane Conversion Kit Model 175 (Incl. Item Nos. 3 and 4) *	122.44	147.12	1
–	77707-1461	NG to Propane Conversion Kit Model 200 (Incl. Item Nos. 3 and 4) *	91.55	110.01	1
–	460741	NG to Propane Conversion Kit Model 250 (Incl. Item Nos. 3 and 4) *	85.14	102.30	1
–	460755	NG to Propane Conversion Kit Model 300 (Incl. Item Nos. 3 and 4) *	85.14	102.30	1
–	77707-1441	NG to Propane Conversion Kit Model 400 (Incl. Item Nos. 3 and 4) *	91.55	110.01	1
–	460795	Propane to NG Conversion Kit Model 175 (Incl. Key Nos. 3 and 4) *	122.44	147.12	1
–	77707-1431	Propane to NG Conversion Kit Model 200 (Incl. Key Nos. 3 and 4) *	91.55	110.01	1
–	460742	Propane to NG Conversion Kit Model 250 (Incl. Key Nos. 3 and 4) *	85.14	102.30	1
–	460756	Propane to NG Conversion Kit Model 300 (Incl. Key Nos. 3 and 4) *	85.14	102.30	1
–	77707-1411	Propane to NG Conversion Kit Model 400 (Incl. Key Nos. 3 and 4) *	91.55	110.01	1
–	77707-0011	Blower/Adapter Plate Gasket Kit (Includes Item Nos. 8, 9, 10, 12)	104.88	126.02	1
–	77707-0202	Flameholder Kit - Model 175, Model 200 (Includes Item Nos. 10, 11, 12 & 13)	249.25	299.50	1
–	460746	Flameholder Kit - Model 250 (Includes Item Nos. 10, 11, 12 & 13 and Flameholder insert)	231.86	278.60	1
–	77707-0203	Flameholder Kit - Model 300 (Includes Item Nos. 10, 11, 12, 13 & Flameholder Insert)	280.40	336.93	1
–	77707-0204	Flameholder Kit - Model 400 (Includes Item Nos. 10, 11, 12, 13 & Flameholder Insert)	327.12	393.07	1
–	77707-0008	Insulation Kit (Includes Item Nos. 13, 14, 16, 17, 18, 19)	253.96	305.16	1
–	42001-0074S	Lower Enclosure Insulation	89.18	107.16	1
–	42001-0214S	Metal Vent Cover Assembly	CALL	CALL	1
–	461063	Kit Gas Conversion NA to LP - MT125	97.99	117.74	1
–	461100	Pro Service Package - Master Commonly replaced items in a reusable case	1824.41	2192.21	
	475265	Rodent Resistant Air Orifice Protection Cap	117.17	140.79	
	476107Z	Rodent Resistant Gas Pipe Escutcheon	29.34	35.25	

* Not included with heater. Order separately.

[1] For Heaters Manufactured After 11/16/13 (New 9-bolt lid tub design).

Note: Kits include Clamp Assembly, O-Ring, and Silicone Tube.

CALIFORNIA PROPOSITION 65 WARNING

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MASTERTEMP® HEATER (CONT'D)

ELECTRICAL SYSTEM REPLACEMENT PARTS

CALIFORNIA PROPOSITION 65 WARNING

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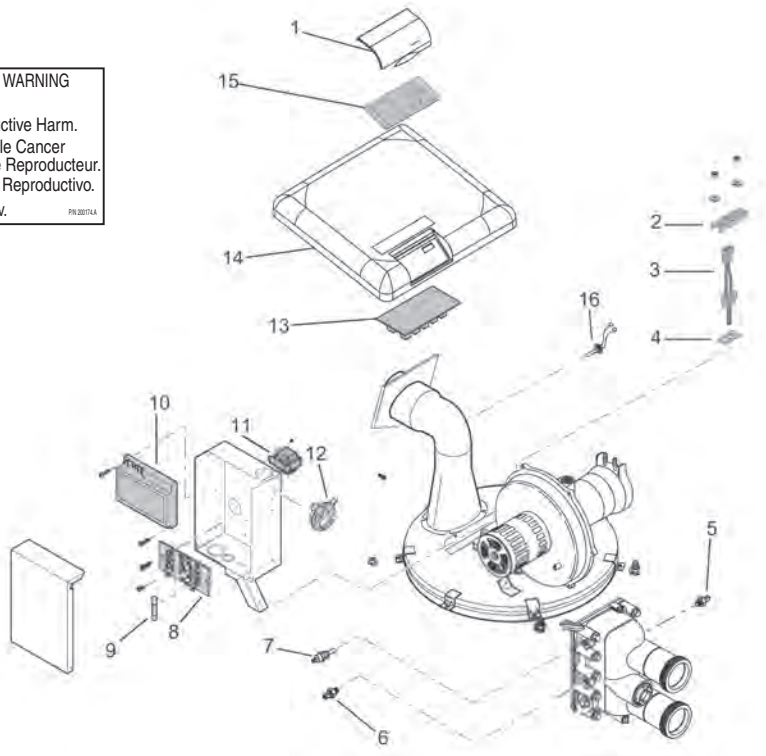
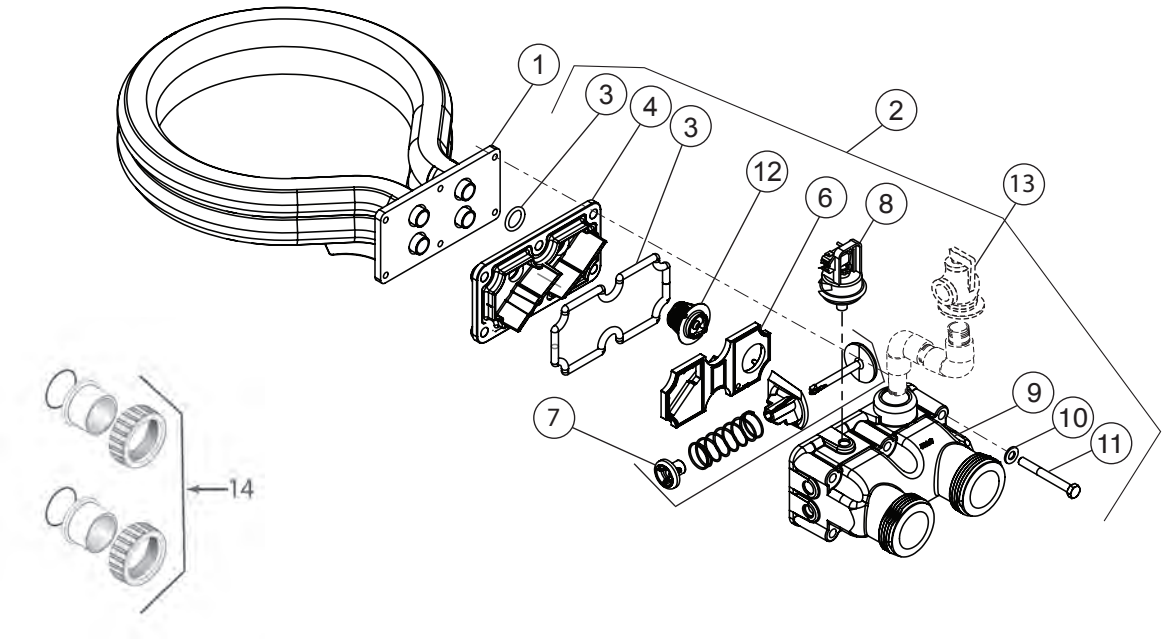


Item	Part No.	Description	US List	Can. List
		ELECTRICAL SYSTEM		
1	42002-0035Z	Heater Display Cover	87.04	104.59
2	42001-0030S	Igniter Bracket	87.04	104.59
3	77707-0054	Igniter/Igniter Gasket Kit, Incl. Item Nos. 3 and 4)	134.88	162.07
4	42001-0066S	Igniter Gasket	87.04	104.59
5	42002-0025S	Automatic Gas Shutoff Switch (AGS)	82.96	99.68
6	42001-0063S	High Limit Switch	100.86	121.19
7	42001-0053S	Thermistor	128.84	154.81
8	42001-0056S	Terminal Board	87.04	104.59
9	32850-0099Z	Fireman's Switch Fuse (1.25A, 1-1/4 in.)	CALL	CALL
10	476223	Ignition Control Module	561.27	674.42
11	42001-0107Z	Transformer, 115/230V	92.76	111.46
12	42001-0061S	Air Flow Switch	223.09	268.06
13	461105	Control Board Kit (NA, LP Series)	1024.08	1230.53
14	42002-0034Z	Heater, Top	567.91	682.40
15	472610Z	Five Button Membrane Keypad - for heaters made before 5/5/2021	223.50	268.56
15	461106	Six Button Membrane Keypad - For heaters made after 5/6/2021	223.48	268.53
16	42002-0024S	Stack Flue Sensor	193.87	232.95
		NOT SHOWN		
	461107	Heater Wiring Harness -115/230V	536.73	644.93
	42001-0105S	120/240 Volt Plug Kit	87.04	104.59
	461101	Pro Service Package - Electrical System Parts (Includes items in a reusable hardcase, #3, #5 qty(2), #6 qty(2), #7 qty(2), #9 qty(3), #12, #16, not shown water pressure switch)	793.22	953.13
	476150Z	Rodent Resistant Exhaust Insert	33.89	40.72
	462037Z	Rodent Resistant Manifold Insert	33.98	40.83

MASTERTEMP® 125 HEATER

WATER SYSTEM REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
		WATER SYSTEM		
1	474971	Tube Sheet Coil Assembly Kit - Includes Item #3. (NA, LP Series)	1465.96	1761.50
2	474972	Manifold Kit (Includes Item #3, #4, #5, #6, #7, #9, #10, & #11; Item #8 and #13 not included)	490.23	589.06
3	474973	Coil/Tubesheet Sealing O-Ring Kit	68.57	82.39
4	476195	Manifold Bottom Plate	40.79	49.01
6	476197	Manifold Baffle Plate	29.36	35.28
7	476198	Manifold Bypass Valve	52.89	63.55
8	42001-0060S	Water Pressure Switch	133.13	159.97
9		Manifold *		
10		5/16" Washer, S.S. *		
11		5/16 x 18 x 2-3/4" Hex Cap Screw *		
12	474989	Thermal Regulator	97.99	117.74
13	473715Z	Pressure Relief Valve (Recommended-Purchased Separately)	254.41	305.70
14	474974	Union 1-1/2" Kit	112.75	135.48

Note: Kits include: O-Rings, Insulation, Igniter and Blower Gaskets.

* Not available separately. See item #2.

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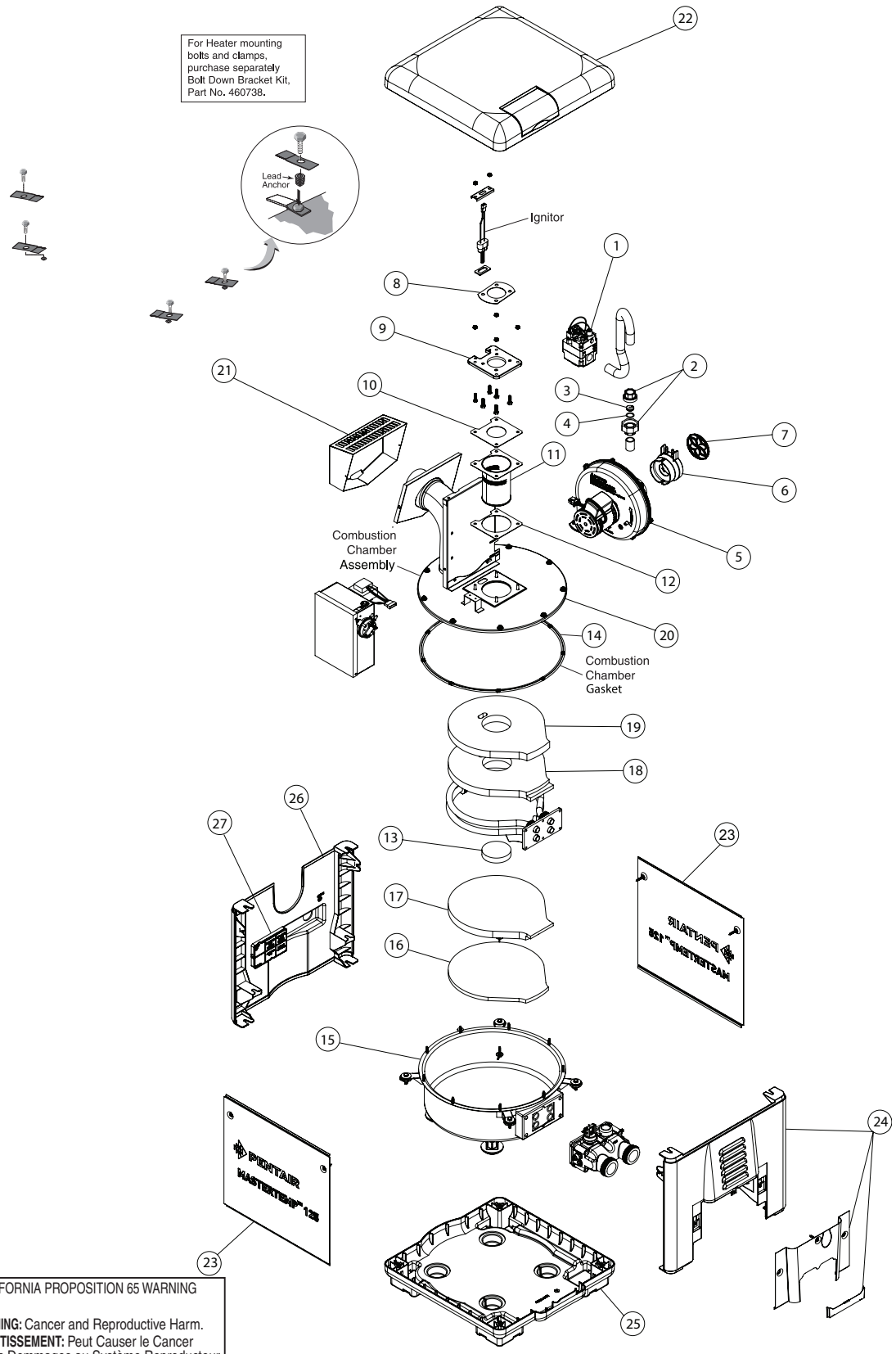
MASTERTEMP® 125 HEATER (CONT'D)

BURNER SYSTEM REPLACEMENT PARTS



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MASTERTEMP® 125 HEATER (CONT'D)

BURNER SYSTEM REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List	Qty.
BURNER SYSTEM					
1	42001-0051S	Combination Gas Control Valve Kit	707.31	849.90	1
2	38404-4097S	3/4 in. Union	58.00	69.69	2
5	474978	Air Blower Kit – Natural Gas	1225.73	1472.84	1
5	474977	Air Blower Kit - Propane	1225.73	1472.84	1
6	474979	Air Orifice Kit (Incl. Item Nos. 6, 7)	69.65	83.69	1
14	474952	Combustion Chamber Gasket Kit	73.50	88.32	1
15	474990	One Piece Metal Chamber/Combustion Chamber Assembly	637.40	765.90	1
20	474958	One Piece Metal Elbow/Combutsion Chamber Cover Assembly, 9-Bolt	781.40	938.93	1
21	42002-0005S	Metal Vent Cover	212.88	255.80	1
22	42002-0034Z	Heater Top	567.91	682.40	1
23	474991	Side Panel (Service Panel)	196.07	235.60	1
24	474992	Side Panel (Manifold)	279.42	335.75	1
25	42002-0031Z	Heater Bottom	261.18	313.83	1
26	474993	Side Panel (Flue Stack)	230.37	276.81	1
27	42002-0041Z	J Box Cover	29.02	34.87	1
28	474292	11 ea clips, 11 ea screws, 8 wing nuts	36.25	43.56	1

Item	Part No.	Description	US List	Can. List	Qty.
NOT SHOWN					
	474981	Gas Orifice Kit - NG (Incl. Item Nos. 3 and 4) **	73.50	88.32	1
	474980	Gas Orifice Kit - Propane (Incl. Item Nos. 3 and 4) **	73.50	88.32	1
	461063	NG to Propane Conversion Kit (Incl. Item Nos. 3 and 4) **	97.99	117.74	1
	461062	Gas Orifice Kit - Propane to NG Conversion Kit (Incl. Item Nos. 3 and 4) **	CALL	CALL	1
	77707-0011	Blower/Adapter Plate Gasket Kit (Incl. Item Nos. 8, 9, 10, 12)	104.88	126.02	1
	474994	Flameholder Kit (Incl. Item Nos. 10, 11, 12, 13)	245.10	294.51	1
	77707-0008	Insulation Kit (Incl. Item Nos. 13, 14, 16, 17, 18, 19)	253.96	305.16	1
	474845	Direct Air Intake Duct Kit (MasterTemp 125)	436.83	524.89	1
	462053	Accessories and Documents Bundle	CALL	CALL	

* Not available separately.

** Not included with heater. Order separately.

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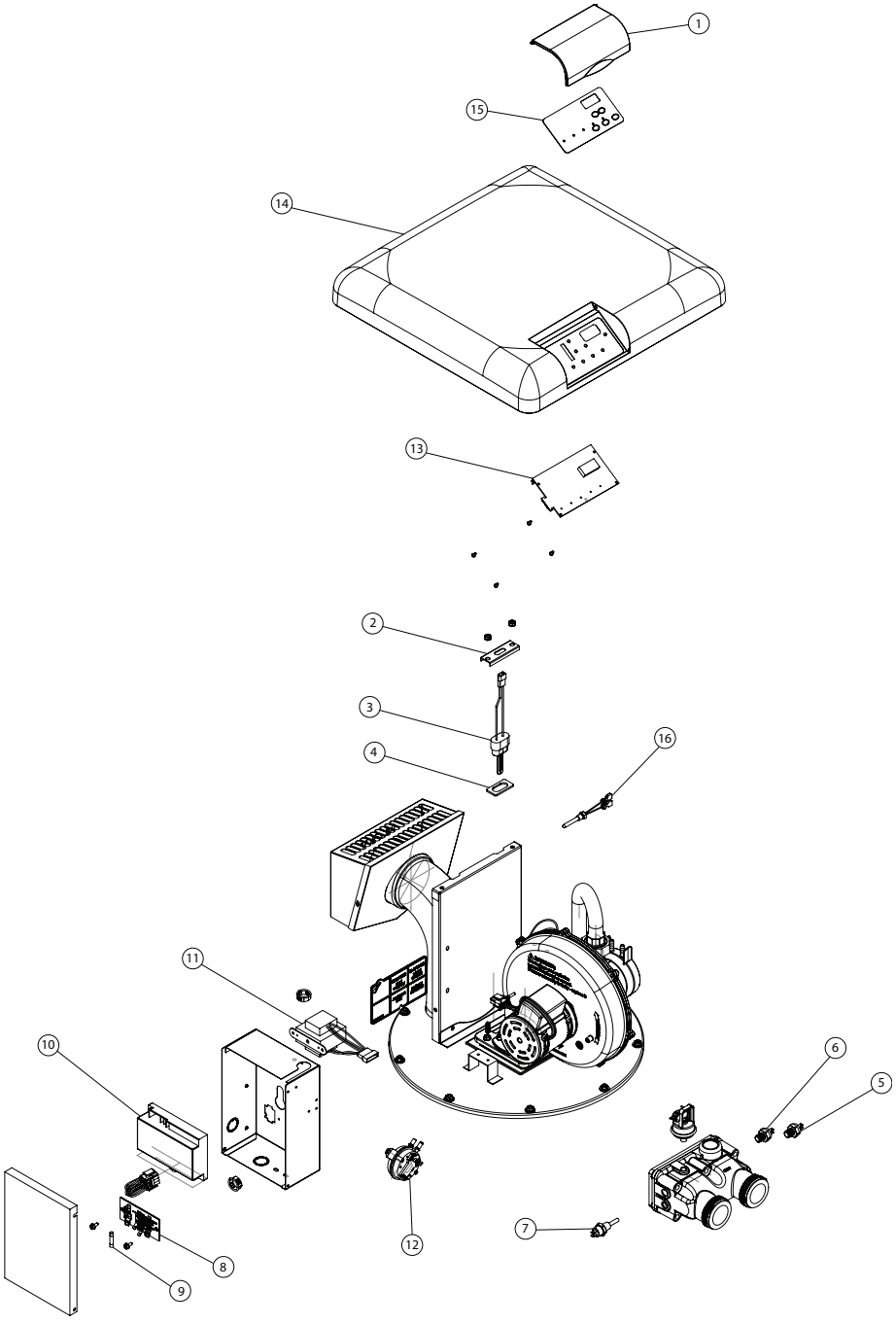
MASTERTEMP® 125 HEATER (CONT'D)

ELECTRICAL SYSTEM REPLACEMENT PARTS



CALIFORNIA PROPOSITION 65 WARNING

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MASTERTEMP® 125 HEATER (CONT'D)

ELECTRICAL SYSTEM REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
		ELECTRICAL SYSTEM		
1	42002-0035Z	Heater Display Cover	87.04	104.59
2	42001-0030S	Igniter Bracket	87.04	104.59
3	77707-0054	Igniter/Igniter Gasket Kit, Incl. Item Nos. 3 and 4)	134.88	162.07
4	42001-0066S	Igniter Gasket	87.04	104.59
5	42002-0025S	Automatic Gas Shutoff Switch (AGS)	82.96	99.68
6	42001-0063S	High Limit Switch	100.86	121.19
7	42001-0053S	Thermistor	128.84	154.81
8	42001-0056S	Terminal Board	87.04	104.59
9	32850-0099Z	Fireman's Switch Fuse (1.25A, 1-1/4 in.)	CALL	CALL
10	476223	Ignition Control Module	561.27	674.42
11	42001-0107Z	Transformer, 115/230V	92.76	111.46
12	42001-0061S	Air Flow Switch	223.09	268.06
13	461105	Control Board Kit (NA, LP Series)	1024.08	1230.53
14	42002-0034Z	Heater, Top	567.91	682.40
15	472610Z	Five Button Membrane Keypad - for heaters made before 5/5/2021	223.50	268.56
15	461106	Six Button Membrane Keypad - For heaters made after 5/6/2021	223.48	268.53
16	42002-0024S	Stack Flue Sensor	193.87	232.95
		NOT SHOWN		
	461107	Heater Wiring Harness -115/230V	536.73	644.93
	42001-0105S	120/240 Volt Plug Kit	87.04	104.59

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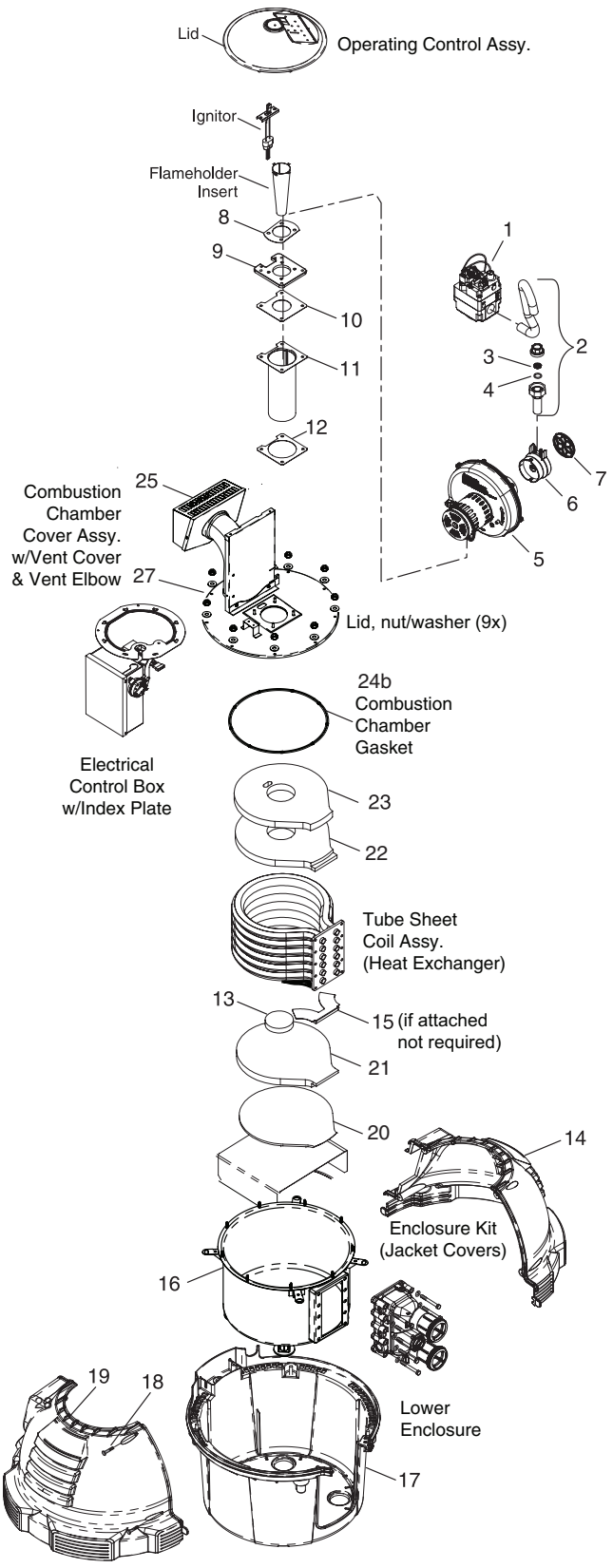
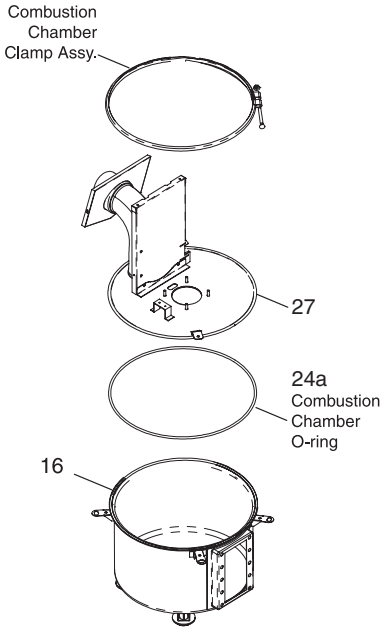
MAX-E-THERM® HEATER

BURNER SYSTEM REPLACEMENT PARTS



CLAMP LID TUB DESIGN



For heaters manufactured between 1/12/2009 and 10/31/2013 (clamp lid tub design)
Note: Kits also include, O-Ring and Silicon Tube.

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

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MAX-E-THERM® HEATER (CONT'D)

BURNER SYSTEM REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
		MAX-E-THERM BURNER SYSTEM		
1	42001-0051S	Combination Gas Control Valve Kit	707.31	849.90
2	38404-4097S	3/4 in. Union	58.00	69.69
5	77707-0251	Air Blower Kit, Natural - 200NA Model (Single Volt Blower Adapter Included)	1337.38	1607.00
5	77707-0252	Air Blower Kit, Natural - 333NA Model (Single Volt Blower Adapter Included)	1337.38	1607.00
5	77707-0253	Air Blower Kit, Natural - 400NA Model (Single Volt Blower Adapter Included)	1337.38	1607.00
5	77707-0254	Air Blower Kit, Propane - 200LP Model (Single Volt Blower Adapter Included)	1337.38	1607.00
5	77707-0255	Air Blower Kit, Propane - 333LP Model (Single Volt Blower Adapter Included)	1337.38	1607.00
5	77707-0256	Air Blower Kit, Propane - 400LP Model (Single Volt Blower Adapter Included)	1337.38	1607.00
14	77707-0002	Enclosure Kit, Upper Right-Hand	351.94	422.89
16	474095	One Piece Metal Chamber/ Combustion Chamber Assembly [2]	CALL	CALL
16	474957	One Piece Metal Chamber/ Combustion Chamber Assembly [1]	686.34	824.71
17	42001-0001S	Lower Enclosure	857.53	1030.41
19	77707-3200N	Enclosure Kit, Upper Left-Hand – Natural (200)	366.77	440.71
19	77707-3333N	Enclosure Kit, Upper Left-Hand – Natural (333)	367.75	441.89
19	77707-3400N	Enclosure Kit, Upper Left-Hand – Natural (400)	367.75	441.89
19	77707-3200L	Enclosure Kit, Upper Left-Hand – Propane (200)	367.75	441.89
19	77707-3333L	Enclosure Kit, Upper Left-Hand – Propane (333)	367.75	441.89
19	77707-3400L	Enclosure Kit, Upper Left-Hand – Propane (400)	CALL	CALL
24a	474201	Combustion Chamber O-Ring Kit [2]	CALL	CALL
24b	474952	Combustion Chamber O-Ring Kit [1]	73.50	88.32
27	474094	One Piece Metal Elbow/ Combustion Chamber Cover Assembly [2]	CALL	CALL
27	474958	One Piece Metal Elbow/ Combustion Chamber Cover Assembly [1]	781.40	938.93
28	42002-0005S	Metal Vent Cover	212.88	255.80
29	42001-0074S	Kit Lower Enclosure Insulation	89.18	107.16

Item	Part No.	Description	US List	Can. List
		NOT SHOWN		
	77707-0431	Gas Orifice Kit – Natural - 200 Model (Incl. 3 & 4) *	88.55	106.40
	77707-0421	Gas Orifice Kit – Natural - 333 Model (Incl. 3 & 4) *	88.55	106.40
	77707-0411	Gas Orifice Kit – Natural - 400 Model (Incl. 3 & 4) *	88.55	106.40
	77707-0461	Gas Orifice Kit – Propane - 200 Model (Incl. 3 & 4) *	88.55	106.40
	77707-0451	Gas Orifice Kit – Propane - 333 Model (Incl. 3 & 4) *	88.55	106.40
	77707-0441	Gas Orifice Kit – Propane - 400 Model (Incl. 3 & 4) *	88.55	106.40
	77707-1461	NG to Propane Conversion Kit – 200 Model (Incl. 3 & 4) *	91.55	110.01
	77707-1451	NG to Propane Conversion Kit – 333 Model (Incl. 3 & 4) *	91.55	110.01
	77707-1441	NG to Propane Conversion Kit – 400 Model (Incl. 3 & 4) *	91.55	110.01
	77707-1431	Propane to NG Conversion Kit – 200 Model (Incl. 3 & 4) *	91.55	110.01
	77707-1421	Propane to NG Conversion Kit – 333 Model (Incl. 3 & 4) *	91.55	110.01
	77707-1411	Propane to NG Conversion Kit – 400 Model (Incl. 3 & 4) *	91.55	110.01
	77707-0111	Air Orifice Kit - (Incl. 6 & 7, 200 Model Only)	106.51	127.98
	77707-0112	Air Orifice Kit - (Incl. 6 & 7, 333 Model Only)	106.51	127.98
	77707-0113	Air Orifice Kit - (Incl. 6 & 7, 400 Model Only)	106.51	127.98
	77707-0011	Blower/Adapter Plate Gasket Kit - (Incl. 8, 9, 10, & 12)	104.88	126.02
	77707-0202	Flameholder Kit - 200 Model (Incl. 10, 11, 12 & 13)	249.25	299.50
	77707-0203	Flameholder Kit - 333 Model (Incl. 10, 11, 12, 13, & Flameholder Insert)	280.40	336.93
	77707-0204	Flameholder Kit - 400 Model (Incl. 10, 11, 12, 13, & Flameholder Insert)	327.12	393.07
	42001-0074S	Lower Enclosure Insulation	89.18	107.16
	77707-0008	Insulation Kit (Incl. 13, 15, 20, 21, 22, 23, 24, 25, 26)	253.96	305.16
	77707-0112	Air Orifice Kit 333 Model	106.51	127.98
	77707-0113	Air Orifice Kit 400 Model	106.51	127.98
	461100	Pro Service Package - Master Commonly replaced items in a reusable hardcase	1824.41	2192.21
	475265	Rodent Resistant Air Orifice Protection Cap	117.17	140.79
	42001-0085S	Bolt Down Kit	87.04	104.59

* Not included with heater. Order separately.
[1] For Heaters Manufactured after 11/16/13 (New 9-Bolt Lid Tub Design).
[2] For Heaters Manufactured after 1/12/09 (Clamp Lid Tub Design).
Note: Kits include Clamp assembly, O-ring and silicone tube.

CALIFORNIA PROPOSITION 65 WARNING

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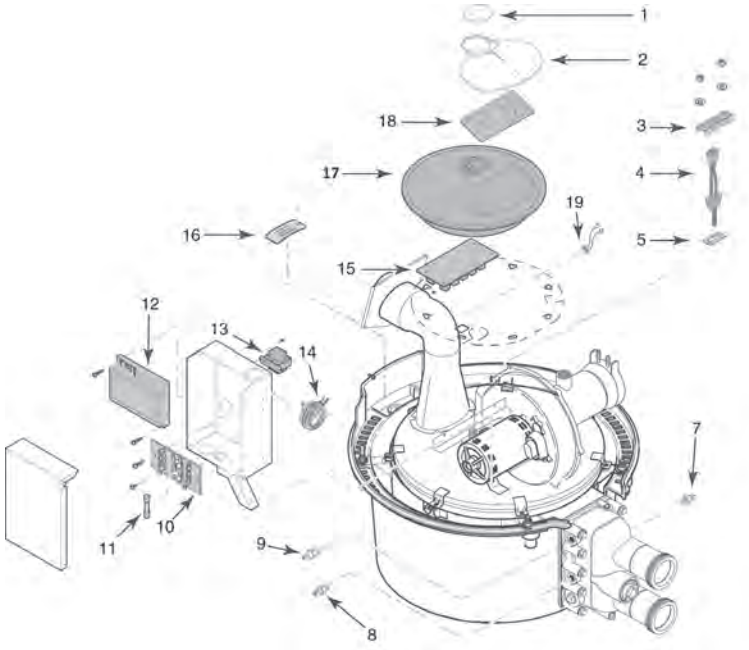
MAX-E-THERM® HEATER

ELECTRICAL SYSTEM REPLACEMENT PARTS



Item	Part No.	Description	Qty.	US List	Can. List
MAX-E-THERM ELECTRICAL SYSTEM					
1	77707-0009	Display Cover Retainer Cap Kit, Cap and CPSC Warning Label	1	116.09	139.49
2	42001-0008S	Heater Display Cover	1	65.25	78.40
3	42001-0030S	Igniter Bracket	1	87.04	104.59
4	77707-0054	Igniter/Igniter Gasket Kit (Incl. Key Nos. 4 and 5)	1	134.88	162.07
5	42001-0066S	Igniter Gasket	1	87.04	104.59
7	42002-0025S	Automatic Gas Shutoff Switch (AGS)	1	82.96	99.68
8	42001-0063S	High Limit Switch	1	100.86	121.19
9	42001-0053S	Thermistor	1	128.84	154.81
10	42001-0056S	Terminal Board	1	87.04	104.59
11	32850-0099Z	Fireman's Switch Fuse (1.25A, 1-1/4 in.)	1	CALL	CALL
12	476223	Ignition Control Module	1	561.27	674.42
13	42001-0107Z	Transformer, 115/230V	1	92.76	111.46
14	42001-0061S	Air Flow Switch	1	223.09	268.06
15	461105	Control Board Kit (NA, LP Series)	1	1024.08	1230.53
16	77707-0022	Junction Box Cover Kit	1	87.04	104.59
17	77707-0013	Enclosure for Control Board (Incl. #17, 18)	1	438.03	526.34

Item	Part No.	Description	Qty.	US List	Can. List
18	472610Z	Five Button Membrane Keypad - for heaters made before 5/5/2021	1	223.50	268.56
18	461106	Six Button Membrane Keypad - For heaters made after 5/6/2021	1	223.48	268.53
19	42002-0024S	Stack Flue Sensor	1	193.87	232.95
19b	42002-0009	Stack Flue Switch	1	CALL	CALL
NOT SHOWN					
	461107	Heater Wiring Harness - 115/230V	1	536.73	644.93
	42001-0105S	120/240 Volt Plug Kit	1	87.04	104.59
	42002-0009	Temp Probe		CALL	CALL
	461101	Pro Service Page - Electrical Parts (includes items in a reusable hardcase: 4, 7 qty (2), 8 qty (2), 9 qty (2), 11 qty (3), 14, 19, not shown water pressure switch		793.22	953.13

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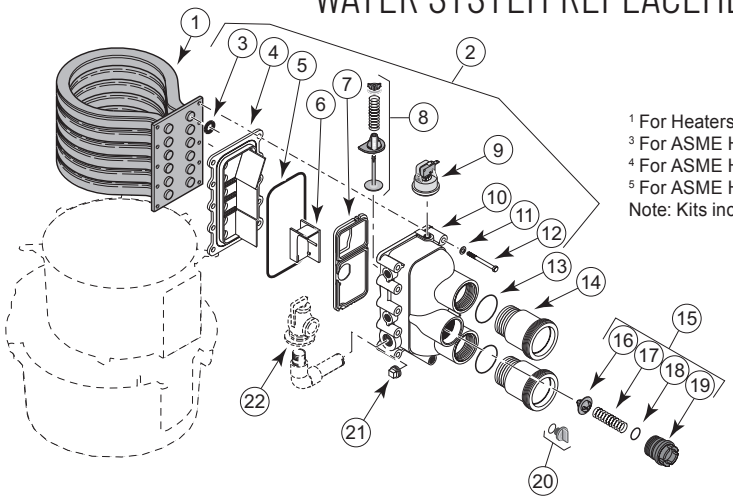
* For single voltage wire harness heaters prior to 2004.

MAX-E-THERM® HEATER

WATER SYSTEM REPLACEMENT PARTS



[1] For Heaters Manufactured after 1/12/09
[3] For ASME Heaters Manufactured After 3/24/09 (Tub Design w/Clamp Ring).
[4] For ASME Heaters Manufactured Prior to 10/2012 (Old Header Design).
[5] For ASME Heaters Manufactured After 11/16/13 (New 9-Bolt Tub Design).
Note: Kits include Clamp, O-rings, Insulation, Igniter and Blower Gaskets.

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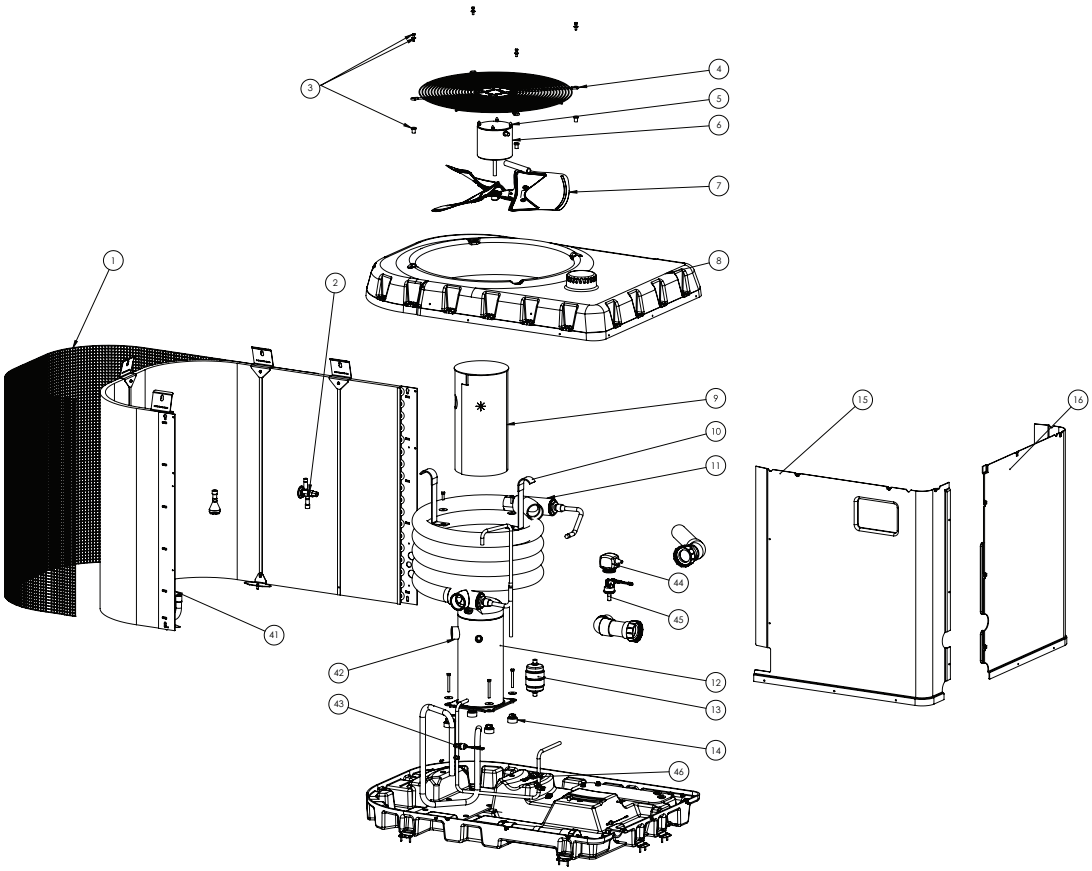
Item	Part No.	Description	US List	Can. List
		MAX-E-THERM WATER SYSTEM		
1	474058	Tube Sheet Coil Assembly Kit (NA, LP Series) (Incl. No. 3) - 200 Models [1]	1467.25	1763.05
1	474060	Tube Sheet Coil Assembly Kit (NA, LP Series) (Incl. No. 3) - 333 Models [1]	2031.58	2441.15
1	474061	Tube Sheet Coil Assembly Kit (NA, LP Series) (Incl. No. 3) - 400 Models [1]	2426.58	2915.78
1	474062	Tube Sheet Coil Assembly Kit (HD Series) (Incl. No. 3) - 200 Models [1]	2843.99	3417.34
1	474064	Tube Sheet Coil Assembly Kit (HD Series) (Incl. No. 3) - 333 Models [1]	3319.54	3988.76
1	474065	Tube Sheet Coil Assembly Kit (HD Series) (Incl. No. 3) - 400 Models [1]	3657.12	4394.40
2	77707-0014	Manifold Kit (Incl. Nos. 3–14, 20–21, and 7–9 in "Electrical System" (Page 300) - 200 Models	1036.76	1245.77
2	77707-0015	Manifold Kit (Incl. Nos. 3–14, 20–21, and 7–9 in "Electrical System" (Page 300) - 333 Models	1036.76	1245.77
2	77707-0016	Manifold Kit (Incl. Nos. 3–14, 20–21, and 7–9 in "Electrical System" (Page 300) - 400 Models	1036.76	1245.77
2	474200	Basic Manifold Kit (Incl. Nos. 3, 10–14)	330.79	397.48
3	77707-0117	Coil/Tubesheet Sealing O-Ring Kit - 200 Model (6)	126.00	151.40
3	77707-0118	Coil/Tubesheet Sealing O-Ring Kit - 333 Model (10)	87.04	104.59
3	77707-0119	Coil/Tubesheet Sealing O-Ring Kit - 400 Model (12)	87.04	104.59
8	77707-0001	Manifold Bypass Valve Package	92.26	110.86
9	42001-0060S	Water Pressure Switch	133.13	159.97
13	U9-266	O-Ring	CALL	CALL

Item	Part No.	Description	US List	Can. List
14	77707-0017	Connector Tube Kit (Includes 1 Connector Tube and 1 O-Ring)	88.48	106.32
15	77707-0010	Thermal Regulator Kit (Incl. Key 16-19 and Spring Clip)	168.52	202.49
16	38000-0007S	Thermal Regulator (Includes Spring Clip)	116.09	139.49
20	U178-920PZ	Drain Plug	8.07	9.70
22	473715Z	Kit Pressure Relief Valve	254.41	305.70
23	PKG 188Z	2 in. Union Adapter Package (includes 2)	48.66	58.47
	461102	Pro Service Package - Water System Parts (Includes items in reusable hard case; #8, #9, #15, not shown - Thermistor qty(2), High Limit Switch qty(2), AGS Switch qty(2))	634.56	762.49
	462052	Accessories and Documents Bundle	CALL	CALL
		ASME KITS		
	472648Z	Bypass Access Plug (Old Header Design ASME)	599.44	720.29
	77707-0120	O-Ring Kit (Incl. Nos. 3, 5)	74.16	89.11
	474956	Heat Exchanger Kit [5] - 400 ASME	5007.41	6016.90
	460923	ASME Bypass Valve Kit[4] (Old Header Design)	519.72	624.50
	460924	Thermal Regulator Kit (incl. spring clip & install tools) (ASME) (Old Heater Design)[4]	253.96	305.16
	460941	Heat Exchanger Kit - 250 ASME[2]	CALL	CALL
	474097	Heat Exchanger Kit - 250 ASME[3]	CALL	CALL

ULTRATEMP ETi® HEATER

HIGH-PERFORMANCE HYBRID HEATER



Item	Part No.	Description	Qty.	US List	Can. List
ULTRATEMP 220 ETi REFRIGERATION SYSTEM					
1	473054Z	Coil Guard	1	293.81	353.04
2	476105Z	Thermostatic Expansion Valve	1	180.85	217.31
3	470441	Fan Guard Fastener Kit	1	12.39	14.89
4	473786Z	Fan Guard	1	248.08	298.09
5	470439Z	Nut, #10-32 SS Acorn	1	11.69	14.05
6	473785	Fan Motor with Acorn Nut Kit	1	605.39	727.44
7	473783Z	Fan Blade	1	CALL	CALL
8	475938Z	Hybrid Lid Almond	1	600.44	721.49
9	475230Z	Compressor Blanket	1	138.35	166.24
10	475948Z	Titanium Heat Exchanger Tie Down Bracket	1	58.44	70.22
11	475949Z	Titanium Heat Exchanger	1	CALL	CALL

Item	Part No.	Description	Qty.	US List	Can. List
12	473735Z	Compressor, ZP70 (FG UNITS BUILT BEFORE 12/14/20)		3754.64	4511.58
12	476229Z	Compressor, ARA072KA (FG UNITS BUILT ON AND AFTER 12/14/20)		4254.41	5112.10
13	473121Z	Drier Single Direction	1	149.51	179.65
14	476232Z	Compressor Isolation Kit	1	41.60	49.99
15	475939Z	Control/HP Panel Almond		CALL	CALL
15	476069Z	Control/HP Panel Black		CALL	CALL
16	475940Z	Gas Panel Almond		366.70	440.63
16	476070Z	Gas Panel Black		366.70	440.63
*	476254	Thermal Protection Switch (For ARA072KA Compressors)		29.69	35.68

* Not shown

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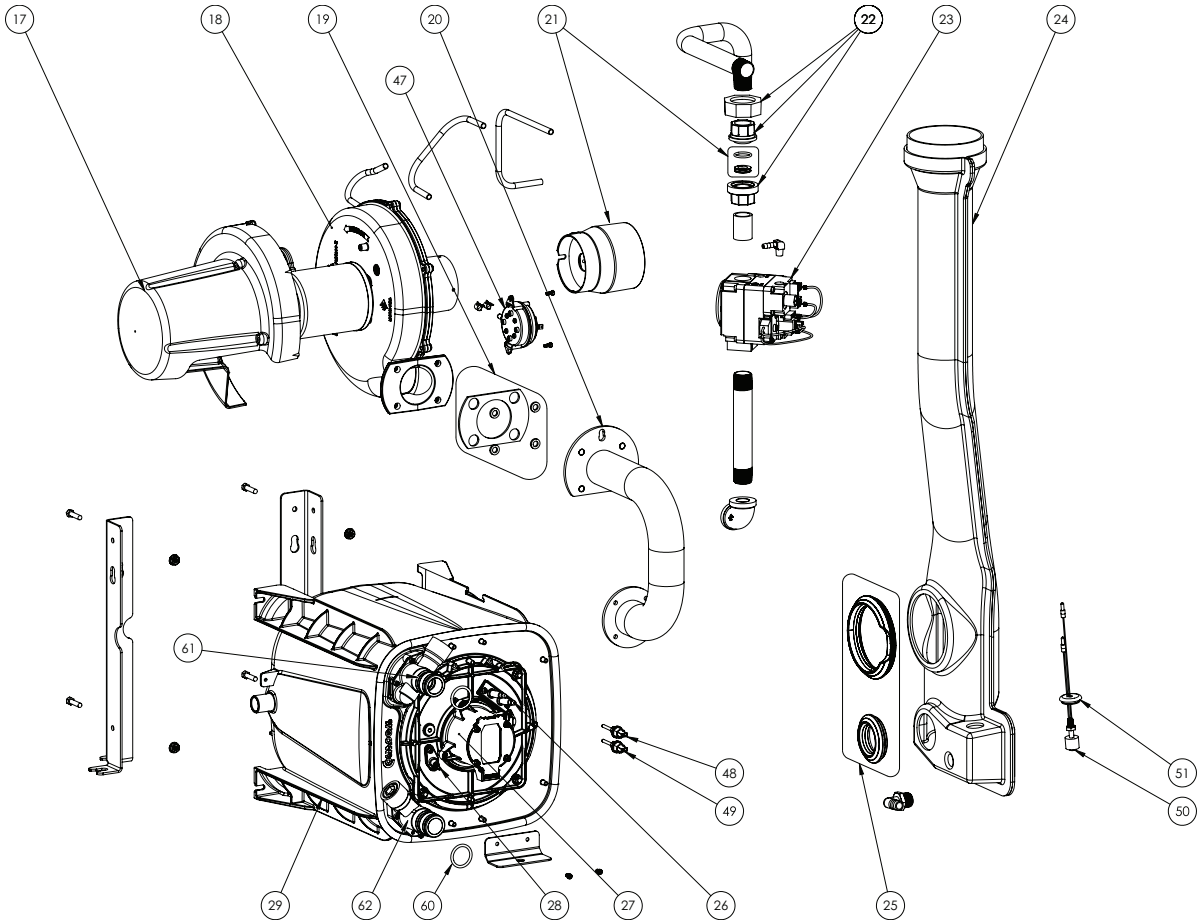
ULTRATEMP ETi® HEATER (CONT'D)

HIGH-PERFORMANCE HYBRID HEATER



Item	Part No.	Description	Qty.	US List	Can. List
ULTRATEMP 220 ETi GAS SYSTEM					
17	475918Z	Blower Shield Cap	82.07	98.62	94.91
18	474285Z	Blower	400.25	480.94	464.14
19	475902Z	Air Manifold to Blower Gasket Kit	32.40	38.93	37.47
20	475899Z	Air Manifold	552.89	664.35	639.42
21		Orifice Kit, Natural Gas			
21		Orifice Kit, Propane			
22	38404-4097S	3/4 in. Union	58.00	69.69	67.28
23		Gas Valve			
24	475900Z	Exhaust	1187.67	1427.10	1373.54
25	475877	Exhaust Gasket Kit (2 Pieces)	35.44	42.58	40.99
26	476081Z	Gas Engine Spark Electrodes	208.90	251.01	242.24
28	462023Z	Flame Sensor	72.10	86.64	CALL
61	462066	Kit Inlet Hybrid Exch	291.67	350.47	157.18
62	462067	Kit Outlet Hybrid Exch	291.67	350.47	157.18

Item	Part No.	Description	Qty.	US List	Can. List
ULTRATEMP 220 ETi GAS SYSTEM					
*	475615Z	Gas Heat Exchanger Gasket Service Kit	1	528.15	634.63
*	475606	Gas Heat Exchanger Hardware Kit	1	114.91	138.08
*	475943	Pressure Relief Valve Kit	1	318.60	382.83
	475954Z	Condensate Neutralizer Kit		363.48	436.76

* Not shown

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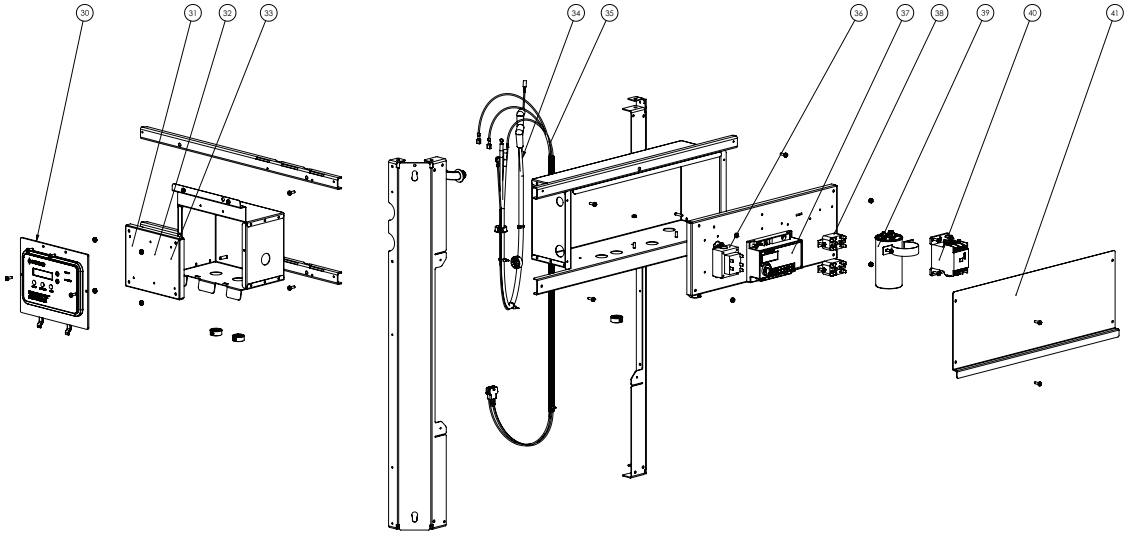
ULTRATEMP ETi® HEATER (CONT'D)

HIGH-PERFORMANCE HYBRID HEATER



Item	Part No.	Description	Qty.	US List	Can. List
ULTRATEMP 220 ETi ELECTRICAL SYSTEM					
30	475957Z	Bezel, Control Board, and Label Kit	1	775.64	932.01
31	475928Z	Wire Harness, Gas Inputs	1	142.58	171.32
32	475929Z	Wire Harness, Heat Pump Inputs	1	82.07	98.62
33	475930Z	Wire Harness, Outputs	1	181.47	218.05
34	476450Z	Wire Harness, Spark Plugs		92.89	111.62
35	475931Z	Wire Harness, Gas Blower	1	28.08	33.74
36	473155Z	Transformer	1	255.90	307.49
37	475933Z	Ignition Control Module	1	818.72	983.77
38	473150Z	Relay, Fan and Gas	1	175.12	210.42
39	473731Z	Dual Capacitor with Bracket	1	CALL	CALL
40	473149	Contactor Compressor/ Input Power	1	275.54	331.09
41	475905Z	Cover Panel, High Voltage Box		132.98	159.79
42	474237Z	Compressor Harness Clip	1	13.52	16.25
43	473656Z	Switch, Low Refrigerant Pressure	1	180.66	217.08
44	473606Z	Water Pressure Switch Boot	1	10.46	12.57
45	475956Z	Water Pressure Switch	1	73.27	88.04
46	473744Z	Switch, High Refrigerant Pressure		147.48	177.21

Item	Part No.	Description	Qty.	US List	Can. List
47	475987	Air Pressure Switch		132.98	159.79
48	476118Z	Thermal Fuse		106.20	127.61
49	475601Z	Stack Flue Sensor		CALL	CALL
50	475901Z	Condensate Float Switch	1	62.43	75.02
51	475911Z	Condensate Float Switch Bushing	1	19.98	24.01
52	475941	Switch, Automatic Gas Shutoff, 140° F		60.29	72.44
53	475955Z	Switch, High Limit, 127° F		56.01	67.30
54	471566Z	Probe, Thermistor Water Temperature		85.08	102.23
*	475927Z	Wire Harness, High Voltage		90.74	109.03
*	475932Z	Compressor Harness, Hybrid (For ZP70 Compressor)		60.49	72.68
*	476234Z	Compressor Harness, Hybrid (For ARA072KA Compressor)		CALL	CALL

* Not shown

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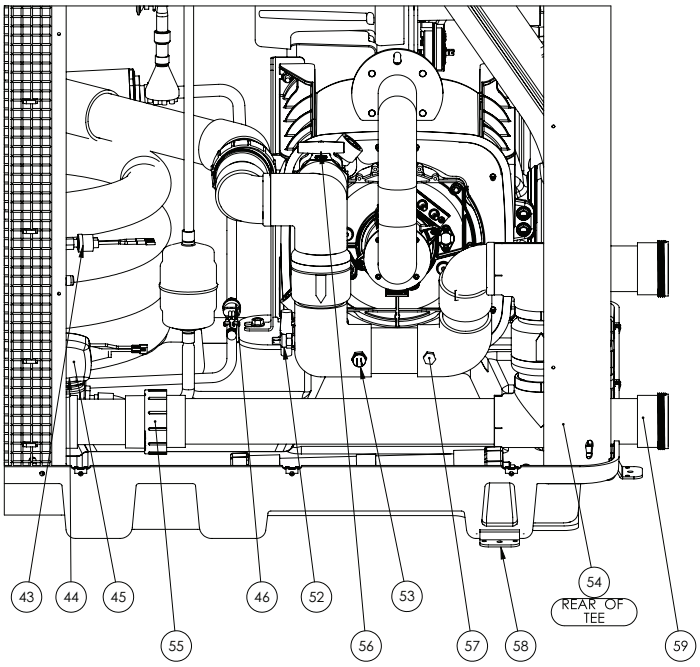
ULTRATEMP ETi® HEATER (CONT'D)

HIGH-PERFORMANCE HYBRID HEATER



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Item	Part No.	Description	Qty.	US List	Can. List
		ULTRATEMP 220 ETi PLUMBING/MISC.			
	473665Z	Probe Thermistor, Defrost Sensor	1	68.98	82.89
55	473381	Union PVC 2in	1	44.03	52.91
56	475953Z	QRC Clip	1	21.19	25.46
57	98218900	Drain Plug (1/4 NPT)	1	10.34	12.42
59	476032Z	Water Management Assembly	1	1409.14	1693.22
60	475912Z	Gas Engine Brass Ftg O-ring, -215 Silicone	1	15.06	18.10
*	470284	Nut, J Clip (Base)	1	4.86	5.84
*	470281Z	Nut, U Clip (Panels)	1	4.05	4.87
*	470159Z	Panel Screws, Phillips, Almond	1	2.07	2.49
*	470161	Lid Bracket Scews, Square Drive, Almond	1	2.07	2.49
*	476036Z	Union/Tie Down Kit (Includes 8X Item 58 and 2X Item 55)	1	431.22	518.15
*	474198Z	Panel Screws, Phillips, Black		2.96	3.56
*	474197	Lid Bracket Screws, Square Drive, Black		2.05	2.46
*	475943	Pressure Relief Valve Kit		318.60	382.83
*	473381	Union 2 in x 2 in, with O-Ring		44.03	52.91

* Not shown

ULTRATEMP® HEAT PUMP

460833, 460863, 460928, 460929, 460930, 460931, 460932, 460933, 460934, 460935, 460936, 460937, 460938, 460958, 460959, 460960, 460961, 460962, 460963, 460964, 460965, 460967, 462032 & 462033

REPLACEMENT PARTS

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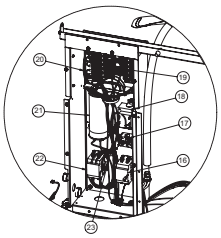
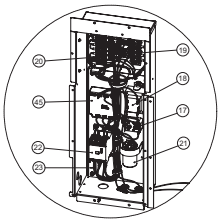
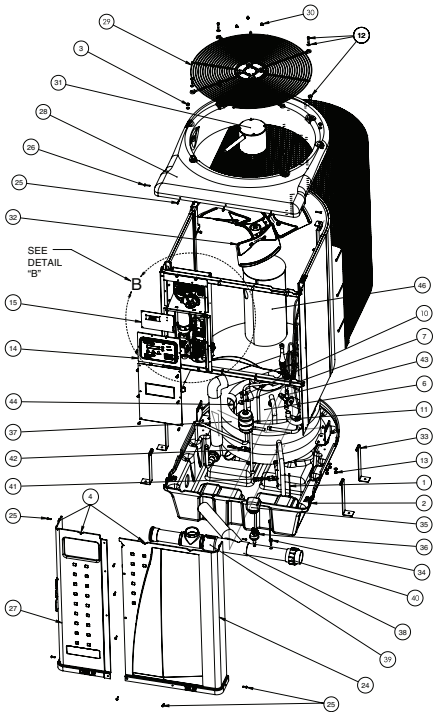


DETAIL B – Single Phase



DETAIL B – Three Phase



Item	Part No.	Description	US List	Can. List
		ULTRATEMP REPLACEMENT PARTS		
1	473665Z	PROBE THERMISTOR DEFROST SENSOR	68.98	82.89
2	470284	NUT, J-CLIP	4.86	5.84
3	473285Z	NUT, 1/4-20 SS ACORN	2.96	3.56
4	470281Z	NUT, U-CLIP	4.05	4.87
5	473732Z	CLIP, COMPRESSOR HARNESS RETENTION	153.25	184.15
5	476233Z	Wire Harness, Compressor (1PH-60HZ) (For ARA083KA, ARA072KA, ARA061KA, and ABG049KAC compressors)	221.25	265.85
5	474010	WIRE HARNESS, COMPRESSOR (3-PHASE MODELS)	159.23	191.33
6	473734Z	COMPRESSOR, SCROLL ZP83 (MODEL 120, 120HC, 140, 140 HC ONLY) FG UNITS BUILT BEFORE 12/21/20	4230.28	5083.10
6	473735Z	COMPRESSOR, SCROLL ZP70 (MODEL 110 ONLY) FG UNITS BUILT BEFORE 12/14/20	3754.64	4511.58
6	474011Z	COMPRESSOR, SCROLL ZP83 (3-PHASE MODEL 120C, 140C ONLY)	4215.34	5065.15
6	474241Z	COMPRESSOR, SCROLL ZP61 (MODEL 90 ONLY) FG UNITS BUILT BEFORE 1/6/21	4951.31	5949.49
6	474291Z	COMPRESSOR, SCROLL ZP49 (MODEL 70 ONLY) FG UNITS BUILT BEFORE 1/6/21	4223.19	5074.59
6	476230Z	COMPRESSOR, SCROLL ARA083KA (MODEL 120Q, 120HC, 140, 140 HC) FG UNITS BUILT ON AND AFTER 12/21/20 (ACTIVE DEFROST UNITS SWITCHED TO NEW COMPRESSOR ON 5/10/21)	3754.64	4511.58
6	476229Z	COMPRESSOR, SCROLL ARA072KA (MODEL 110 ONLY) FG UNITS BUILT ON AND AFTER 12/14/20	4254.41	5112.10
6	476228Z	COMPRESSOR, SCROLL ARA061KA (MODEL 90 ONLY) FG UNITS BUILT ON AND AFTER 1/6/21	2925.26	3514.99
6	476227Z	COMPRESSOR, SCROLL ABG049KAC (MODEL 70 ONLY) FG UNITS BUILT ON AND AFTER 1/6/21	3429.60	4121.01
7	473295Z	FENDER WASHER	2.05	2.46
8	476232Z	COMPRESSOR ISOLATION KIT, GROMMET AND SPACER 1 SET	41.60	49.99
9	473745Z	BOLT 5/16-18 x 2 in. SS	7.08	8.51
10	98219800	BOLT 5/16-18 x 1 in. SS	3.57	4.29
11	473121Z	DRIER (ALL MODELS EXCEPT 120HC, 140HC)	149.51	179.65
11	473139Z	DRIER (MODEL 120HC, 140HC)	450.15	540.90
12	470441	FAN GUARD FASTENER KIT	12.39	14.89

ULTRATEMP® HEAT PUMP (CONT'D)

Item	Part No.	Description	US List	Can. List
13	071406Z	NUT, 1/4-20 HEX SS	CALL	CALL
14/15	472734	BEZEL, CONTRL BOARD & LABEL KIT	718.68	863.57
16	473603Z	PUMP CONTACTOR AUTOHEAT REPLACEMENT KIT (MODEL 70, 90, 110, 120, 120 H/C, 140, 140H/C)	521.71	626.89
17	473150Z	FAN RELAY	175.12	210.42
18	473155Z	TRANSFORMER	255.90	307.49
19	473422Z	WIRE HARNESS TERMINAL BLOCK-FAN, COMPRESSOR	131.82	158.39
20	473315Z	WIRE HARNESS, TERMINAL BLOCK-SENSORS	160.95	193.40
21	473731Z	CAPACITOR WITH BRACKET (MODEL 70, 90, 110, 120, 120Q, 120HC, 140, 140HC ONLY)	CALL	CALL
21	473154Z	CAPACITOR (3-PHASE MODEL 120C, 140C ONLY)	95.75	115.05
21	470146Z	CAPACITOR (MODEL 100I)	130.04	156.26
22	473149	CONTACTOR, HEAT PUMP (ALL SINGLE PHASE MODELS PRIOR TO 12/2014)	275.54	331.09
22	473778Z	CONTACTOR, HEAT PUMP (3-PHASE MODELS; ALL SINGLE PHASE MODELS POST 2014)	706.70	849.17
23	473423	WIRE HARNESS, MAIN (ALL SINGLE PHASE MODELS PRIOR TO 12/2014)	127.99	153.79
23	475112Z	WIRE HARNESS, MAIN (ALL SINGLE PHASE MODELS)	127.63	153.36
23	474021Z	WIRE HARNESS, MAIN (3-PHASE MODEL 120C, 140C ONLY)	233.07	280.06
24	473742Z	PANEL, FRONT RIGHT, 36 in. ALMD.	372.60	447.72
24	474194Z	PANEL, FRONT RIGHT, 36 in. BLACK	372.60	447.72
24	473412Z	PANEL, FRONT RIGHT (MODEL 70, 90, 90I ONLY)	320.34	384.92
24	474265Z	PANEL, FRONT RIGHT (MODEL 70 BLACK, 90 BLACK)	CALL	CALL
25	470159Z	SCREW #10 x .75 in. PAN HEAD PHILLIPS, ALMOND HEAD	2.07	2.49
25	474198Z	SCREW #10 x .75 in. PAN HEAD PHILLIPS, BLACK HEAD	2.96	3.56
26	470161	SCREW #10 x 1 in. BUTTON HEAD TORX, ALMOND HEAD	2.07	2.49
26	474197	SCREW #10 x 1 in. BUTTON HEAD TORX, BLACK HEAD	2.05	2.46
27	473755	PANEL, FRONT LEFT, W/ DECAL	394.15	473.61
27	474196	PANEL, FRONT LEFT, W/ DECAL, 36 in. BLACK	394.15	473.61
27	474203	PANEL, FRONT LEFT, W/ DECAL (MODEL 70, 90, AND 90I ONLY)	362.64	435.75
27	474267	PANEL, FRONT LEFT, W/ DECAL, 24 in. BLACK	362.62	435.72
28	473773Z	HP TOP, ALMOND	976.73	1173.64
28	474193Z	HP TOP, BLACK	674.74	810.77
28	475273Z	HP TOP, ALMOND (MODEL 120Q ONLY)	976.68	1173.58
28	475274Z	HP TOP, BLACK (MODEL 120Q ONLY)	976.68	1173.58

Item	Part No.	Description	US List	Can. List
29	473786Z	GUARD, FAN	248.08	298.09
30	470439Z	NUT, #10-32 SS ACORN	11.69	14.05
31	473785	FAN MOTOR W/ ACORN NUT KIT	605.39	727.44
31	474030Z	FAN MOTOR W/ ACORN NUT KIT (MODEL 90I ONLY)	838.14	1007.11
31	474323Z	FAN MOTOR W/ACORN NUT KIT (MODEL140 & 140HC ONLY)	634.60	762.54
32	473783Z	FAN BLADE (60 Hz)	288.61	346.79
32	474230Z	FAN BLADE (50 Hz)	413.03	496.30
32	474322Z	FAN BLADE (MODELS 140 & 140HC ONLY)	346.33	416.15
32	475271Z	FAN BLADE (MODEL 120Q ONLY)	346.33	416.15
33	470137Z	TIE DOWN BRACKET	31.22	37.51
34	471566Z	PROBE THERMISTER - WATER TEMPERATURE	85.08	102.23
35	473606Z	WATER PRESSURE SWITCH BOOT	10.46	12.57
36	473605Z	WATER PRESSURE SWITCH	119.92	144.10
37	473992	TITANIUM HEAT EXCHANGER (FOR ALL MODELS BUILT PRIOR TO JAN 2017, EXCEPT MODELS 100I, 90I, 90, 70)	4959.85	5959.76
37	472736	TITANIUM HEAT EXCHANGER (FOR MODELS 100I & 90 ONLY, UNITS BUILT PRIOR TO JAN 2017	4985.35	5990.40
37	475193Z	TITANIUM HEAT EXCHANGER (FOR ALL MODELS EXCEPT 70, UNITS BUILT AFTER JAN 2017)	3651.73	4387.92
37	475219Z	TITANIUM HEAT EXCHANGER (FOR MODEL 70 ONLY, UNITS BUILT AFTER JAN 2017)	3456.55	4153.39
38	473774Z	WATER BYPASS MANIFOLD W/ 2 STREET ELBOWS (PRIOR TO JAN. 2017)	765.38	919.68
38	475176Z	WATER MANIFOLD BYPASS KIT	549.38	660.14
40	473381	UNION PVC 2 in.	44.03	52.91
41	473656Z	SWITCH, LOW PRESSURE (ALL MODELS EXCEPT 140 H/C AD)	180.66	217.08
41	476093Z	SWITCH, LOW PRESSURE (UT140 H/C AD)	129.59	155.72
42	473744Z	SWITCH, HIGH PRESSURE	147.48	177.21
43	473787Z	THERMOSTATIC EXPANSION VALVE (MODEL 120, 120C, 120Q, 90I)	388.89	467.29
43	473999Z	THERMOSTATIC EXPANSION VALVE (MODEL 120HC, 110)	388.89	467.29
43	474242Z	THERMOSTATIC EXPANSION VALVE (MODEL 70, 90)	CALL	CALL
43	474327Z	THERMOSTATIC EXPANSION VALVE (MODELS 140, 140HC)	390.68	469.44
43	476094Z	Thermostatic Expansion Valve (Model 140 H/C AD)	367.29	441.34
44	475194Z	TITANIUM WATER COIL TIE DOWN, RIGHT SIDE	44.08	52.97
44	475195Z	TITANIUM WATER COIL TIE DOWN, LEFT SIDE	44.08	52.97
45	474089Z	PHASE MONITOR	390.15	468.80
46	475230Z	COMPRESSOR BLANKET	138.35	166.24

CALIFORNIA PROPOSITION 65 WARNING

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ULTRATEMP® HEAT PUMP (CONT'D)

Item	Part No.	Description	US List	Can. List
		NOT SHOWN		
	473135Z	REVERSING VALVE (Model 120HC, 140HC) HEAT COOL ONLY	909.71	1093.11
	473432Z	REVERSING SOLENOID (Model 120HC, 140HC) HEAT COOL ONLY	333.30	400.49
	474270Z	TITANIUM COIL WATER SIDE REPAIR KIT (FOR HEAT EXCHANGER BUILT PRIOR TO JAN. 2017)	151.31	181.81
	474237Z	COMPRESSOR HARNESS CLIP	13.52	16.25
	461030Z	WATER UNION & TIE DOWN KIT	114.96	138.14
	474321Z	3 IN. RECEIVER (MODEL 140, 140HC)	366.26	440.10

Item	Part No.	Description	US List	Can. List
		NOT SHOWN		
	473054Z	COIL GUARD	293.81	353.04
	475232Z	MALE HOSE BARB 5/8' X 1/2 " NPT	8.80	10.57
	472409Z	COREMAX VALVE CORE	CALL	CALL
	071426Z	O-RING FOR UNION	2.57	3.09
	476422Z	HARD START CAPACITOR KIT	144.31	173.40
	476352Z	Bracket, Top (For Model 120Q only)	66.60	80.03
	476254	Thermal Protection Switch (For ARA083KA, ARA072KA, ARA061KA, and ABG049KAC compressors)	29.69	35.68

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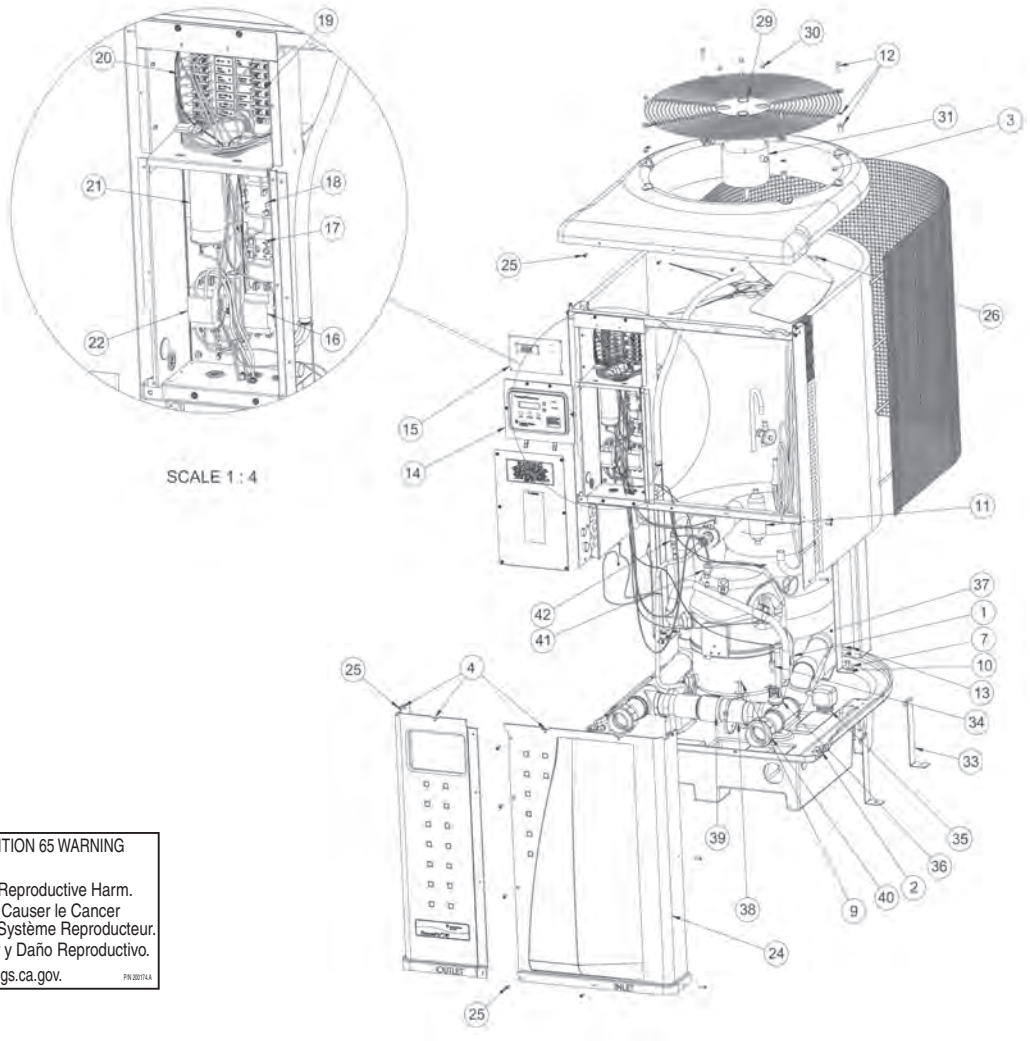
www.p65warnings.ca.gov. P/N 20174.A

THERMALFLO™ HEAT PUMP TITANIUM

460912, 460913, 460914, 460915, & 460922

REPLACEMENT PARTS



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THERMALFLO™ HEAT PUMP TITANIUM (CONT'D)

REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
THERMALFLO HP TITANIUM				
1	473665Z	Probe Thermister Defrost Sensor	68.98	82.89
2	470284	Nut, J-Clip	4.86	5.84
3	473285Z	Nut, 1/4-20 SS Acorn	2.96	3.56
4	470281Z	Nut, U-Clip	4.05	4.87
7	473295Z	Fender Washer	2.05	2.46
9	473294Z	Bolt 5/16-18 x 1-3/4 in. SS	2.05	2.46
10	98219800	Bolt 5/16-18 x 1 in. SS	3.57	4.29
11	473121Z	Drier (Model # 500, 700, 900, 1200)	149.51	179.65
11	473139Z	Drier, Reversible (Model # 1200R)	450.15	540.90
12	470441	Fan Guard Fastener Kit	12.39	14.89
13	071406Z	Nut, 1/4-20 Hex SS	CALL	CALL
14	473693	Bezel, Control Board w/ Label	275.95	331.58
15	472734	Control Board Assembly	718.68	863.57
16	473603Z	Pump Contactor AutoHeat	521.71	626.89
17	473150Z	Fan Relay	175.12	210.42
18	473155Z	Transformer	255.90	307.49
19	473422Z	Wire Harness Terminal Block - Fan, Compressor	131.82	158.39
20	473315Z	Wire Harness, Terminal Block - Sensors	160.95	193.40
21	470146Z	Capacitor	130.04	156.26
22	473149	Contactor, Heat Pump	275.54	331.09
24	473412Z	Panel, Front Right (Model# 500, 700)	320.34	384.92
25	470159Z	Screw #10 x 3/4 in. Pan Head Phillips, Almond Head	2.07	2.49
26	470161	Screw #10 x 1 in. Button Head Torx, Almond Head	2.07	2.49
29	473368	Guard, Fan	180.42	216.79
30	470439Z	Nut, 10-32 SS Acorn	11.69	14.05
31	470289	Fan Motor w/ Acorn nut Kit	458.54	550.98
33	470137Z	Tie Down Bracket	31.22	37.51
34	471566Z	Probe Thermister - Water Temperature	85.08	102.23
35	473606Z	Water Pressure Switch Boot	10.46	12.57
36	473605Z	Water Pressure Switch	119.92	144.10
37	472736	Titanium Heat Exchanger (Model# 700, 900, 1200, 1200R)	4985.35	5990.40
38	473774Z	Water Bypass Manifold [1]	765.38	919.68
40	473381	Union PVC 2 in.	44.03	52.91
41	473656Z	Switch, Low Pressure	180.66	217.08
42	473655	Switch, High Pressure	181.15	217.67
NOT SHOWN				
	473135Z	Reversing Valve (Model # 1200R)	CALL	CALL
	473432Z	Reversing Solenoid (Model # 1200R) [2]	333.30	400.49

[1] For units manufactured after 7/1/09.

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NOTES:

PENTAIR POOL

LIGHTING PARTS

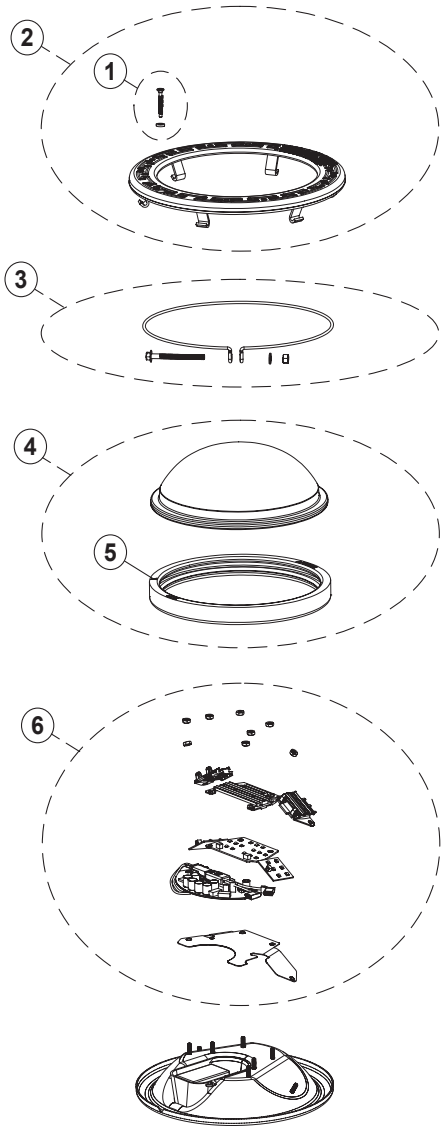
Product Catalog 2025–2026

Updated June 2025

INTELLIBRITE® ARCHITECTURAL SERIES

12V POOL LIGHTING REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
INTELLIBRITE ARCHITECTURAL SERIES 12V POOL & SPA LIGHTING				
1	79104800z	Pilot Screw, Brass	7.18	8.63
1	619355z	Pilot Screw, Stainless	7.18	8.63
2	79110600	Face Ring Kit	169.71	203.92
3	79111000	Wire Clamp Kit	101.30	121.72
4	602168	Lens Kit	144.31	173.40
5	620400z	Gasket	80.99	97.32
6	618091z	LED Board Kit, 300W White	1039.00	1248.46
6	618090z	LED Board Kit, 500W White	1154.44	1387.18
6	618092z	LED Board Kit, Color	1298.75	1560.58
6	618137z	LED Board Kit, RGB/Royal Blue	1298.75	1560.58
6	618135z	LED Board Kit, Warm White	1154.44	1387.18
6	618136z	LED Board Kit, Turtle	1154.44	1387.18
—	618085	Fuse Assembly	28.86	34.68
—	See Below	Light Assembly	CALL	CALL



Model	Watts	Cord Length
WHITE LIGHT ASSEMBLY		
602143	300W	30 ft. (9.2 m)
602144	300W	50 ft. (15.2 m)
602145	300W	100 ft. (30.5 m)
602146	300W	150 ft. (45.7 m)
602139	500W	30 ft. (9.2 m)
602140	500W	50 ft. (15.2 m)
602141	500W	100 ft. (30.5 m)
602142	500W	150 ft. (45.7 m)

Model	Cord Length
WARM WHITE / TURTLE LIGHT ASSEMBLY	
602147	30 ft. (9.2 m)
602148	50 ft. (15.2 m)
602149	100 ft. (30.5 m)
602150	150 ft. (45.7 m)
602236 (Turtle)	150 ft. (45.7 m)

Model	Cord Length
COLOR LIGHT ASSEMBLY	
602151	30 ft. (9.2 m)
602152	50 ft. (15.2 m)
602153	100 ft. (30.5 m)
602154	150 ft. (45.7 m)

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INTELLIBRITE® ARCHITECTURAL SERIES

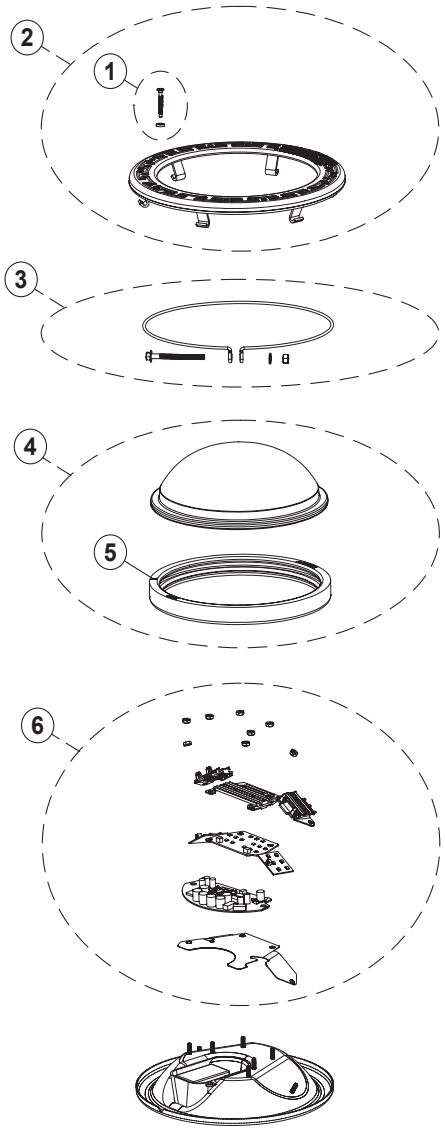
120V POOL LIGHTING REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
INTELLIBRITE ARCHITECTURAL SERIES 120V POOL & SPA LIGHTING				
1	79104800z	Pilot Screw, Brass	7.18	8.63
1	619355z	Pilot Screw, Stainless	7.18	8.63
2	79110600	Face Ring Kit	169.71	203.92
3	79111000	Wire Clamp Kit	101.30	121.72
4	602168	Lens Kit	144.31	173.40
5	620400z	Gasket	80.99	97.32
6	618091z	LED Board Kit, 300W White	1039.00	1248.46
6	618090z	LED Board Kit, 500W White	1154.44	1387.18
6	618092z	LED Board Kit, Color	1298.75	1560.58
6	618137z	LED Board Kit, RGB/Royal Blue	1298.75	1560.58
6	618135z	LED Board Kit, Warm White	1154.44	1387.18
6	618136z	LED Board Kit, Turtle	1154.44	1387.18
—	See Below	Light Assembly	CALL	CALL

Model	Watts	Cord Length
WHITE LIGHT ASSEMBLY		
602181	300W	30 ft. (9.2 m)
602182	300W	50 ft. (15.2 m)
602183	300W	100 ft. (30.5 m)
602184	300W	150 ft. (45.7 m)
602207	300W	250 ft. (76.2 m)
602177	500W	30 ft. (9.2 m)
602178	500W	50 ft. (15.2 m)
602179	500W	100 ft. (30.5 m)
602180	500W	150 ft. (45.7 m)
602208	500W	250 ft. (76.2 m)

Model	Cord Length
WARM WHITE / TURTLE LIGHT ASSEMBLY	
602189	30 ft. (9.2 m)
602190	50 ft. (15.2 m)
602191	100 ft. (30.5 m)
602192	150 ft. (45.7 m)
602221	250 ft. (76.2 m)
602223 (Turtle)	150 ft. (45.7 m)

Model	Cord Length
COLOR LIGHT ASSEMBLY	
602185	30 ft. (9.2 m)
602186	50 ft. (15.2 m)
602187	100 ft. (30.5 m)
602188	150 ft. (45.7 m)
602206	250 ft. (76.2 m)



CALIFORNIA PROPOSITION 65 WARNING

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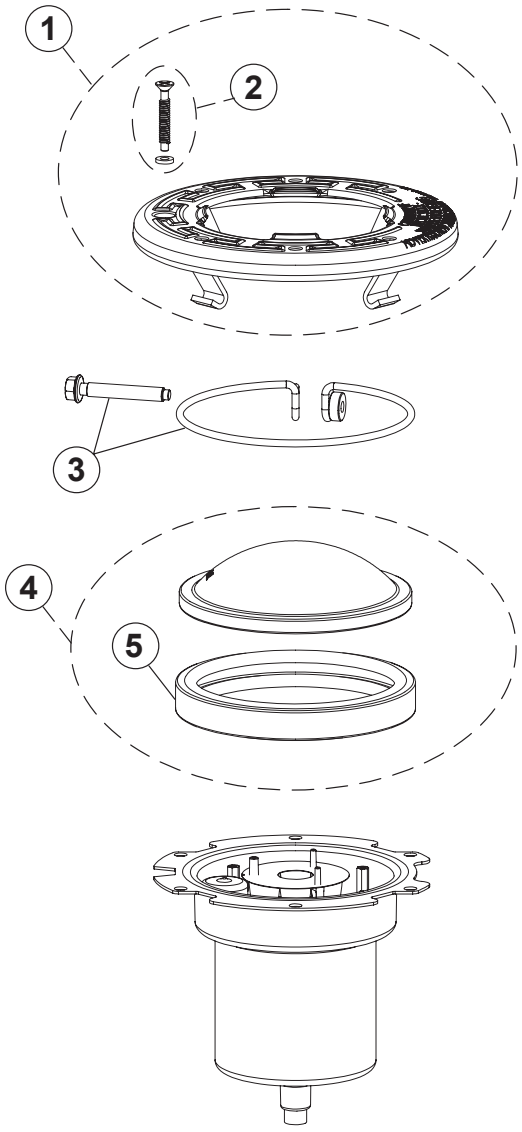
www.p65warnings.ca.gov. P/N 208174-A

INTELLIBRITE® ARCHITECTURAL SERIES

12V SPA LIGHTING REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
INTELLIBRITE ARCHITECTURAL SERIES 12V POOL & SPA LIGHTING				
1	79111600	Face Ring Kit	138.94	166.95
2	9104800z	Pilot Screw, Brass	CALL	CALL
2	619355z	Pilot Screw, Stainless	7.18	8.63
3	79210400	Wire Clamp Kit	35.17	42.26
4	602176	Lens Kit	101.01	121.37
5	79108600z	Gasket Kit	54.87	65.93
—	See Below	Light Assembly	CALL	CALL



Model	Cord Length
WHITE LIGHT ASSEMBLY	
618015	30 ft. (9.2 m)
618016	50 ft. (15.2 m)
618017	100 ft. (30.5 m)
618018	150 ft. (45.7 m)

Model	Cord Length
WARM WHITE / TURTLE LIGHT ASSEMBLY	
602238	30 ft. (9.2 m)
602239	50 ft. (15.2 m)
602240	100 ft. (30.5 m)
602241	150 ft. (45.7 m)
602242 (Turtle)	150 ft. (45.7 m)

Model	Cord Length
COLOR LIGHT ASSEMBLY	
602197	30 ft. (9.2 m)
602198	50 ft. (15.2 m)
602199	100 ft. (30.5 m)
602200	150 ft. (45.7 m)
602248 (Royal Blue)	150 ft. (45.7 m)

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov. P/N:208174-A

INTELLIBRITE® ARCHITECTURAL SERIES

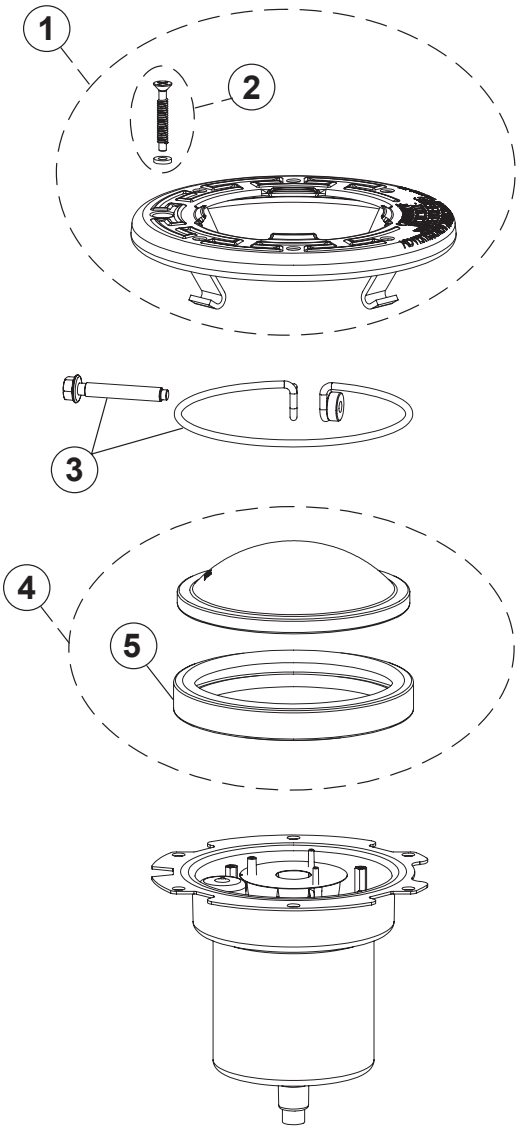
120V SPA LIGHTING REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
INTELLIBRITE ARCHITECTURAL SERIES 120V POOL & SPA LIGHTING				
1	79111600	Face Ring Kit	138.94	166.95
2	79104800z	Pilot Screw, Brass	7.18	8.63
2	619355z	Pilot Screw, Stainless	7.18	8.63
3	79210400	Wire Clamp Kit	35.17	42.26
4	602176	Lens Kit	101.01	121.37
5	79108600z	Gasket Kit	54.87	65.93
—	See Below	Light Assembly	CALL	CALL

Model	Cord Length
WHITE LIGHT ASSEMBLY	
602193	30 ft. (9.2 m)
602194	50 ft. (15.2 m)
602195	100 ft. (30.5 m)
602196	150 ft. (45.7 m)
602209	250 ft. (76.2 m)

Model	Cord Length
WARM WHITE / TURTLE LIGHT ASSEMBLY	
602225	30 ft. (9.2 m)
602226	50 ft. (15.2 m)
602227	100 ft. (30.5 m)
602228	150 ft. (45.7 m)
602229	250 ft. (76.2 m)
602231 (Turtle)	150 ft. (45.7 m)

Model	Cord Length
COLOR LIGHT ASSEMBLY	
602201	30 ft. (9.2 m)
602202	50 ft. (15.2 m)
602203	100 ft. (30.5 m)
602204	150 ft. (45.7 m)
602205	250 ft. (76.2 m)
602249 (Royal Blue)	150 ft. (45.7 m)



CALIFORNIA PROPOSITION 65 WARNING

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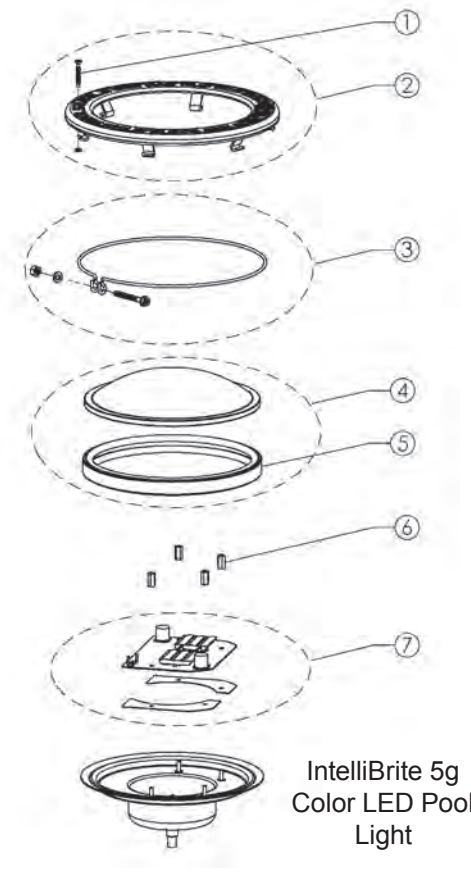
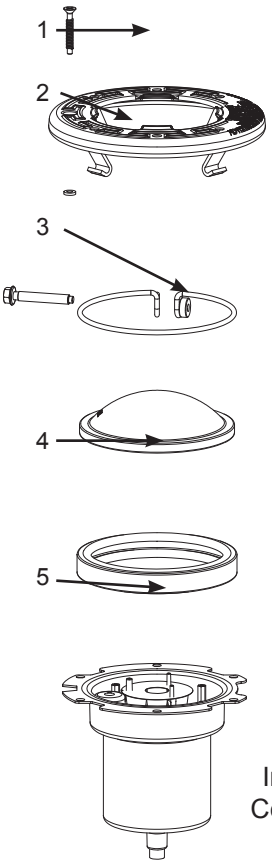
INTELLIBRITE® 5G COLOR LED LIGHTS

2ND GENERATION AFTER 2009 REPLACEMENT PARTS



IntelliBrite 5g Color LED Pool Light



IntelliBrite 5g Color LED Spa Light

CALIFORNIA PROPOSITION 65 WARNING

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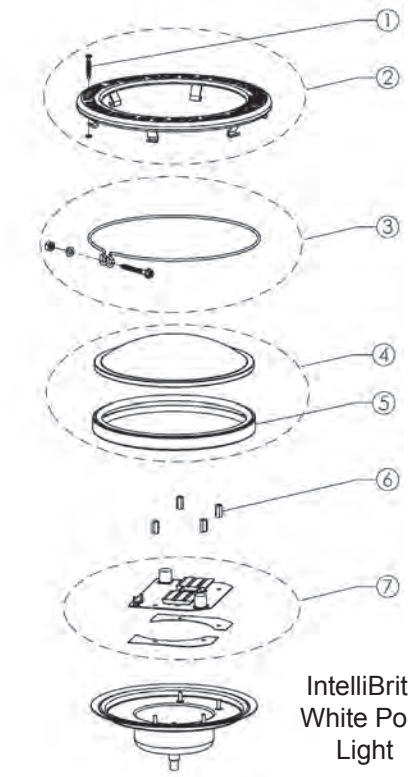
www.p65warnings.ca.gov. P/N 20017-A

Item	Part No.	Description	US List	Can. List
		INTELLIBRITE 5g COLOR LED POOL LIGHT		
	620276	Replacement fuse for 12V only lights	37.64	45.23
1	79104800Z	Pilot screw with captive gum washer, brass	7.18	8.63
1	619355Z	Pilot screw with captive gum washer, SS	7.18	8.63
2	79110600	Face ring assembly, SS	169.71	203.92
3	79111000	Uni-tension wire clamp assembly	101.30	121.72
4	619864Z	Lens and gasket assembly, tempered	142.36	171.06
5	620400Z	Gasket, 8-3/8 in. diameter, silicone	80.99	97.32
6	620141	Nut, retaining	CALL	CALL
7	619818Z	Light engine kit, color 2nd generation	1304.39	1567.36
1	79104800Z	Pilot Screw, with captive gum washer, brass	7.18	8.63
1	619355Z	Pilot screw with captive gum washer, SS	7.18	8.63
2	79111600	Face ring assembly, SS	138.94	166.95
3	79210400	Uni-tension wire clamp assembly w/ welded nut	35.17	42.26
4	640046	Lens and gasket assembly, tempered	127.81	153.58
5	79108600	Gasket, white, silicone	CALL	CALL

Note: IntelliBrite Spa light has no user serviceable parts inside.

INTELLIBRITE® 5G WHITE LED LIGHTS

2ND GENERATION AFTER 2010 REPLACEMENT PARTS



IntelliBrite White Pool Light

IntelliBrite White Spa Light

CALIFORNIA PROPOSITION 65 WARNING

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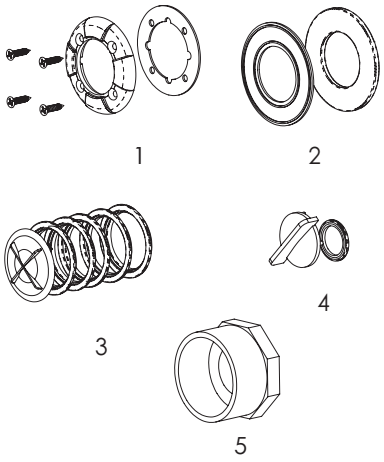
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov. P/N 20017-A

Item	Part No.	Description	US List	Can. List
		INTELLIBRITE WHITE LED POOL LIGHTS		
	620276	Replacement fuse for 12V only lights (For lights built after Oct. 2015)	37.64	45.23
1	79104800Z	Pilot screw with captive gum washer, brass	CALL	CALL
1	619355Z	Pilot screw with captive gum washer, SS	7.18	8.63
1	600095	Face ring, clamp, and gasket kit	171.61	206.21
2	79110600	Face ring assembly, SS	169.71	203.92
3	79111000	Uni-tension wire clamp assembly	101.30	121.72
4	619864Z	Lens and gasket assembly, tempered	142.36	171.06
5	620400Z	Gasket, 8-3/8 in. diameter, silicone	80.99	97.32
6	620141	Nut, retaining	CALL	CALL
	619875Z	IntelliBrite 5g white LED 300w replacement engine	991.36	1191.22
	619916Z	IntelliBrite 5g white LED 400w replacement engine	CALL	CALL
	619917Z	IntelliBrite 5g white LED 500w engine	1102.16	1324.36
		INTELLIBRITE WHITE LED SPA LIGHTS		
1	79104800Z	Pilot Screw, with captive gum washer, brass	7.18	8.63
1	619355Z	Pilot screw with captive gum washer, SS	7.18	8.63
2	79111600	Face ring assembly, S/S	138.94	166.95
3	79210400	Uni-tension wire clamp assembly w/ welded nut	35.17	42.26
	640046	Lens Kit (includes items 4 and 5)	127.81	153.58
5	79108600	Gasket, white, silicone	CALL	CALL

Note: IntelliBrite Spa light has no user serviceable parts inside.

GLOBRITE® WHITE AND COLOR LED LIGHTS

REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
		GLOBRITE LED LIGHTS		
1	620054	GloBrite vinyl replacement kit (Gasket, Screws, Face Plate in White, Blue and Grey)	60.03	72.13
2	620055	GloBrite fiberglass replacement kit (washer, gasket)	39.93	47.98
3	620056	GloBrite gunite/concrete niche color ring replacement kit (color rings, plastic cover)	60.03	72.13
4	620057	GloBrite O-ring replacement kit (GloBrite O-ring, insertion tool, O-ring lubricant)	49.99	60.07
5	620058	GloBrite nut replacement kit (fiberglass/vinyl nut)	60.03	72.13
	602138	White Faceplate Kit (12 screws, 3 gaskets, 3 faceplates)	60.03	72.13
	602137	Gray Faceplate Kit (12 screws, 3 gaskets, 3 faceplaces)	60.03	72.13
	602136	Blue Faceplate Kit (12 screws, 3 gaskets, 3 faceplates)	63.65	76.48

CALIFORNIA PROPOSITION 65 WARNING

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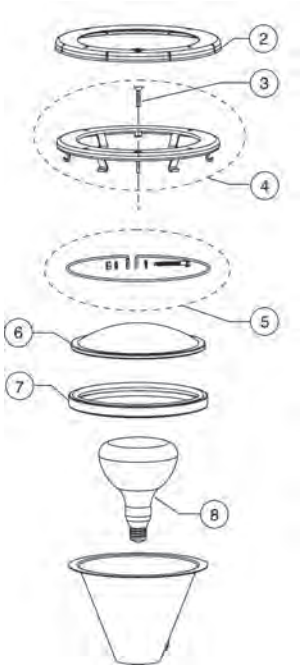
P/N 201714 A

AMERLITE® LIGHTS

LIGHTS REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
		AMERLITE LIGHTS		
2	79212165	Face ring, lg. plastic, SS only, grey	18.61	22.36
2	79212111	Face ring, lg. plastic, SS only, black	18.61	22.36
3	79104800Z	Pilot screw with captive gum washer, brass	7.18	8.63
3	619355Z	Pilot screw with captive gum washer, SS	7.18	8.63
4	79110600	Face ring assembly, SS	169.71	203.92
5	79111000	Uni-tension wire clamp assembly	101.30	121.72
6	79100100	Lens, clear 8-3/8 in. dia., tempered	CALL	CALL
6	79100200	Lens, medium blue 8-3/8 in. dia., tempered	144.67	173.84
7	79101600Z	Gasket for 8-3/8 in. lens	51.49	61.87
8	79102100	Floodlamp, medium base, 500 watt,120 Volt	CALL	CALL
8	79102200	Floodlamp, medium base, 400 watt,120 Volt	CALL	CALL

CALIFORNIA PROPOSITION 65 WARNING

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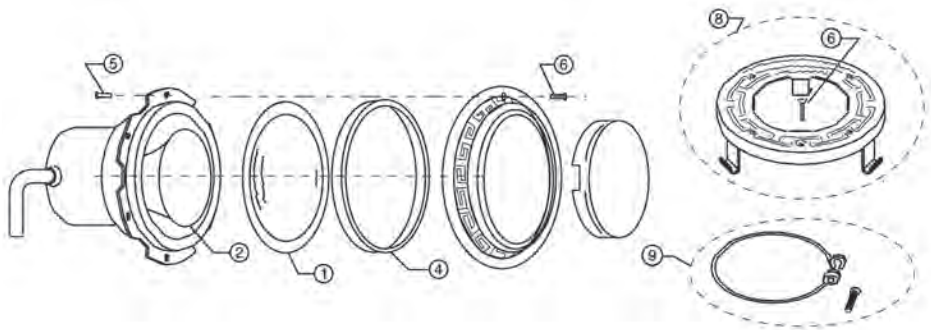
SPABRITE® / AQUALIGHT® - LIGHTS

REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
		SPABRITE / AQUALIGHT - LIGHTS		
1	79107800	Lens, clear, 4 in. dia., tempered	CALL	CALL
2	79113800Z	250 watt Halogen Quartz screw base, (AquaLight) [2]	CALL	CALL
4	79108500Z	Gasket for 4 in. dia. lens, off white, (SpaBrite)	24.38	29.30
4	79108600	Gasket, white, silicone 100 watt, 250 watt, (AquaLight)	CALL	CALL
5	98208600	Screw, SS 10-24 x 3/8 in., 6 req., chrome-brass	CALL	CALL
6	79104800Z	Pilot screw with captive gum washer, brass	7.18	8.63
6	619355Z	Pilot screw with captive gum washer, SS	7.18	8.63
8	79111600	Face ring assembly, SS	138.94	166.95
9	79210400	Uni-tension wire assembly SS w/ welded nut	35.17	42.26

[1] Used on lights manufactured after 5-91.

[2] Used on lights manufactured after 1-98.

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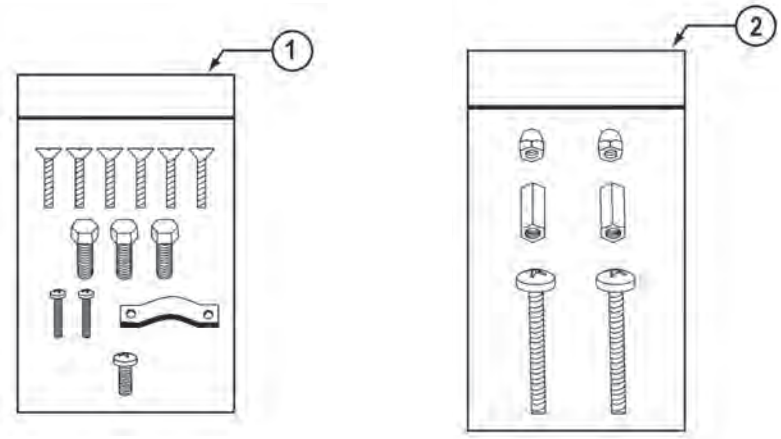
FOUNTAIN FIXTURES
REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
		FOUNTAIN FIXTURES		
1	570004	Fountain fixture screw kit	27.77	33.37
2	570011	Fountain niche mount screw kit	18.57	22.31

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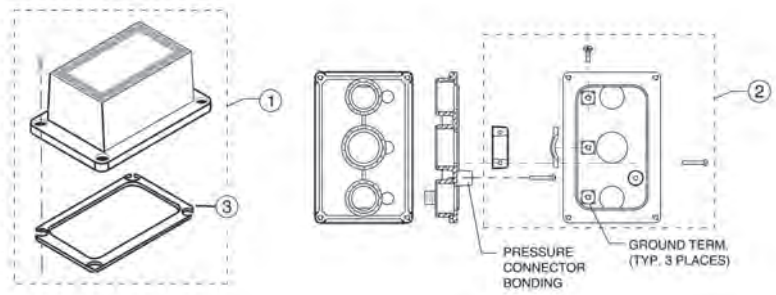
JUNCTION BOXES
REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
		JUNCTION BOXES		
1	619553	Lexan J-Box cover kit	81.85	98.35
2	79301800	1/2 in. J-Box screw kit	CALL	CALL
2	79301900	3/4 in. J-Box screw kit (also for 1 in.)	CALL	CALL
3	79300600	Gasket	13.57	16.31

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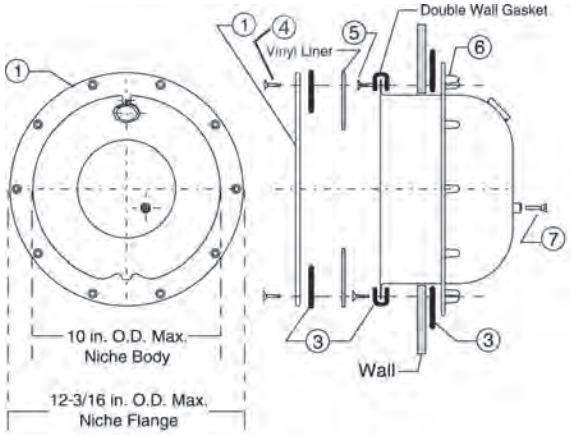
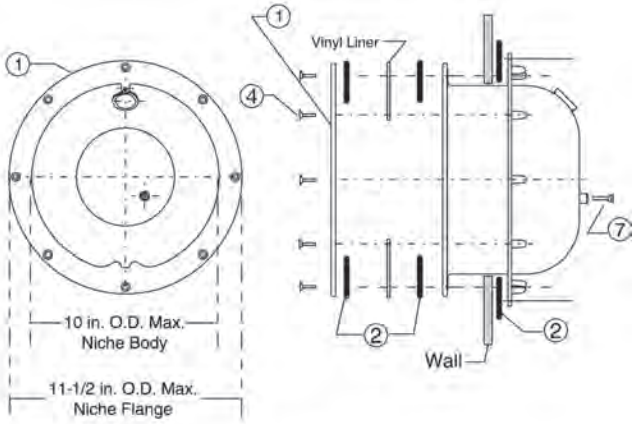
PENTAIR LARGE STAINLESS STEEL NICHES

REPLACEMENT PARTS



Standard 10 Hole Pattern
for vinyl or fiberglass



American 8 Hole Pattern

Item	Part No.	Description	US List	Can. List
		PENTAIR LARGE STAINLESS STEEL NICHES		
1	79200100	Liner-sealing ring, American 8 hole	233.89	281.04
1	79200200	Liner-sealing ring, std. 10 hole	199.11	239.25
2	79200300	Gasket, set, American 8 hole pattern	76.50	91.92
3	79200700	Gasket, set, std. 10 hole pattern, w/ double wall gasket	141.05	169.49
4	98202600	Screw, sealing 1/4-20 x 1 in. Phillips flat head	CALL	CALL
4	98202700	Screw, sealing 1/4-20 x 1-1/4 in. Phillips flat head	CALL	CALL
5	98204200	Screw, retainer, fillister head, 12-24 x 3/4 in.	3.04	3.65
6	634595	Back-up ring, std. 10 hole pattern	177.02	212.71
7	98204400	Screw, grounding 10-24 x 1/2 in.	3.82	4.59
		NOT SHOWN		
	79211600Z	Plaster ring, for gunite niche, pool	88.58	106.44
	79205100	Screw kit, niche, American 8 hole	56.46	67.84
	79205200	Screw kit, niche, American 8 hole, extra long	81.72	98.19
	79205300	Screw kit, niche, std. 10 hole, 1 in.	CALL	CALL
	79205400	Screw kit, niche, std. 10 hole, 1-1/4 in.	CALL	CALL
	79226300	Screw kit, niche, std. 10 hole, 1-3/8 in.	CALL	CALL
	79200400	Gasket, set, std. 10 hole, w/o double wall gasket	100.71	121.01
	60028300	Bonding Lug Potting Sealant	CALL	CALL

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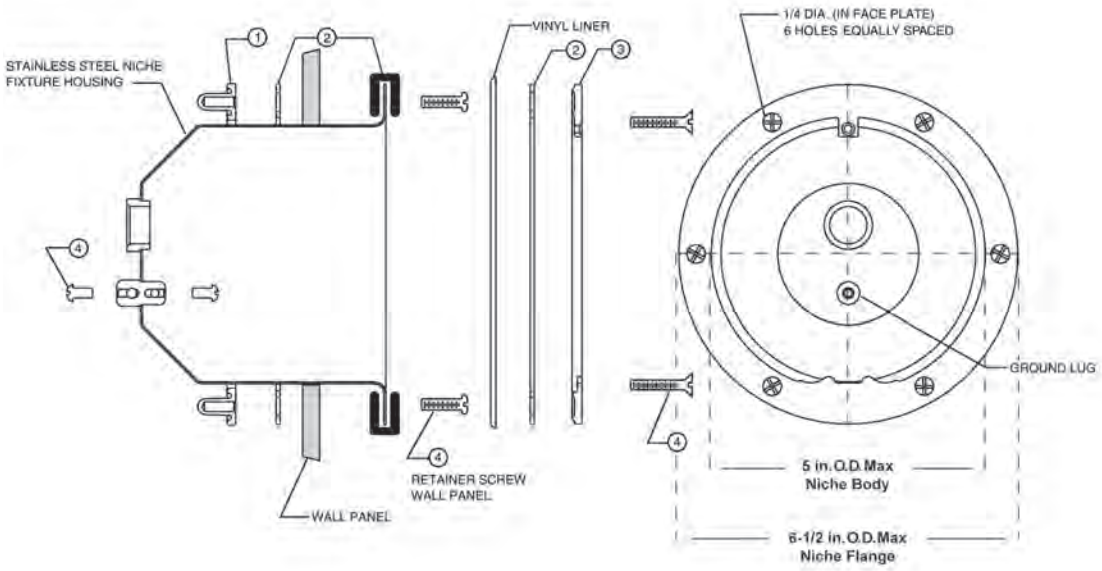
PENTAIR SMALL STAINLESS STEEL NICHES

REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
		PENTAIR SMALL STAINLESS STEEL NICHES		
1	79205600	Back-up ring	75.06	90.19
2	79207900	Gasket set, small niche, w/ double wall gasket	141.05	169.49
2	79204603	Gasket set, small niche, w/o double wall gasket	30.68	36.87
3	79206000	Sealing ring	125.18	150.42
4	79205500	Screw kit	CALL	CALL
		NOT SHOWN		
	79203200	Plaster ring, for gunite niche, spa	CALL	CALL
	60028300	Bonding Lug Potting Sealant	CALL	CALL

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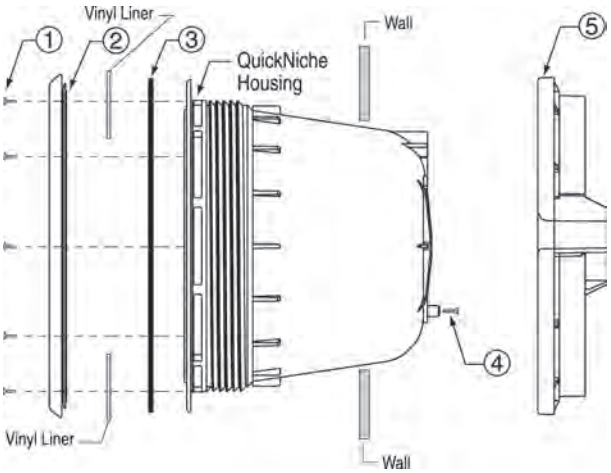
QUICKNICHE™ VINYL LINER NICHE

REPLACEMENT PARTS



QuickNiche

Item	Part No.	Description	US List	Can. List
		QUICKNICHE		
1	630056	Screw kit, QuickNiche, 10 hole	CALL	CALL
2	630017	Sealing ring w/ gasket	CALL	CALL
3	630025	Gasket	CALL	CALL
4	990010	Screw, bonding 10-24 x 7/16 in.	2.46	2.96
5	630016	Lock ring	CALL	CALL
		NOT SHOWN		
	619555	Bonding lug kit	41.70	50.11
	630022	Screw, pilot	CALL	CALL
	630023	Silicone packet DC 732 clear	26.27	31.57
	630047	Repair Kit for QuickNiche	76.03	91.36
	60028300	Bonding Lug Potting Sealant	CALL	CALL

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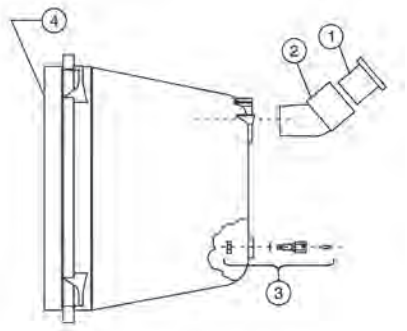
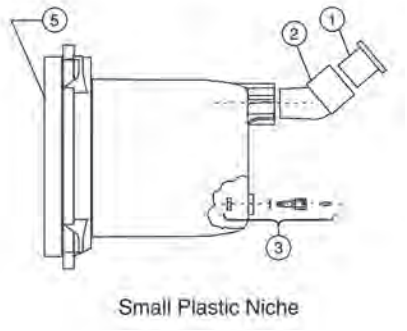
PLASTIC CONCRETE NICHES

REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
		PLASTIC CONCRETE NICHES		
1	619477	1 in. x 3/4 in. reducer	23.08	27.73
2	619476	45 deg. angle adapter	26.55	31.90
3	619555	Bonding lug kit	41.70	50.11
4	79206500	Large metal insert	CALL	CALL
5	79206300	Small metal insert	CALL	CALL
		NOT SHOWN		
	990010	Screw, bonding 10-24 x 7/16 in.	2.46	2.96
	670044	Cord seal grommet kit, Qty 3	36.46	43.81
	670040	Cord seal cap	15.36	18.46
	60028300	Bonding Lug Potting Sealant	CALL	CALL



Large Plastic Niche



Small Plastic Niche

CALIFORNIA PROPOSITION 65 WARNING

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P/N 20017A.A

NOTES:

PENTAIR POOL

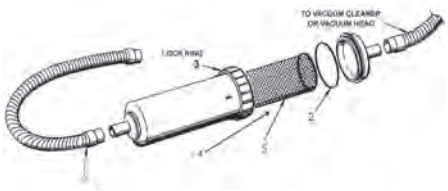
MAINTENANCE & SAFETY EQUIPMENT PARTS

Product Catalog 2025–2026

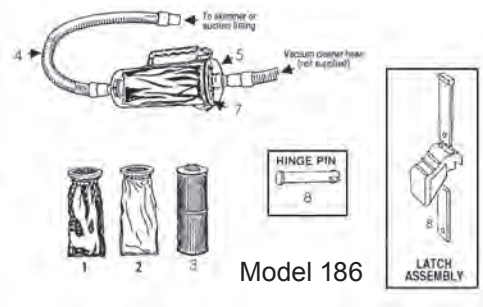
LEAF TRAPS - MODELS 179/179C, 180 & 186

REPLACEMENT PARTS

Model 179/179C



Model 180



Model 186

360476

Item	Part No.	Description	US List	Can.List
Model 179/179C				
2	R172223Z	O-ring No. 360	5.45	6.55
3	R172214	Lock ring	27.08	32.54
4	R211516	Std. mesh bag No. 179	20.72	24.90
5	R211518	Sand/silt bag No. 179 andNo. 186	41.00	49.27
6	R211256	3 ft. Flexible vacuum hose	35.84	43.07
Product No. : R211016 Model No. : 180 Description: Leaf Trap				
1	R211256	3 ft. flexible vacuum hose	35.84	43.07

Product No. :	R211084	R211086	R211092	R211094	
Model No. :	186-A	186-B	186-C	186-D	
Description:	Leaf Trap	Leaf Trap	Leaf Trap	Leaf Trap	
1	R211516	Std. mesh bag No. 179		20.72	24.90
2	R211518	Sand/silt bag		41.00	49.27
3	R172653	25 sq. ft. cartridge w/ plug		65.46	78.66
4	R211256	3 ft. of 1-1/2 in. vacuum hose		35.84	43.07
5	R18650	Lid only 1-1/2 in.		44.00	52.87
5A	R18651	Lid only 2 in.		47.09	56.58
7	R172223Z	O-Ring		5.45	6.55
8	R211600	Latch & O-ring kit		14.51	17.44
Product No: 360476 Leaf Trap					
1	371252	Lid		38.94	46.79
2	371253	Rubber seal		27.25	32.74
3	371254	Clasp		38.94	46.79
4	371255Z	Internal basket		38.94	46.79

CALIFORNIA PROPOSITION 65 WARNING

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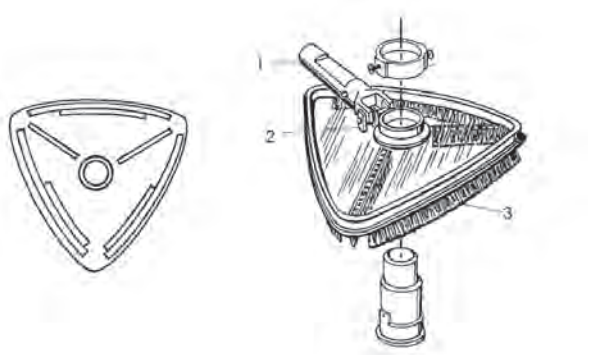
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov.

CLEAR VIEW VACUUM - MODEL 196

REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. LIst
Product No. : R201032 R201034 Model No. : 196 196LW Description: CLEAR VIEW VACUUM				
1	R201476	No. 192 Snap adapt handle	7.80	9.37
2	R03101Z	2-1/4 in. connecting pin	3.09	3.71
3	R201540	Replacement brushes	25.32	30.42



CALIFORNIA PROPOSITION 65 WARNING

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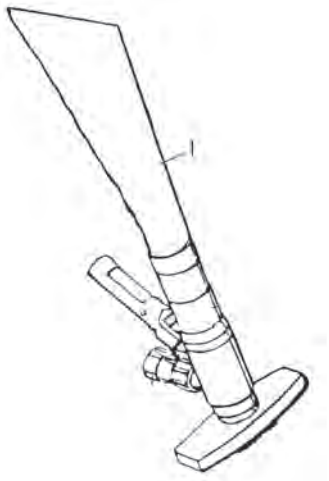
www.p65warnings.ca.gov. P/N 200174-A

MINI VAC - MODEL 204

REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
Product No. : R201146 Model No. : 204 Description: MINI VAC®				
1	R201718	Replacement bags, 2 per bubble pack	31.60	37.97
Opt	R201716	Silt socks, 3 per bubble pack	13.60	16.34



CALIFORNIA PROPOSITION 65 WARNING

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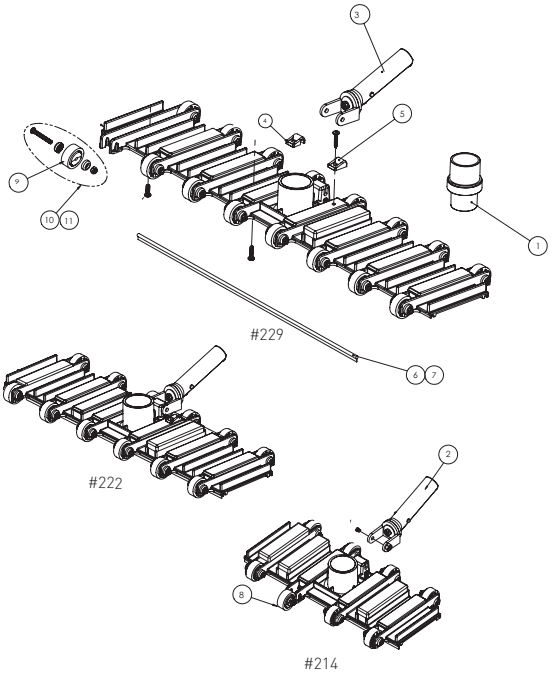
www.p65warnings.ca.gov. P/N 200174-A

PROVAC® VACUUM - MODEL 214R, 222R, 214, 222, 229

REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
Product No. : R201270 R201276 R201286 R201290 R201296				
Model No. : 214R 214 222 222R 229				
Description: PROVAC FLEXIBLE VACUUM				
1	R201566	Hose swivel adapter	6.70	8.05
2	R201476	No. 192 Snap-adapt handle (No. 214R, No. 222R)	7.80	9.37
3	R201408	No. 152 Metal swivel handle (No. 214, No. 222 & No. 229)	50.25	60.38
4	R03087	Left shaft retainer	2.24	2.69
5	R03088	Right shaft retainer	2.24	2.69
6	R201776	White flex strip, short leg, 5 ft. bubble pack	10.10	12.14
7	R201778	Blue flex strip, long leg, 5 ft. bubble pack	12.98	15.60
8	R03021Z	No. 174 Solid plastic wheel (No. 214R, No. 222R)	2.79	3.35
9	R201557Z	No. 175 Ball bearing polyurethane wheel	11.45	13.76
10	R201456	Axle assembly, does not include wheel (No. 214R, No. 222R)	4.75	5.71
11	R201458	Axle assembly, does not include wheel (No. 214, No. 222, No. 229)	2.20	2.64

CALIFORNIA PROPOSITION 65 WARNING

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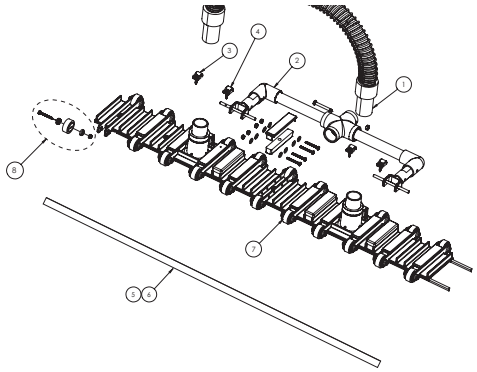
www.p65warnings.ca.gov. P/N:200174.A

SUPER PROVAC® VACUUM - MODEL 241

REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
Product No. : R201298 Model No. : 241 Description: SUPER PROVAC FLEXIBLE VACUUM				
1	R201566	Hose swivel adapter	6.70	8.05
2	R201780	Handle joining assembly	131.17	157.61
3	R03087	Left shaft retainer	2.24	2.69
4	R03088	Right shaft retainer	2.24	2.69
5	R201776	White flex strip, short leg, 5 ft. bubble pack	10.10	12.14
6	R201778	Blue flex strip, long leg, 5 ft. bubble pack	12.98	15.60
7	R201557Z	No. 175 Ball bearing polyurethane wheel	11.45	13.76
8	R201458	Axle assembly, does not include wheel	2.20	2.64



CALIFORNIA PROPOSITION 65 WARNING

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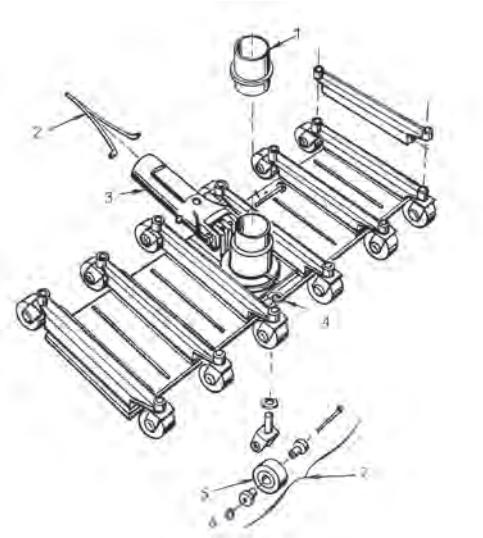
www.p65warnings.ca.gov. P/N 20017A

SWIVEL WHEEL FLEXIBLE VACUUMS - MODELS 250, 252

REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
Product No. : R201126 R201136 Model No. : 250 252 Description: SWIVEL WHEEL FLEXIBLE VACUUM				
1	R201566	Hose swivel adapter	6.70	8.05
2	R22001Z	Spring clip w/High Performance Acetal Resin No. 170	2.93	3.52
3	R201476	Snap adapt handle w/ delrin clip No. 192	7.80	9.37
4	R03058	SS retainer clip No. 267 [1]	8.82	10.60
5	R03021Z	Solid plastic wheel model No. 252 [1]	2.79	3.35
6	R03022	Solid polyurethane wheel model No. 250 [1]	5.53	6.64
7	R201500	No. 250 Replacement kit, (4 each) No. 177 wheels, No. 263 casters, No. 264 axle assembly, No. 267 clips, bubble pack card	32.73	39.33



[1] Parts fit Model No. 215 Swivel wheel commercial vacuum.

CALIFORNIA PROPOSITION 65 WARNING

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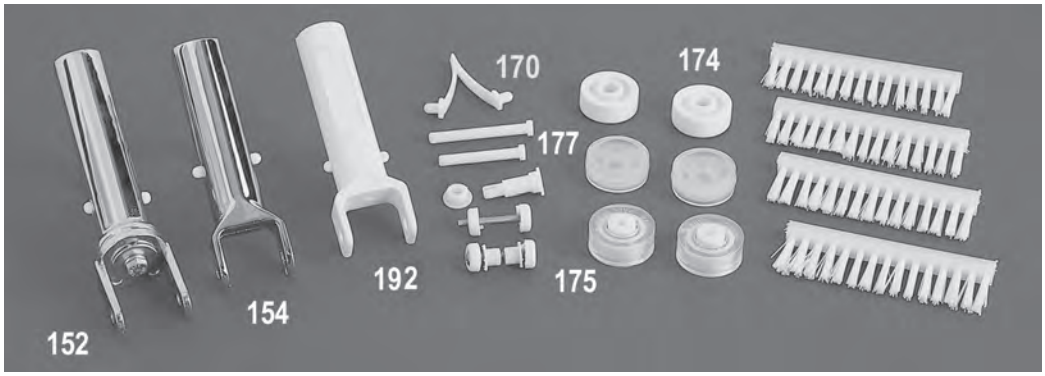
www.p65warnings.ca.gov. P/N 20017A

VACUUM HEAD PARTS



Product No.	Model No.	Description	Pack Qty.	Carton Wt. (Lbs.)
WHEELS 174 SOLID MOLDED WHEEL FITS ALL VACUUMS 1-3/8 IN. WHITE WITH 3/8 IN. HOLE				
R03021Z	174	Molded wheel	1	
R201426	174	4 per card, bubble pack	12	2
177 POLYURETHANE DELUXE WHEEL 1-3/8 IN. TRANSLUCENT WITH 3/8 IN. HOLE				
R03022	177	Wheel	1	
R201446	177	4 per card, bubble pack	12	2
175 BALL BEARING WHEEL 1-3/8 IN. DIAMETER WITH 3/8 IN. HOLE, LONG WEARING POLYURETHANE WHEEL WITH DELRIN® INNER RACE AND STAINLESS STEEL BALLS				
R201557Z	175	Ball bearing	1	
R201558	175	4 per card, bubble pack	12	2
178 AXLE ASSEMBLY FOR No. 188, No. 200, No. 201, No. 188-20, No. 214R AND No. 222R				
R201456	178	Axle assembly	1	
R201466	178	4 sets per card, bubble pack	12	2
176 AXLE ASSEMBLY. FOR No. 203				
R201470	176	Axle assembly	1	
R201472	176	4 sets per card, bubble pack	12	2
REPLACEMENT KITS				
R201498	203	Replacement kit, No. 174 wheels, No. 176 axle assembly (4 each) bubble pack	12	
R201500	250	Replacement kit, (4 each) No. 177 wheels, No. 263 casters, No. 264 axle assembly, No. 267 clips, bubble pack	12	
152 METAL SWIVEL VACUUM HANDLE. POLISHED CHROME FINISH. SNAP-ADAPT. FITS MOST VACS.				
R201408	152	Metal swivel handle	1	
R201409	152	1 per card, bubble pack.	12	
FLEX STRIPS FOR PROVAC® MODELS				
R201776		White, bubble pack	12	
R201778		Blue, bubble pack	12	

Product No.	Model No.	Description	Pack Qty.	Carton Wt. (Lbs.)
154 METAL ONE PIECE HANDLE. POLISHED CHROME FINISH. SNAP-ADAPT. FITS MOST VACS.				
R201421	154	Metal handle	1	
R201420	154	1 per card, bubble pack	12	
192 SNAP-ADAPT HANDLE. TOUGH ABS WITH DELRIN® SPRING CLIP. FITS ALL VACS AND TELEPOLES.				
R201476	192	Snap adapt handle	1	
R201486	192	1 per card, bubble pack	12	2
R201492	192	With 2-1/4 in. pin, bubble pack	12	2
R201490	192	With 1-¾ in. pin, bubble pack	12	2
170 DELRIN SPRING CLIP				
R22001Z	170	170 Spring clip	1	
R201556	170	3 per card, bubble pack	12	2
HANDLE CONNECTION PINS				
R03086		1-3/4 in. long, For No. 193 Vac, No. 615	1	
R03101Z		2-1/4 in. long, For No. 185, No. 196, No. 198, No. 201, No. 203	1	
STAINLESS STEEL SPRING				
R03099		For No. 198, No. 201, No. 203	1	
HANDLE JOINING ASSEMBLY				
R201780		For No. 241	1	
REPLACEMENT BRUSHES				
R201526	193R	For No. 193, bubble pack	7	4
R201536	194R/ 195R	For No. 194 and No. 195, bubble pack	12	4
R201540	196R	For No. 196, bubble pack	12	
R201302	198R	For No. 198, bubble pack	12	4

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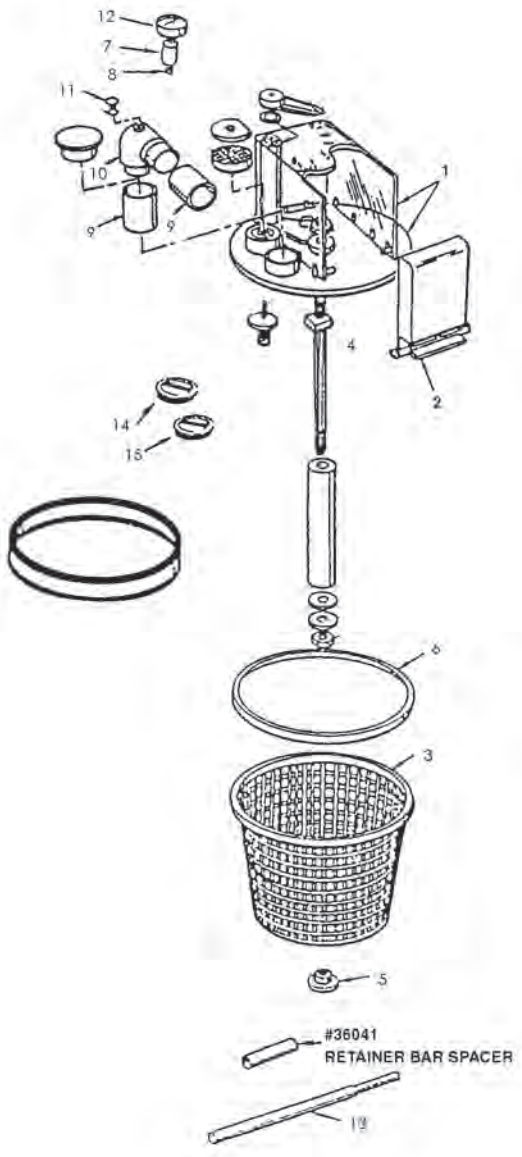
VAC-MATE® VACUUM/SKIMMER

REPLACEMENT PARTS

Item	Part No.	Qty.	Description	US List	Can. List
Product No. : R211100 Description: MULTIFUNCTION VACUUM SKIMMER ATTACHMENT					
1	R36026	1	Top housing & plate assembly (large) R211100	92.50	111.15
2	R36027	1	Weir assembly	8.80	10.57
3	R36009	1	Debris basket only R211100	20.31	24.40
4	R36017	1	Basket shaft R211100-5 1/2 in.	8.82	10.60
5	R36024	1	Knob	8.82	10.60
6	R36002	1	Gasket, large, fits R36009 basket	8.34	10.02
7	R172204	1	Coupling, vacuum gauge R211101	CALL	CALL
8	R172050	1	Nipple, vacuum gauge R211101	CALL	CALL
9	R36030Z	2	Cuff	8.80	10.57
10	R36031	1	90° elbow	11.63	13.97
11	R172392	1	Plug 1/4 in. MPT	8.82	10.60
12	R36006	1	Vacuum gauge	57.11	68.62
13	R36033	1	Retainer bar, long, R211100	11.00	13.22
14	R22011	1	Threaded plug 2 in.	7.21	8.66
15	R22010Z	1	Threaded plug 1-1/2 in.	6.36	7.64



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NOTES:

PENTAIR POOL

PUMP PARTS

Product Catalog 2025–2026

Updated September 2025

INTELLIFLO® & INTELLIPRO® PUMP DRIVE PART NUMBER HISTORY

REPLACEMENT PARTS

NOTE: The table below lists original drive kit part numbers and active replacement parts for the IntelliFlo and IntelliPro family pump product lines.

Pump Part No.	Pump Name	Pump Obsolete?	Original Drive Kit	Original Drive Available?	Current Drive Part No.	Current Keypad Part No.	Current Drive Kit
IntelliFlo Family Pump Product Line							
011008	IntelliFlo i1 ***original***	Yes	353251	No	356878Z	357527Z	356879Z
011009	IntelliFlo i2 ***original***	Yes	353251	No	356878Z	357527Z	356879Z
011018	IntelliFlo VS ***original***	Yes	353251	No	356878Z	357527Z	356879Z
011017	IntelliFlo VS+SRVS ***original***	Yes	351021	No	356910Z	357527Z	356911Z
011012	IntelliFlo VF	Yes	350721	No	356880Z	357527Z	356944Z
011059	IntelliFlo i1	No	356879Z	Yes	356878Z	357527Z	356879Z
011060	IntelliFlo i2	No	356879Z	Yes	356878Z	357527Z	356879Z
011055	IntelliFlo 2 VST	Yes	356879Z	Yes	356878Z	357527Z	356879Z
011028	IntelliFlo VS	No	356879Z	Yes	356878Z	357527Z	356879Z
011057	IntelliFlo VS+SVRS	No	356911Z	Yes	356910Z	357527Z	356911Z
011056	IntelliFlo VSF	No	356922Z	Yes	356944Z	357527Z	356971Z
022005	IntelliFloXF VS ***original***	Yes	353251	No	356878Z	357527Z	356879Z
022055	IntelliFloXF VS	No	356879Z	Yes	356878Z	357527Z	356879Z
022056	IntelliFloXF VSF	No	357521Z	Yes	356896Z	357527Z	357521Z
IntelliPro Family Pump Product Line							
P6E6VS4H-209L	IntelliPro VS	No	353252	No	356892Z	358527Z	356893Z
P6E6XS4H-209L	IntelliPro VS+SVRS ***original***	Yes	353250	No	356912Z	358527Z	356913Z
013001	IntelliPro 2 VST	Yes	356893Z	Yes	356892Z	358527Z	356893Z
013002	IntelliPro VS+SVRS	No	356913Z	Yes	356912Z	358527Z	356913Z
013004	IntelliPro VSF	No	353141Z	Yes	356657Z	358527Z	353141Z
023005	IntelliProXF VS ***original***	Yes	353252	No	356892Z	358527Z	356893Z
023055	IntelliProXF VS	No	356893Z	Yes	356892Z	358527Z	356893Z
023056	IntelliProXF VSF	No	352032Z	Yes	356898Z	358527Z	352032Z

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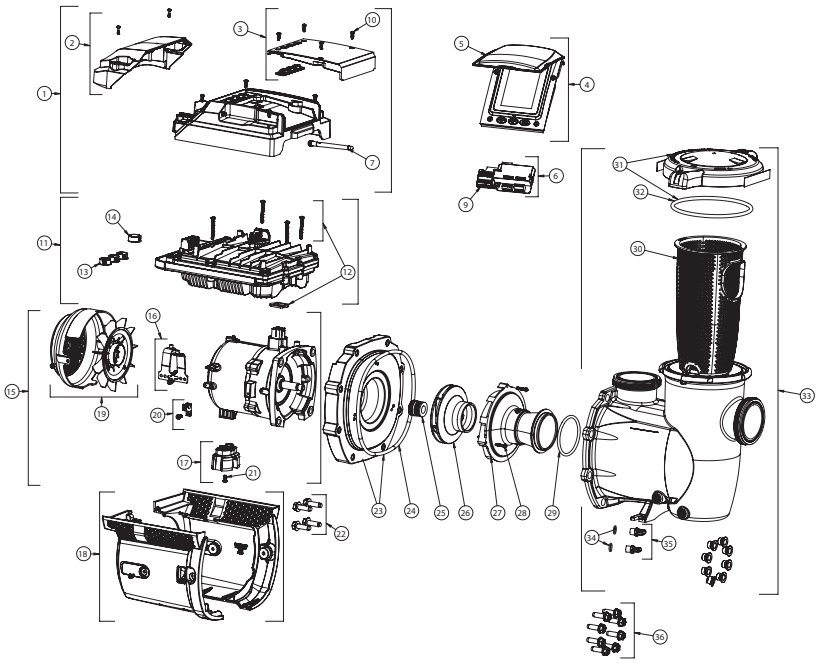
www.p65warnings.ca.gov. PN 200174 A

INTELLIFLO3® & INTELLIPRO3®VSF 1.5HP & 3.0HP

VARIABLE SPEED AND FLOW POOL PUMP REPLACEMENT PARTS



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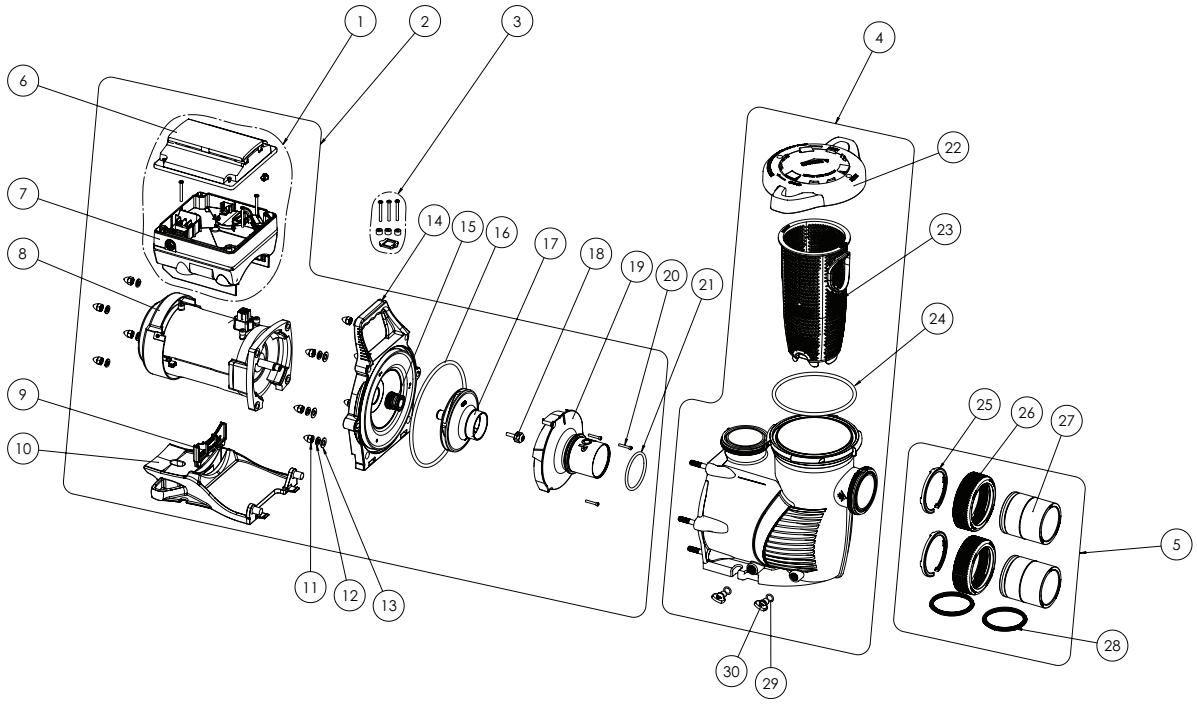
ITEM	DESCRIPTION	ALMOND PART #	BLACK PART #	USD LIST	CAN LIST
1	DRIVE COVER ASSEMBLY	356214Z	356349Z	430.96	517.84
2	2 FIELD WIRING COMPARTMENT KIT	356096Z	356337Z	62.39	74.97
3	BLANK CONTROLLER KIT	356101Z	356338Z	61.67	74.1
4	TOUCHSCREEN CONTROLLER KIT	356159Z	356348Z	619.79	744.74
5	TOUCHSCREEN LID	356099Z	356339Z	47.18	56.69
6	RELAY CONTROL BOARD KIT	356365Z		444.45	534.05
7	ANTENNA	356226Z		17.81	21.4
-	4-PIN CONNECTOR, RS-485	8023304		CALL	CALL
9	6-PIN CONNECTOR, RELAY CONTROL BOARD	8023306		CALL	CALL
10	CONTROLLER SCREW (X4)	356215Z		9.62	11.56
11	DRIVE AND DRIVE HARDWARE KIT	**1.5 HP:** 356162Z		1,657.49	1,991.64
		3.0 HP: 356163Z		1,657.49	1,991.64
12	DRIVE HARDWARE KIT	357865		CALL	CALL
13	7/8" PLUG, DRIVE	356219Z		7.72	9.28
14	1" BUSHING, LOW VOLTAGE, DRIVE	356320Z		7.74	9.3
15	MOTOR KIT	**1.5 HP:** 356164S		CALL	CALL
		3.0 HP: 356165S		CALL	CALL
16	MOTOR BRACKET KIT (X2)	356167Z		CALL	28.84
17	MOTOR FOOT KIT	356149Z	356341Z	11.61	13.95
18	MOTOR SHROUD KIT	357867	357868	143.96	172.98
19	MOTOR FAN KIT	356232Z		95.99	115.34
20	BONDING LUG	356166Z		14.7	17.66
21	MOTOR FOOT SCREW	356221Z		6.69	8.04
22	MOTOR BOLTS (X4)	074165Z		CALL	CALL
23	SEAL PLATE KIT	**1.5 HP:** 356090Z	**1.5 HP:** 356333Z	CALL	CALL
		3.0 HP: 356091Z	**3.0 HP:** 356345Z	CALL	CALL
24	SEAL PLATE O-RING	**1.5 HP:** 356148Z		CALL	CALL
		3.0 HP: 356173Z		CALL	CALL

ITEM	DESCRIPTION	ALMOND PART #	BLACK PART #	USD LIST	CAN LIST
25	SHAFT SEAL	356210S		CALL	CALL
26	IMPELLER	**1.5 HP:** 356176Z		CALL	CALL
		3.0 HP: 356177Z		CALL	CALL
27	DIFFUSER	**1.5 HP:** 356155Z		CALL	CALL
		3.0 HP: 356156Z		CALL	CALL
28	DIFFUSER SCREWS (X3)	356213Z		CALL	CALL
29	DIFFUSER O-RING	356190Z		CALL	CALL
30	STRAINER BASKET	**1.5 HP:** 074162Z		CALL	CALL
		3.0 HP: 400007Z		CALL	CALL
31	LID ASSEMBLY	356172Z		92.81	111.52
32	LID O-RING	356189Z		27.86	33.48
33	STRAINER POT KIT	**1.5 HP:** 356174Z	**1.5 HP:** 356346Z	415.02	498.69
		3.0 HP: 356175Z	**3.0 HP:** 356347Z	415.02	498.69
34	DRAIN PLUG O-RING	192115Z		4.04	4.85
35	DRAIN PLUG	071131Z	357161Z	CALL	CALL
36	SEAL PLATE-TO-STRAINER POT BOLTS (X6)	074164Z		30.96	37.20
-	SEAL KIT	**1.5 HP:** 357871		37.06	44.53
		3.0 HP 357872			

HP	DESCRIPTION	ALMOND PART #	BLACK PART #	USD LIST	CAN LIST
1.5 HP	UNION KIT	351157			
	UNION O-RING	6020018		CALL	CALL
	RISER PLATE KIT - THICK (C BASE)	357831Z		59.67	71.70
	RISER PLATE KIT - BOTH	357832Z		82.87	99.58
3.0 HP	RISER PLATE KIT - THIN (A/B BASE)	357833Z		59.67	71.70
	2" / 2.5" UNION KIT	410028		87.84	105.55
	3" UNION KIT	410029		98.4	118.24
	UNION O-RING - DIAMOND SEAL	410016Z		18.93	22.75

INTELLIFLOXF® VSF PUMP
INTELLIFLOXF® VS PUMP – AFTER AUGUST 2015

REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
		INTELLIFLO PUMP		
1	357521Z	Drive Kit (VSF model)	2477.21	2976.62
1	356879Z	Drive Kit (VS model)	2394.18	2876.85
2	400655Z	Power End Kit (VS model)	4116.79	4946.73
4	400000	Wet End Assembly	503.13	604.56
5	410020	Union Kit w/o Tap	229.20	275.41
6	357527Z	Keypad Assembly Kit	592.10	711.47
7	356896Z	Drive (VSF model)	1902.09	2285.55
7	356878Z	Drive (VS model)	2059.50	2474.70
8	350305S	Motor	1566.62	1882.45
9	070929Z	Motor Support Insert	30.82	37.03
10	400004Z	Motor Base	61.41	73.79
11	071413	Acorn Nut (Qty. 10)	CALL	CALL
12	U43-12SSZ	Lock Washer (Qty. 10)	4.55	5.47
13	072184	Flat Washer (Qty. 6)	2.48	2.98
14	400002	Seal Plate	332.52	399.56
15	17351-0101S	Mechanical Seal	41.75	50.17
16	351446Z	Seal Plate O-Ring	10.02	12.04
17	400015Z	Impeller assembly (includes screw and washer)	202.67	243.53
18	37337-6080	Impeller Screw, Plastic-Head (pumps mfg. before 10/7/19)	30.83	37.05
18	356073	Impeller Screw, Metal-Head (pumps mfg. after 10/7/19)	17.46	20.98
19	400010Z	Diffuser	145.51	174.84
20	353323Z	Diffuser Screws	5.23	6.28

Item	Part No.	Description	US List	Can. List
21	350336Z	Diffuser O-Ring	5.26	6.32
22	400006	Lid/Locking Ring Assembly	88.54	106.39
23	400007Z	Strainer Basket	55.37	66.53
24	35505-1440Z	Lid/Locking Ring O-RIng	29.77	35.77
25	410001	2.5" C-Clip Locking Ring (Qty. 2)	11.24	13.51
26	411000	2.5" Union Nut (Qty. 2)	30.81	37.02
27	410002Z	2.5" Union Adapter w/o Tap (Qty. 2)	53.10	63.80
28	410016Z	2.5" Diamond Seal Kit (Qty. 2)	18.93	22.75
29	192115Z	Drain Plug O-Ring (Qty. 2)	4.04	4.85
30	071131Z	Drain Plug (2 req.)	9.85	11.84
		NOT SHOWN		
	356904Z	Keypad Relocation Kit	118.87	142.83
	400031Z	Seal Plate w/Mech Seal	322.02	386.94
	350122Z	50 Ft. Communication Cable	271.62	326.38
	352401	Motor Fan Kit	277.95	333.98
	072172	Impeller screw washer	0.38	0.46

CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
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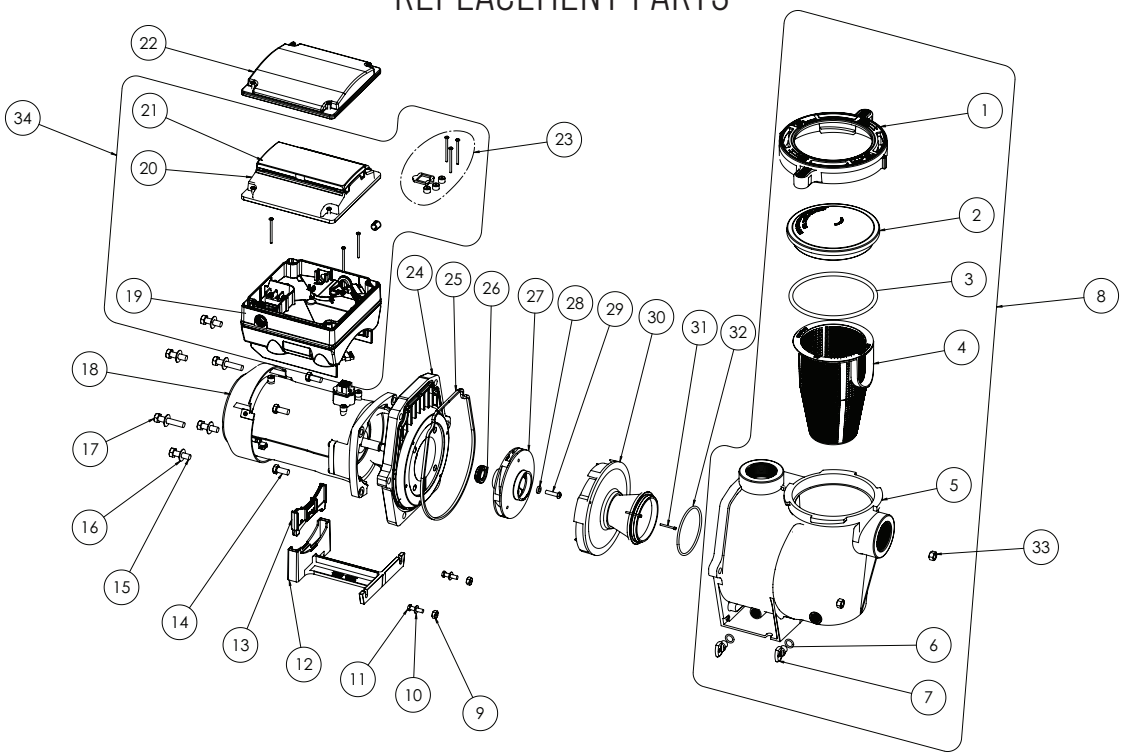
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov. P/N 200174.A

INTELLIFLO® VSF PUMP/INTELLIFLO 2 VST PUMP INTELLIFLO VS PUMP – AFTER 2018

REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
		INTELLIFLO PUMP		
1	357199Z	Clamp, Cam and Ramp	76.56	91.99
2	357151Z	See-through Lid	57.49	69.08
3	350013Z	Lid O-Ring	6.04	7.26
4	070387Z	Strainer Basket	26.77	32.17
5	350015Z	Volute WF	366.49	440.37
6	192115Z	O-Ring 112 for Drain Plug (Qty 2)	4.04	4.85
7	071131Z	Drain Plug WF (2 req.)	9.85	11.84
8	357243Z	Volute Kit (Contains items #1-7)	764.82	919.01
9	071406Z	Nut 1/4-20 Hex SS (Qty 2)	2.60	3.12
12	070927Z	Foot WF	61.41	73.79
13	070929Z	Foot Insert WFE Pump Motor Support	30.82	37.03
11	070429Z	Bolt, 3/8-16 X 7/8 SS Hex Head 18-8, 4 req.	5.03	6.04
10	072184	Washer, Flat 3/8" ID x 7/8 OD (Qty 6)	2.48	2.98
14	070430Z	Bolt, Hex Head 3/8-16 x 1.25" (Qty 4)	4.02	4.83
18	350305S	Motor, 3.2 kW 10 Pole	1566.62	1882.45
19	356880Z	Drive (VSF model) (pumps mfg. before 10/2020)	2059.50	2474.70
19	356944Z	Drive (VSF model) (pumps mfg. after 10/2020)	1902.12	2285.59
19	356878Z	Drive (2VST and VS models)	2059.50	2474.70
20	357527Z	Keypad Assembly Kit (Contains item #21)	592.10	711.47
21	400100	Keypad Cover	346.76	416.67
22	356904Z	Keypad Relocation Kit (Contains Keypad Relocation cable and Blank Drive Cover)	118.87	142.83
24	074564Z	Seal Plate	174.06	209.15
25	357100Z	Seal Plate Gasket	10.34	12.42
26	071734S	Mechanical Seal	48.53	58.31
26	071732S	Mechanical Seal (ozone/salt resistant)	40.66	48.86

Item	Part No.	Description	US List	Can. List
27	073131Z	Impeller (pumps mfg. before 10/2020)	160.28	192.59
27	356237	Impeller (pumps mfg. after 10/2020)	CALL	CALL
28	075713Z	Rubber Washer, Impeller Set Screw	2.89	3.47
29	071652Z	Impeller Set Screw 1/4-20 LH Thread	5.03	6.04
30	072928Z	Diffuser (pumps mfg. before 10/2020)	60.48	72.67
30	356238	Diffuser (pumps mfg. after 10/2020)	CALL	CALL
28	355227Z	Diffuser O-Ring	5.21	6.26
34	356922Z	Drive Kit (VSF model) (Incl. Items #19-23)	2477.21	2976.62
34	356971Z	Drive Kit (VSF Model mfg. after 11/20) (Incl. items #19-23)"	2477.20	2976.60
34	356879Z	Drive Kit (2VST and VS models) (Incl. Items #19-23)	2394.18	2876.85
		NOT SHOWN		
	350122Z	50 Ft. Communication Cable	271.62	326.38
	350202	Seal Plate Kit w/Mechanical Seal (Incl. Items #24, 25 and 26)	322.49	387.50
	354044	Power End - (2VST and VS models)	3834.41	4607.43
	356198	WhisperFlo/IntelliFlo Quick Kit (includes 26, 32,25, 6(x2), 3 and 28)	53.55	64.35
	357603	Union Kit (Incl. 2 complete unions for 1 pump - Not included with pump)	178.84	214.89
	350199	Seal Plate Kit (Ozone/Salt resistant)	314.95	378.44
	352401	Motor Fan Kit	277.95	333.98

CALIFORNIA PROPOSITION 65 WARNING

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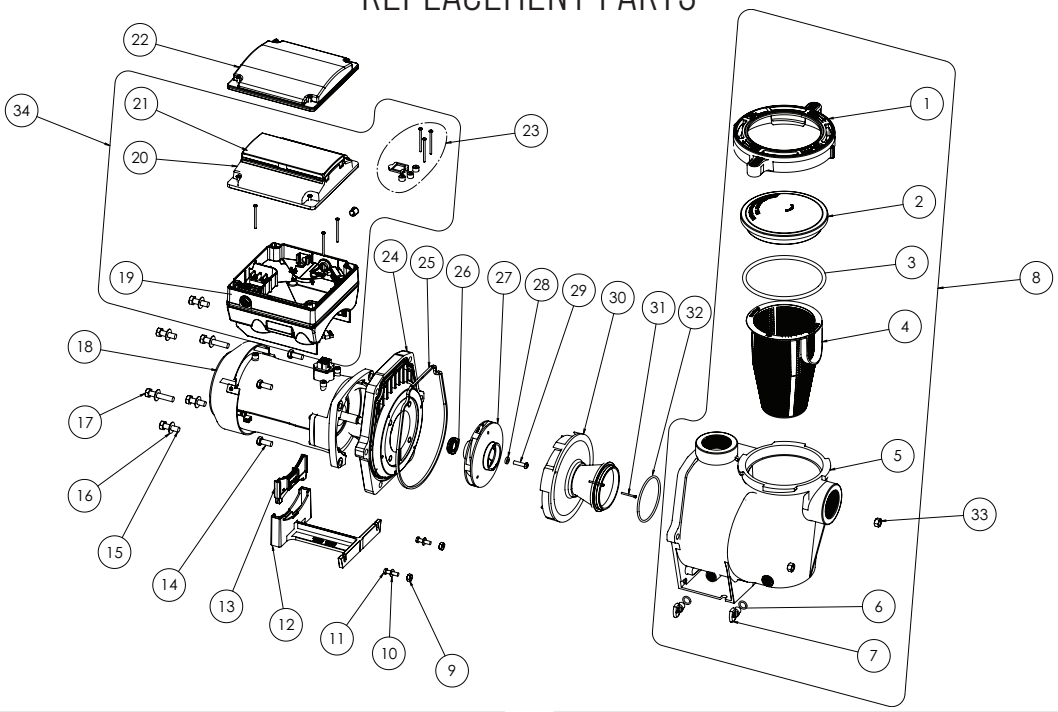
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov. P/N 200174.A

INTELLIFLO® VS+SVRS PUMP – AFTER JUNE 2016

REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
		INTELLIFLO VS+SVRS PUMP		
1	357199Z	Clamp, Cam and Ramp	76.56	91.99
2	357151Z	See-through Lid	57.49	69.08
3	350013Z	Lid O-Ring	6.04	7.26
4	070387Z	Strainer Basket	26.77	32.17
5	350015Z	Volute WF	366.49	440.37
6	192115Z	O-Ring 112 for Drain Plug (Qty 2)	4.04	4.85
7	071131Z	Drain Plug WF (2 req.)	9.85	11.84
8	357243Z	Volute Kit (Contains items #1-7)	764.82	919.01
9	071406Z	Nut 1/4-20 Hex SS (Qty 2)	2.60	3.12
10	072183Z	Washer, Flat 1/4" ID x 5/8" OD (Qty 2)	2.48	2.98
11	071657Z	Screw 1/4-20 x 1" Hex Cap SS, 2 req.	5.03	6.04
12	070927Z	Foot WF	61.41	73.79
13	070929Z	Foot Insert WFE Pump Motor Support	30.82	37.03
14	070429Z	Bolt, 3/8-16 X 7/8 SS Hex Head 18-8, 4 req.	5.03	6.04
16	072184	Washer, Flat 3/8" ID x 7/8 OD (Qty 6)	2.48	2.98
15	070430Z	Bolt, Hex Head 3/8-16 x 1.25" (Qty 4)	4.02	4.83
18	350305S	Motor, 3.2 kW 10 Pole	1566.62	1882.45
19	356910Z	Drive	CALL	CALL
20	357527Z	Keypad Assembly Kit (Contains item #21)	592.10	711.47
21	400100	Keypad Cover	346.76	416.67
22	356904Z	Keypad Relocation Kit (Contains Keypad Relocation cable and Blank Drive Cover)	118.87	142.83
23	355685	Drive Hardware Kit (Contains Drive Screws, Drive Gasket and Screw Caps)	173.09	207.98

Item	Part No.	Description	US List	Can. List
24	074564Z	Seal Plate	174.06	209.15
25	357100Z	Seal Plate Gasket	10.34	12.42
26	071734S	Mechanical Seal	48.53	58.31
26	071732S	Mechanical Seal (ozone/salt resistant)	40.66	48.86
27	073131Z	Impeller (pumps mfg. before 10/2020)	160.28	192.59
27	356237	Impeller (pumps mfg. after 10/2020)	CALL	CALL
28	075713Z	Rubber Washer, Impeller Set Screw	2.89	3.47
29	071652Z	Impeller Set Screw 1/4-20 LH Thread	5.03	6.04
30	072928Z	Diffuser (pumps mfg. before 10/2020)	60.48	72.67
30	072928Z	Diffuser (pumps mfg. after 10/2020)	60.48	72.67
31	071660Z	Diffuser Set Screw 4-40 x 1-1/8, 2 req.	5.21	6.26
32	355227Z	Diffuser O-Ring	5.21	6.26
33	071403	Nut 3/8" Brass, Nickel Plated (Qty 2)	CALL	CALL
34	356911Z	Drive Kit (Incl. Items #19-23)	CALL	CALL
		NOT SHOWN		
	350122Z	50 Ft. Communication Cable	271.62	326.38
	350202	Seal Plate Kit w/Mechanical Seal (Incl. Items #24, 25 and 26)	322.49	387.50
	357603	Union Kit (Incl. 2 complete unions for 1 pump - Not included with pump)	178.84	214.89
	356198	Whisper/IntelliFlo Quick Kit (Includes 26, 32, 25, 6(x2), 2 and 28)	53.55	64.35
	350199	Seal Plate Kit (Ozone/Salt resistant)	314.95	378.44
	352401	Motor Fan Kit	277.95	333.98

CALIFORNIA PROPOSITION 65 WARNING

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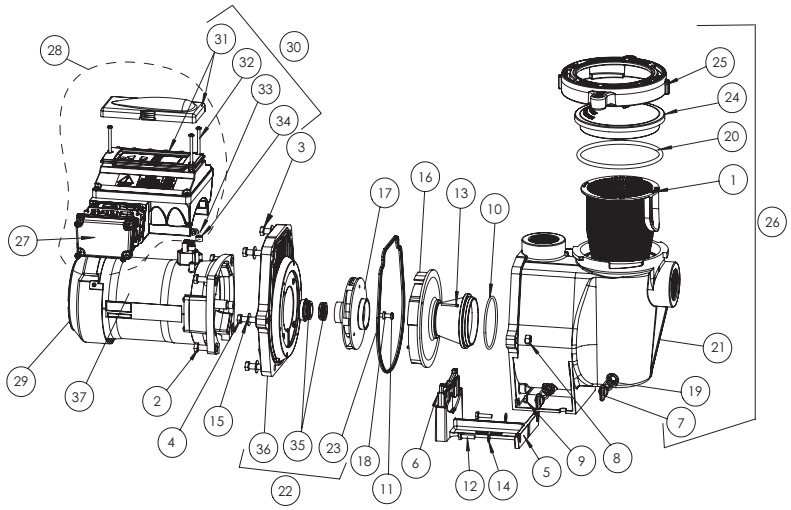
www.p65warnings.ca.gov. P/N 220174.A

INTELLIFLO® VARIABLE SPEED PUMP– BEFORE 2019
INTELLIFLO VS+SVRS PUMP – BEFORE JUNE 2016

REPLACEMENT PARTS



CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov. P/N:200174.4

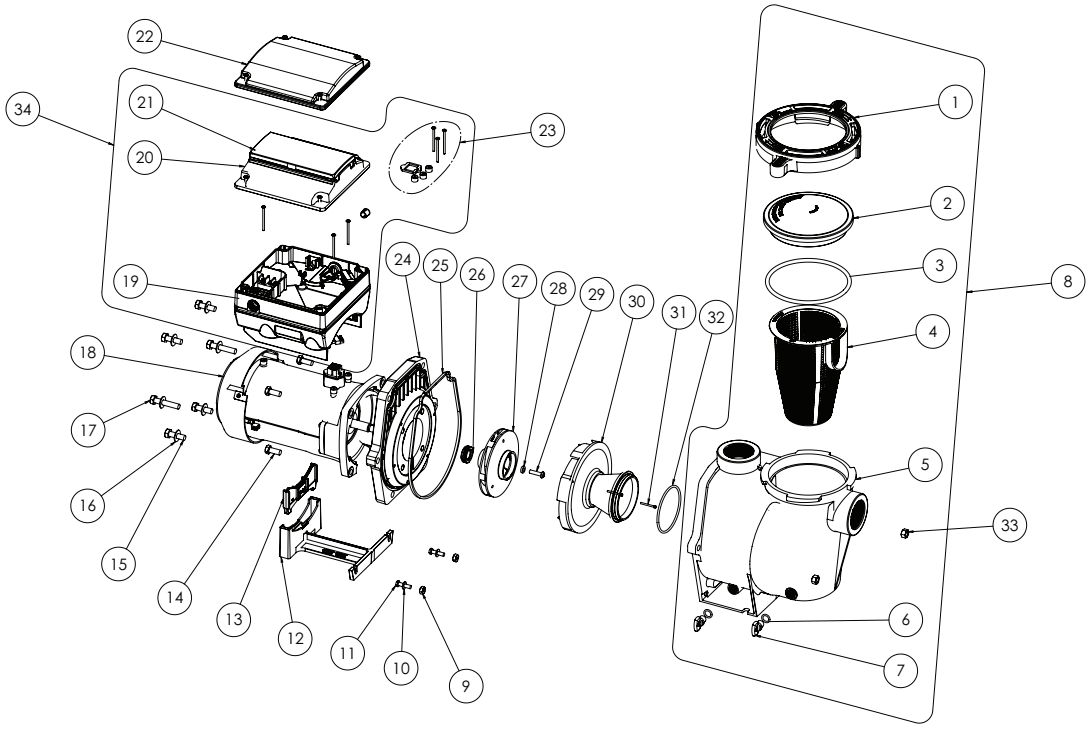
Item	Part No.	Description	US List	Can. List
INTELLIFLO VARIABLE SPEED & INTELLIFLO VS+SVRS				
1	070387Z	Basket WF	26.77	32.17
2	070429Z	Bolt, 3/8-16 X 7/8 SS Hex Head 18-8, 4 req.	5.03	6.04
3	070430Z	Bolt, 3/8-16 x 1-1/4 hex cap 18-8 S/S, 4 req.	4.02	4.83
5	070927Z	Foot WF, pump motor support, almond	61.41	73.79
6	070929Z	Foot insert WF pump, almond	30.82	37.03
7	071131Z	Plug drain WFE, almond, (2 req.)	9.85	11.84
8	071403	Nut, 3/8-16 brass nickel plated, 2 req.	CALL	CALL
9	071406Z	Nut, 1/4-20 hex S/S, 2 req.	2.60	3.12
11	071652Z	Screw, 1/4, 20 x 1 LH phillips pan MS 18-8 S/S, 1 req.	5.03	6.04
12	071657Z	Screw, 1/4-20 x 1 in. hex cap 18-8 S/S, 2 req.	5.03	6.04
15	072183Z	Washer, flat 1/4 x 5/8 20GA thick 18-8 S/S, 2 req.	2.48	2.98
13	072928Z	Diffuser assembly, black	60.48	72.67
17	073131Z	Impeller, IntelliFlo	160.28	192.59
18	075713Z	Rubber washer, WFE pump, 1 req.	2.89	3.47
19	192115Z	O-ring 112, .487 x .103 buna -N 70, 2 req.	4.04	4.85
20	350013Z	O-ring lid CH/WF 2-436, 1 req.	6.04	7.26
21	350015Z	Housing WFE, almond	366.49	440.37
22	350202	Seal plate kit, almond w/ gasket (Items 23, 35, 36)	322.49	387.50
23	357100Z	Black Gasket for Seal plate	10.34	12.42
23	357102Z	Almond Gasket for Seal plate	CALL	CALL
24	357151Z	Lid, see thru WF.	57.49	69.08
24	357156	Lid, Chemical Resistant	108.44	130.30
25	357199Z	Clamp cam & ramp WF, almond	76.56	91.99
26	357243Z	Pot WF assy., almond (contains 1, 7 (qty. 2), 19 (qty. 2), 20, 21, 24, 25	764.82	919.01
27	350621Z	Junction Box Cover - Almond	32.49	39.04
28	356879Z	IntelliFlo Variable Speed Drive Kit - Contains Drive and Control Cover Assy. (VS only)	2394.18	2876.85
28	351021	IntelliFlo VS+SVRS Drive Kit[1] - Contains Drive and Control Cover Assy. (SVRS drive)	CALL	CALL

Item	Part No.	Description	US List	Can. List
29	352401	Motor fan kit, almond (contains fan, shroud, hardware).	277.95	333.98
30	350601	Drive Control Cover assembly kit [2], almond (contains drive lid, screws, spacer caps, items 31, 32 (qty. 3), 33, 34 (qty. 3)	346.76	416.67
30	400100Z	Drive Control Cover assembly kit [3], almond (contains drive lid, screws, spacer caps, items 31, 32, (qty.3), 33, 34 (qty. 3)	346.76	416.67
31	350082	Control cover assembly (not sold individually - order assy. kit item #30)	CALL	CALL
32	350107Z	Screw 10-24 x 3¼ in. PH MS 18-8 s/s (qty. 3)	6.72	8.07
33	350108Z	IntelliFlo drive gasket	13.92	16.73
34	350142	Spacer cap (qty. 3)	70.47	84.68
35	071734S	Seal Kit	48.53	58.31
35	071732S	Mechanical Seal (ozone/salt resistant)	40.66	48.86
36	074564Z	Seal Plate - Almond	174.06	209.15
37	350105S	Motor VFD 3.2KW PMSM replacement, almond	1566.62	1882.45
NOT SHOWN				
	070118	Power end IntelliFlo Variable Speed (Contains items 2, 10, 11, 13, 15, 16, 17, 18, 19, 22, 28)	CALL	CALL
	350122Z	50 ft. Communication Cable	271.62	326.38
	357149	Almond Volute/Seal plate Replacement Kit (Items 1, 7 (Qty 2), 19 (Qty 2), 20, 21, 22, 23, 24, 25)	480.93	577.89
	350612	Hardware/gasket assy. kit (contains 3 screws, 3 spacer caps and drive gasket)	173.56	208.55
	357603	Union Kit (contains 2 complete unions for one pump, not included with pump).	178.84	214.89
	356198	WhisperFlo/IntelliFlo Quick Kit (includes 35, 10, 18, 23, 20, 19(x2)	53.55	64.35
	350199	Seal Plate Kit (ozone/salt resistant)	314.95	378.44

[1] Contact factory for IntelliFlo VS+SVRS2
[2] Used on pumps manufactured before 12/23/13
[3] Used on pumps manufactured after 12/23/13 to present

INTELLIFLO® i1 + i2 VARIABLE SPEED PUMP – AFTER APRIL 2016

REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
		INTELLIFO PUMP		
1	357199Z	Clamp, Cam and Ramp	76.56	91.99
2	357151Z	See-through Lid	57.49	69.08
3	350013Z	Lid O-Ring	6.04	7.26
4	070387Z	Strainer Basket	26.77	32.17
5	350015Z	Volute WF	366.49	440.37
6	192115Z	O-Ring 112 for Drain Plug (Qty 2)	4.04	4.85
7	071131Z	Drain Plug WF (2 req.)	9.85	11.84
8	357243Z	Volute Kit (Contains items #1-7)	764.82	919.01
9	071406Z	Nut 1/4-20 Hex SS (Qty 2)	2.60	3.12
10	072183Z	Washer, Flat 1/4" ID x 5/8" OD (Qty 2)	2.48	2.98
11	071657Z	Screw 1/4-20 x 1" Hex Cap SS, 2 req.	5.03	6.04
12	070927Z	Foot WF	61.41	73.79
13	070929Z	Foot Insert WFE Pump Motor Support	30.82	37.03
14	070429Z	Bolt, 3/8-16 X 7/8 SS Hex Head 18-8, 4 req.	5.03	6.04
16	072184	Washer, Flat 3/8" ID x 7/8 OD (Qty 6)	2.48	2.98
15	070430Z	Bolt, Hex Head 3/8-16 x 1.25" (Qty 4)	4.02	4.83
18	350305S	Motor, 3.2 kW 10 Pole	1566.62	1882.45
19	356878Z	Drive, Variable Speed	2059.50	2474.70
20	357527Z	Keypad Assembly Kit (Contains item #21)	592.10	711.47
21	400100	Keypad Cover	346.76	416.67
22	356904Z	Keypad Relocation Kit (Contains Keypad Relocation cable and Blank Drive Cover)	118.87	142.83
23	355685	Drive Hardware Kit (Contains Drive Screws, Drive Gasket and Screw Caps)	173.09	207.98
24	074564Z	Seal Plate	174.06	209.15
25	357100Z	Seal Plate Gasket	10.34	12.42

Item	Part No.	Description	US List	Can. List
26	071734S	Mechanical Seal	48.53	58.31
26	071732S	Mechanical Seal (ozone/salt resistant)	40.66	48.86
27	073128Z	Impeller, i1 Pump	160.28	192.59
27	073131A	Impeller, i2 Pump	153.76	184.76
28	075713Z	Rubber Washer, Impeller Set Screw	2.89	3.47
29	071652Z	Impeller Set Screw 1/4-20 LH Thread	5.03	6.04
30	072930	Diffuser, i1 Pump	121.74	146.28
30	072927Z	Diffuser, i2 Pump	121.74	146.28
31	071660Z	Diffuser Set Screw 4-40 x 1-1/8, 2 req.	5.21	6.26
32	355227Z	Diffuser O-Ring	5.21	6.26
33	071403	Nut 3/8" Brass, Nickel Plated (Qty 2)	CALL	CALL
34	356879Z	Drive Kit (Incl. Items #19-23)	2394.18	2876.85
		NOT SHOWN		
	350122Z	50 Ft. Communication Cable	271.62	326.38
	350202	Seal Plate Kit w/Mechanical Seal (Incl. Items #24, 25 and 26)	322.49	387.50
	357603	Union Kit (Incl. 2 complete unions for 1 pump - Not included with pump)	178.84	214.89
	356198	WhisperFlo/IntelliFlo Quick Kit (includes 26, 32, 25, 6(x2), 3 and 28)	53.55	64.35
	350199	Seal Plate Kit (Ozone/Salt resistant)	314.95	378.44
	352401	Motor Fan Kit	277.95	333.98

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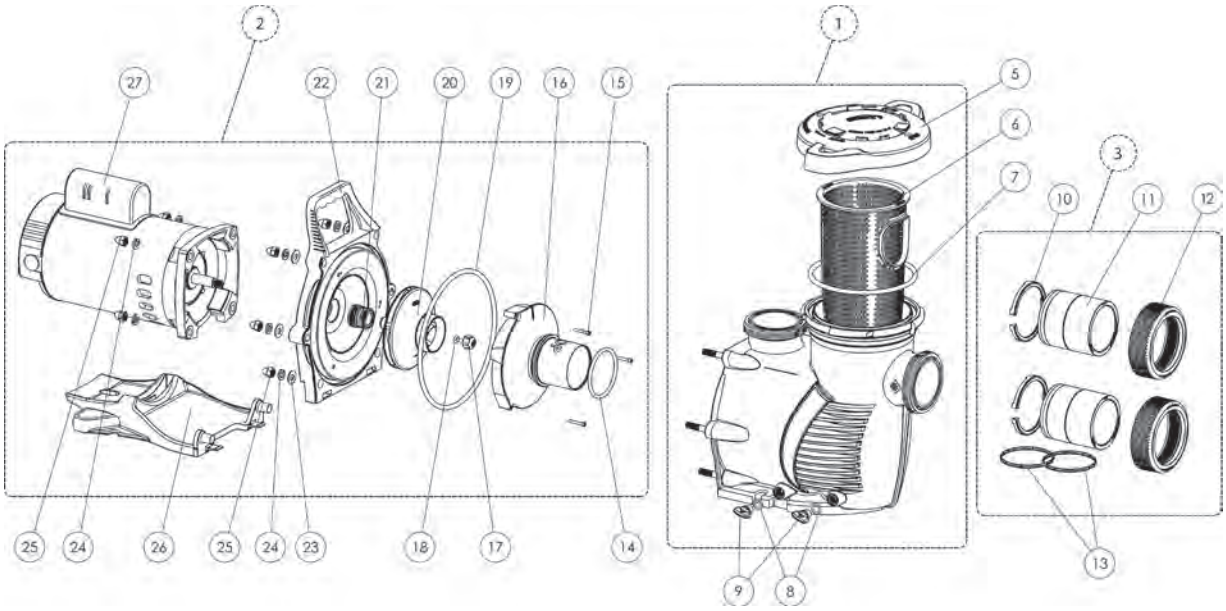
www.p65warnings.ca.gov. P/N 200174.A

WHISPERFLOXF® PUMP

REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
WHISPERFLOXF PUMP				
1	400000	Wet End Assembly	503.13	604.56
2	See chart on next page	Power End Assembly		
3	410020	Union Kit Without Tap	229.20	275.41
5	400006	Lid/Locking Ring Assembly	88.54	106.39
6	400007Z	XF Series Replacement Basket	55.37	66.53
7	35505-1440Z	Lid/Locking Ring O-Ring	29.77	35.77
8	192115Z	Drain Plug O-Ring	4.04	4.85
9	071131Z	Drain Plug (2 req.)	9.85	11.84
10	410001Z	2.5 in. C-Clip Locking Ring	11.24	13.51
11	410002Z	2.5 in. Union Adapter without Tap	53.10	63.80
12	411000	2.5 in. Union Nut	30.81	37.02
13	410016Z	2.5 in. Seal Kit - (Includes two)	18.93	22.75
14	350336Z	Diffuser O-Ring	5.26	6.32
15	353323Z	Diffuser Screw	5.23	6.28
16	See chart on next page	Diffuser		
17	37337-6080	Impeller Screw, Plastic Head (pumps mfg. before 10/7/2019)	30.83	37.05
17	356073	Impeller Screw, Metal-Head (pumps mfg. after 10/7/19)	17.46	20.98
18	072172	Impeller screw washer	0.38	0.46

Item	Part No.	Description	US List	Can. List
19	351446Z	Seal Plate O-Ring	10.02	12.04
20	See chart on next page	Impeller Assembly (includes screw and washer)		
21	17351-0101S	Mechanical Seal Assembly	41.75	50.17
22	400002	Seal Plate	332.52	399.56
23	072184	Flat Washer	2.48	2.98
24	U43-12SSZ	Split Lock Washer	4.55	5.47
25	071413	Acorn Nut	CALL	CALL
26	400004Z	Motor Base	61.41	73.79
27	See chart on next page	Motors		
NOT SHOWN				
	400030Z	Hardware and Orings Kit	100.61	120.89
	400031Z	Seal Plate Kit w/ Mechanical Seal	322.02	386.94
	400012	Riser Plate XF to Challenger	106.23	127.65
	400013Z	Motor End Cap and Screw	41.61	50.00
	357923Z	Fan Guard Kit TEFC/Super-Duty	CALL	CALL

CALIFORNIA PROPOSITION 65 WARNING

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www.p65warnings.ca.gov.

WHISPERFLOXF® PUMP (CONT'D)

REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
		IMPELLERS		
20	400020Z	XFET-8	187.03	224.74
20	400015Z	XFET-12	202.67	243.53
20	400023Z	XFET-20	218.22	262.21
20	400020Z	XF-8	187.03	224.74
20	400015Z	XF-12	202.67	243.53
20	400020Z	XFE-8	187.03	224.74
20	400015Z	XFE-12	202.67	243.53
20	400023Z	XFE-20	218.22	262.21
20	400020Z	XFDS-8	CALL	CALL
20	400015Z	XFDS-12	CALL	CALL
20	400020Z	XFDS-30	CALL	CALL
20	400020Z	XF-30	187.03	224.74
20	400020Z	XFE-30	187.03	224.74
20	400020Z	XFJ-8	187.03	224.74
20	400015Z	XFJ-12	202.67	243.53
20	400023Z	XFJ-20	218.22	262.21
20	400020Z	XFK-8	187.03	224.74
20	400015Z	XFK-12	202.67	243.53
20	400023Z	XFK-20	218.22	262.21
		MOTORS		
27	354815S	2hp 1-Phase TEFC 208-230V	1019.51	1225.04
27	354817S	3hp 1-Phase TEFC 208-230V	1331.64	1600.10
27	354819S	5hp 1-Phase TEFC 208-230V	1598.30	1920.52
27	354809S	2hp 3 Phase 208-230-460V	CALL	CALL
27	354811S	3hp 3 Phase 208-230-460V	CALL	CALL
27	354813S	5hp 3 Phase 208-230-460V	CALL	CALL
		DIFFUSERS		
16	400010Z	XFET-8	145.51	174.84
16	400010Z	XFET-12	145.51	174.84
16	400011Z	XFET-20	157.06	188.72
16	400010Z	XF-8	145.51	174.84
16	400010Z	XF-12	145.51	174.84
16	400010Z	XFE-8	145.51	174.84
16	400010Z	XFE-12	145.51	174.84
16	400011Z	XFE-20	157.06	188.72

Item	Part No.	Description	US List	Can. List
16	400010Z	XFDS-8	145.51	174.84
16	400010Z	XFDS-12	145.51	174.84
16	400010Z	XFDS-30	145.51	174.84
16	400010Z	XF-30	145.51	174.84
16	400010Z	XFE-30	145.51	174.84
16	400010Z	XFJ-8	145.51	174.84
16	400010Z	XFJ-12	145.51	174.84
16	400011Z	XFJ-20	157.06	188.72
16	400010Z	XFK-8	145.51	174.84
16	400010Z	XFK-12	145.51	174.84
16	400011Z	XFK-20	157.06	188.72
		POWER ENDS		
2	400632Z	2hp 1-Phase TEFC 208-230V	2003.20	2407.05
2	400612Z	2hp Standard E 230V	1842.83	2214.34
2	400611Z	5hp High Eff 208-230V	2419.50	2907.27
2	400612Z	2.5hp Uprated Standard E 230V	1842.83	2214.34
2	400617Z	2hp 3 Phase 208-230-460V	CALL	CALL
2	400618Z	3hp 3 Phase 208-230-460V	2049.85	2463.10
2	400619Z	5hp 3 Phase 208-230-460V	2366.10	2843.11

Note: Pumps and replacement motors that are single speed and one (1) Total HP or greater cannot be sold, offered for sale, or installed in a residential pool for filtration use in California, Title 20 CCR sections 1601-1609.

CALIFORNIA PROPOSITION 65 WARNING

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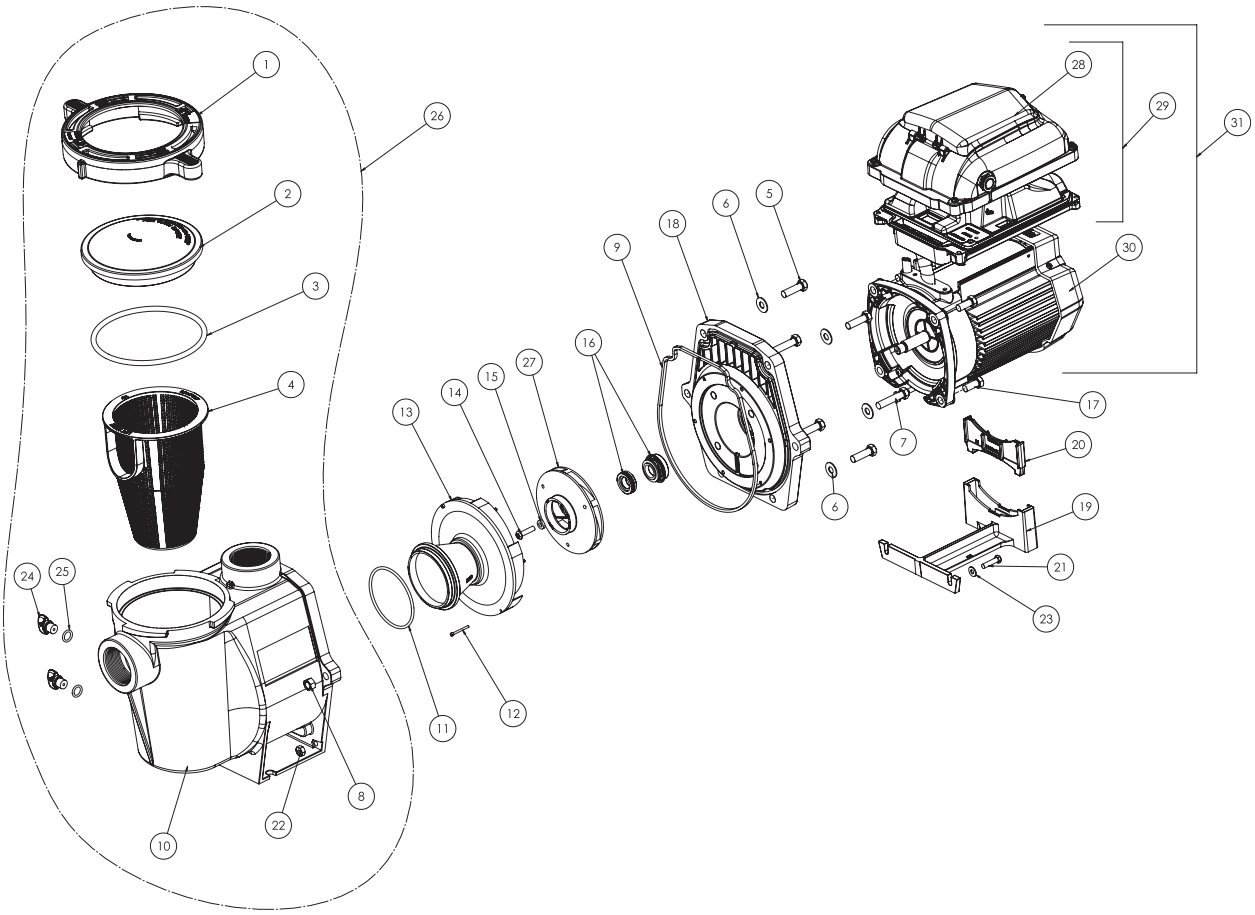
WHISPERFLO® VST

REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
		WHISPERFLO VST		
1	357199Z	Lid Clamp	76.56	91.99
2	357151Z	Lid	57.49	69.08
2	357156	Lid, Chemical Resistant	108.44	130.30
3	350013z	O-ring, Lid	6.04	7.26
4	070387z	Strainer Basket	26.77	32.17
5	070430Z	Bolt, 3/8 - 16 x 1-1/4 Hex Head. SS, 4 Req.	4.02	4.83
6	072184	Washer, 3/8 x 7/8 O.D. SS, 6 Req.	2.48	2.98
9	357100z	Gasket, Seal Plate	10.34	12.42
10	350015Z	Strainer Pot	366.49	440.37
11	355227z	O-ring, Diffuser	5.21	6.26
13	072927z	Diffuser	121.74	146.28
14	071652z	Impeller Screw, 1/4 - 20 x 1 in., LH, Phillips	5.03	6.04
15	075713Z	Washer, Impeller Screw	2.89	3.47
16	071734s	Shaft Seal, PA-7 w/ Ceramic Seat, PS1000	48.53	58.31
16	071732s	Shaft Seal, Ozone/Salt Resistant	40.66	48.86
17	070429z	Bolt, Motor/Seal Plate, 4 Req.	5.03	6.04
18	350202	Seal Plate Kit (Shaft Seal installed) (Incl. Items 9, 16 & 18)	322.49	387.50
19	070927Z	Motor Foot	61.41	73.79
20	070929Z	Insert, Motor Foot	30.82	37.03
22	071406Z	Nut, Motor Foot, 2 Req.	2.60	3.12

Item	Part No.	Description	US List	Can. List
24	071131z	Drain Plug, 2 Req.	9.85	11.84
25	192115	O-ring, Drain Plug, 2 Req.	CALL	CALL
26	357149	Strainer Pot/Seal Plate Kit, (Incl. Items: 1-4, 9, 10, 16, 18, 24, and 25)	480.93	577.89
27	073130Z	Impeller	160.28	192.59
28	-	Drive Cover (if mfg. date is before May 2025, order part no. 358211; if May 2025 or later, order part no. 358215)	502.91	604.30
29	358211	Drive Kit	1637.19	1967.25
30	356286s	Motor	927.24	1114.17
31	356289s	Motor/Drive Assembly	2172.76	2610.79
		NOT SHOWN		
	075455	Fluid Assembly, (Incl. All Items EXCEPT 31)	CALL	CALL
	357243Z	Strainer Pot Assembly, (Incl. Items 1-4, 10, 24 and 25)	764.82	919.01
	356324z	RS-485 Automation Wiring Kit	120.32	144.58
	357923z	Motor Fan Guard Kit	CALL	CALL

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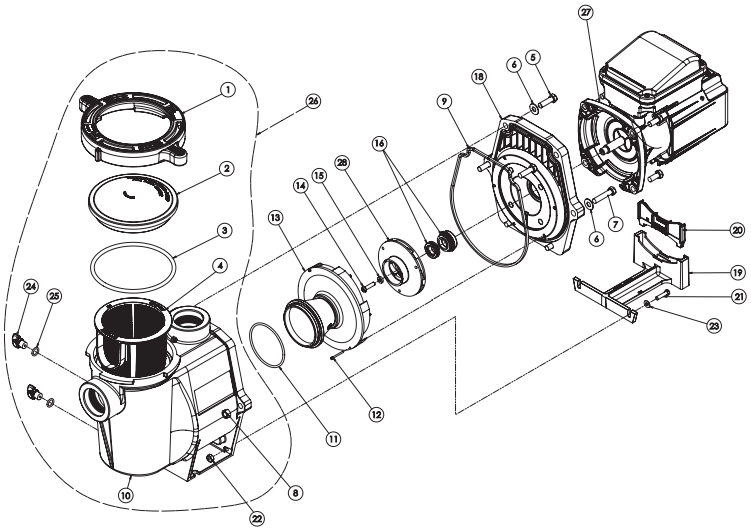
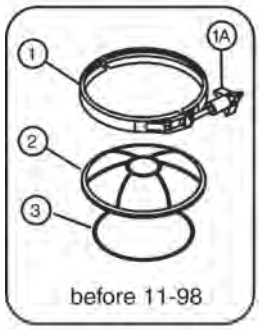
WHISPERFLO® PUMP

REPLACEMENT PARTS





Item	Part No.	Description	US List	Can. List
		WHISPERFLO PUMPS		
1	070711	Clamp band assembly, SS, WF/AQ [5] (old style)	141.40	169.91
1	357150Z	Clamp, Cam & RampTM, plastic, black, WF [7]	76.35	91.74
1	357199Z	Clamp, Cam & Ramp, plastic, almond, WF [8]	76.56	91.99
1A	071136Z	Knob, only [5]	36.92	44.36
2	070795	Cover, clear, AQ/WFE pump [5] (old style)	79.95	96.07
2	357151Z	Cover, clear, WFE pump [6]	57.49	69.08
2	357156	Cover, chemical resistant Cam & Ramp	108.44	130.30
3	071422	O-ring, AQ/WFE cover [5]	11.08	13.31
3	350013Z	O-ring, WFE cover [6]	6.04	7.26
4	070387Z	Basket	26.77	32.17
5	070430Z	Bolt, 3/8, 16 x 1-1/4 hex hd. SS, 4 req.	4.02	4.83
6	072184	Washer, 3/8 x 13/16 o.d. SS, 6 req.	2.48	2.98
9	357100Z	Black Gasket for Seal Plate [14]	10.34	12.42
10	350015Z	Volute, almond	366.49	440.37
10	357157Z	Volute, black	365.51	439.20
11	355227Z	O-ring parker No.2-238, WFE pump	5.21	6.26
13	072928Z	Diffuser assembly, WFE-12, 3 HP; WFK-12, 3HP models	60.48	72.67
13	072927Z	Diffuser assembly, WFE-2–8, 1/2 HP – 2-1/2 HP	121.74	146.28
14	071652Z	Set screw, 1/4, 20 x 1 lh. phillips	5.03	6.04
15	075713Z	Rubber washer, WFE pump	2.89	3.47
16	071734S	Seal PA-7 w/ ceramic seat, PS1000	48.53	58.31
16	071732S	Mechanical Seal (ozone/salt resistant)	40.66	48.86
17	070429Z	Bolt, 3/8-16 X 7/8 SS Hex Head 18-8, 4 req.	5.03	6.04
18	350202	Seal Plate Kit, Almond with Gasket (Includes Mechanical Seal Installed and Seal Plate Gasket) Items 9, 16 & 18	322.49	387.50

Item	Part No.	Description	US List	Can. List
18	350101	Seal Plate Kit WFE Black (Includes Mechanical Seal installed) Items 16 & 18	CALL	CALL
19	070927Z	Foot, WFE-4 pump, almond	61.41	73.79
19	357159Z	Foot, black [9]	61.57	73.98
20	070929Z	Foot insert, WFE pump, almond	30.82	37.03
22	071406Z	Nut, 1/4, 20 hex. hd. SS, 2 req.	2.60	3.12
24	071131Z	Knob plug drain, almond (2 req.)	9.85	11.84
24	357161Z	Knob plug drain, 2 req., black [9]	8.07	9.70
25	192115Z	O-Ring drain plug, 2 req.	4.04	4.85
26	357149	Almond Volute/Seal plate kit [6] (Includes items 1-4, 9, 10, 16, 18, 24, 25.)	480.93	577.89
		MOTORS		
27	356363S	1.1 THP Motor	783.11	940.98
27	354803S	3/4 HP, 1SP, TEFC	668.68	803.49
27	354821S	1 HP, 1SP, TEFC, WFET- 4	726.14	872.53
27	354823S	1-1/2 HP, 1SP, TEFC, WFET- 6	855.29	1027.72
27	354815S	2 HP, 1SP, TEFC, WFET- 8	1019.51	1225.04
27	354817S	3 HP, 1SP, TEFC, WFET- 12	1331.64	1600.10

Note: Pumps and replacement motors that are single speed and one (1) Total HP or greater cannot be sold, offered for sale, or installed in a residential pool for filtration use in California, Title 20 CCR sections 1601-1609.

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WHISPERFLO® PUMP (CONT'D)

REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
		IMPELLERS		
28	073126	Impeller (WF-2, WF-23, WFE-2, WFK-2,)	159.85	192.08
28	073127Z	Impeller (WFE-3, WFE-24, WF-3, WF-24, WFK-3, WFDS-3, WFDS-24)	160.28	192.59
28	073128Z	Impeller (WFE-4, WFE-26, WF-4, WF-26, WFK-4, WFDS-4, WFDS-26)	160.28	192.59
28	073129Z	Impeller (WF-6, WF-28, WFE-6, WFE-28, WFK-6, WFDS-6, WFDS-28)	160.28	192.59
28	073130Z	Impeller (WF-8, WF-30, WFE-8, WFE-30, WFK-8, WFDS-8, WFDS-30)	160.28	192.59
28	073131Z	Impeller (WFE-12, WF-12, WFK-12)	160.28	192.59
		POWER END SUBASSY. INCLUDES ITEMS No. 12 THRU 18, 27, 28 , CONT.		
	075145	WFDS-3, WFDS-24	CALL	CALL
	075136	WFE-2	CALL	CALL
	075140	WFE-8, WFE-30 [3]	CALL	CALL
	075141	WFE-12 [3]	CALL	CALL
	075142	WFDS-4, WFDS-26 [11]	CALL	CALL
	075143	WFDS-6, WFDS-28 [11]	CALL	CALL
	075144	WFDS-8, WFDS-30 [11]	CALL	CALL
	075253	WF-4, WF-26 [10]	CALL	CALL
	075255	WF-8, WF-30 [10]	CALL	CALL
		NOT SHOWN		
	350202	Seal Plate Kit: Seal plate (almond), Gasket (black), with installed Seal (Includes items 9, 16, & 18)	322.49	387.50
	350203	Seal Plate Kit: Seal plate (black), Gasket (black), with installed Seal (Includes items 9, 16, & 18)	322.49	387.50
	356198	WhisperFlo/IntelliFlo Quick Kit (includes 16, 9, 11, 3, 145, 25(x2))	53.55	64.35
	357243Z	Pot Assembly, Almond NPT. (Includes items 1-4, 10, 24 (qty. 2), 25 (qty. 2))	764.82	919.01
	355002S	Motor for Pump 340061	CALL	CALL
	400013Z	ODP Motor End Cap and Screw	41.61	50.00
	357923Z	Fan Guard Kit TEFC/Super-Duty	CALL	CALL
	350199	Seal Plate Kit (ozone/salt resistant)	314.95	378.44

[1] Used on pumps manufactured before 6-94.

[2] Used on pumps manufactured after 6-94.

[3] Energy efficient single phase.

[4] Pumps manufactured before 11-98 require a volute replacement kit (357149) when replacing items No.9-gasket, No.10-volute, or No.18-seal plate. This kit will update the pump to the new configuration using the "Cam and Ramp" lid design.

[5] Used on pumps manufactured before 11-98.

[6] Used on pumps manufactured after 11-98. Includes items 1-4, 9, 10, 16, 18, 24, 25.

[7] Used on pumps manufactured between 11-98 thru 12-17-99.

[8] Used on pumps manufactured after 12-17-99.

[9] CSA/CUL (only) for Canada.

[10] Standard efficiency, single phase.

[11] Two Speed, single phase.

[12] Includes items 16 & 18.

[14] 2-1-08 to present.

[15] 1-31-08 and prior.

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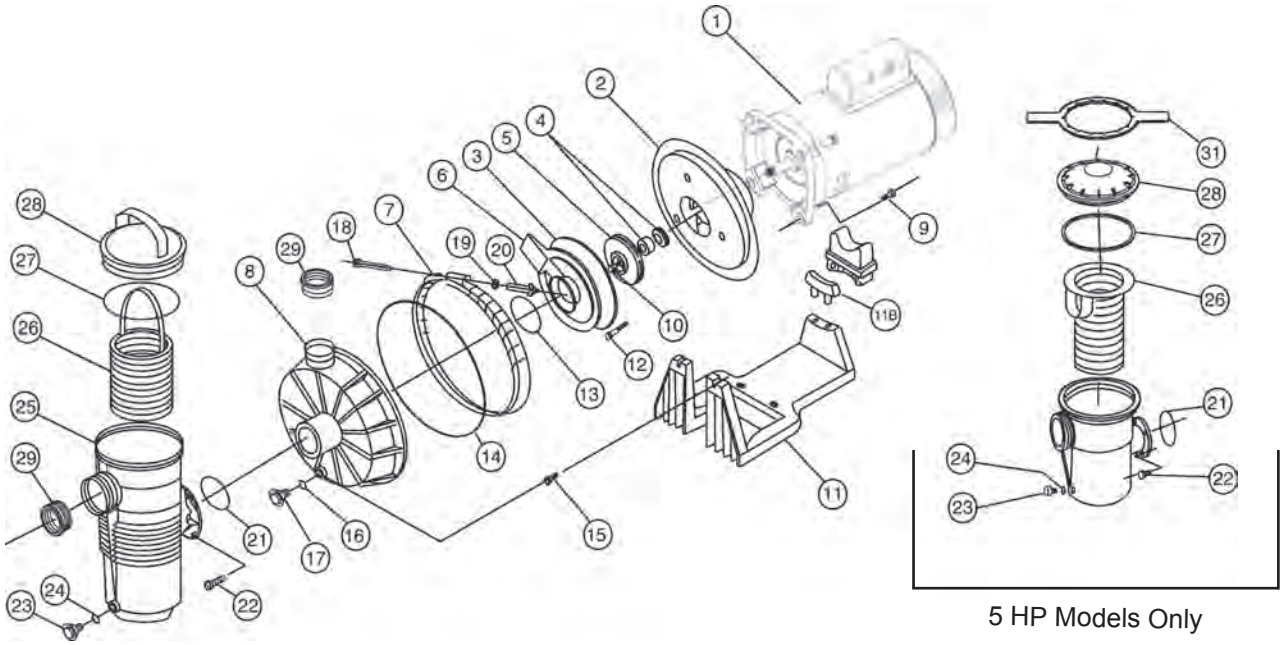
CHALLENGER® HIGH FLOW PUMP

REPLACEMENT PARTS



5 HP Models Only

Item	Part No.	Description	US List	Can. List
		CHALLENGER HIGH FLOW PUMP MOTORS		
1	354804S	3/4HP, 1SP,1PH, TEFC, 115/208-230	593.93	713.67
1	354822S	1HP, 1SP,1PH, TEFC, 115/208-230	726.14	872.53
1	354824S	1-1/2HP, 1SP,1PH, TEFC, 208-230	855.29	1027.72
1	354816S	2HP, 1SP,1PH, TEFC, 208-230	1019.06	1224.50
2	355004Z	Plate, seal - black	163.11	195.99
3	355495Z	Plate, mounting 5F	22.05	26.50
4	354545S	Seal, 5/8 in. mechanical	45.83	55.07
	356210S	Seal, mechanical (ozone/salt resistant)	51.07	61.37
5	355043	Impeller, 1/2F, 3/4A	87.14	104.71
5	355067Z	Impeller, 3/4F, 1A	95.25	114.45
5	355074Z	Impeller, 1F, 1-1/2A	95.25	114.45
5	355086Z	Impeller, 1-1/2F, 2A	95.25	114.45
5	355093	Impeller, 2F, 2-1/2A	92.18	110.76
5	355068	Impeller, 3F 50 Hz/5F 60 Hz	88.88	106.80
6	355029Z	Diffuser, 1/2F, 3/4F, 3/4A, 1A	64.73	77.78
6	355077	Diffuser, 1F, 1-1/2F, 1-1/2A, 2A	64.73	77.78
6	355094Z	Diffuser, 2F, 2-1/2A	69.39	83.38
6	355069	Diffuser, 3F, 50 Hz/5F 60 Hz	59.85	71.92
7	354629Z	Band clamp assembly, complete	127.36	153.04

Note: Pumps and replacement motors that are single speed and one (1) Total HP or greater cannot be sold, offered for sale, or installed in a residential pool for filtration use in California, Title 20 CCR sections 1601-1609.

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CHALLENGER® HIGH FLOW PUMP (CONT'D)

REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
		CHALLENGER HIGH FLOW PUMPS		
8	355468Z	Housing, front, black [4]	238.09	286.09
8	355469	Housing, front, almond [4]	237.44	285.31
9	070429Z	Bolt, 3/8-16 X 7/8 SS Hex Head 18-8, 4 req.	5.03	6.04
10	355389Z	Screw, impeller locking	3.61	4.34
11	355305	Base, pump [1]	79.21	95.18
12	355334Z	Screw, No.8, 32 hex wsh. hd., 3 req.	5.03	6.04
13	355030Z	O-ring, diffuser (all except 5 HP)	15.00	18.02
13	355331Z	O-ring diffuser, 5 HP only	5.03	6.04
14	355329Z	O-ring, front housing	26.90	32.32
16	192115Z	O-ring, drain plug	4.04	4.85
17	357161Z	Plug, 1/4 in. drain	8.07	9.70
18	152060	Bolt, 5/16, 18 x 4 in. carriage [2]	17.17	20.63
19	072173	Washer, 5/16 in. SS flat	2.84	3.41
20	174882	Knob (fits clamp w/ removable bolt only)	56.32	67.67
20	175025Z	Knob (fits clamp w/ captured T-bolt only)	56.32	67.67
21	355330Z	O-ring, strainer pot flange	2.89	3.47
23	357161Z	Plug, 1/4 in. drain	8.07	9.70
24	192115Z	O-ring, drain plug	4.04	4.85
25	355300Z	Strainer, pot, black [3]	234.74	282.06
26	355318Z	Basket, plastic strainer	65.69	78.93
26	355441Z	Basket, SS Strainer (3F Only)	302.65	363.66
26	355901	Basket, SS strainer, 5F	656.04	788.30
27	350013Z	O-ring, lid	6.04	7.26
27	152509Z	Square ring, 8-1/2 in. (5 HP only)	11.74	14.11
28	355301Z	Lid, strainer pot	103.36	124.20
31	154527Z	Wrench, 8-1/2 in.	47.05	56.54
		POWER END ASSEMBLIES (INCLUDES ITEMS 1-6, 9, 12 AND 13)		
	355637	CF-N1-3/4F, 1A std., 115/208-230	CALL	CALL
	355984	CF-N1-3/4FE, 1AE 115/208-230	CALL	CALL
	355639	CF-N1-1-1/2FE, 2AE 208-230	CALL	CALL
	355986	CF-N1-2FE, 2-1/2AE 208-230	CALL	CALL
	355641	CF-N2-1F, 1-1/2A 2 sp. std., 230 only	CALL	CALL
	345211	CFII-N1-5FE, power end	CALL	CALL

Item	Part No.	Description	US List	Can. List
		NOT SHOWN		
	356199	Challenger Quick Kit (includes 4, 13, 14, 21, 27, 16, 24)	58.45	70.23
	359507Z	Pot Assembly, Black with plastic bracket (all models except 3F and 5F) Includes items 23–28.	413.22	496.53
	401014Z	Motor End Cap and Screw	41.72	50.13
	357924Z	Fan Guard Kit TEFC/Super-Duty	CALL	CALL

[1] Pump base (item 11) includes dual radius motor support adapter (item 11B) which fits both 5-5/8 in. & 6-1/2 in. dia. motors.

[2] Item 18, carriage bolt is a replacement part for old style clamp band assembly (item 7).

[3] Includes items 23 & 24.

[4] Includes items 16 & 17.

Note: Challenger booster pumps consist of 1-20.

Note: Challenger pumps consist of all items except No.15.

Note: When ordering replacement motor, give all information on motor name plate.

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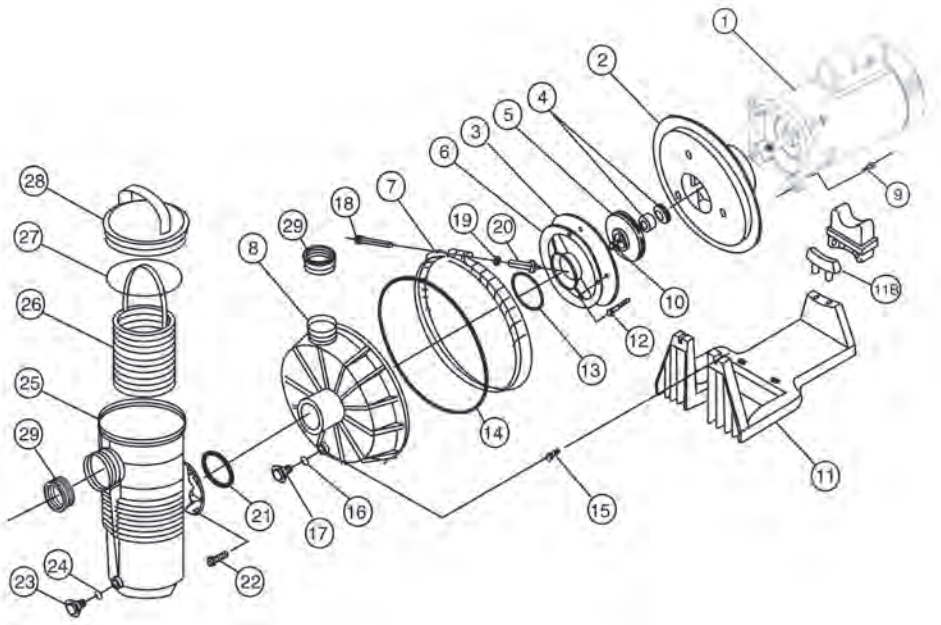
CHALLENGER® HIGH PRESSURE PUMP
REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
CHALLENGER HIGH PRESSURE PUMP MOTORS				
1	354804S	3/4HP, 1SP,1PH, TEFC, 115/208-230	593.93	713.67
1	354822S	1HP, 1SP,1PH, TEFC, 115/208-230	726.14	872.53
1	354824S	1-1/2HP, 1SP,1PH, TEFC, 208-230	855.29	1027.72
1	354816S	2HP, 1SP,1PH, TEFC, 208-230	1019.06	1224.50
1	354818S	3HP, 1SP, 1PH, TEFC, 208-230	1331.64	1600.10
1	354806S	1 HP, 3 ph sq. flg. 208-230/460	688.51	827.31
1	354808S	1-1/2 HP, 3 ph sq. flg. 208-230/460	856.03	1028.61
1	354810S	2 HP, 3 ph sq. flg. 208-230/460	955.02	1147.55
1	354812S	3HP, 3 ph sq. flg. 208-230/460	1251.71	1504.05
1	354814S	5HP, 3 ph, sq. flg. 208-230/460	1521.51	1828.25
2	355004Z	Plate, seal - black	163.11	195.99
3	355317	Plate, mount 3/4F thru 3F, 1A thru 2-1/2A	23.84	28.65
4	354545S	Seal, 5/8 in. mechanical PS 200	45.83	55.07
	356210S	Seal, mechanical (ozone/salt resistant)	51.07	61.37
5	355147Z	Impeller, 1/2F, 3/4A	87.14	104.71
5	355187	Impeller, 3/4F, 1A	88.88	106.80
5	355369Z	Impeller, 1F, 1-1/2A	95.25	114.45
5	355315Z	Impeller, 1-1/2F, 2A	95.25	114.45
5	355604Z	Impeller, 2F, 2-1/2A [1]	95.25	114.45
5	355544	Impeller, 3F	118.26	142.10
6	355188Z	Diffuser, 3/4F, 1F, 1A, 11/2A	51.87	62.33
6	355270Z	Diffuser, 1-1/2F, 2A	53.60	64.41
6	355545Z	Diffuser, 3F, 2.5A, 2F [2]	88.57	106.43
7	355320Z	Band, clamp assembly complete	138.74	166.71
8	355468Z	Housing, front, black	238.09	286.09
8	355469	Housing, front, almond	237.44	285.31
9	070429Z	Bolt, 3/8-16 X 7/8 SS Hex Head 18-8, 4 req.	5.03	6.04
10	355389Z	Screw, imp. locking	3.61	4.34

Item	Part No.	Description	US List	Can. List
11	355305	Base, pump [3]	79.21	95.18
12	355334Z	Screw, 8-32 x 1 in. SS hex wsh. hd., 3 req.	5.03	6.04
13	355331Z	O-ring, diffuser	5.03	6.04

CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov. P/N 350174.A

CHALLENGER® HIGH PRESSURE PUMP (CONT'D)

REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
		CHALLENGER HIGH PRESSURE PUMPS		
14	355329Z	O-ring, front housing	26.90	32.32
16	192115Z	O-ring, drain plug	4.04	4.85
17	357161Z	Plug, 1/4 in. drain	8.07	9.70
18	152060	Bolt, 5/16 in., 18 x 4 in. carriage [5]	17.17	20.63
19	072173	Washer, 5/16 in. SS flat	2.84	3.41
20	174882	Knob (fits clamp w/ removable bolt only)	56.32	67.67
20	175025Z	Knob (fits clamp w/ captured t-bolt only)	56.32	67.67
21	355330Z	O-ring, strainer pot flange	2.89	3.47
23	357161Z	Plug, 1/4 in. drain	8.07	9.70
24	192115Z	O-ring, drain plug	4.04	4.85
25	355300Z	Pot strainer	234.74	282.06
26	355318Z	Basket, plastic strainer (all except 3F)	65.69	78.93
26	355441	Basket, SS strainer (3F only)	302.65	363.66
27	350013Z	O-ring, lid	6.04	7.26
28	355301Z	Lid, strainer pot	103.36	124.20
		POWER END ASSEMBLIES (INCLUDES ITEMS 1-6, 9, 10, 12 AND 13)		
	355670	CH-N1-1/2F, 3/4A std. power end 115/208-230	CALL	CALL
	355671	CH-N1-3/4F, 1A std. power end 115/208-230	CALL	CALL
	355672	CH-N1-1F, 1-1/2A std. power end 115/208-230	CALL	CALL
	355669	CH-N1-11/2F, 2A std. power end 115/208-230	CALL	CALL
	355674	CH-N1-1FE, 1-1/2AE power end 115/208-230	CALL	CALL
	355675	CH-N1-1-1/2FE, 2AE power end 208-230	CALL	CALL
	355676	CH-N1-2FE, 2-1/2AE power end 208-230 [1]	CALL	CALL

Item	Part No.	Description	US List	Can. List
		NOT SHOWN		
	355302	Housing booster pump	328.58	394.82
	359507	Pot Assembly, Black with plastic bracket (all models except 3F and 5F) Includes items 23–28.	413.22	496.53
	356199	Challenger Quick Kit (includes 4, 13, 14, 21, 27, 16, 24)	58.45	70.23
	401014Z	Motor End Cap and Screw	41.72	50.13
	357924Z	Fan Guard Kit TEFC/Super-Duty	CALL	CALL

[1] Used on 2F, 2-1/2A pumps built after 10-1-92.

[2] Used on 2F, 2-1/2A pumps built prior to 10-1-92. Must replace w/ both diffuser 355545Z & impeller 355604Z.

[3] Pump base, (item 11) includes dual radius motor support adapter (item 11B), which fits both 5-5/8 in. & 6-1/2 in. dia. motors.

[4] Item 11A motor support is a replacement part that fits only older style pump bases with rectangular opening.

[5] Carriage bolt (item 18) fits prev. style clamp band assembly (item 7).

Note: Challenger booster pumps consist of items 1–20.

Note: Challenger pool pumps consist of all items except item 15.

Note: Pumps and replacement motors that are single speed and one (1) Total HP or greater cannot be sold, offered for sale, or installed in a residential pool for filtration use in California, Title 20 CCR sections 1601-1609.

CALIFORNIA PROPOSITION 65 WARNING

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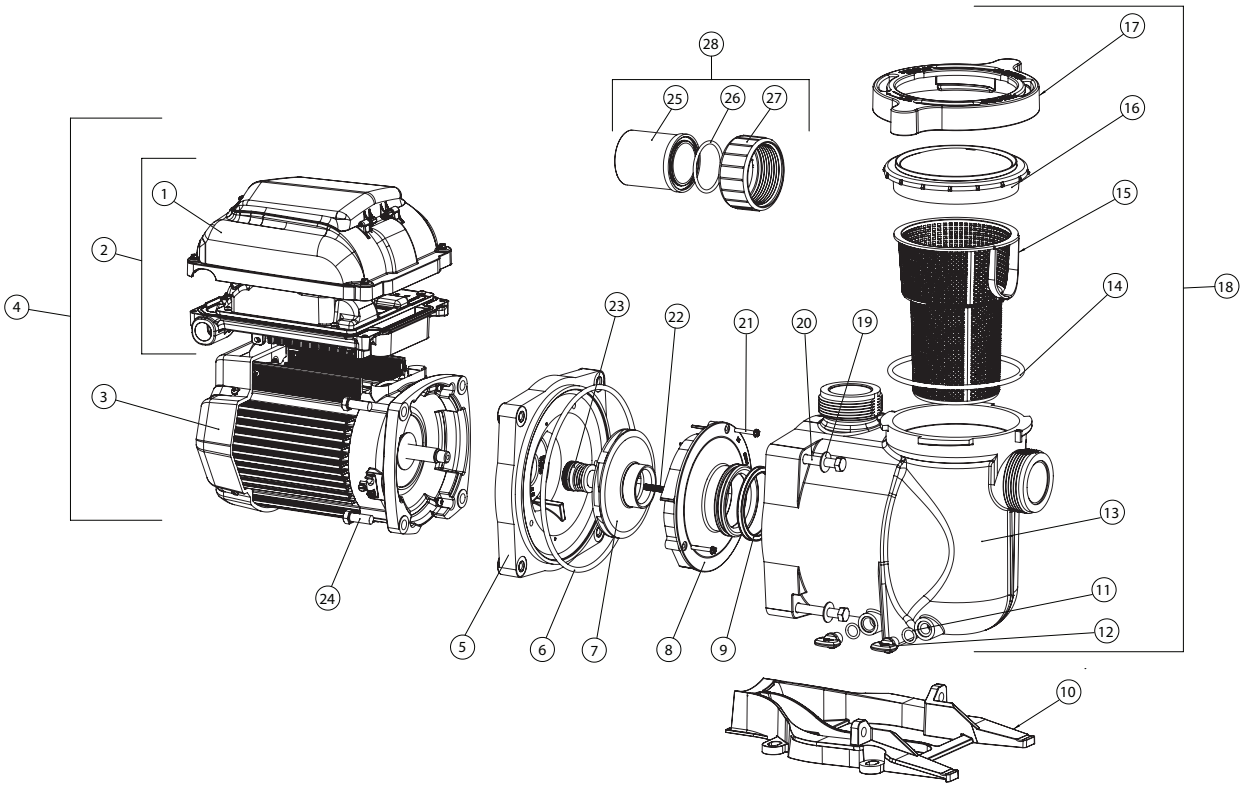
www.p65warnings.ca.gov. P/N 201714.A

SUPERFLO® VS/VST VARIABLE SPEED PUMP- AFTER OCTOBER 2020

SUPERMAX® VS VARIABLE SPEED PUMP- AFTER OCTOBER 2020

REPLACEMENT PARTS



CALIFORNIA PROPOSITION 65 WARNING

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www.p65warnings.ca.gov. P/N 200174.A

SUPERFLO® VS/VST VARIABLE SPEED PUMP– AFTER OCTOBER 2020

SUPERMAX® VS VARIABLE SPEED PUMP– AFTER OCTOBER 2020 (CONT'D)

REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
		SUPERFLO VS/VST & SUPERMAX VS VARIABLE SPEED PUMPS		
1	-	Drive Cover (RS-485), Almond (if mfg. date is before May 2025, order part no. 358211; if May 2025 or later, order part no. 358215)	502.91	604.30
1	-	Drive Cover (if mfg. date is before May 2025, order part no. 358215; if May 2025 or later, order part no. 358216)	728.03	874.80
2	358211	Drive Kit , (RS-485), Almond	1637.19	1967.25
2	358212	Drive Kit, (RS-485), Black	1375.14	1652.37
3	356286S	Motor TEFC, Almond	927.24	1114.17
3	356287S	Motor TEFC, Black	927.24	1114.17
4	356288S	Motor/Drive Assembly, Almond	2076.18	2494.74
4	358204Z	Motor/Drive Assembly (RS-485), Almond	2172.76	2610.79
4	358205Z	Motor/Drive Assembly (RS-485), Black	3145.26	3779.34
5	356071Z	Sealplate[4], Almond	139.49	167.61
5	356072Z	Sealplate, Black	139.49	167.61
6	355619Z	Sealplate Gasket	17.33	20.82
7	C105-238PDCA	Impeller	128.92	154.91
8	355949Z	Diffuser	153.68	184.66
9	355331Z	Diffuser Seal	5.03	6.04
10	350094Z	Base, Almond	154.09	185.15
12	071131Z	Drain Plug, Almond (2 req.)	9.85	11.84
12	357161Z	Drain Plug, Black (Qty. 2)	8.07	9.70
11	192115Z	O-Ring Drain Plug (Qty. 2)	4.04	4.85
13	350089Z	Strainer Pot, Almond	472.22	567.42
13	351089Z	Strainer Pot, Black	438.04	526.35
14	357255Z	Lid O-Ring	8.84	10.62
15	355667Z	Strainer Basket	34.93	41.97
16	350091Z	Lid	52.15	62.66
17	350090Z	Locking Ring, Almond	64.96	78.06
17	351090	Locking Ring, Black	64.78	77.84
18	353010Z	Strainer Pot Assembly, Almond (Includes Items 11-17)	646.86	777.27
18	353110	Strainer Pot Assembly, Black (Includes Items 11-17)	873.92	1050.10
19	072184	Washer 3/8 In. SS, (Qty. 4)	2.48	2.98
21	355334Z	Diffuser Screw (Qty. 3)	5.03	6.04
22	355389Z	Impeller Screw	3.61	4.34
23	17351-0101S	Shaft Seal	41.75	50.17
20	354290	Bolt, Hex, 3/8-16 (Qty. 4)	CALL	CALL
25	350093Z	Union Adapter, (Qty. 2)	29.12	34.99
26	6020018Z	Union Adapter O-ring (Qty. 2)	2.89	3.47
27	270141Z	Union Nut, Black (Qty. 2)	31.27	37.57
28	351157	SuperFlo/SuperMax Union Kit (includes items 25-27) (Qty 2)	135.49	162.80
*	356324Z	RS-485 Automation Wiring Kit, 25 ft.	120.32	144.58
*	357923Z	Motor Fan Guard Kit, TEFC Super-Duty, Almond	CALL	CALL
*	357924Z	Motor Fan Guard Kit, TEFC Super-Duty, Black	CALL	CALL
*	356958	Seal Kit SuperFlo Pump	CALL	CALL

* Not Shown

CALIFORNIA PROPOSITION 65 WARNING

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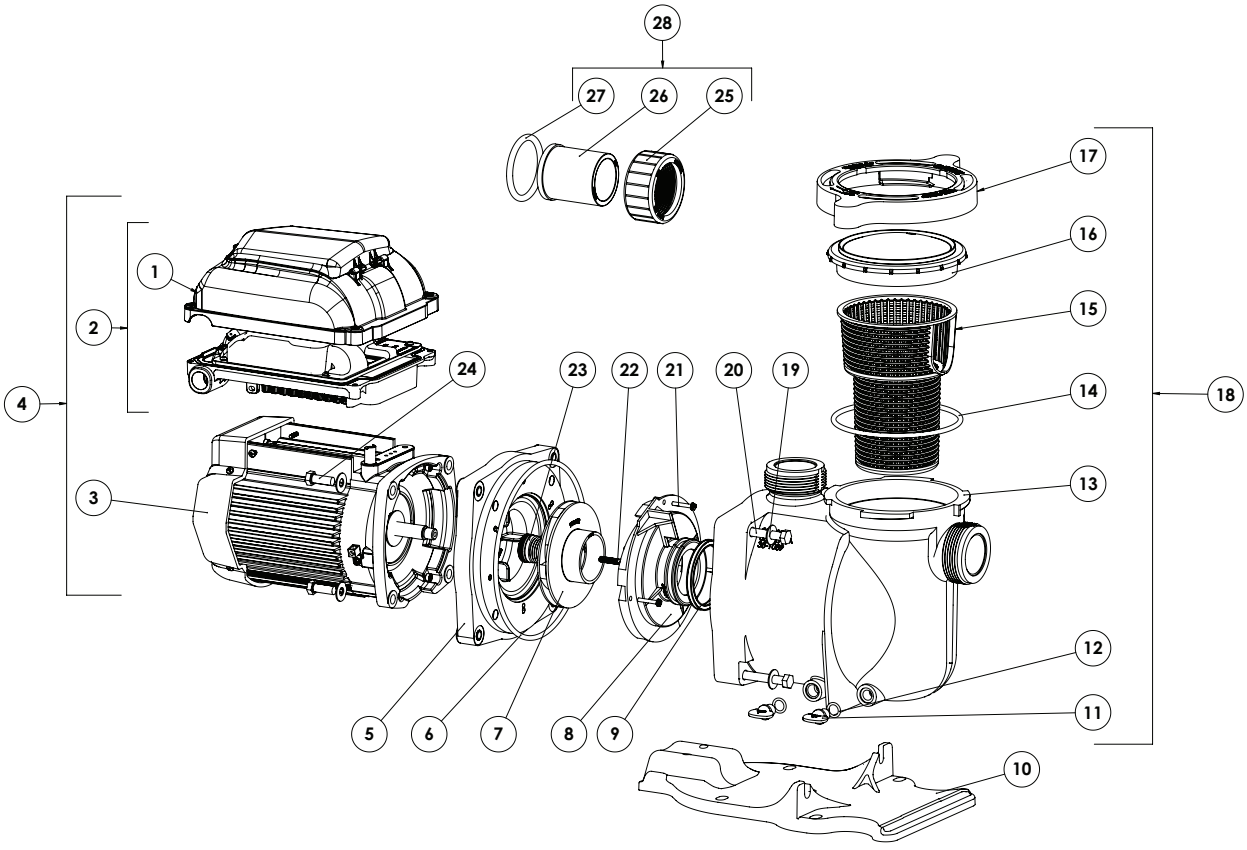
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov. P/N 220174.A

REPLACEMENT PARTS



CALIFORNIA PROPOSITION 65 WARNING

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www.p65warnings.ca.gov. P/N 200174.A

SUPERFLO® VS/VST VARIABLE SPEED PUMP- BEFORE NOVEMBER 2020

SUPERMAX® VS VARIABLE SPEED PUMP- BEFORE NOVEMBER 2020 (CONT'D)

REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
SUPERFLO VS/VST & SUPERMAX VS VARIABLE SPEED PUMPS				
4	358204Z	Motor/Drive Assembly, Almond	2068.59	2485.62
4	358205Z	Motor/Drive Assembly , Black	2074.18	2492.33
5	356012Z	Sealplate Almond (Mfg. Before 06/17/19)	139.88	168.08
5	355612Z	Sealplate, Black (Mfg. Before 06/17/19)	139.50	167.62
5	356071Z	Sealplate, Almond (Mfg. After 06/17/19)	139.49	167.61
5	356072Z	Sealplate, Black (Mfg. After 06/17/19)	139.49	167.61
6	355619Z	Sealplate Gasket	17.33	20.82
7	355074Z	Impeller (Mfg. Before 06/17/19)	95.25	114.45
7	C105-238PDCA	Impeller (Mfg. After 06/17/19)	128.92	154.91
8	355618Z	Diffuser (Mfg. Before 06/17/19)	153.69	184.67
8	355949	Diffuser (Mfg. After 06/17/19)	CALL	CALL
9	355030Z	Diffuser Seal (Mfg. Before 06/17/19)	15.00	18.02
9	355331Z	Diffuser Seal (Mfg. After 06/17/19)	5.03	6.04
10	350094Z	Base, Almond	154.09	185.15
11	071131Z	Drain Plug, Almond (2 req.)	9.85	11.84
11	357161Z	Drain Plug, Black (2 req.)	8.07	9.70
12	192115Z	O-Ring Drain Plug (Qty. 2)	4.04	4.85
13	350089Z	Strainer Pot, Almond	472.22	567.42
13	351089	Strainer Pot, Black	438.04	526.35
14	357255Z	Lid O-Ring	8.84	10.62
15	355667Z	Strainer Basket	34.93	41.97
16	350091Z	Lid	52.15	62.66
17	350090Z	Locking Ring, Almond	64.96	78.06
17	351090	Locking Ring, Black	64.78	77.84
18	353010Z	Strainer Pot Assembly, Almond (Includes Items 11-17)	646.86	777.27
18	353110	Strainer Pot Assembly, Black (Includes Items 11-17)	873.92	1050.10
19	072184	Washer 3/8 In. SS, (Qty. 4)	2.48	2.98
21	355334Z	Diffuser Screw (Qty. 3)	5.03	6.04
22	355389Z	Impeller Screw	3.61	4.34
23	354545S	Shaft Seal (Mfg. Before 06/17/19)	45.83	55.07
23	17351-0101S	Shaft Seal (Mfg. After 06/17/19)	41.75	50.17
20	354290	Bolt, Hex, 3/8-16 (Qty. 4)	CALL	CALL
26	350093	Union Adapter, (Qty. 2)	29.12	34.99
27	6020018Z	Union Adapter O-ring (Qty. 2)	2.89	3.47
25	270141Z	Union Nut, Black (Qty. 2)	31.27	37.57
28	351157	SuperFlo/SuperMax Union Kit (includes items 25-27) (Qty 2)	135.49	162.80
*	353129Z	Digital Input Wiring Kit, 25 ft.	CALL	CALL
*	357923Z	Motor Fan Guard Kit, TEFC Super-Duty, Almond	CALL	CALL
*	357924Z	Motor Fan Guard Kit, TEFC Super-Duty, Black	CALL	CALL

* Not Shown

CALIFORNIA PROPOSITION 65 WARNING

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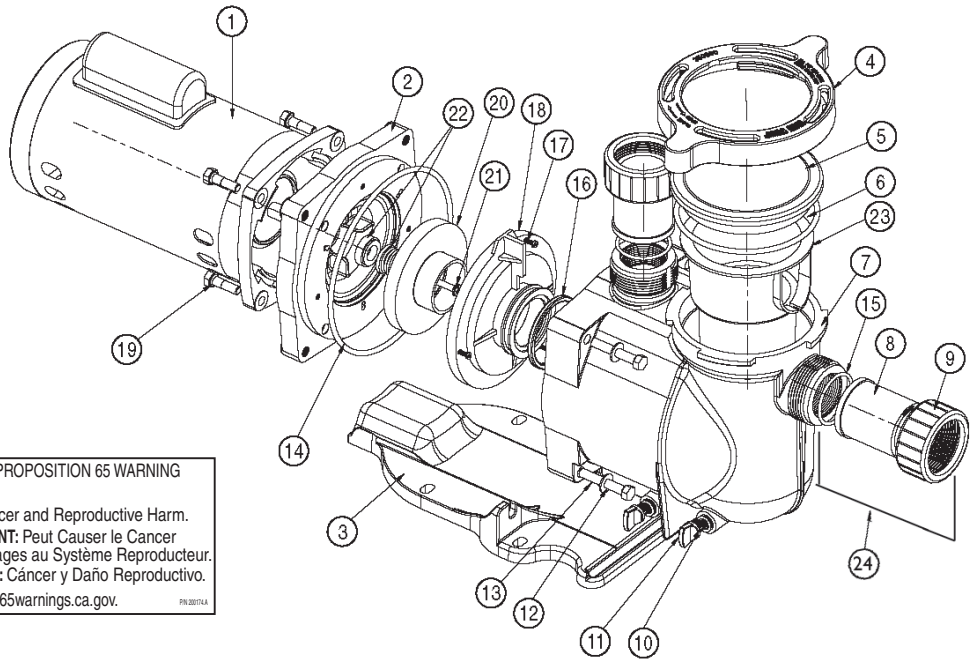
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov. P/N:330174.A

SUPERFLO® PUMP

REPLACEMENT PARTS



CALIFORNIA PROPOSITION 65 WARNING

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www.p65warnings.ca.gov. P/N 201174-A

Item	Part No.	Description	US List	Can. List
		SINGLE SPEED SUPERFLO MOTORS		
1	354803S	3/4 HP Motor, 1SP, 1PH, TEFC 115/208-230	668.68	803.49
1	354821S	1 HP Motor, 1SP, 1PH, TEFC 115/208-230	726.14	872.53
1	354823S	1-1/2 HP Motor, 1SP, 1PH, TEFC 208-230	855.29	1027.72
1	354815S	2 HP Motor, 1SP, 1PH, TEFC 208-230	1019.51	1225.04
		SUPERFLO PUMPS		
2	356012Z	Seal plate	139.88	168.08
3	350094Z	Base	154.09	185.15
4	350090Z	Clamp, Cam & Ramp®	64.96	78.06
5	350091Z	Lid	52.15	62.66
6	357255Z	O-ring, lid No. 2-357	8.84	10.62
7	350089Z	Volute	472.22	567.42
8	350093Z	Adaptor, 2 req.	29.12	34.99
9	270141Z	Nut, 2 req.	31.27	37.57
10	192115Z	O-ring drain plug, 2 req.	4.04	4.85
11	071131Z	Drain plug, (2 req.)	9.85	11.84
12	072184	Washer, 3/8 in. SS, 4 req.	2.48	2.98
14	355619Z	O-ring, 1 req.	17.33	20.82
15	6020018Z	O-ring adaptor No.2-226, 2 req.	2.89	3.47
16	355030Z	Seal diffuser	15.00	18.02
17	355334Z	Screw, No.8-32 hex washer HD, 3 req.	5.03	6.04
22	354545S	Seal set	45.83	55.07
	356210S	Seal, mechanical, ozone/salt resistant	51.07	61.37
23	355667Z	Basket large	34.93	41.97
		SUPERFLO DIFFUSERS		
18	355617	Diffuser, 1/2 HP	153.69	184.67
18	355617	Diffuser, 3/4 HP	153.69	184.67
18	355617	Diffuser, 1 HP	153.69	184.67
18	355618Z	Diffuser, 1-1/2 HP	153.69	184.67
18	355618Z	Diffuser, 2 HP	153.69	184.67
18	350170	Diffuser, 2-1/2 HP	151.35	181.86
19	U3074SSZ	Hex head screw, 3/8, 16, 4 req.	7.00	8.41
		SUPERFLO IMPELLERS		
20	355043	Impeller 1/2 HP	87.14	104.71
20	355043	Impeller 3/4 HP	87.14	104.71
20	355067Z	Impeller 1 HP	95.25	114.45
20	355074Z	Impeller 1-1/2 HP	95.25	114.45
20	355086Z	Impeller 2 HP	95.25	114.45

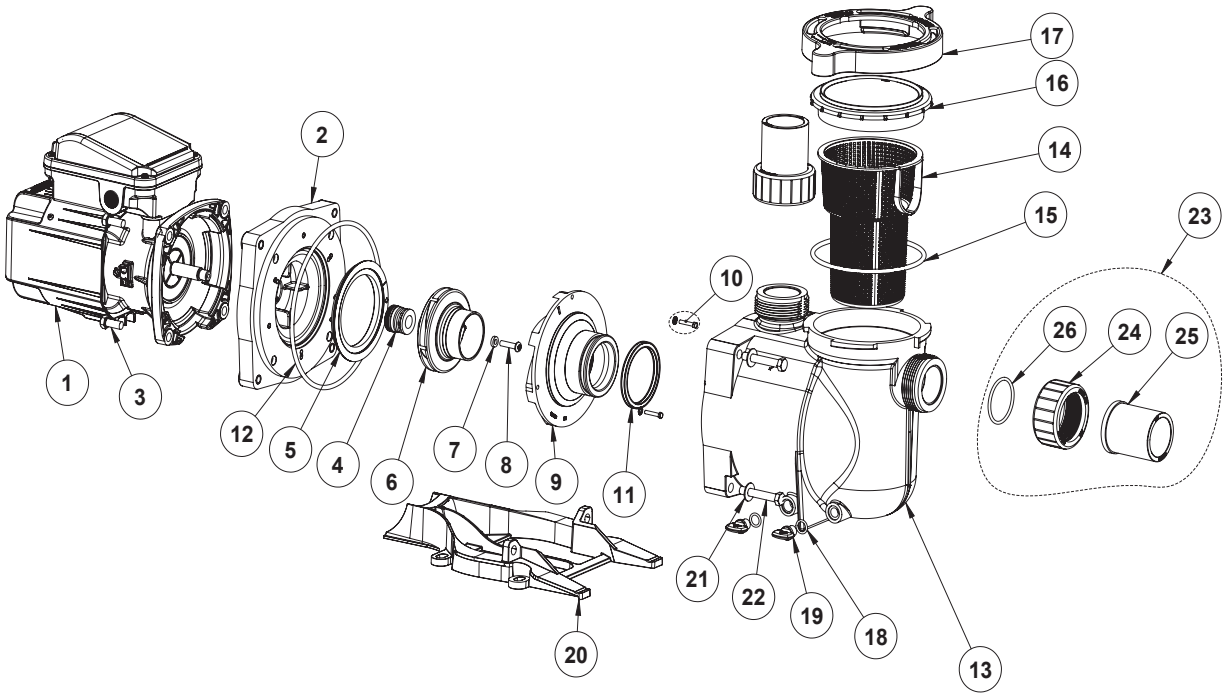
Item	Part No.	Description	US List	Can. List
20	355093	Impeller 2-1/2 HP	92.18	110.76
21	355389Z	Screw, impeller locking	3.61	4.34
		KITS		
24	351157	SuperFlo/SuperMax Union Kit, items 8, 9 & 15 (2 of each included)	135.49	162.80
		NOT SHOWN		
	400013Z	Motor End Cap and Screw	41.61	50.00
	357923Z	Fan Guard Kit TEFC/Super-Duty	CALL	CALL
	356197	SuperFlo Quick Kit (includes 22, 14, 10(x2), 16, 6)	51.94	62.41

*

Note: Pumps and replacement motors that are single speed and one (1) Total HP or greater cannot be sold, offered for sale, or installed in a residential pool for filtration use in California, Title 20 CCR sections 1601-1609.

SUPERFLO® DOE PUMP

REPLACEMENT PARTS



Replacement Parts for Product #348190

Item	Part No.	Description	US List	Can. List
		DOE PUMP		
1	356363S	Motor	139.88	168.08
2	356012Z	Seal Plate	CALL	CALL
3	070249	Bolt, Motor (Qty. 4)	CALL	CALL
4	354545SS	Shaft Seal Set	37.62	45.20
5	356357Z	Hydraulic Isolator	93.97	112.91
6	356356Z	Impeller	2.89	3.47
7	075713Z	Washer, Impeller Screw	5.03	6.04
8	071652Z	Screw, Impeller	146.62	176.18
9	356358Z	Diffuser	11.28	13.55
10	356213Z	Screw, Diffuser #8-32 X 7/8" (Qty. 3)	CALL	CALL
11	355030	Diffuser Seal	CALL	CALL
12	355619	O-Ring, Seal Plate	472.22	567.42
13	350089Z	Strainer Pot	34.93	41.97
14	355667Z	Strainer Basket	CALL	CALL

Item	Part No.	Description	US List	Can. List
		DOE PUMP		
15	357255	O-Ring, Lid	CALL	CALL
16	350091Z	Lid	52.15	62.66
17	350090Z	Locking Ring	64.96	78.06
18	192115Z	O-Ring, Drain Plug, (Qty. 2)	4.04	4.85
19	071131Z	Drain Plug (Qty. 2)	9.85	11.84
20	350094Z	Base	154.09	185.15
21	072184	Washer, Strainer Pot, (Qty. 4)	2.48	2.98
23	351157	Union Kit (Includes Items 24-26)	135.49	162.80
24	270141Z	Union Nut (Qty. 2)	31.27	37.57
25	350093Z	Union Adapter (Qty. 2)	29.12	34.99
26	6020018Z	Union O-Ring (Qty. 2)	2.89	3.47
-	357809	Motor Fan Guard	CALL	CALL

CALIFORNIA PROPOSITION 65 WARNING

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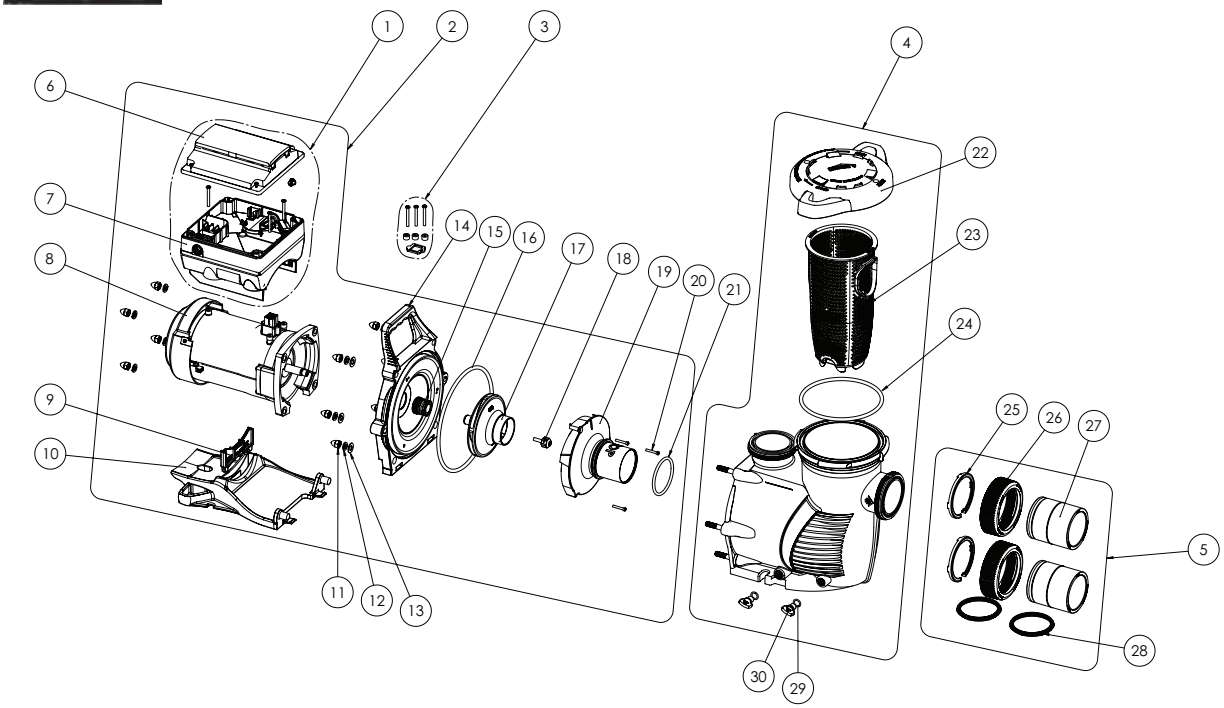
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov.

P/N 20017-A

INTELLIPROXF® VSF PUMP
INTELLIPROXF VS PUMP – AFTER AUGUST 2015

REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
INTELLIPROXF/INTELLIFLOXF VS PUMP				
1	352032Z	Drive Kit (VSF model)	2287.90	2749.14
1	356893Z	Drive Kit (VS model)	2551.19	3065.51
2	401655Z	Power End Kit (VS model)	4140.29	4974.97
4	401000	Wet End Assembly	503.13	604.56
5	410020	Union Kit w/o Tap	229.20	275.41
6	358527Z	Keypad Assembly Kit	592.10	711.47
7	356898Z	Drive (VSF model)	1907.24	2291.74
7	356892Z	Drive (VS model)	1902.09	2285.55
8	350306S	Motor	1446.90	1738.60
12	U43-12SSZ	Lock Washer (Qty. 10)	4.55	5.47
13	072184	Flat Washer (Qty. 6)	2.48	2.98
14	401002	Seal Plate	332.52	399.56
15	17351-0101S	Mechanical Seal	41.75	50.17
16	351446Z	Seal Plate O-Ring	10.02	12.04
17	400015Z	Impeller Assembly (includes screw and washer)	202.67	243.53
18	37337-6080	Impeller Screw, Plastic-Head (pumps mfg. before 10/7/2019)	30.83	37.05
18	356073	Impeller Screw, Metal-Head (pumps mfg. after 10/7/2019	17.46	20.98
19	400010Z	Diffuser	145.51	174.84
20	353323Z	Diffuser Screws	5.23	6.28
21	350336Z	Diffuser O-Ring	5.26	6.32
22	401006	Lid/Locking Ring Assembly	88.54	106.39
23	400007Z	Strainer Basket	55.37	66.53

Item	Part No.	Description	US List	Can. List
24	35505-1440Z	Lid/Locking Ring O-RIng	29.77	35.77
25	410001Z	2.5" C-Clip Locking Ring (Qty. 2)	11.24	13.51
26	411000	2.5" Union Nut (Qty. 2)	30.81	37.02
27	410002Z	2.5" Union Adapter w/o Tap (Qty. 2)	53.10	63.80
28	410016Z	2.5" Diamond Seal Kit (Qty. 2)	18.93	22.75
29	192115Z	Drain Plug O-Ring (Qty. 2)	4.04	4.85
30	357161Z	Drain Plug (Qty. 2)	8.07	9.70
NOT SHOWN				
	356905Z	Keypad Relocation Kit	118.87	142.83
	350122Z	50 Ft. Communication Cable	271.62	326.38
	072172	Impeller Screw Washer	0.38	0.46

CALIFORNIA PROPOSITION 65 WARNING

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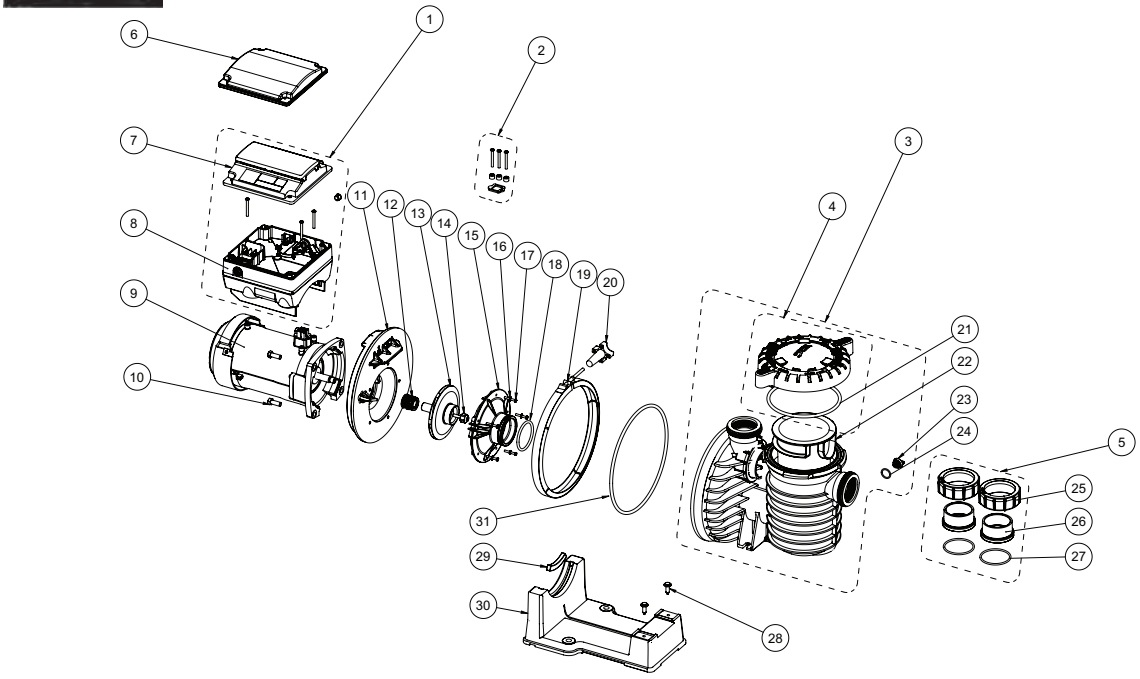
www.p65warnings.ca.gov.

P/N 350174.A

INTELLIPRO® VSF PUMP/INTELLIPRO 2 VST PUMP
INTELLIPRO VS PUMP – AFTER 2018

REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
		INTELLIPRO PUMP		
1	353141Z	Drive Kit w/Keypad (Includes Item #2, 7 and 8) (VSF model)	2287.90	2749.14
1	356893Z	Drive Kit w/Keypad (Includes Item #2, 7 and 8) (2VST and VS models)	2551.19	3065.51
3	17307-0110S	Tank Body Assembly (Includes Trap Cover and Items #21-24)	496.67	596.80
4	17307-0111S	Trap Cover Assembly (Includes Trap Cover and Item #21)	112.32	134.96
5	42001-0402	2" Slip Union Half Kit (Includes Items #25-27)	CALL	CALL
6	356905Z	Keypad Relocation Kit (Includes Keypad Relocation Cable and Blank Drive Cover)	118.87	142.83
7	358527Z	Keypad Assembly Kit	592.10	711.47
8	356657Z	Drive (VSF model)	1902.09	2285.55
8	356892Z	Drive (2VST and VS models)	1902.09	2285.55
9	350306S	Motor 3.2 KW Ferrite Blk	1446.90	1738.60
10	070429Z	Bolt, 3/8-16 X 7/8 SS Hex Head 18-8, 4 req.	5.03	6.04
11	C103-194PZ	Seal Plate	113.86	136.81
12	17351-0101S	Shaft Seal, EPDM black	41.75	50.17
13	C105-238PLA	Impeller Assembly	134.00	161.01
14	37337-6080	Impeller Screw	30.83	37.05
15	C1-271PZ	Diffuser	51.17	61.49
16	U43-21SSZ	#8 Ext Tooth Washer (Qty. 5)	2.91	3.50

Item	Part No.	Description	US List	Can. List
17	U30-922SS	Diffuser Screw	CALL	CALL
18	U9-374Z	Diffuser O-RIng	8.68	10.43
19	C19-37AZ	V-Clamp	167.19	200.90
20	WC36-22Z	Clamp, Knob	20.34	24.44
21	35505-1440Z	Trap O-Ring, 6.90 O.D. 6.35 I.D.	29.77	35.77
22	C8-58PZ	Trap Basket	22.05	26.50
23	U78-920PZ	Drain Plug (Qty. 2)	5.78	6.95
24	U9-359Z	Drain Plug O-Ring (Qty. 2)	2.89	3.47
24	U11-200PSZ	Union Collar (Qty. 2)	17.38	20.88
26	U11-196PSZ	2" Slip Adapter (Qty. 2)	14.37	17.27
27	U9-362Z	O-Ring #2-231 (Qty. 2)	4.33	5.20
28	U30-918SS	Base Screw, 5/16-14 x 1 in. Lg.Hi-Lo Hex (Qty2)	7.88	9.47
30	C4-78P	Motor Base	72.55	87.18
31	U9-228AZ	Seal Plate O-Ring (Round)	15.63	18.78
31	357099Z	Seal Plate O-Ring (Square)	16.40	19.71
		NOT SHOWN		
	350122Z	50 Ft. Communication Cable	271.62	326.38
	354045	Power End - IntelliPro 2 VST and VS	3834.41	4607.43
	356196	Max-E-Pro / IntelliPro Quick Kit (contains 31, 12, 18, 21, 24(x2)	48.11	57.81

CALIFORNIA PROPOSITION 65 WARNING

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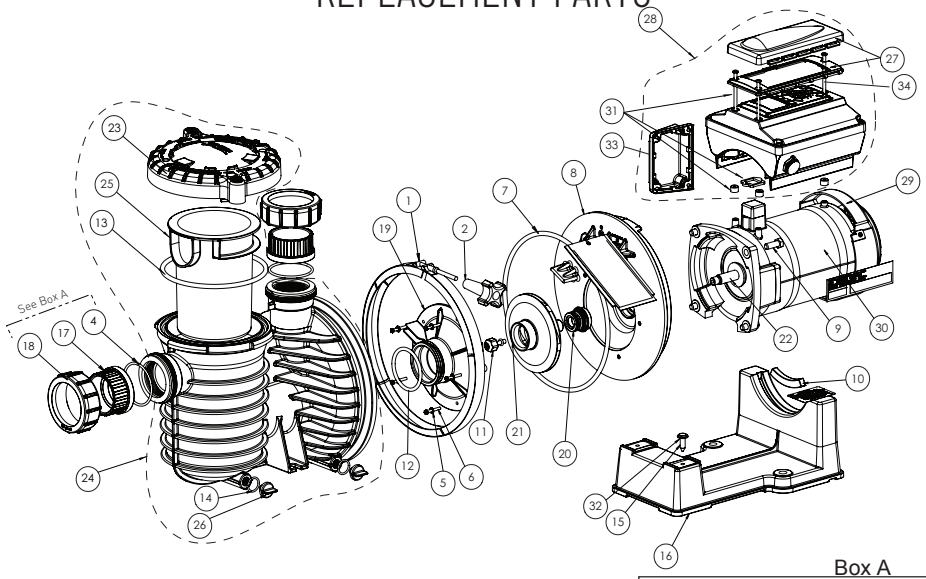
INTELLIPRO® VARIABLE SPEED PUMP-BEFORE 2019

REPLACEMENT PARTS



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Box A

For quick disconnect pipe connections, purchase separately:

PKG 188Z 2 in. Slip 1/2 Union Kit or
Pkg. 189 2 in. NPT 1/2 Union Kit.

Includes 2 each:
U11-200P Union Collar
U9-362Z O-Ring
U11-196P 2 in. Slip adapter or U11-199PZ 2 in. NPT adapter.

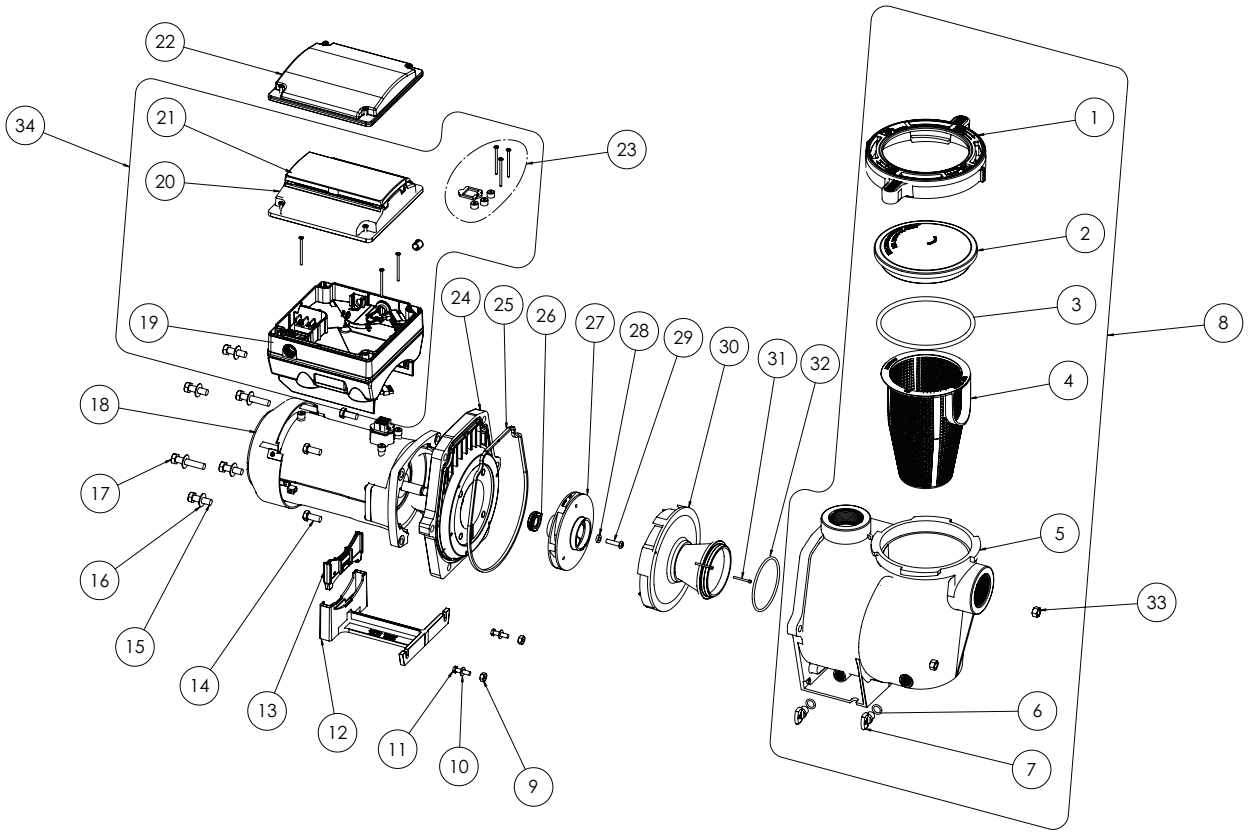
Item	Part No.	Description	US List	Can. List
INTELLIPRO VARIABLE SPEED PUMP				
1	C19-37AZ	V-Clamp	167.19	200.90
2	WC36-22Z	Clamp, Knob	20.34	24.44
3	350122Z	Cable 50ft 2 COND, IntelliFlo to IntelliTouch (Not Shown).	271.62	326.38
5	U43- 21SSZ	#8 Ext Tooth Wshr, 5 req.	CALL	CALL
7	U9-228AZ	Seal Plate O-Ring, (Round) 1 req.	15.63	18.78
7	357099Z	Seal Plate O-Ring, (Square) 1 req.	16.40	19.71
8	C103-194P	Sealplate.	CALL	CALL
9	U30-74SSZ	3/8-16 x 1 in. HX HD SS	CALL	CALL
10	C35- 11	Motor Pad	CALL	CALL
11	37337- 6080	Impeller Screw	CALL	CALL
12	U9-374Z	Diffuser O-Ring	8.68	10.43
13	35505-1440Z	O-Ring 6.90 O. D 6.35 I. D	29.77	35.77
14	U9- 359	ORNG #2 - 112 N674- 70 Drain Plug	CALL	CALL
16	C4-78P	Base	72.55	87.18
17	U11-196PSZ	Adaptor Union 2 in. Slip	14.37	17.27
18	U11-200PSZ	Collar Union 2 in.	17.38	20.88
19	C1-271PZ	Diffuser	51.17	61.49
20	17351-0101S [3]	Shaft Seal, EPDM black	CALL	CALL
21	C105-238PLA	Imp. Assy. 3 Phase	134.00	161.01
22	17351-0009	Slinger. Pump Shaft 1/16 in.	3.01	3.62

Item	Part No.	Description	US List	Can. List
23	17307-0111S	Trap Cover Assy. (Contains: Trap Cover, Trap Ring and Cover O- Ring)	112.32	134.96
24	17307-0110S	Tank Body Assy. Max- E- Pro Pump SVC 18 (Trap Body, Basket, Drain Plugs and Trap Cover Assy.)	496.67	596.80
25	C8-58PZ	Trap Basket	22.05	26.50
26	U78-920PZ	Drain Plug	5.78	6.95
27	401100Z	Cover Control Assy. Kit, Black (Contains: Cover Assy., 3 Screws, and 3 Spacer Caps) 2	346.76	416.67
28	353252	IntelliPro Variable Speed Drive Kit - Includes Drive and Control Cover Assy., Lid, Hardware/Gasket Kit	CALL	CALL
29	357294S	Motor VFD 3.2KW PMSW, Black	1835.34	2205.34
31	350612	Hardware/Gasket Kit (Contains: 3 Screws, 3 Spacer Caps, and Drive Gasket)	173.56	208.55
33	353310	Field Wiring Compartment Kit w/ gasket	154.15	185.23
34	350107Z	Screw 10-24 x 3-1/4 in PH MS 18-8 SS (qty 3)	6.72	8.07
NOT SHOWN				
	070209	Power end IntelliPro Variable Speed (Contains items 5, 6, 7, 8, 11, 19, 20, 28 & 30)	CALL	CALL
	356196	Max-E-Pro/IntelliPro Quick Kit (contains 20,7, 21, 12, 13, 14(x2)	48.11	57.81

[1] Used on pumps manufactured before 7/3/13
[2] Used on pumps manufactured 7/3/13 and after
[3] Used on pumps manufactured 7/15/14 to present

INTELLIPRO® VS+SVRS PUMP – AFTER JUNE 2016

REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
INTELLIPRO VS+SVRS PUMP				
1	357150Z	Clamp, Cam and Ramp	76.35	91.74
2	357151Z	See-through Lid	57.49	69.08
3	350013Z	Lid O-Ring	6.04	7.26
4	070387Z	Strainer Basket	26.77	32.17
5	357157	Volute WF	365.51	439.20
6	192115Z	O-Ring 112 for Drain Plug (Qty 2)	4.04	4.85
7	357161Z	Drain Plug WF (Qty 2)	8.07	9.70
9	071406Z	Nut 1/4-20 Hex SS (Qty 2)	2.60	3.12
12	357159Z	Foot WF	61.57	73.98
14	070429Z	Bolt, 3/8-16 X 7/8 SS Hex Head 18-8, 4 req.	5.03	6.04
16	072184	Washer, Flat 3/8" ID x 7/8 OD (Qty 6)	2.48	2.98
15	070430Z	Bolt, Hex Head 3/8-16 x 1.25" (Qty 4)	4.02	4.83
19	356912Z	Drive, Variable Speed	CALL	CALL
20	358527Z	Keypad Assembly Kit (Contains item #21)	592.10	711.47
21	401100	Keypad Cover	346.76	416.67
22	356905Z	Keypad Relocation Kit (Contains Keypad Relocation cable and Blank Drive Cover)	118.87	142.83
24	357158Z	Seal Plate	149.89	180.11
25	357100Z	Seal Plate Gasket	10.34	12.42

Item	Part No.	Description	US List	Can. List
26	071734S	Mechanical Seal	48.53	58.31
26	071732S	Mechanical Seal (ozone/salt resistant)	40.66	48.86
27	073131Z	Impeller (pumps mfg. before 10/2020)	160.28	192.59
27	356237	Impeller (pumps mfg. after 10/2020)	CALL	CALL
28	075713Z	Rubber Washer, Impeller Set Screw	2.89	3.47
29	071652Z	Impeller Set Screw 1/4-20 LH Thread	5.03	6.04
30	072928Z	Diffuser (pumps mfg. before 10/2020)	60.48	72.67
30	356238	Diffuser (pumps mfg. after 10/2020)	CALL	CALL
32	355227Z	Diffuser O-Ring	5.21	6.26
34	356913Z	Drive Kit (Incl. Items #19-23)	CALL	CALL
NOT SHOWN				
	350122Z	50 Ft. Communication Cable	271.62	326.38
	350203	Seal Plate Kit w/Mechanical Seal (Incl. Items #24, 25 and 26)	322.49	387.50
	357603	Union Kit (Incl. 2 complete unions for 1 pump - Not included with pump)	178.84	214.89
	356196	Max-E-Pro / IntelliPro Quick Kit (contains 25, 28, 32, 3, 26, 6(x2))	48.11	57.81
	350198	Seal Plate Kit (Ozone/Salt resistant)	303.94	365.21
	356198	WhisperFlo/IntelliFlo Quick Kit (includes 26, 32, 25, 6(x2), 3 and 28)	51.68	62.10

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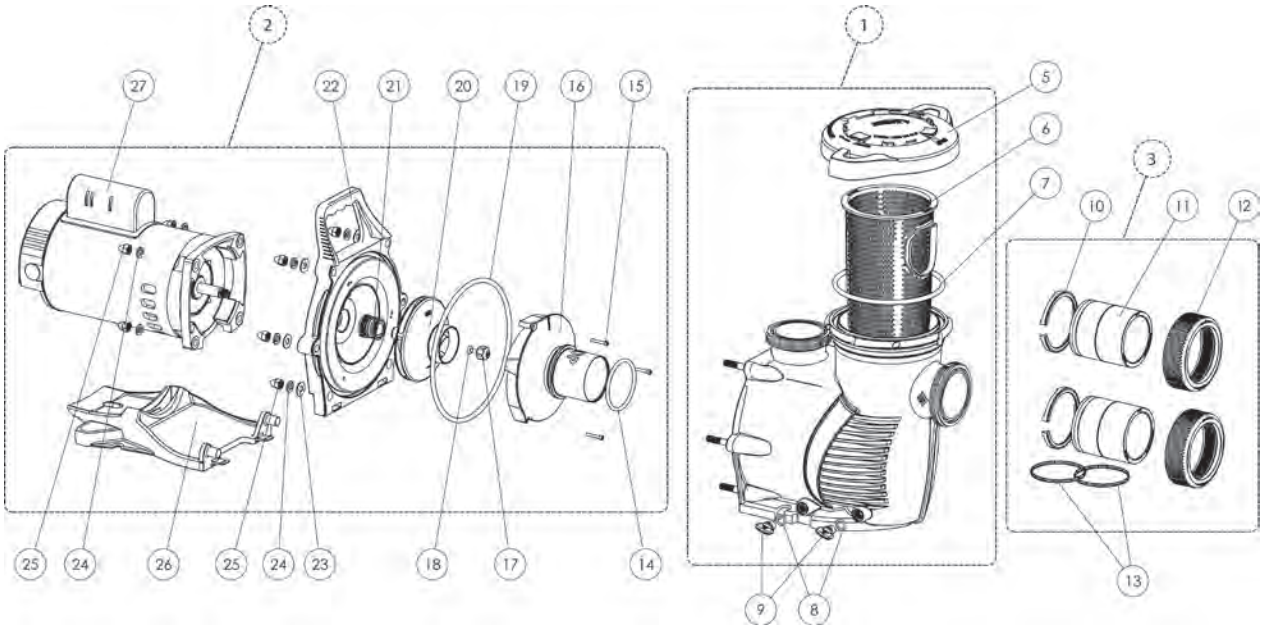
P/N 350174.A

MAX-E-PROXF® SERIES PUMP

REPLACEMENT PARTS

STA-RITE®



Item	Part No.	Description	US List	Can. List
		MAX-E-PRO XF PUMP		
1	401000	Wet End Assembly	503.13	604.56
2	See chart on next page	Power End Assembly		
3	410020	Union Kit Without Tap	229.20	275.41
5	401006	Lid/Locking Ring Assembly	88.54	106.39
6	400007Z	XF Series Replacement Basket	55.37	66.53
7	35505-1440Z	Lid/Locking Ring O-Ring	29.77	35.77
8	192115Z	Drain Plug O-Ring	4.04	4.85
9	357161Z	Drain Plug	8.07	9.70
10	410001Z	2.5 in. C-Clip Locking Ring	11.24	13.51
11	410002Z	2.5 in. Union Adapter without Tap	53.10	63.80
12	411000	2.5 in. Union Nut	30.81	37.02
13	410016Z	2.5 in. Seal Kit - (Includes two)	18.93	22.75
14	350336Z	Diffuser O-Ring	5.26	6.32
15	353323Z	Diffuser Screw	5.23	6.28
16	See chart on next page	Diffuser		
17	37337-6080	Impeller Screw, Plastic-Head (pumps mfg. before 10/7/2019)	30.83	37.05
17	356073	Impeller Screw, Metal-Head (pumps mfg. after 10/7/2019	17.46	20.98
18	33455-1047	Impeller Reverse Screw O-Ring	CALL	CALL

Item	Part No.	Description	US List	Can. List
19	351446Z	Seal Plate O-Ring	10.02	12.04
20	See chart on next page	Impeller Assembly		
21	17351-0101S	Mechanical Seal Assembly	41.75	50.17
22	401002	Seal Plate	332.52	399.56
23	072184	Flat Washer	2.48	2.98
24	U43-12SSZ	Split Lock Washer	4.55	5.47
25	071413	Acorn Nut	CALL	CALL
27	See chart on next page	Motor		
		NOT SHOWN		
	400030Z	Hardware and O-Rings Kit	100.61	120.89
	400012	Riser Plate XF to Challenger	106.23	127.65
	401014Z	Motor End Cap and Screw	41.72	50.13
	357924Z	Fan Guard Kit TEFC/Super-Duty	CALL	CALL

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MAX-E-PROXF® SERIES PUMP (CONT'D)

REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
		IMPELLERS		
20	400020Z	XFET-8	187.03	224.74
20	400015Z	XFET-12	202.67	243.53
20	400023Z	XFET-20	218.22	262.21
20	400020Z	XF-8	187.03	224.74
20	400015Z	XF-12	CALL	CALL
20	400020Z	XFE-8	187.03	224.74
20	400015Z	XFE-12	CALL	CALL
20	400023Z	XFE-20	218.22	262.21
20	400020Z	XFDS-8	187.03	224.74
20	400015Z	XFDS-12	202.67	243.53
20	400020Z	XFDS-30	187.03	224.74
20	400020Z	XF-30	187.03	224.74
20	400020Z	XFE-30	187.03	224.74
20	400020Z	XFJ-8	187.03	224.74
20	400015Z	XFJ-12	202.67	243.53
20	400023Z	XFJ-20	218.22	262.21
20	400020Z	XFK-8	187.03	224.74
20	400015Z	XFK-12	202.67	243.53
20	400023Z	XFK-20	218.22	262.21
		MOTORS		
27	354816S	2hp 1-Phase TEFC 208-230V	1019.06	1224.50
27	354818S	3hp 1-Phase TEFC 208-230V	1331.64	1600.10
27	354820S	5hp 1-Phase TEFC 208-230V	1476.16	1773.75
27	354810S	2hp 3 Phase 208-230-460V	955.02	1147.55
27	354812S	3hp 3 Phase 208-230-460V	1251.71	1504.05
27	354814S	5hp 3 Phase 208-230-460V	1521.51	1828.25
		DIFFUSERS		
16	400010Z	XFET-8	145.51	174.84
16	400010Z	XFET-12	145.51	174.84
16	400011Z	XFET-20	157.06	188.72
16	400010Z	XF-8	145.51	174.84
16	400010Z	XF-12	145.51	174.84
16	400010Z	XFE-8	145.51	174.84
16	400010Z	XFE-12	145.51	174.84
16	400011Z	XFE-20	157.06	188.72
16	400010Z	XFDS-8	145.51	174.84
16	400010Z	XFDS-12	145.51	174.84

Item	Part No.	Description	US List	Can. List
16	400010Z	XFDS-30	145.51	174.84
16	400010Z	XF-30	145.51	174.84
16	400010Z	XFE-30	145.51	174.84
16	400010Z	XFJ-8	145.51	174.84
16	400010Z	XFJ-12	145.51	174.84
16	400011Z	XFJ-20	157.06	188.72
16	400010Z	XFK-8	145.51	174.84
16	400010Z	XFK-12	145.51	174.84
16	400011Z	XFK-20	157.06	188.72
		POWER ENDS		
2	401632Z	2hp 1-Phase TEFC 208-230V	2003.20	2407.05
2	401633Z	3hp 1-Phase TEFC 208-230V	2404.31	2889.02
2	401634Z	5hp 1-Phase TEFC 208-230V	2595.84	3119.16
2	401612Z	2hp Standard E 230V	1842.84	2214.36
2	401609Z	2hp High Eff 208-230V	1872.15	2249.58
2	401611Z	5hp High Eff 208-230V	2393.88	2876.49
2	401607Z	2hp 2 Speed 230V	CALL	CALL
2	401607Z	2.5hp Uprated 2 Speed 230V	CALL	CALL
2	401612Z	2.5hp Uprated Standard E 230V	1842.84	2214.36
2	401609Z	2.5hp Uprated High E 208-230V	1872.15	2249.58
2	401617Z	2hp 3 Phase 208-230-460V	CALL	CALL
2	401618Z	3hp 3 Phase 208-230-460V	CALL	CALL
2	401619Z	5hp 3 Phase 208-230-460V	CALL	CALL

Note: Pumps and replacement motors that are single speed and one (1) Total HP or greater cannot be sold, offered for sale, or installed in a residential pool for filtration use in California, Title 20 CCR sections 1601-1609.

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www.p65warnings.ca.gov. P/N 350174-A

MAX-E-PRO® SERIES PUMP

REPLACEMENT PARTS

Box A

For quick disconnect pipe connections, purchase separately:
PKG 188Z 2 in. Slip 1/2 Union Kit or
Pkg. 189 2 in. NPT 1/2 Union Kit.

Includes 2 each:
U11-200P Union Collar
U9-362Z O-Ring

U11-196P 2 in. Slip adapter or
U11-199P 2 in. NPT adapter.

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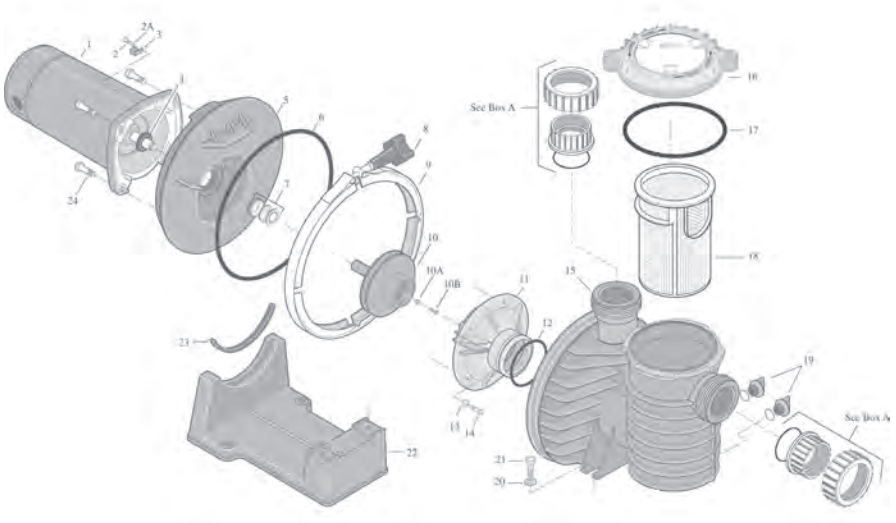

Model No.	HP	Motor No. (Item No. 1)	Impeller (Item No. 10)	Diffuser (Item No. 11)	Motor Base/Pad
1 PHASE 60 HZ PUMPS - TEFC 1-Speed					
348150	1	354822S	C105-238PBZ	C1-271P1Z	Note 6
348151	1-1/2	354824S	C105-238PDBAZ	C1-271PZ	Note 6
348153	3	354818S	C105-238PLA	C1-271PZ	Note 6
1 PHASE 60 HZ PUMPS - 115/230 V 1- Speed					
P6E6D-205L	3/4	N/A	C105-238P	C1-271P1Z	Note 5
P6R6D-205L	3/4	N/A	C105-238P	C1-271P1Z	Note 6
P6E6E-206L	1	N/A	C105-238PBZ	C1-271P1Z	Note 5
P6RA6E-205L	1	N/A	C105-238P	C1-271P1Z	Note 6
P6R6E-206L	1	N/A	C105-238PBZ	C1-271P1Z	Note 6
P6RA6F-206L	1-1/2	N/A	C105-238PBZ	C1-271P1Z	Note 6
1 PHASE 60 HZ PUMPS - 230V 1-Speed					
P6E6F-207L	1-1/2	N/A	C105-238PDBAZ	C1-271PZ	Note 5
P6EAA6F-216L	1-3/4	N/A	C105238PDCA	C1-271PZ	Note 5
P6RAA6F-216L	1-3/4	N/A	C105-238PDCA	C1-271PZ	Note 5
P6RA6G-207L	2	N/A	C105-238PDBAZ	C1-271PZ	Note 6
P6E6H-209L	3	N/A	C105-238PLA	C1-271PZ	Note 6

[1] Includes Trap Cover, Trap Ring and Trap Cover O-Ring

[2] Includes Trap Body, Basket, Drain Plugs, and Trap Cover Assembly

[3] Uses Key No. 10B Impeller Screw No. 37337-6080

[4] Uses Key No. 10B Impeller Screw No. 37337-6081Z

[5] Uses base C4-78P and motor pad C35-43

[6] Uses base C104-79P and includes motor pad C35-44

Note: Pumps and replacement motors that are single speed and one (1) total HP or greater cannot be sold, offered for sale, or installed in a residential pool for filtration use in California, Title 20 CCR sections 1601-1609.

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MAX-E-PRO® SERIES PUMP (CONT'D)

REPLACEMENT PARTS

Model No.	HP	Motor No. (Item No. 1)	Impeller (Item No. 10)	Diffuser (Item No. 11)	Motor Base/Pad
1 PHASE 60 HZ PUMPS - 2-Speed					
3 PHASE 60 HZ PUMPS - 208-230/460 - TEFC					
345076	1	354806S	C105-238PBAZ [4]	C1-271P1Z	Note 6
345079	3	354812S	C105-238PLA [4]	C1-271PZ	Note 6
3 PHASE 60 HZ PUMPS - 200/400v 1 Speed					
P6R62E3-187	1	AP100EH2	C105-238PBA [3]	C1-271P1Z	Note 5
P6R62F3-188	1-1/2	N/A	C105-238PDBAZ [4]	C1-271PZ	Note 5

3-Phase Models: - 575 Volts					
P6EA6D36-204	3/4	16502-0024S	C105-238PX [4] A	C1-271P1Z	Note 6
P6EA6E36-205	1	N/A	C105-238P [4] A	C1-271P1Z	Note 6
P6EA6F36-206	1-1/2	62001-1019S	C105-238PBA [4]	C1-271P1Z	Note 5

Item	Part No.	Description	US List	Can. List
MAX-E-PRO SERIES REPLACEMENT PARTS				
1	Chart	Motor		
2	U30-692SS	#10-32 x 1/2 in. Screw	3.40	4.09
3	U17-568	Bonding Lug	CALL	CALL
4	17351-0009	Water Slinger	3.01	3.62
5	C203-194P	Seal Plate Kit (Incl. Part Nos. 6, 7)	267.62	321.57
6	U9-228AZ	O-Ring (Round)	15.63	18.78
6	357099Z	O-Ring (Square)	16.40	19.71
7	17351-0101S	Shaft Seal, EDPM black	41.75	50.17
8	WC36-22Z	Clamp Knob	20.34	24.44
9	C19-37AZ	Clamp	167.19	200.90
10	Chart	Impeller		
10B	Chart	Impeller Screw		
11	Chart	Diffuser		
12	U9-374Z	Diffuser O-Ring	8.68	10.43
13	U43-21SSZ	#8 Lock Washer	2.91	3.50
14	U30-542SSZ	Screw (w/ C1-271P1Z Diffuser)	3.61	4.34
15	17307-0110S	Tank Body Assembly [2]	496.67	596.80
16	17307-0111S	Trap Cover Assembly [1]	112.32	134.96
17	35505-1440Z	Trap O-Ring	29.77	35.77
18	C8-58PZ	Basket	22.05	26.50
19	U178-920PZ	1/4 in. NPT Drain Plug	8.07	9.70
19	U9-359Z	Drain Plug O-Ring	2.89	3.47
20	U43-41SSZ	Base Washer	4.07	4.89
21	U30-918SS	Base Screw	7.88	9.47
22	C4-78P	Base	72.55	87.18
22	C104-79P	Base w/ Motor Pad	74.26	89.23
24	U30-74SSZ	3/8-16 x 1 in. Hex Hd. Screw	7.00	8.41
	357924Z	Fan Guard Kit TEFC/Super-Duty	CALL	CALL
	356196	Max-E-Pro/IntelliPro Quick Kit (includes 6, 7, 10A, 12, 20(x2), 17)	48.11	57.81

[1] Includes Trap Cover, Trap Ring and Trap Cover O-Ring

[2] Includes Trap Body, Basket, Drain Plugs, and Trap Cover Assembly

[3] Uses Key No. 10B Impeller Screw No. 37337-6080

[4] Uses Key No. 10B Impeller Screw No. 37337-6081Z

[5] Uses base C4-78P and motor pad C35-43

[6] Uses base C104-79P and includes motor pad C35-44

Note: Pumps and replacement motors that are single speed and one (1) total HP or greater cannot be sold, offered for sale, or installed in a residential pool for filtration use in California, Title 20 CCR sections 1601-1609.

CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov. PIN 20017.A

MAX-E-PRO® SERIES DOE PUMP

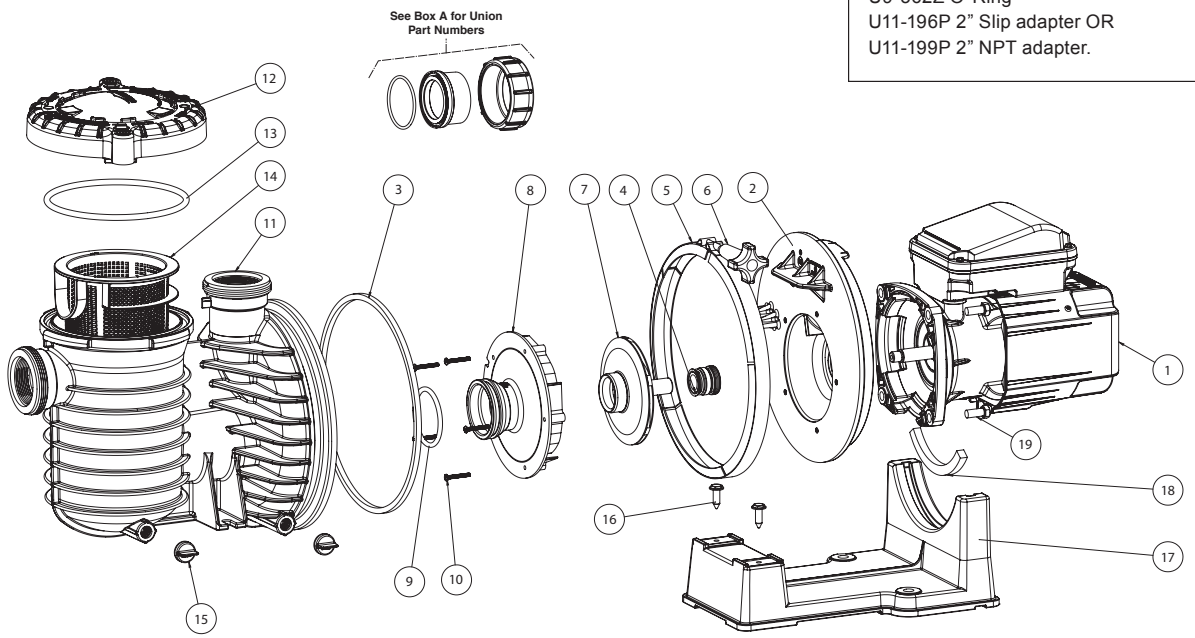
REPLACEMENT PARTS

STA-RITE®

Box A

For quick disconnect pipe connections, purchase separately:
Pkg. 188 2” Slip 1/2 Union Kit or
Pkg. 189 2” NPT 1/2 Union Kit.

Kit Includes:
U11-200P Union Collar
U9-362Z O-Ring
U11-196P 2” Slip adapter OR
U11-199P 2” NPT adapter.



Replacement Parts for Product #348185

Item	Part No.	Description	US List	Can. List
MAX-E-PRO SERIES DOE REPLACEMENT PARTS				
1	356362S	Motor	695.57	835.80
2	C203-194P	Seal Plate Kit (Incl. Item# 3-4)	267.62	321.57
3	357099	Gasket, Seal Plate to Housing	CALL	CALL
4	17351-0101S	Shaft Seal	41.75	50.17
5	C19-37AZ	Band Clamp	167.19	200.90
6	WC36-22Z	Band Clamp Knob	20.34	24.44
8	356359Z	Diffuser	112.80	135.54
12	17307-0111S	Trap Cover Assembly (Incl. Item# 12-13)	112.32	134.96
13	35505-1440Z	Trap O-Ring	29.77	35.77
14	C8-58P	Basket	CALL	CALL
16	U30-918SS	Base Screw (Qty. 2)	7.88	9.47
19	U30-74SSZ	Screw, 3/8-16 x 1” Hex Head (Qty. 4)	7.00	8.41
—	357810	Fan Guard Kit	CALL	CALL

CALIFORNIA PROPOSITION 65 WARNING

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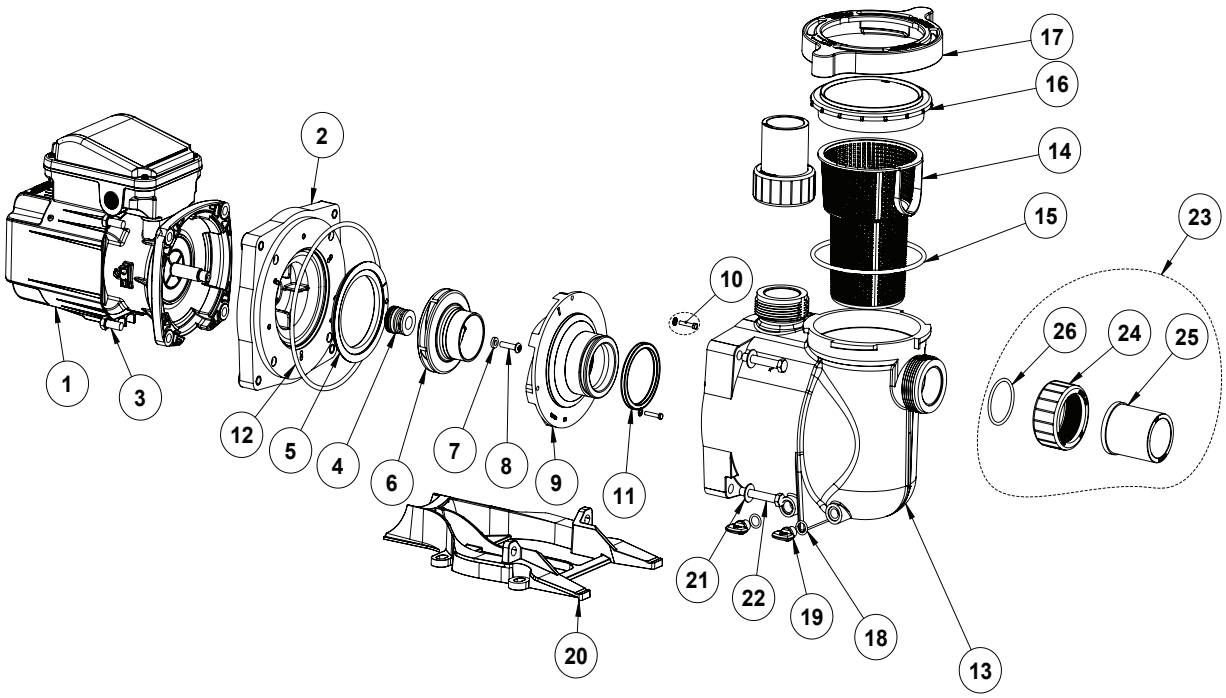
P/N 200174-A

SUPERMAX® DOE PUMP

REPLACEMENT PARTS



Replacement Parts for Product #348191

Item	Part No.	Description	US List	Can. List
		SUPERMAX DOE PUMPS		
1	356362S	Motor	695.57	835.80
2	355612Z	Seal Plate	139.50	167.62
3	070249	Bolt, Motor (Qty. 4)	CALL	CALL
4	354545SS	Shaft Seal Set	CALL	CALL
5	356357Z	Hydraulic Isolator	37.62	45.20
6	356356Z	Impeller	93.97	112.91
7	075713Z	Washer, Impeller Screw	2.89	3.47
8	071652Z	Screw, Impeller	5.03	6.04
9	356358Z	Diffuser	146.62	176.18
10	356213Z	Screw, Diffuser #8-32 X 7/8" (Qty. 3)	11.28	13.55
11	355030	Diffuser Seal	CALL	CALL
12	355619	O-Ring, Seal Plate	CALL	CALL
13	351089	Strainer Pot	438.04	526.35

Item	Part No.	Description	US List	Can. List
14	355667Z	Strainer Basket	34.93	41.97
15	357255	O-Ring, Lid	CALL	CALL
16	350091Z	Lid	52.15	62.66
17	351090	Locking Ring	64.78	77.84
18	192115Z	O-Ring, Drain Plug, (Qty. 2)	4.04	4.85
19	357161Z	Drain Plug (Qty. 2)	8.07	9.70
21	072184	Washer, Strainer Pot, (Qty. 4)	2.48	2.98
23	351157	Union Kit (Includes Items 24-26)	135.49	162.80
24	270141Z	Union Nut (Qty. 2)	CALL	CALL
25	350093Z	Union Adapter (Qty. 2)	29.12	34.99
26	6020018Z	Union O-Ring (Qty. 2)	2.89	3.47
—	357810	Motor Fan Guard	CALL	CALL

CALIFORNIA PROPOSITION 65 WARNING

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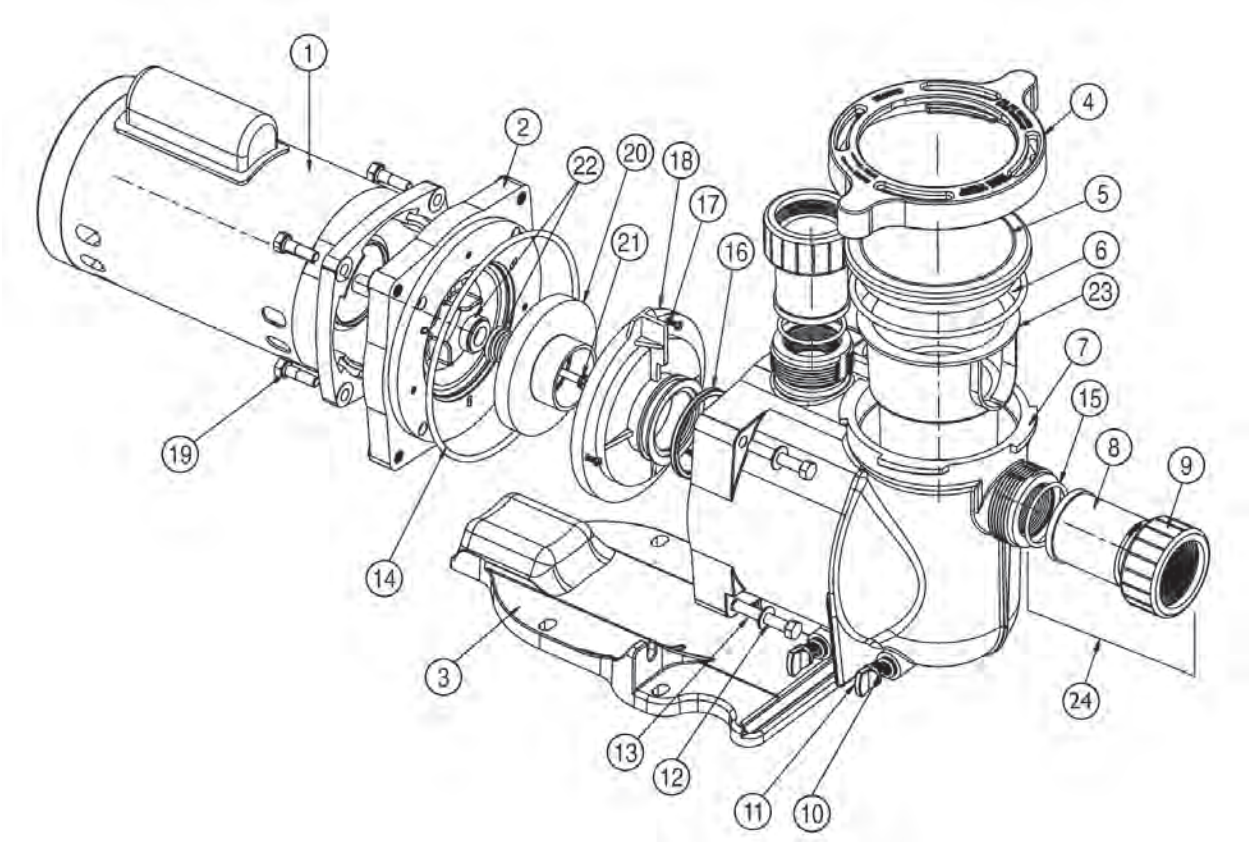
SUPERMAX® PUMP
REPLACEMENT PARTS

STA-RITE



Note: Pumps and replacement motors that are single speed and one (1) total HP or greater cannot be sold, offered for sale, or installed in a residential pool for filtration use in California, Title 20 CCR sections 1601-1609.

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SUPERMAX® PUMP (CONT'D)

REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
		SINGLE SPEED SUPERMAX MOTORS		
1	354804S	3/4HP, 1SP, 1PH, TEFC, 115/208-230	593.93	713.67
1	354822S	1HP, 1SP, 1PH, TEFC, 115/208-230	726.14	872.53
1	354824S	1-1/2HP, 1SP, 1PH, TEFC, 208-230	855.29	1027.72
1	354816S	2HP, 1SP, 1PH, TEFC, 208-230	1019.06	1224.50
1	355021S	1 HP Motor, SQFL, 1 sp, 1 ph, 60 hz, 2115/208-230, Black	533.24	640.74
1	355023S	1-1/2 HP Motor, SQFL, 1 sp, 1 ph, 60 hz, 115/208-230, black	858.12	1031.12
1	355027S	2-1/2 HP Motor, SQFL, 1 sp, 1 ph, 60 hz, 208-230, Black	867.51	1042.40
		EFFICIENT SUPERMAX MOTORS		
1	355011S	1.5 HP Motor SQFL, 1 Speed, 1 phase, 60 Hz, 115/208-230, black	618.57	743.27
1	355013S	2 HP Motor SQFL, 1 Speed, 1 phase, 60 Hz, 208-230, black	1054.77	1267.41
		SUPERMAX PUMPS		
2	355612Z	Seal Plate, Black	139.50	167.62
4	351090	Clamp, Ramp & Cam, Black	64.78	77.84
5	350091Z	Lid	52.15	62.66
6	357255Z	O-ring, Lid #2-357	8.84	10.62
7	351089	Volute, Black	438.04	526.35
8	350093Z	Adapter, 2 req.	29.12	34.99
9	270141Z	Nut, 2 req.	31.27	37.57
10	192115Z	O-Ring Drain Plug, 2 req.	4.04	4.85
11	357161Z	Drain Plug, 2 req.	8.07	9.70
12	072184	Washer 3/8 in. S/S, 4 req.	2.48	2.98
14	355619Z	O-Ring Seal Bracket	17.33	20.82
15	6020018Z	O-Ring Adapter #2-226, 2 req.	2.89	3.47
16	355030Z	Seal Diffuser	15.00	18.02
17	355334Z	Screw #8-32 HEX Washer HD, 3 req.	5.03	6.04
22	354545S	Seal Set	45.83	55.07
	356210S	Seal, mechanical, ozone/salt resistant	51.07	61.37
23	355667Z	Basket, Large	34.93	41.97
24	351157	SuperMax Union Kit (includes 2 of Items 8, 9, & 15)	135.49	162.80
		SUPERMAX DIFFUSERS		
18	355617	Diffuser, 1/2 HP	153.69	184.67
18	355617	Diffuser, 3/4 HP	153.69	184.67
18	355617	Diffuser, 1 HP	153.69	184.67
18	355618Z	Diffuser, 1-1/2 HP	153.69	184.67
18	355618Z	Diffuser, 2 HP	153.69	184.67
18	350170	Diffuser, 2-1/2 HP	151.35	181.86
19	070429Z	Bolt, 3/8-16 X 7/8 SS Hex Head 18-8, 4 req.	5.03	6.04

Item	Part No.	Description	US List	Can. List
		SUPERMAX IMPELLERS		
20	355043	Impeller 1/2 HP	87.14	104.71
20	355043	Impeller 3/4 HP	87.14	104.71
20	355067Z	Impeller 1 HP	95.25	114.45
20	355074Z	Impeller 1-1/2 HP	95.25	114.45
20	355086Z	Impeller 2 HP	95.25	114.45
20	355093	Impeller 2-1/2 HP	92.18	110.76
20	355067Z	Impeller 1 HP, 2-SPD	95.25	114.45
20	355074Z	Impeller 1-1/2 HP, 2-SPD	95.25	114.45
20	355086Z	Impeller 2 HP, 2-SPD	95.25	114.45
21	355389Z	Screw, Impeller Locking	3.61	4.34
		NOT SHOWN		
	401014Z	Motor End Cap and Screw	41.72	50.13
	357924Z	Fan Guard Kit TEFC/Super-Duty	CALL	CALL

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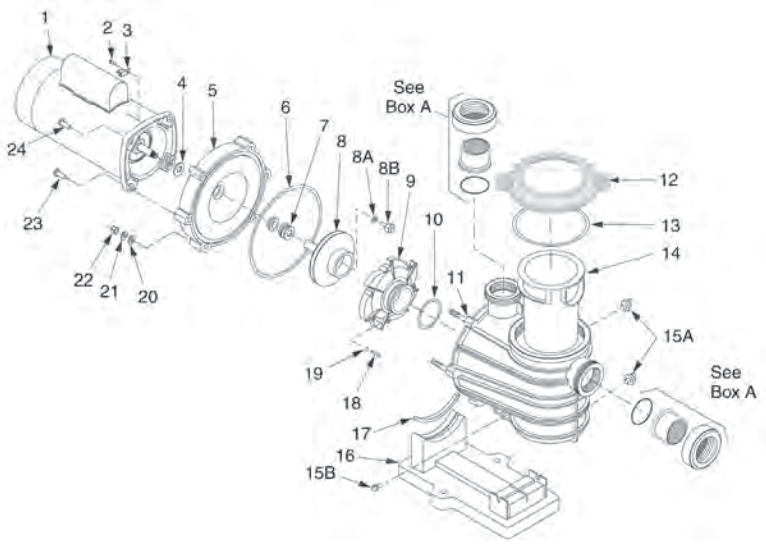
DYNA-PRO®/DYNA-PRO E PUMPS

1/2 THROUGH 2-1/2 HP MODELS, SINGLE SPEED AND TWO SPEED REPLACEMENT PARTS



Box A

For quick disconnect pipe connections, purchase separately:

PKG 188Z 2 in. Slip 1/2 Union Kit or Pkg. 189 2 in. NPT 1/2 Union Kit.

Includes 2 each:

U11-200P Union Collar

U9-362Z O-Ring

U11-196P 2 in. Slip adapter or U11-199P 2 in. NPT adapter.

Item	Part No.	Description	US List	Can. List
DYNA-PRO REPLACEMENT PARTS				
2	U30-692SS	Screw #10-32 x 1/2 in.	3.40	4.09
3	U17-568	Bonding Lug	CALL	CALL
4	17351-0009	Slinger	3.01	3.62
5	C3-184P	Seal Plate	187.85	225.72
6	U9-373Z	Seal Plate Cord Ring	14.68	17.64
7	17351-0101S	Shaft Seal	41.75	50.17
8	C105-236P	Impeller, 1/2 HP - Models MPEA6D-204L, MPE6C-204L, MPRA6D-204L	75.84	91.13
8	C105-236PB	Impeller, 1 HP - Models MPEA6E-205L, MPE6D-205L, MPRA6E-205L, MPRA6E-147L, MPRA6E-147LC	75.84	91.13
8	C105-236PC	Impeller, 1-1/2 HP - Models MPEA6F-206L, MPE6E-206L, MPRA6F-206L, MPRA6YF-206L,	75.84	91.13
8	C105-236PDA	Impeller, 2 HP - Models MPEA6G-207L, MPE6F-207L, MPEA6YG-207L, MPE6YF-207L, MPRA6G-207	75.84	91.13
8A	33455-1047	Gasket, Models MPEA6G-207L, MPE6F-207L, MPEA6YG-207L, MPE6YF-207L, MPRA6G-207	CALL	CALL
8A	33455-1047	Gasket, Models MPEAA6G-208L, MPA6G-208L, MPEAA6YG-208L, MPE6G-208L	CALL	CALL
8B	37337-6080	Impeller Lock Screw, Models MPEA6G-207L, MPE6F-207L, MPEA6YG-207L, MPE6YF-207L, MPRA6G-207	30.83	37.05
8B	37337-6080	Impeller, Models MPEAA6G-208L, MPA6G-208L, MPEAA6YG-208L, MPE6G-208L	30.83	37.05
9	C1-270P	Diffuser - 1-1/2 HP	46.99	56.46
9	C1-270P	Diffuser - 2 HP	46.99	56.46

Item	Part No.	Description	US List	Can. List
9	C1-270P	Diffuser - 2-1/2 HP	46.99	56.46
10	U9-374Z	Diffuser O-Ring	8.68	10.43
11	C76-71P	Tank and Trap Body (Only)	436.79	524.85
12	17307-0111S	Lid and Locking Ring Assembly	112.32	134.96
13	35505-1440Z	Trap Cover O-Ring	29.77	35.77
14	C8-58PZ	Trap Basket	22.05	26.50
15A	U178-920PZ	Drain Plug	8.07	9.70
15B	U30-919SS	Mounting Screw 5/16-14 x 5/8 in.	7.00	8.41
16	C4-77P	Base - Plastic	79.63	95.68
17	C35-45	Motor Pad - for Plastic Base	7.21	8.66
18	U30-542SSZ	Screw #8-32 x 7/8 in. Rd. Hd.	3.61	4.34
19	U43-21SSZ	Lock Washer #8 Ext. Tooth.	2.91	3.50
20	U43-62SSZ	Flat Washer 3/8 in.	2.75	3.30
21	U43-12SSZ	Lock Washer 3/8 in.	4.55	5.47
22	U30-75SS	Cap Screws 3/8-16 x 1-1/4 in. Hex. (LS Suffix)	4.81	5.78
23	U30-74SSZ	Cap Screws 3/8-16 x 1 in. Hex.	7.00	8.41

Note: Pumps and replacement motors that are single speed and one (1) Total HP or greater cannot be sold, offered for sale, or installed in a residential pool for filtration use in California, Title 20 CCR sections 1601-1609.

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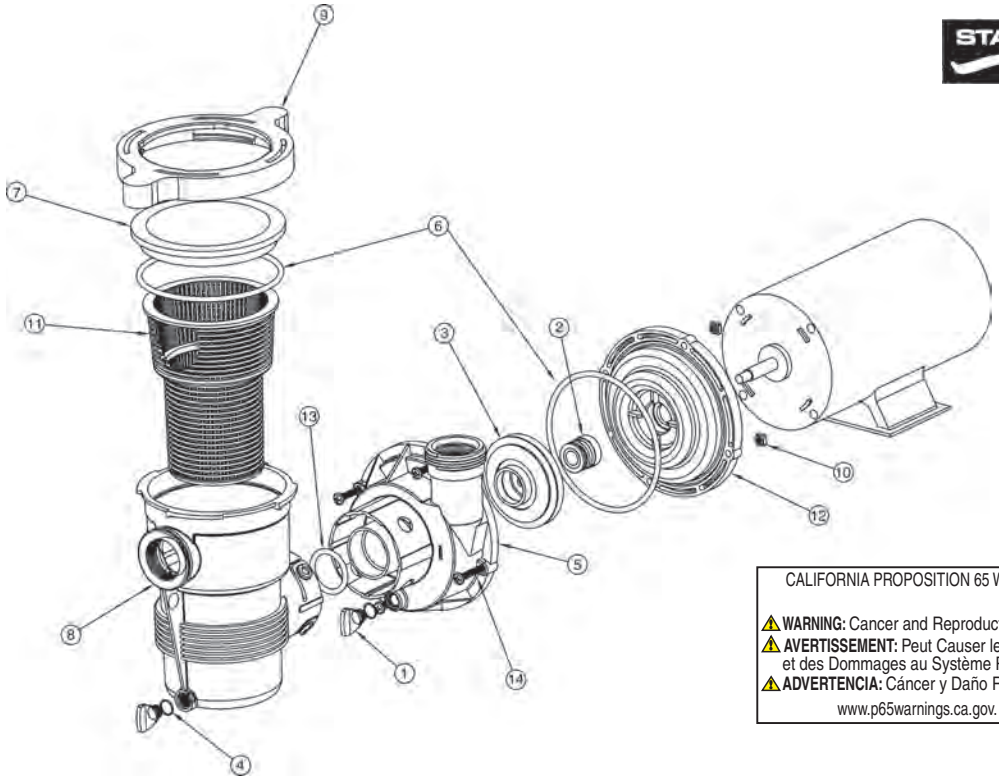
OPTIFLO® PUMP

PENTAIR AND STA-RITE REPLACEMENT PARTS



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www.p65warnings.ca.gov. P/N 200174.A

Item	Part No.	Description	US List	Can. List
		OPTIFLO PUMPS		
1	357161Z	Drain plug	8.07	9.70
2	354545S	Mechanical seal	45.83	55.07
3	350017Z	Impeller, 1 HP	96.64	116.12
3	350018	Impeller, 1-1/2 HP	102.43	123.08
4	192115Z	O-ring	4.04	4.85
5	357213	Volute [1]	44.05	52.93
6	357255Z	O-ring 2-357	8.84	10.62
7	357227	Lid	19.13	22.99
7	357323	Chemical Resistant Lid	53.48	64.26
8	357228Z	Pot [1]	57.73	69.37
9	357239	Clamp ring	23.14	27.81
11	355667Z	Basket	34.93	41.97
13	350103Z	O-ring 2-130	8.84	10.62
14	98209000	1/4-20 x 1-1/2 Machine screw	3.48	4.18

[1] Includes drain plugs.

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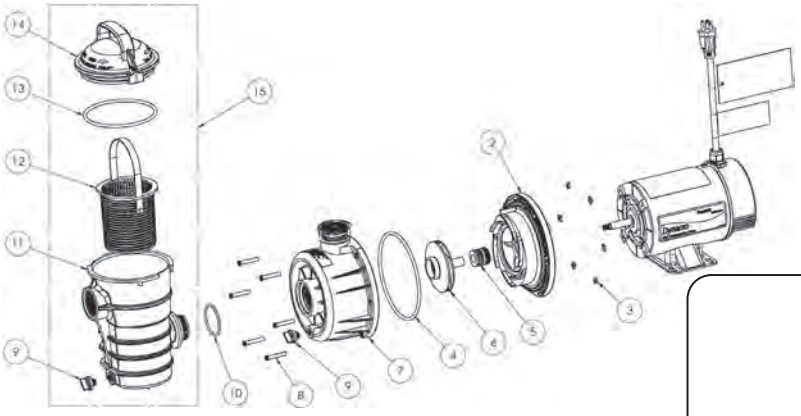
DYNAMO® PUMP

PENTAIR AND STA-RITE REPLACEMENT PARTS

STA-RITE



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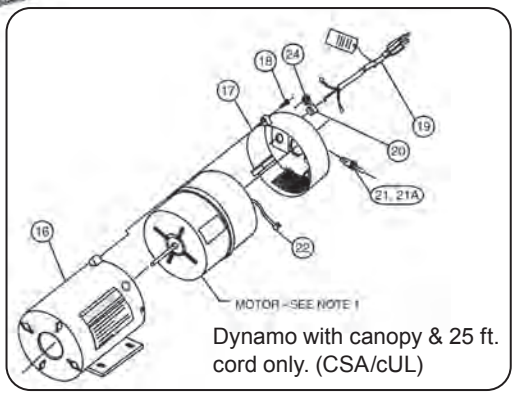

Dynamo with canopy & 25 ft. cord only. (CSA/cUL)

Item	Part No.	Description	US List	Can. List
DYNAMO PUMPS				
2	354632	Diffuser, 3/4 HP bracket	166.41	199.96
2	354633Z	Diffuser, 1, 1-1/2 HP bracket	166.41	199.96
3	354634	O-ring, 3/16 in. bracket diffuser	12.90	15.50
5	354545S	Seal, 5/8 in. mechanical	45.83	55.07
6	355122Z	Impeller, 1 HP	54.77	65.81
7	354630Z	Housing, body	184.57	221.78
9	U178-920PZ	Drain plug assy. - 2 req.	8.07	9.70
10	273062Z	O-ring	4.83	5.80
11	354530Z	Pot	163.97	197.03
12	354548Z	Basket w/ handle	30.89	37.12
13	354533Z	O-ring, lid	14.46	17.38
14	354531	Lid, universal	91.35	109.77
14	354113	Chemical Resistant Lid	91.35	109.77
15	354103	Pot assembly	363.26	436.49

Item	Part No.	Description	US List	Can. List
DYNAMO WITH CANOPY AND 25 FT. CORD ONLY (CSA/cUL)				
17	354882	Cap. motor enclosure (two-speed)	102.75	123.46
18	154716	Screw, No.10 self tapping	1.25	1.50
19	41412700	Bushing connector	17.21	20.68
20	155187Z	Switch, on/off toggle (CSA)	35.12	42.20
21	155193	Wire, 6 in. jumper	10.36	12.45
22	350024	Locknut, steel 1-1/2 in.	1.42	1.71
NOT SHOWN				
	352256Z	Nut, 1-1/2 in. quick connect, 2 req.	15.99	19.21
	354571Z	O-ring, 2 req.	5.60	6.73
	79137800	3 ft. cord standard assembly	103.03	123.80
	352245	Strain relief bushing for cords	CALL	CALL
	350444	Canopy switch assembly, on/off [1]	76.35	91.74
	350481	Canopy with on-off switch [2]	CALL	CALL
	155380Z	Base CSA 4 in.	CALL	CALL
	155234	3 ft. cord TW	124.30	149.36
	79137800	3 ft. cord-standard	103.03	123.80

[1] Pumps manufactured before 4/13.
[2] Pumps manufactured after 4/13.

Note: Pumps and replacement motors that are single speed and one (1) Total HP or greater cannot be sold, offered for sale, or installed in a residential pool for filtration use in California, Title 20 CCR sections 1601-1609.

WHISPERFLOXF® VS PUMP / MAX-E-PROXF® VS PUMP

REPLACEMENT PARTS

CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

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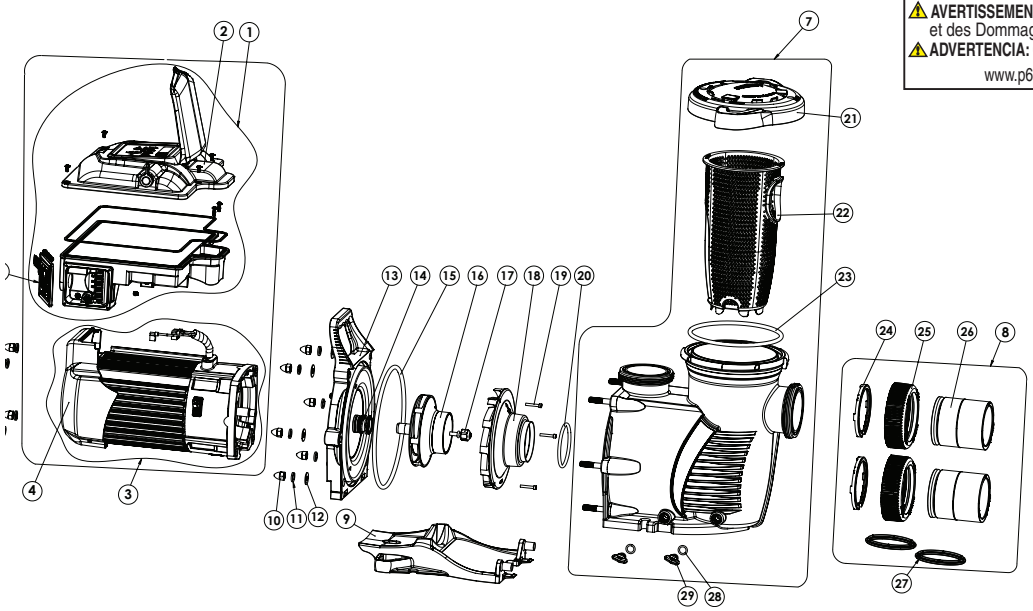

Item	Part No.	Description	US List	Can. List
WHISPERFLOXF VS PUMP /MAX-E-PROXF VS PUMP				
1	358085	WhisperFloXF VS Drive Kit (includes drive, top cover, keypad cover and field wiring cover/screws)	3520.20	4229.87
1	358086	Max-E-ProXF VS Drive Kit (includes drive, top cover, keypad cover and field wiring cover/screws)	3520.20	4229.87
2	358093	WhisperFloXF VS Top Cover Kit w/Screws	803.01	964.90
2	358094	Max-E-ProXF VS Top Cover Kit w/Screws	805.17	967.49
3	358089	WhisperFloXF VS Motor w/Fan Shroud	2259.67	2715.22
3	358090	Max-E-ProXF VS Motor w/Fan Shroud	2259.67	2715.22
4	358095	WhisperFloXF VS Fan Shroud w/Screws	173.97	209.04
4	358096	Max-E-ProXF VS Fan Shroud w/Screws	173.97	209.04
5	358091	WhisperFloXF VS Field Wiring Cover w/Screws	100.86	121.19
5	358092	Max-E-ProXF VS Field Wiring Cover w/Screws	101.15	121.54
7	400000	WhisperFloXF VS Wet End Assembly	503.13	604.56
7	401000	Max-E-ProXF VS Wet End Assembly	503.13	604.56
8	410020	Union Kit	229.20	275.41
9	400004Z	WhisperFloXF VS Motor Base	61.41	73.79
11	U43-12SSZ	Lock Washer (Qty. 10)	4.55	5.47
12	072184	Flat Washer (Qty. 6)	2.48	2.98
13	400002	WhisperFloXF VS Seal Plate	332.52	399.56
13	401002	Max-E-ProXF VS Seal Plate	332.52	399.56
14	17351-0101S	Mechanical Seal	41.75	50.17
15	351446Z	Seal Plate O-Ring	10.02	12.04
16	400023Z	Impeller Assembly	218.22	262.21

Item	Part No.	Description	US List	Can. List
17	072172	Impeller Screw Washer (Applicable after 10/7/2019 only)	0.38	0.46
17	37337-6080	Impeller Screw, Plastic-Head (pumps mg. before 10/7/2019)	30.83	37.05
17	356073	Impeller Screw, Metal-Head (pumps mfg. after 10/7/2019)	17.46	20.98
18	400011	Diffuser	CALL	CALL
19	353323Z	Diffuser Screws	5.23	6.28
20	350336Z	Diffuser O-Ring	5.26	6.32
21	400006	WhisperFloXF VS Lid/Locking Ring Assembly	88.54	106.39
21	401006	Max-E-ProXF VS Lid/Locking Ring Assembly	88.54	106.39
22	400007Z	Strainer Basket	55.37	66.53
23	35505-1440Z	Lid/Locking Ring O-Ring	29.77	35.77
24	410001Z	2.5 in, C-Clip Locking Ring (Qty. 2)	11.24	13.51
25	411000	2.5 in. Union Nut (Qty. 2)	30.81	37.02
26	410002Z	2.5 in. Union Adapter w/o Tap (Qty. 2)	53.10	63.80
27	410016Z	2.5 in. Diamond Seal Kit (Qty. 2)	18.93	22.75
28	192115Z	Drain Plug O-Ring (Qty. 2)	4.04	4.85
29	071131Z	WhisperFloXF VS Drain Plug (2 req.)	9.85	11.84
29	357161Z	Max-E-ProXF VS Drain Plug (Qty. 2)	8.07	9.70
NOT SHOWN				
	356324Z	External Control Wiring Kit	120.32	144.58
	97014-4203KIT	3-inch Flowmeter Kit	CALL	CALL
	400030Z	Seal Plate Hardware and O-Ring Kit*	100.61	120.89
	400012	Riser Plate, XF to Challenger	106.23	127.65

*NOTE: HARDWARE AND O-RING KIT INCLUDES ITEM NO. 9-11 AND 14.

EQ SERIES® COMMERCIAL PLASTIC PUMP

REPLACEMENT PARTS

CALIFORNIA PROPOSITION 65 WARNING

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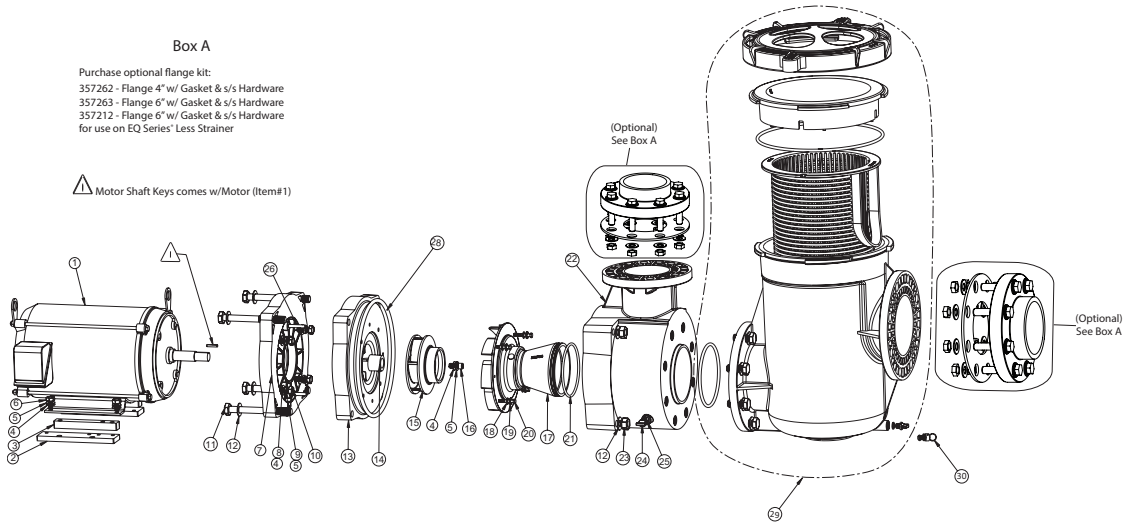


Part No.	Model No.	HP	Phase	Motor Support (Item No. 2)	Additional Motor Support (Item No. 3)	Motor No. (Item No. 1)	Impeller (Item No. 15)	Diffuser (Item No. 17)
340019, 340030	EQ500	5	1	356713	356712	357065S	350030	350032
340020, 340031	EQK500	5	3	356713	356712	357068S	350030	350032
340604, 340608	EQKT500	5	3	356713	356712	350731Z	350030	350032
340021, 340032	EQ750	7-1/2	1	356713	N/A	357066S	350029	350033
340022, 340033	EQK750	7-1/2	3	356713	356712	357069S	350029	350033
340605, 340609	EQKT750	7-1/2	3	356713	N/A	350732Z	350029	350033
340237, 340238	EQ1000	10	1	356713	N/A	357063S	350028	350033
340023, 340034	EQK1000	10	3	356713	N/A	357070S	350028	350033
340606, 340610	EQKT1000	10	3	356713	N/A	350733Z	350028	350033
340024, 340035	EQK1500	15	3	356713	N/A	357071S	350027	356735
340607, 340611	EQKT1500	15	3	356713	N/A	350734Z	350027	356735
340045, 340047	EQK1000 EXPL PF, 50 Hz	10	3	356713	N/A	350112S	350027	356735
340046, 340048	EQK750 EXPL PF, 50 Hz	7-1/2	3	356713	N/A	350113S	350028	350033
340049, 350083	EQK1000, 50 Hz	10	3	356713	N/A	350153S	350027	356735
340080, 340084	EQK750, 50 Hz	7-1/2	3	356713	N/A	350154S	350028	350033
340081, 340085	EQK500, 50 Hz	5	3	356713	356712	350155S	350029	350033
340082, 340086	EQK300, 50 Hz	3	3	356713	356712	350156S	350030	350032
340014, 340026	EQW300	3	1	356713	356712	357064S	350027	356735
340016, 340027	EQWK300	3	3	356713	356712	357067S	350027	356735
340018, 340029	EQWK500	5	3	356713	356712	350158S	350070Z	357273
340017, 340028	EQW500	5	1	356713	356712	350159S	350070	357273
340148, 340155	EQK500 575V	5	3	356713	356712	355038S	350030	350032
340149, 340156	EQK750 575V	7-1/2	3	356713	356712	355039S	350029	350033

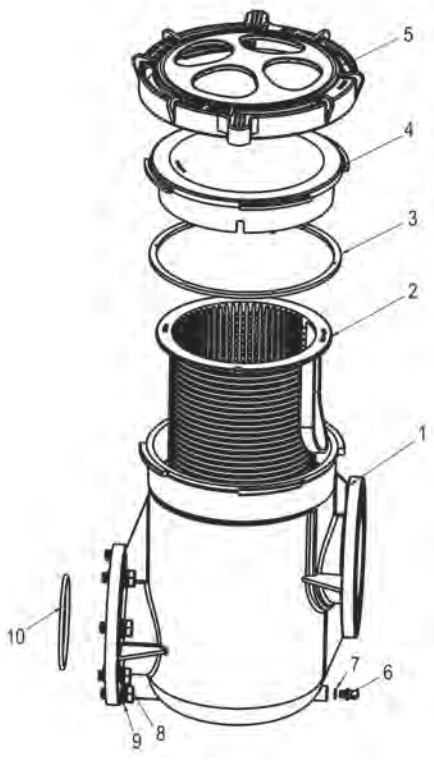
Call for pricing on these items.

EQ SERIES® COMMERCIAL PLASTIC PUMP (CONT'D)

REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
		EQ SERIES PUMP		
1		Motor - See Table on Prev Page		
2		Support - Motor - See Table on Prev Page		
3		Support Adapter - See Table on Prev Page		
4	072184	Washer, Flat 3/8 in. ID x 7/8 in. OD .05 Thk 18-8 s/s - (qty.51 & qty.9)	2.48	2.98
5	98220600Z	Washer Split Lock 3/8 in. 18-8 s/s - (qty. 51 & qty. 9)	2.48	2.98
6	A135	Screw 3/8 in.-16 x 3/4 in. Hx Hd Cap 18-8 s/s (EQ750…1PH, EQ1000, EQ1500) - (qty. 4)	19.84	23.84
6	350073	Screw 3/8 in.-16 x 1-1/2 Hx Hd Cap 18-8 s/s (EQ300, EQ500, EQ750…3PH) - (qty.4)	9.14	10.98
7	356790	Adapter - Motor - EQ Series	1643.27	1974.55
8	075842	Washer, Flat 1/2 in. ID x 1-1/4 in. OD .125 Thk 300 s/s - (qty. 4)	2.48	2.98
9	350063	Washer Split Lock 1/2 in. 18-8 s/s - (qty.4)	11.73	14.09
10	U30-74SSZ	Screw 3/8 in.-16 x 1 in. Hx Hd Cap 18-8 s/s (EQ300, EQ500, EQ750…3PH) - (qty. 4)	7.00	8.41
10	071687	BLT 1/2-13 x 1.25 STL HH SS (qty. 4)	10.34	12.42
11	356710	Screw 5/8 in.-11 x 6-1/2 in. Hx Hd Cap 18-8 s/s - (qty. 4)	224.40	269.64
12	356789	Washer, Flat 11/16 in. IDx1 - 5/16 in. OD .078 Thk 300 s/s (qty. 8)	2.48	2.98
13	356795	Seal Plate - EQ Series	1942.04	2333.56
14	071725S	Seal Set	81.55	97.99
15		Impeller - See Table on Prev Page		
16	071037	Screw 3/8 in.-16 x 1 in. Sckt. Hd Cap 18-8 s/s	10.59	12.72
17		Diffuser - See Table on Prev Page		
18	51008500	Washer, Flat 1/4 in. 300 s/s - (qty. 4)	6.62	7.95
19	072172	Washer Split Lock 1/4 in. 18-8 s/s - (qty. 4)	0.38	0.46
20	350035	Screw 1/4 in.-20 x 1-1/2 in. Hx Hd Cap 18-8 s/s (EQ500, EQ750, EQ1000) - (qty. 4)	8.76	10.53
21	350037	O-ing Diffuser 3/16 in. x 4-7/8 in.	CALL	CALL
22	356755	Housing - EQ Series	5826.38	7000.98
23	356776	Nut 5/8 in.-11 Hx Brass - (qty. 5)	28.68	34.46
24	357161Z	Drain Plug	8.07	9.70
25	192115Z	O-ring Drain Plug	4.04	4.85
26	350060	Pin Dowel 5/16 in. x 1-3/4 in. 18-8 s/s - (qty. 2)	42.09	50.58
28	356780	O-ring Seal Plate 3/8 in. x 11 in. dia.	CALL	CALL
29	340013	Strainer Pot Assy Complete EQ 6 in. x 6 in.	2548.22	3061.94
30	350087	Pressure Relief Valve	112.66	135.37
		NOT SHOWN		
	351137S	EQ Alignment Tool Seal Plate to Motor	419.29	503.82
	355930	5HP 3-phase TEFC power end	7558.48	9082.27
	355931	7-1/2HP 3-phase TEFC power end	8400.10	10093.56
	355932	10HP 3-phase TEFC power end	9617.26	11556.10
	355933	15HP 3-phase TEFC power end	11103.51	13341.98

Item	Part No.	Description	US List	Can. List
		EQ SERIES HAIR & LINT STRAINER		
1	356725	Pot EQ strainer	1980.54	2379.82
2	357184	Basket EQ strainer	364.27	437.71
3	350166	Gasket, EQ lid	36.71	44.11
4	356750	Lid EQ clear	825.50	991.92
5	350171	Clamp Cam & Ramp™ EQ (No Lid)	1140.65	1370.61
6	357161Z	Drain Plug	8.07	9.70
7	192115Z	O-ring drain plug	4.04	4.85
8	356788	Screw, 5/8 in., 11 x 1-3/4 in. hx hd cap 18-8 SS (qty. 8)	18.10	21.75
9	356789	Washer, flat 11/16 in. ID x 1-5/16 in. OD 0.078 thk 300 SS (qty. 8)	2.48	2.98
10	350013Z	O-ring pot flange	6.04	7.26
		NOT SHOWN		
	350087	Pressure relief valve, 1/4 in. NPT	112.66	135.37



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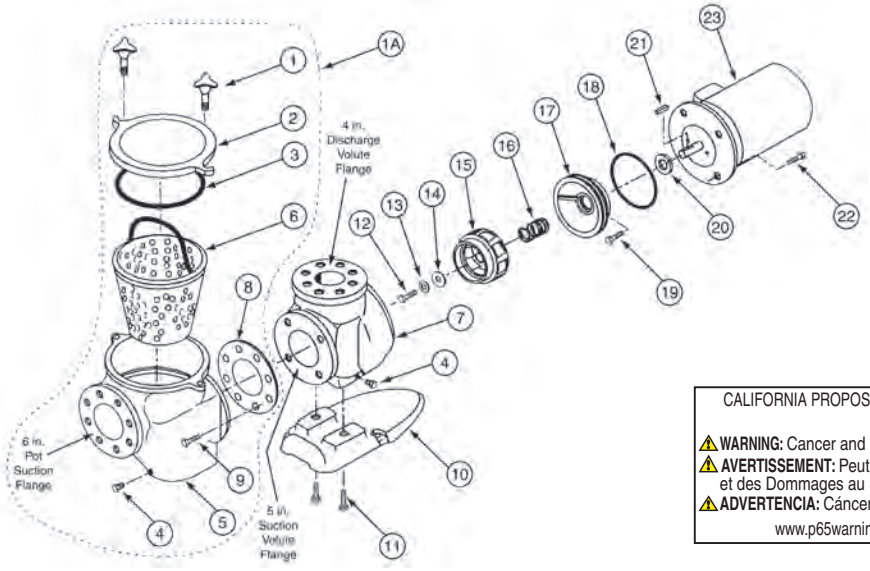
C SERIES® HIGH PERFORMANCE COMMERCIAL PUMP

REPLACEMENT PARTS



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Item	Part No.	Ref. No.	Description	US List	Can. List
C SERIES PUMPS					
1	075280	54475280618	Hand nut assembly, bronze, 2 req.	226.91	272.66
1A	072747		C series pot assembly [1]	14897.93	17901.35
2	075275	26075275219	Cover, C16, bronze	1645.77	1977.56
3	071433	3640525457	O-ring, C-18	15.58	18.72
4	071551	6000002190	Plug pipe, 1/4 in. bronze, 1 req.	9.21	11.07
5	075271Z	79675271199	Pot mach. bronze	7773.39	9340.51
6	072795	70472795100	Basket, C-29 SS 11 in.	774.30	930.40
7	075273Z	18075273199	Volute, C-2 bronze	7668.47	9214.43
8	070943	36470943603	Gasket flange, P-135, 5 in.	47.70	57.32
9	071683	1680634104	Screw, 3/4-10, 1-3/4, SS , 4 req.	59.54	71.54
10	075287	82075287632	Foot, C-4 coated	276.53	332.28
11	071688	1680558359	Screw, 5/8, 11 x 1 stl. hh., 2 req.	3.15	3.79
12	071037	1680115104	Impeller, C-35 lock screw	10.59	12.72
13	071048	90871048212	Impeller, washer, C-71	23.92	28.74
14	075713Z	3642034603	Impeller, washer gasket	2.89	3.47
15	073828	44473328208	Impeller, CH-50/ CHK-50/CHKL-50, 5HP, 1PH, 3PH, high hd.	2539.85	3051.88
15	070228	44470228208	Impeller, CM-50/ CMK-50/CMKL-50, 5HP, 1PH, 3PH, med. hd.	2539.85	3051.88
15	073829	44473829208	Impeller, CH-75/ CHK-75/CHKL-75, 7.5HP, 1PH, 3PH, high hd.	2539.85	3051.88
15	070227	44470227208	Impeller, CM-75/ CMK-75/CMKL-75, 7.5HP, 1PH, 3PH, med. hd.	2539.85	3051.88
15	073830	44473830208	Impeller, CH-100/ CHK-100/CHKL-100, 10HP, 1PH, 3PH, high hd.	2539.85	3051.88
15	070226	44470226208	Impeller, CM-100/ CMK-100/CMKL-100, 10HP, 1PH, 3PH, med hd.	2539.85	3051.88
15	073831	44473831208	Impeller, CHK-150/ CHKL-150, 15HP, 3PH, high hd.	2539.85	3051.88
15	070225	44470225208	Impeller, CMK-150/ CMKL-150, 15HP, 3PH, med hd.	2539.85	3051.88
15	073832	44473832208	Impeller, CHK-200/ CHKL-200, 20HP, 3PH, high hd.	2539.85	3051.88
16	071725S	71271725753	Seal, C-7, PS-360	81.55	97.99
17	070906	11670906199	Flange, mach., C-52 brass	1106.20	1329.21
18	071423	3640508457	O-ring, C-70	6.16	7.40
19	071681	1680378104	Screw, 3/8, 16 x 7/8 in. CS hh., 2 req.	CALL	CALL
20	072185	7641043478	Water slinger, C-115	16.43	19.74
21	071046	4720201104	Impeller, key, 3/16 in.	41.61	50.00
22	071687	1680155113	Screw, 1/2, 13 x 1-1/4 stl. hh., 4 req.	10.34	12.42
60 HERTZ MOTORS					
23	357205S		Motor package, 5HP, 1PH, 200/208V	6087.79	7315.09
23	071366S	52571366999	Motor package, 5HP, 1PH, 230V	6053.25	7273.59
23	357206S		Motor package, 5HP, 3PH, 200/208V	5279.65	6344.03
23	071364S	52571364999	Motor package, 5HP, 3PH, 208-220/440	5279.73	6344.12
23	357207S		Motor package, 7-1/2 HP, 1PH, 200/208V	6602.63	7933.72
23	357204S	525357204999	Motor package, 7-1/2 HP, 1PH, 230V	7170.42	8615.98
23	357208S		Motor package, 7-1/2 HP, 3PH, 200/208V	5323.53	6396.75
23	071365S	52571365999	Motor package, 7-1/2 HP, 3PH, 208-220/440V	5781.34	6946.86

C SERIES® HIGH PERFORMANCE PUMP (CONT'D)

REPLACEMENT PARTS

Item	Part No.	Ref. No.	Description	US List	Can. List
C SERIES PUMPS					
60 HERTZ MOTORS (Cont'd)					
23	357247S		Motor package, 7.5HP, 3PH, 575V	CALL	CALL
23	357209S		Motor package, 10HP, 3PH, 200/208V	7657.38	9201.11
23	357249S		Motor package, 10HP, 1PH, 230V	6756.74	8118.90
23	071363S	52571363999	Motor package, 10HP, 3PH, 208-220/440V	8315.88	9992.36
23	357238S		Motor package, 10HP, 3PH, 575V	7701.08	9253.62
23	357210S		Motor, package 15HP, 3PH, 200/208V	8970.48	10778.93
23	071361S	52571361999	Motor package, 15HP, 3PH, 208-220/440V	9741.90	11705.87
23	357245S		Motor package, 15HP, 3PH, 575V	CALL	CALL
23	357211S		Motor package, 20HP, 3PH, 200/208V	14835.82	17826.72
23	071362S	52571362999	Motor package, 20HP, 3PH, 208-220/440V	CALL	CALL
23	357246S		Motor, package 20HP, 3PH, 575V	14835.82	17826.72
50 HERTZ MOTORS					
23	072737S	52572737999	Motor, 5HP, 3PH, 380/415V	4889.34	5875.03
23	072739S	52572739999	Motor, 7.5HP, 3PH, 380/415V	5353.93	6433.28
23	072740S	52572740999	Motor, 10HP, 3PH, 380/415V	4532.86	5446.68
23	072742S	52572742999	Motor, 15HP, 3PH, 380/415V	CALL	CALL
23	072744S	52572744999	Motor, 20HP, 3PH, 380/415V	14835.82	17826.72
Motor subassemblies include items No.12 -21 and 23					
	073260	A073260	Motor, sub assembly, CM-50	CALL	CALL
	073262	A073262	Motor, sub assembly, CMK-50 [2]	CALL	CALL
	073264	A073264	Motor, sub assembly, CH-50	CALL	CALL
	073265	A073265	Motor, sub assembly, CHK-50 [2]	CALL	CALL
	073263	A073263	Motor, sub assembly CMK-75 [2]	CALL	CALL
	073266	A073266	Motor, sub assembly CHK-75 [2]	CALL	CALL
	073680	A073680	Motor, sub assembly CMK-100 [2]	15190.31	18252.68
	073267		Motor, sub assembly CHK-100 [2]	CALL	CALL
	073261	A073261	Motor, sub assembly CMK-150 [2]	CALL	CALL
	073268	A073268	Motor, sub assembly CHK-150 [2]	CALL	CALL
	073269	A073269	Motor, sub assembly CHK-200 [2]	CALL	CALL
	357910	A357910	Motor, sub assembly CH-75, 1PH, 230V [3]	CALL	CALL
	357930	A357930	Motor, sub assembly CM-75, 1PH, 200V [3]	CALL	CALL
	357935	A357935	Motor, sub assembly CH-75, 1PH, 200V [3]	CALL	CALL
	357250		Motor, sub assembly CH-100, 10HP, 1PH, 230V	CALL	CALL
	357251		Motor, sub assembly CM-100, 1PH, 230V	CALL	CALL
	014700	A014700	Motor, sub assembly CMKL-50 380/415V [4]	CALL	CALL
	014801	A014801	Motor, sub assembly CHKL-50 380/415V [4]	CALL	CALL
	014701	A014701	Motor, sub assembly CMKL-75 380/415V [4]	CALL	CALL
	014802	A014802	Motor, sub assembly CHKL-75 380/415V [4]	CALL	CALL
	014702	A014702	Motor, sub assembly CMKL-100 [4]	CALL	CALL
	014803	A014803	Motor, sub assembly CHKL-100 [4]	CALL	CALL
	014703	A014703	Motor, sub assembly CMKL-150 [4]	CALL	CALL
	014804	A014804	Motor, sub assembly CHKL-150 [4]	CALL	CALL
	014805	A014805	Motor, sub assembly CHKL-200 [4]	CALL	CALL

[1] Includes: 2 of item No. 1, 1 each of items No. 2 thru No. 6, 1 of item No. 8 and 4 of item No. 9.

[2] All motor subassemblies are 60 Hertz 220/440V, 3 phase.

[3] All motor subassemblies are single phase 60 Hertz.

[4] All motor subassemblies are 50 Hertz 380/415V, 3 phase.

Notes:

- All bronze C-series parts will retrofit older cast iron models.
- Standard flange not included with pump.
- For all 200/208V applications, use 200/208V motors only.

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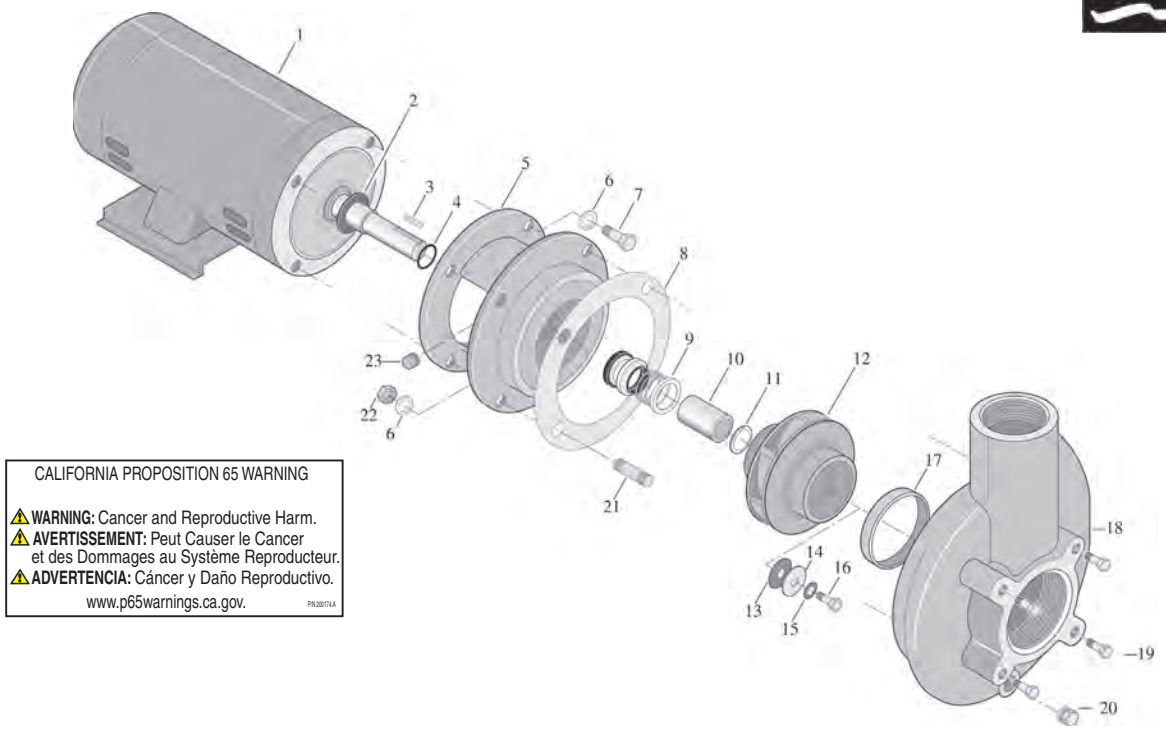
www.p65warnings.ca.gov.

P/N 20017-A

C/CC SERIES™ CENTRIFUGAL PUMP

3 HP MODEL REPLACEMENT PARTS



CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
⚠ **AVERTISSEMENT:** Peut Causer le Cancer et des Dommages au Système Reproducteur.
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov.

Item	Part No.	Description	US List	Can. List
CENTRIFUGAL PUMP - C/CC SERIES - 3 HP				
1	C218-177	Motor 230V/60H/1 Ph.	CALL	CALL
1	C218-178	Motor 200V/60H/3 Ph.	CALL	CALL
1	C218-179	Motor 230/460V/60H/3 Ph.	CALL	CALL
1	C218-191	Motor 200V/60H/1 Ph.	CALL	CALL
3	U65-42A	Key, Impeller	20.09	24.14
4	U9-265	O-Ring	4.07	4.89
5	C2-81	Adapter (Models: CCMH-136, CCM2H-136, CCM2H-136S, CCMH3-136S, CCM2H3-136, CCM2H3--136S, CCHH-137S, CCHH3-137S, CCH2H-137S, CCH2H3-137, CCH2H3-137S)	372.88	448.05
5	C2-81D	Adapter (Models: CMH-136, CMH3-136, CM2H-136, CM2H3-136, CHH-137, CHH3-137, CH2H3-137)	1357.75	1631.47
6	U43-12ZP	Lockwasher, 3/8 in.	CALL	CALL
7	U30-73ZP	Capscrew, 3/8-16 x 7/8 in.	CALL	CALL
8	C20-77	Gasket	CALL	CALL
9	U109-433SS	Shaft Seal (Replaces U109-220, effective 8/00)	213.75	256.84
10	C23-58	Shaft Sleeve	202.26	243.04
11	C20-101	Gasket, Sleeve	5.20	6.25
12	C105-224DF	Impeller (Silicon Brass) (Models: CCHH-137S, CCHH3-137S, CCH2H-137S, CCH2H3-137, CCH2H3-137S, CHH-137, CHH3-137, CH2H3-137)	1181.42	1419.59
13	C20-100	Gasket, Impeller	5.20	6.25
14	C43-45SS	Washer, Impeller	10.01	12.03
15	C43-46	Washer, Stat-O-Seal	8.91	10.71

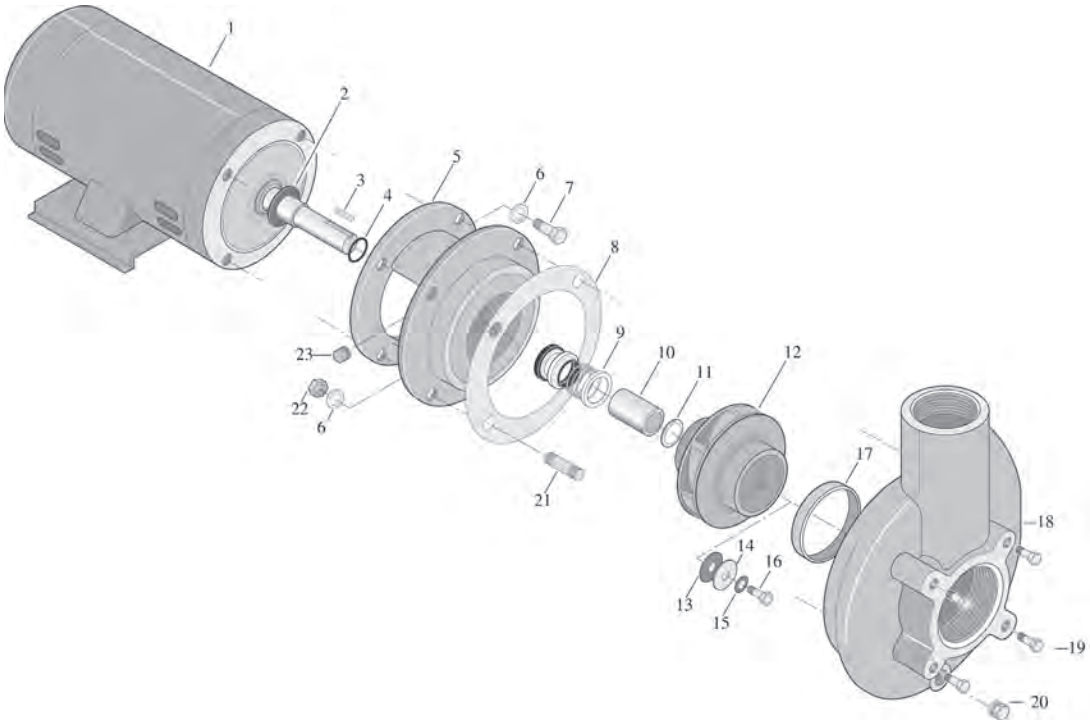
Item	Part No.	Description	US List	Can. List
16	U30-72SS	Screw, Impeller 3/8-16 x 3/4 in.	6.80	8.17
17	C23-40	Wear Ring Only	CALL	CALL
18	C101-167D	Volute Assemby (Incl. 17 Only) (Models CMH-136, CMH3-136, CM2H-136, CM2H3-136, CHH-137, CHH3-137, CH2H3-137)	CALL	CALL
20	U78-941ZPV	Pipe Plug, 1/4 in. NPT, Hex Head	2.59	3.11
21	U30-22SS	Stud, 3/8-16 x 1/16 in.	CALL	CALL
22	U36-38ZP	Nut, Hex 3/8 x 16 - (Models CCMH-136, CCM2H-136, CCM2H-136S, CCMH3-136S, CCM2H3-136, CCM2H3--136S, CCHH 137S, CCHH3-137S, CCH2H-137S, CCH2H3-137, CCH2H3-137S)	CALL	CALL
23	U78-57SSS	Pipe Plug, 1/4 in. NPT	CALL	CALL

Note: Model numbers with a “3” in them indicate a 3-Phase motor. Model numbers with a “2” in them indicate a 200V motor.

Note: C Series with different hydraulic numbers (CCMH-93) are older models that use different parts. Consult factory for older models.

C/CC SERIES™ CENTRIFUGAL PUMP

5 HP MODEL REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
CENTRIFUGAL PUMP - C/CC SERIES 5 HP				
1	C218-180	Motor 230V/60H/1 Ph.	CALL	CALL
1	C218-182	Motor 230/460V/60H/3 Ph.	CALL	CALL
1	C218-181	Motor 200V/60H/3 Ph.	CALL	CALL
3	U65-42A	Key, Impeller	20.09	24.14
4	U9-265	O-Ring	4.07	4.89
5	C2-81	Adapter (Models: CCHJ-138, CCHJ138S, CCHJ3-138S, CCH2J3-138S)	372.88	448.05
5	C2-81D	Adapter (Models: CHJ-138, CH2J3-138, CH2J3-138)	1357.75	1631.47
6	U43-12ZP	Lockwasher, 3/8 in.	CALL	CALL
7	U30-73ZP	Capscrew, 3/8-16 x 7/8 in.	CALL	CALL
8	C20-77	Gasket	CALL	CALL
9	U109-433SS	Shaft Seal	213.75	256.84
10	C23-58	Shaft Sleeve	202.26	243.04
11	C20-101	Gasket, Sleeve	5.20	6.25
12	C105-224DE	Impeller (Silicon Brass)	1210.01	1453.95
13	C20-100	Gasket, Impeller	5.20	6.25
14	C43-45SS	Washer, Impeller	10.01	12.03
15	C43-46	Washer, Stat-O-Seal	8.91	10.71
16	U30-72SS	Screw, Impeller 3/8-16 x 3/4 in.	6.80	8.17

Item	Part No.	Description	US List	Can. List
17	C23-40	Wear Ring Only	CALL	CALL
18	C101-167D	Volute Assemby (Incl. 17 Only) (Models: CHJ-138, CH2J3-138, CH2J3-138)	CALL	CALL
20	U78-941ZPV	Pipe Plug, 1/4 in. NPT, Hex Head	2.59	3.11
21	U30-22SS	Stud, 3/8 - 16 x 1-1/4 in.	CALL	CALL
22	U36-38ZP	Nut, Hex 3/8 x 16 in. (Models: CCHJ-138, CCHJ138S, CCHJ3-138S, CCH2J3-138S)	CALL	CALL
23	U78-57SSS	Pipe Plug, 1/4 in. NPT	CALL	CALL

Note: Model numbers with a “3” in them indicate a 3-Phase motor. Model numbers with a “2” in them indicate a 200V motor.

Note: C Series with different hydraulic numbers (CCMH-93) are older models that use different parts. Consult factory for older models.

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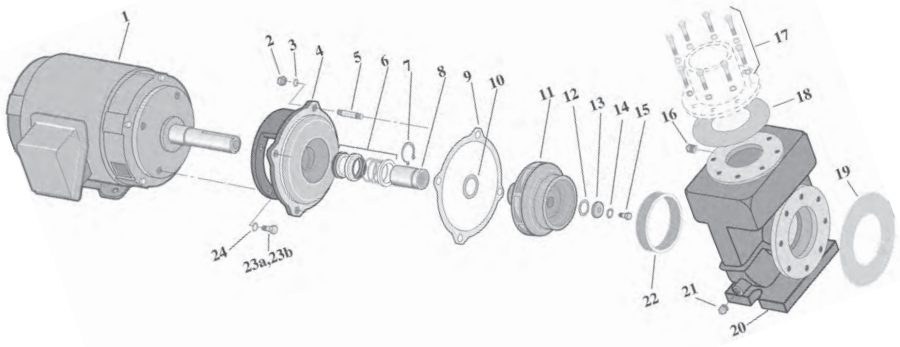
CSPH/CCSPH SERIES™ PUMP

REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
230 VOLT/1 PHASE OR 230/460 VOLT/3 PHASE				
1	S22351	Motor 230V/1 Ph. - 7-1/2 HP (Models: CSPHK-1421, CCSPHK-1421, CSPHK3-1422, CCSPHK3-1422)	CALL	CALL
1	62500-0101	Motor 230V/1 Ph. - 10 HP (Models: CSPHL-143, CCSPHL-143M, CSPHL3-1431, CCSPHL3-1431)	CALL	CALL
1	S22353	Motor 230V/3 Ph.- 7-1/2 HP (Models: CSPHK-1421, CCSPHK-1421, CSPHK3-1422, CCSPHK3-1422)	CALL	CALL
1	S22356	Motor 230V/3 Ph. - 10 HP (Models: CSPHL-143, CCSPHL-143M, CSPHL3-1431, CCSPHL3-1431)	CALL	CALL
1	S22357	Motor 230V/3 Ph. - 15 HP (Models: CSPHM3-1441, CCSPHM3-1441)	CALL	CALL
1	S28574	Motor 230V/3 Ph. - 20 HP (Models: CSPHN3-1451, CCSPHN3-1451)	CALL	CALL
1	16830-0320	Motor 230V/3 Ph. 7-1/2 HP (Models: CSPH2K3-142, CSPH2K3-142)	CALL	CALL
1	16831-0320	Motor 200V/3 Ph. - 10 HP (Models: CSPH2L3-143, CCSPH2L3-143)	CALL	CALL
1	16832-0320	Motor 200V/3 Ph. - 15 HP (Models: CSPH2M3-144, CCSPH2M3-144)	CALL	CALL
1	16833-0320	Motor 200V/3 Ph. - 20 HP (Models: CSPH2N3-145, CCSPH2N3-145)	CALL	CALL
2	S23488	Nut, 1/2 in.	7.00	8.41
3	U43-13SS	Lockwasher, 1/2 in.	CALL	CALL
3	U43-12SSZ	Lockwasher, 3/8 in. [2]	4.55	5.47
4	L05329	Bracket - 7-1/2 HP (3 Ph. Models)	486.70	584.82
4	L05328	Bracket - 10 HP (CSPH, CSPH2 Models) - 15 HP (CSPH, CSPH2 Models) - 7-1/2 (CSPH, CSPH2 Models)	501.18	602.22
4	L05779	Bracket - 20 HP (CSPH, CSPH2 Models)	1300.89	1563.15
4	16830-2201	Bracket - 7-1/2 HP (3 Ph. Models)	2130.16	2559.60
4	16830-2203	Bracket - 10 HP (CCSPH, CCSPH2 Models) - 15 HP (CCSPH, CCSPH2 Models) - 7-1/2 HP (CCSPH, CCSPH2 Models)	2288.27	2749.59
5	30747-0152	Stud, 1/2-13 x 1-1/2 in.	46.99	56.46
6	S32014	Mechanical Shaft Seal	237.79	285.73
6	S32015	Mechanical Shaft Seal - 20 HP	512.68	616.04
7	S11207	Retaining Ring	31.40	37.73
7	S16767	Retaining Ring - 20 HP (Models: CSPHN3-1451, CCSPHN3-1451)	69.83	83.91

Item	Part No.	Description	US List	Can. List
8	37447-0001L	Shaft Sleeve	CALL	CALL
8	37447-0002L	Shaft Sleeve - 20 HP	CALL	CALL
9	S04757	Gasket (Volute to Bracket)	24.44	29.37
10	33455-8044	Gasket (Impeller to Shaft Sleeve)	11.65	14.00
10	33455-8046	Gasket (Impeller to Shaft Sleeve) - 20 HP	11.65	14.00
11	16830-0209	Impeller - 7-1/2 HP	2351.14	2825.13
11	16830-0210	Impeller- 10 HP	2119.85	2547.21
11	16830-0211	Impeller - 15 HP	2422.44	2910.80
11	16830-0212	Impeller - 20 HP	2900.58	3485.34
12	33455-8043	Gasket (Impeller to Washer)	11.65	14.00
12	33455-8045	Gasket (Impeller to Washer) - 20 HP	CALL	CALL
13	38917-0203	Impeller Washer	107.10	128.69
14	C43-46SS	Stat-O-Seal Washer	27.02	32.47
14	C43-46SSA	Stat-O-Seal Washer - 20 HP (Models: CSPHN3-1451, CCSPHN3-1451)	34.38	41.31
15	S23566	Capscrew, 3/8-16 x 1 in. [1]	CALL	CALL
15	S23619	Capscrew, 1/2-13 x 1 in. [2]	11.18	13.43
16	U78-57DT	Pipe Plug 1/4 in. NPT	CALL	CALL
17	16830-0400	Hardware Kit	122.21	146.85
18	33450-8042	Gasket (Volute Discharge)	28.50	34.25
19	33450-8041	Gasket (Volute Suction)	40.05	48.12
20	16830-0100	Volute (CSPH, CSPH2)	5740.60	6897.90
20	16830-2102	Volute (CCSPH) - 7-1/2 HP, 10 HP	10379.93	12472.52
20	16830-2103	Volute (CCSPH) - 15 HP, 20 HP [1]	10509.51	12628.23
20	16830-0100	Volute (CSPH2, CSPH2)	5740.60	6897.90
20	16830-2102	Volute (CCSPH2) - 7-1/2 HP, 10 HP	10379.93	12472.52
21	U78-59D	Drain Plug, 1/2 in. NPT	15.69	18.85
22	16830-0120	Wear Ring	180.83	217.29
23A	S23619	Capscrew, 1/2-13 x 1 in. [1]	11.18	13.43
23B	S23566	Capscrew, 3/8-16 x 1 in. [2]	CALL	CALL
24	U43-13SS	Lockwasher, 1/2 in.	CALL	CALL

[1] 7-1/2 HP; 1 Phase only.

[2] 3 Phase only.

CALIFORNIA PROPOSITION 65 WARNING

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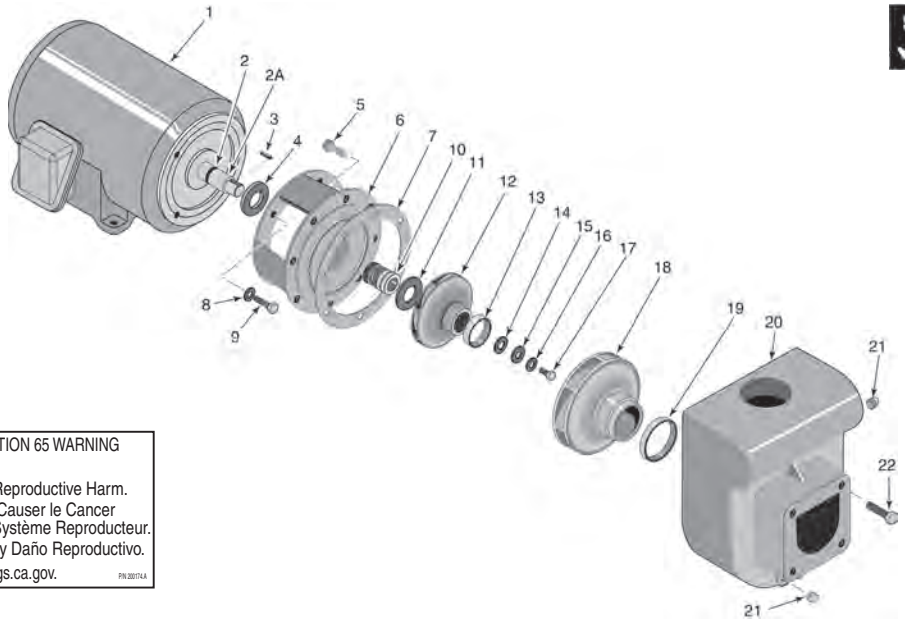
D SERIES™ PUMP
REPLACEMENT PARTS



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Item	Part No.	Description	US List	Can. List
SELF PRIMING CENTRIFUGAL PUMP - D SERIES				
1	C218-177	Motor 230V/60H/1 Ph. DMH Medium Head: 3 HP, High Head: 3 HP	CALL	CALL
1	C218-180	Motor 230V/60H/1 Ph. DMJ Medium Head: 5 HP, High Head: 5 HP	CALL	CALL
1	C218-179	Motor 230/460V/60H/3 Ph. DMH Medium Head: 3 HP, High Head: 3 HP	CALL	CALL
1	C218-182	Motor 230/460V/60H/3 Ph. DMJ Medium Head: 5 HP, High Head: 5 HP	CALL	CALL
1	C218-191	Motor 200V/60H/1 Ph. DMH Medium Head: 3 HP, High Head: 3 HP	CALL	CALL
1	C218-192	Motor 200V/60H/1 Ph. DMJ Medium Head: 5 HP, High Head: 5 HP	CALL	CALL
1	C218-178	Motor 200V/60H/3 Ph. DMH Medium Head: 3 HP, High Head: 3 HP	CALL	CALL
1	C218-181	Motor 200V/60H/3 Ph. DMJ Medium Head: 5 HP, High Head: 5 HP	CALL	CALL
2	U9-265	O-Ring	4.07	4.89
2A	C23-58	Sleeve	202.26	243.04
3	U65-42A	Key, Square 3/16 x 3/16 x 7/8 in.	20.09	24.14
4	N/A		CALL	CALL
5	071681	Screw 3/8 x 16 x 7/8 in. HH	CALL	CALL
6	C2-66	Motor Adapter	483.36	580.81
7	C20-46	Gasket, Adapter	13.38	16.08
8	U43-12ZP	Lockwasher, 3/8 in. [1]	CALL	CALL
9	U30-73ZP	Capscrew, 3/8-16 x 7/8 in.	CALL	CALL
10	U109-433SS	Shaft Seal [3]	213.75	256.84
11	C20-101	Gasket, Seal	5.20	6.25
12	C5-246	Impeller [2] - Medium Head: 3 HP	1271.69	1528.06
12	C5-247	Impeller [2] - Medium Head: 5 HP	1259.78	1513.75
12	C5-249	Impeller [2] - High Head: 5 HP	1181.42	1419.59
13	J23-5	Wear Ring (Only)	47.80	57.44
13	C23-14	Wear Ring (Only) - Medium Head: 5 HP	CALL	CALL
14	C20-100	Gasket	5.20	6.25
15	C43-45SS	Washer, Impeller	10.01	12.03
16	C43-46	Gasket	8.91	10.71
17	U30-72SS	Screw, Impeller 3/8-16 x 3/4 in. [1]	6.80	8.17
18	C101-126	Volute Diffuser w/ Wear Ring Medium Head: 3 HP	CALL	CALL
18	C101-126B	Volute Diffuser w/ Wear Ring Medium Head: 5 HP	CALL	CALL
19	C21-2	Diffuser Ring	9.24	11.10
20	C76-12	Pump Body Medium Head: 3 HP, High Head: 5 HP	1288.39	1548.13
20	C76-12C	Pump Body - Medium Head: 5 HP	1391.29	1671.77
20	C76-12B	Pump Body - High Head: 3 HP	1280.22	1538.31
21	U78-941ZPV	Pipe Plug, 1/4 in. NPT [1]	2.59	3.11
22	U30-60ZP	Capscrew 5/16-18 x 3/4 in.	CALL	CALL
NOT SHOWN				
	U212-68T	Draincock, 1/4 in. NPT *	19.39	23.30

[1] Purchase locally.

[2] Change effective 6/97.

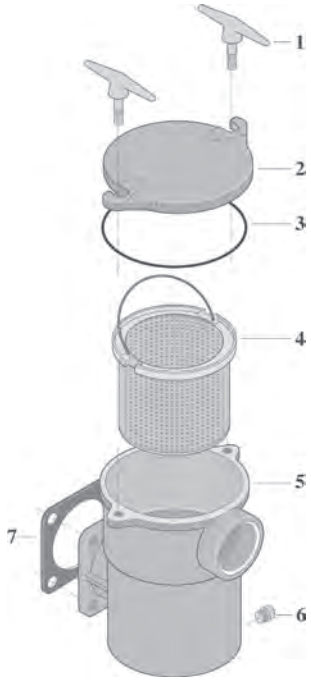
[3] Replaces U109-220 (effective 8/00).

Note: D Series with different numbers (i.e. DMH-64) use different parts. Consult factory for older models.

CAST IRON SUCTION TRAP ASSEMBLY

REPLACEMENT PARTS

PACKAGE
No. 51
No. 98
No. 74



Item	Part No.	Description	US List	Can. List
PKG. 51 6-IN. TRAP REPLACEMENT PARTS				
1	C154-18D	Handle Assembly [1]	55.71	66.94
2	C3-30	Cover	127.39	153.07
3	C108-11P	Strainer Basket	52.89	63.55
4	C53-5B	Trap Body	418.54	502.92
5	U78-57DT	Pipe Plug, 1/4 in. NPT	CALL	CALL
6	C20-19	Gasket	4.70	5.65
PKG. 98 8-IN. TRAP REPLACEMENT PARTS				
3	U9-171	Cord Ring	26.47	31.81
4	16401-0030	Strainer Basket	661.82	795.24
5	C53-21	Trap Body	1194.01	1434.72
6	U78-57DT	Pipe Plug, 1/4 in. NPT	CALL	CALL
7	C20-19	Gasket	4.70	5.65
PKG. 74 11-IN. TRAP REPLACEMENT PARTS				
1	C154-18D	Handle Assembly [1]	55.71	66.94
2	C3-76	Cover	CALL	CALL
3	U9-105	Cord Ring	CALL	CALL
4	C108-25SS	Strainer Basket	CALL	CALL
5	–	Trap Body		
6	U78-57DT	Pipe Plug, 1/4 in. NPT	CALL	CALL
7	C20-19	Gasket	4.70	5.65

[1] 6 in. - Pkg. 51 has 2 each; 8 in. - Pkg. 98 has 4 each; 11 in. - Pkg. 74 has 4 each.

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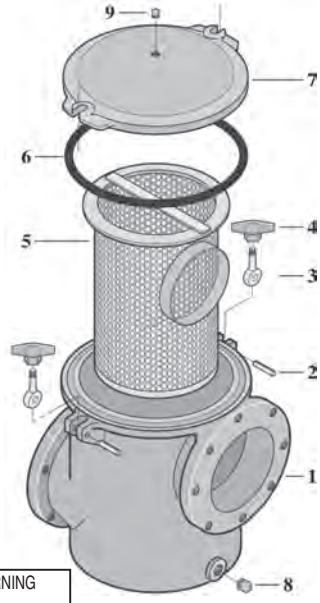
PACKAGE
No. 184
No. 184C
No. 184E
No. 184CE



Item	Part No.	Description	US List	Can. List
STANDARD FLANGE REPLACEMENT PARTS				
1	16401-0010	Strainer Body (Pkg. 184, 184E)	5475.64	6579.53
1	16401-2015	Strainer Body (Pkg. 184C, 184CE) [1]	CALL	CALL
2	35857-0031	Spring Pin	28.50	34.25
3	30767-0011	Toggle Bolt	470.71	565.61
4	35404-0319	Wing Nut	118.87	142.83
5	16401-0102	Strainer Basket	2163.33	2599.46
6	3642220457	O-Ring	147.69	177.46
7	16401-0210	Strainer Cover (Pkg. 184, 184E)	1174.44	1411.21
7	16401-2215	Strainer Cover (Pkg. 184C, 184CE) [1]	2535.90	3047.14
8	U78-59D	Pipe Plug, 1/2 in. Square Head Brass	15.69	18.85
NOT SHOWN				
	33450-8041	Gasket, 6 in. Pipe Flange	40.05	48.12
	16830-0401	Hardware Kit (includes 16 each 3/4 in. lockwashers, 3/4-10 x 2 in. Capscrews)	356.42	428.27
	61002-0012	Tag, Hazardous Suction	CALL	CALL

[1] Epoxy coated.

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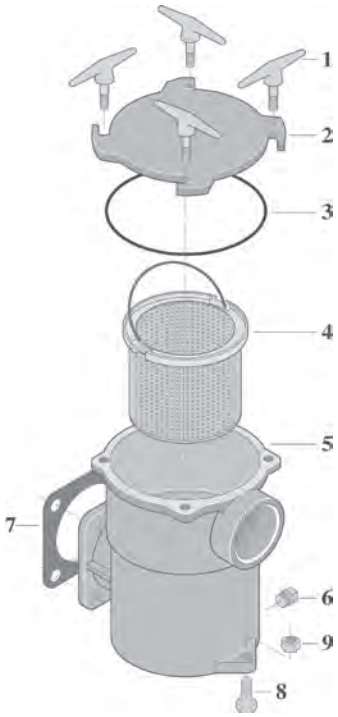
BRONZE SUCTION TRAP ASSEMBLY

REPLACEMENT PARTS

PACKAGE
No. 56
No. 99



Item	Part No.	Description	US List	Can. List
		BRONZE TRAP REPLACEMENT PARTS		
2	C3-78D	Cover (Pkg. 56)	358.13	430.33
2	C3-105D	Cover (Pkg. 99)	991.01	1190.80
3	U9-171	O-Ring (Pkg. 99)	26.47	31.81
4	C108-11P	Strainer Basket (Pkg. 56)	52.89	63.55
4	16401-0030	Strainer Basket (Pkg. 99)	661.82	795.24
5	C53-5D	Suction Trap Body (Pkg. 56)	CALL	CALL
5	C53-21D	Suction Trap Body (Pkg. 99)	CALL	CALL
6	U78-57DT	Pipe Plug, 1/4 in. NPT	CALL	CALL
7	C20-19	Gasket, Flange	4.70	5.65
8	U30-77SS	Capscrew, 3/8-16 x 1-3/4 in.	8.76	10.53
9	U36-38ZP	Nut, Hex 3/8-16	CALL	CALL

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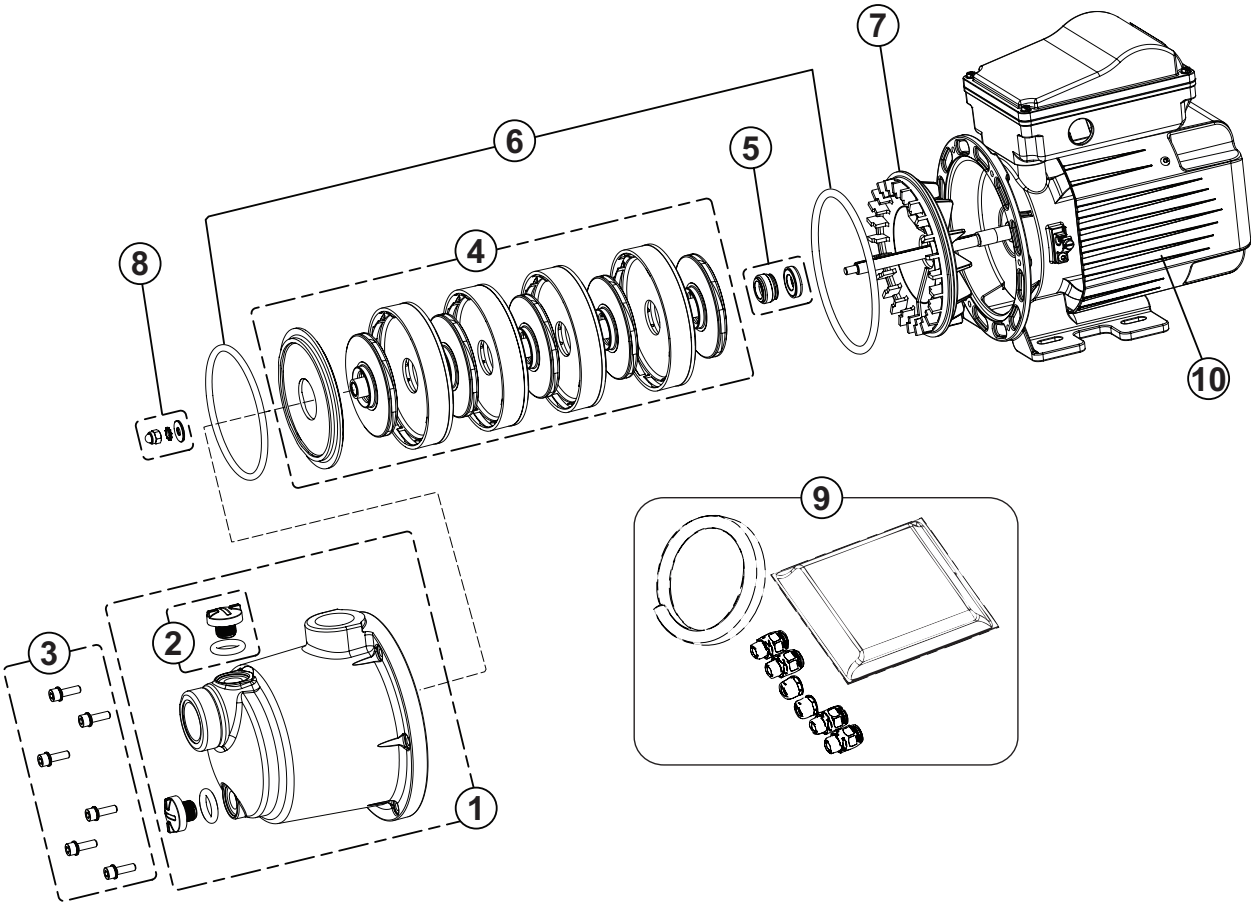
P/N 330174-A

HYDROBOOST™ BOOSTER PUMP

REPLACEMENT PARTS



Item	Part No.	Qty.	Description	US List	Can. List
			BOOSTER PUMP		
1	ZBR39320	1	PUMP BODY W/ DRAIN PLUGS	96.20	115.59
2	ZBR12160	1	DRAIN PLUGS W/ O-RING KIT*	32.45	38.99
3	ZBR12170	1	BODY PUMP FASTENERS KIT	27.54	33.09
4	ZBR39330	1	HYDRAULIC KIT	205.65	247.11
5	ZBR43920	1	MECHANICAL SEAL KIT	47.15	56.66
6	ZBR12200	1	O-RING KIT	31.12	37.39
7	ZBR12210	1	SEAL PLATE KIT	48.38	58.13
8	ZBR12270	1	END SHAFT FASTENERS KIT	30.30	36.41
9	353020	1	HOSE ADAPTER KIT**	77.58	93.22
10	360519Z	1	MOTOR	963.15	1157.32
—	357843	1	FAN SHROUD	CALL	CALL

*INCLUDES (2) DRAIN PLUGS AND (2) O-RINGS; HOUSING NOT INCLUDED.

**INCLUDES (2) REDUCER BUSHINGS, (4) ADAPTERS AND 6 FT. (1.8 M) HOSE.

CALIFORNIA PROPOSITION 65 WARNING

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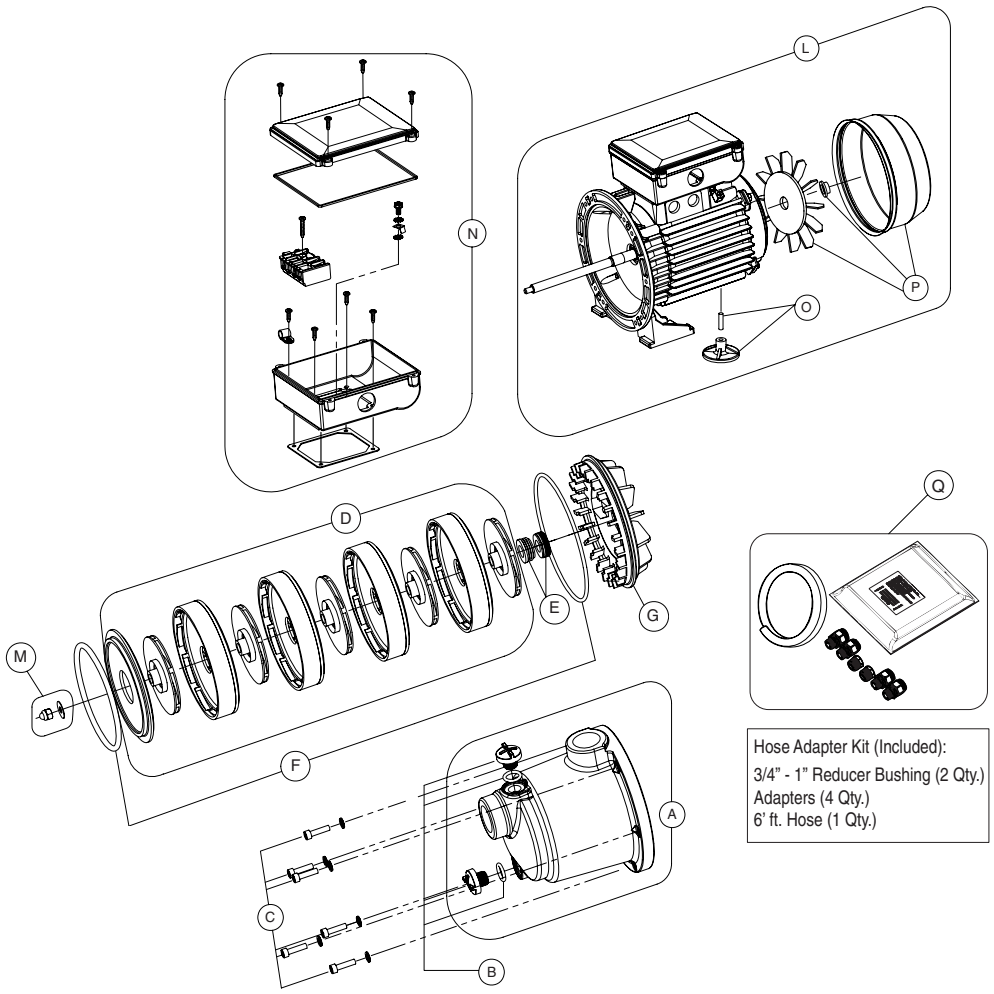
⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov. P/N 207174 A

BOOST-RITE® BOOSTER PUMP

REPLACEMENT PARTS



Hose Adapter Kit (Included):
3/4" - 1" Reducer Bushing (2 Qty.)
Adapters (4 Qty.)
6' ft. Hose (1 Qty.)

Item	Part No.	Qty.	Description	US List	Can. List
			BOOSTER PUMP		
A	ZBR39320	1	Pump Body Kit w/Drain Plugs	96.20	115.59
B	ZBR12160	2	Drain Plugs with O-Ring Kit - includes (2) drain plugs and (2) O-Rings	32.45	38.99
C	ZBR12170	1	Body Pump Fasteners Kit	27.54	33.09
D	ZBR39330	1	Hydraulic Kit	205.65	247.11
E	ZBR43920	1	Mechanical Seal Kit	47.15	56.66
F	ZBR12200	1	O-Ring Kit	31.12	37.39
L	ZBR39360	1	Complete Motor Assembly	CALL	CALL
N	ZBR39350	1	Capacitor Box Complete Kit	CALL	CALL
O	ZBR26910	1	Base Kit	CALL	CALL
Q	353040	1	Hose Kit	102.60	123.28

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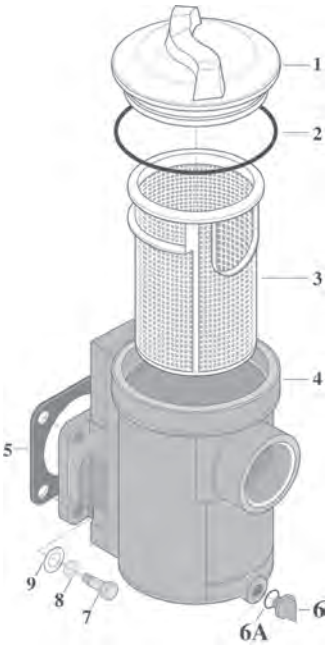
PLASTIC SUCTION TRAP ASSEMBLY

PACKAGE NO 161 - 6 IN. REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
PKG. 181 6-IN. TRAP REPLACEMENT PARTS				
1	16920-0011Z	Lid	110.79	133.13
2	16920-0012	O-Ring	32.52	39.08
3	16920-0017Z	Strainer Basket	46.99	56.46
4	C20-123Z	Gasket	14.37	17.27
5	U178-920PZ	Drain Plug, 1/4 in. NPT	8.07	9.70
5A	U9-359Z	O-Ring	2.89	3.47
6	U30-64SS	Capscrew, 5/16-18 x 1-1/4 in.	6.27	7.53
7	U43-11SS	Lockwasher, 5/16 in.	3.59	4.31
8	U43-41SSZ	Washer, 5/16 in. Flat	4.07	4.89
NOT SHOWN				
	U9-285	Adapter O-Ring	7.00	8.41



CALIFORNIA PROPOSITION 65 WARNING

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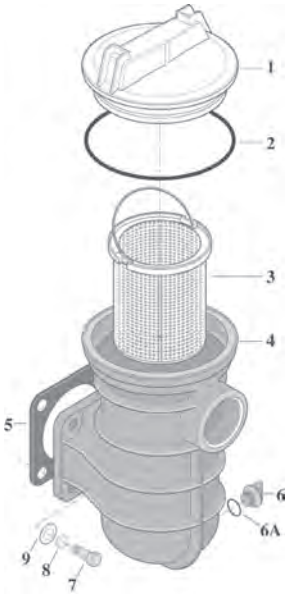
www.p65warnings.ca.gov. P/N 201714.A

PACKAGE NO 115 - 5 IN. REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
PKG. 115 5-IN. TRAP REPLACEMENT PARTS				
1	C3-139P1Z	Cover	92.61	111.28
2	U9-229Z	O-Ring, Cover	21.54	25.88
3	C108-33PZ	Strainer Basket *	20.43	24.55
4	C153-53P1	Trap Body	172.68	207.49
5	C20-123Z	Gasket	14.37	17.27
6	U178-920PZ	Pipe Plug, 1/4 in. NPT	8.07	9.70
6A	U9-359Z	O-Ring	2.89	3.47
7	U30-64SS	Capscrew, 5/16 - 18 x 1-1/4 in.	6.27	7.53
8	U43-11SS	Lockwasher	3.59	4.31
9	U43-41SSZ	Washer, Flat	4.07	4.89
NOT SHOWN				
	PKG 115	Complete Suction Trap Assembly	230.30	276.73



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www.p65warnings.ca.gov. P/N 201714.A

PENTAIR POOL

SANITIZER‡ & WATER QUALITY PARTS

Product Catalog 2025–2026

Updated September 2025

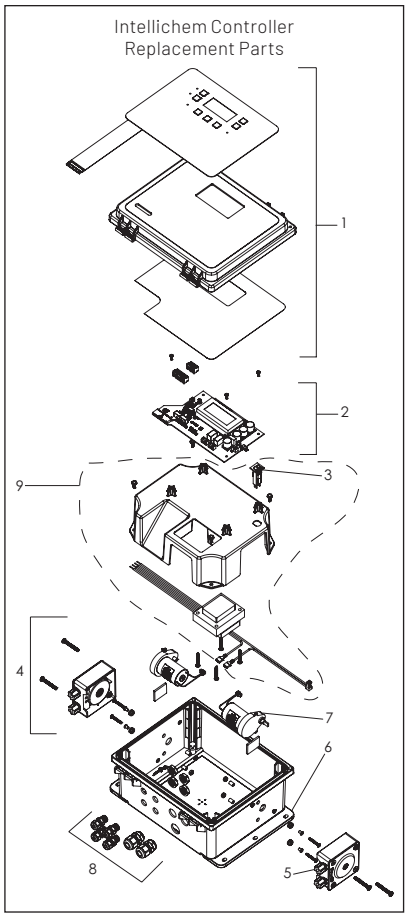
‡"Sanitizer" is an industry term of art and is not intended to imply any antimicrobial capabilities.

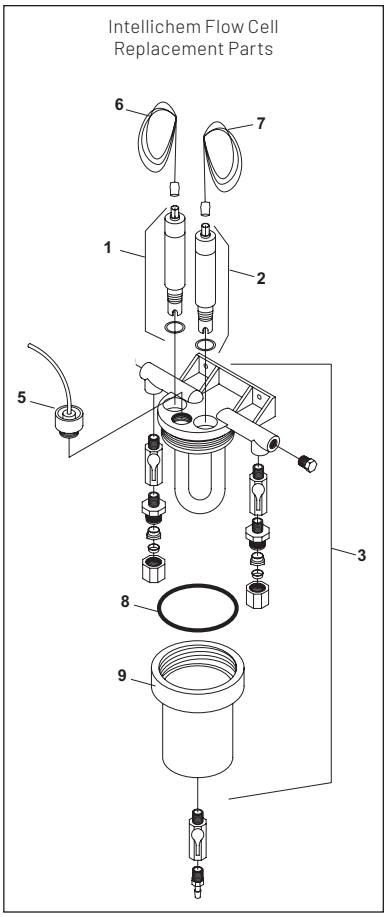
INTELLICHEM® CHEMICAL CONTROLLER

REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
		INTELLICHEM CONTROLLER REPLACEMENT PARTS		
1	521465Z	Top Half (Lid with overlay and wiring diagram)	510.05	612.88
2	521319Z	Controller PCBA	1102.16	1324.36
3	8520031Z	Circuit Breaker	71.95	86.46
9	521335Z	Transformer with Mounting Plate	355.48	427.14
		INTELLICHEM FLOW CELL REPLACEMENT PARTS		
1	522186	pH Sensor (1-year warranty)	235.77	283.30
2	522187	ORP Sensor (1-year warranty)	332.02	398.96
3	754000310	Flow Cell with Flow Switch	CALL	CALL
	521342Z	Parts Bag	437.51	525.71
5	754000440	Flow Switch with Magnet	CALL	CALL
	754000410	Magnet for Flow Switch	27.49	33.03
6	744000280	Cable for pH Sensor, 10 ft	CALL	CALL
7	744000350	Cable for ORP Sensor 10 ft	CALL	CALL
8	754000350	O-Ring for Flow Jar	CALL	CALL
9	754000340	Jar for Flow Cell	CALL	CALL

Item	Part No.	Description	US List	Can. List
		OPTIONAL ACCESSORIES		
	521814	3/8” Black Tubing, 20 Ft.	CALL	CALL
	744000280	Cable, pH Sensor, 10 Ft.	CALL	CALL
	744000350	Cable, ORP Sensor, 10 Ft.	CALL	CALL
	522010Z	Inline Filter	35.85	43.08
	606000100Z	Fitting 3/8” Tube x 1/4” NPT	7.36	8.84
	620000130Z	Nipple 1/4” NPT	3.17	3.81
	622000080Z	Ball Valve 1/4” NPT	41.38	49.72
	R172032Z	Fitting 3/8” Tube to Bypass Clamp	9.41	11.31
	R172033Z	Rubber Gasket for Bypass Clamp	4.04	4.85
	R172036Z	O-Ring Lubricant	15.53	18.66





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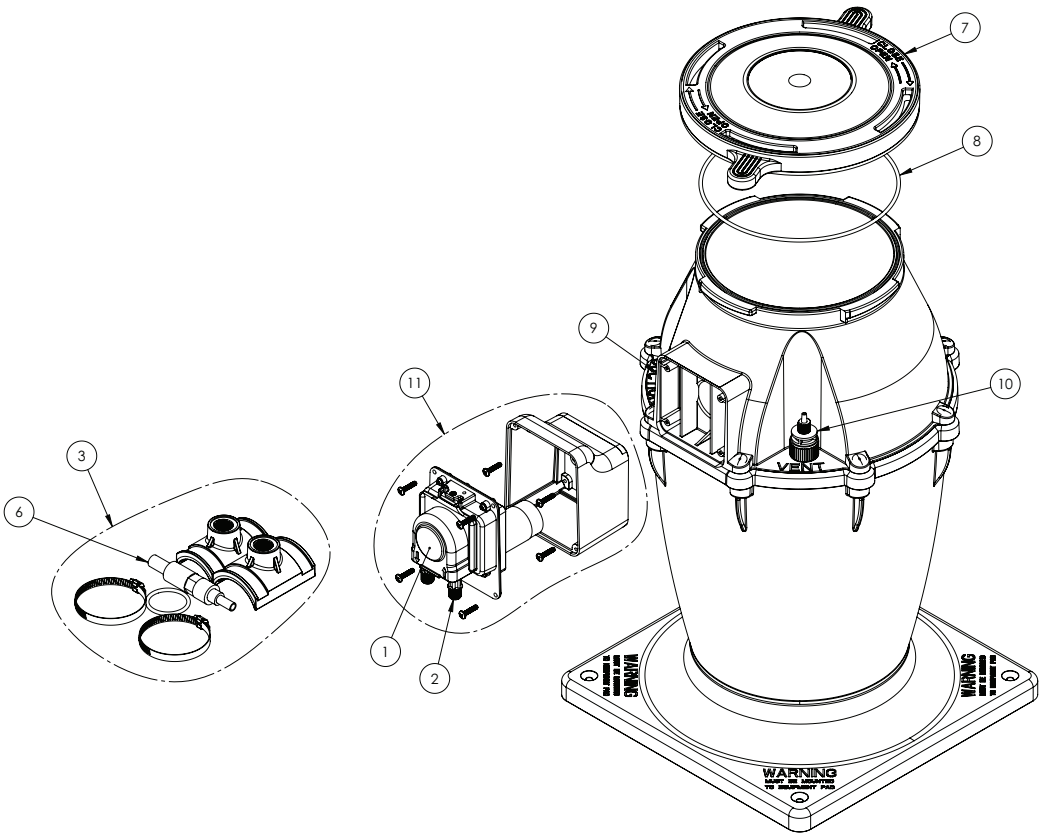
INTELLICHEM® CHEMICAL TANK REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
INTELLICHEM REPLACEMENT CHEMICAL CONTAINER				
	522472	Acid Tank with Tank Mounted Pump for IntelliChem	CALL	CALL
	522473	Chlorine Tank with Tank Mounted Pump for IntelliChem	CALL	CALL
	521378	Acid Container for IntelliChem (Requires Separate Pump)	CALL	CALL
	521397	Chlorine Container for IntelliChem (Requires Seperate Pump)	CALL	CALL
INTELLICHEM CHEMICAL CONTAINER REPLACEMENT PARTS				
	522446	1/4" Black Tubing for Chemical Injection with Labels, 100 Ft.	CALL	CALL
1	522386	Repair Kit for Tank Mounted Pump	183.73	220.77
2*	522480	Pump Tubes for Tank Mounted Pump, 2 Pk.	89.54	107.59

*Pentair recommends replacing peristaltic pump tubes every 6 months

Item	Part No.	Description	US List	Can. List
INTELLICHEM CHEMICAL CONTAINER REPLACEMENT PARTS CONT'D.				
3	521895	Kit IPH RPLC ACC Bag (Includes ball, spring, saddle clamp parts)	CALL	CALL
6	522513Z	Injection Check Valve	51.79	62.23
7	521505	Lid for Acid Container	106.72	128.23
7	521506	Lid for Chlorine Container	106.72	128.23
8	521507	O-Ring for Container Lid, 5-Pk.	127.05	152.66
9	521508	Suction Fitting, Black	50.78	61.02
10	521509	Vent Fitting, Grey	55.85	67.11
11	522478Z	Upgrade Kit for IntelliChem Motor Driver Tank Pump PCBA	87.46	105.09
	522474	Upgrade Kit for IntelliChem Tank Pump	455.54	547.38

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COMMERCIAL INTELLICHEM® CHEMICAL CONTROLLER

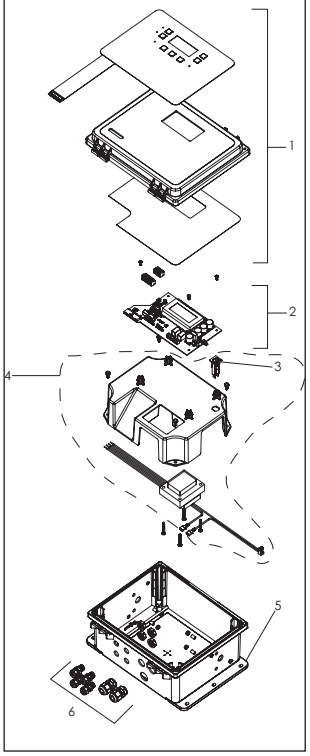
REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
		INTELLICHEM CONTROLLER REPLACEMENT PARTS		
2	523004Z	Controller Circuit Board	931.16	1118.88
2	523533Z	LCD Display	87.84	105.55
3	8520031Z	Circuit Breaker	71.95	86.46
	523228	Protocol Adapter	CALL	CALL
6	521335Z	Transformer with Mounting Plate	355.48	427.14
		INTELLICHEM FLOW CELL REPLACEMENT PARTS		
1	522186	pH Sensor (1-year warranty)	235.77	283.30
2	522187	ORP Sensor (1-year warranty)	332.02	398.96
3	754000310	Flow Cell with Flow Switch	CALL	CALL
4	521342Z	Parts Bag	437.51	525.71
5	754000440	Flow Switch with Magnet	CALL	CALL
	522624	External Flow Switch Kit, 10ft.	CALL	CALL
6	744000280	Cable for pH Sensor, 10ft	CALL	CALL
7	744000350	Cable for ORP Sensor, 10ft	CALL	CALL
8	754000350	O-Ring for Flow Jar	CALL	CALL
9	754000340	Jar for Flow Cell	CALL	CALL
		CONTROLLER KIT PARTS BAG CONTENTS		
1	522010Z	Inline Filter	35.85	43.08
5	622000080Z	Ball Valve 1/4" NPT	41.38	49.72
8	R172036Z	O-Ring Lubricant	15.53	18.66

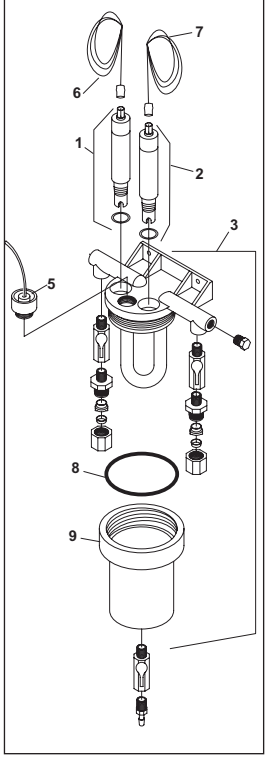
Item	Part No.	Description	US List	Can. List
		OPTIONAL ACCESSORIES		
	523492Z	Stenner 50 GPD External Pump	CALL	CALL
	523494*	Stenner Pump Tube - 5 Pack	193.29	232.26
	522446	100 ft - 1/4 in Black Tubing for Chemical Injection with Labels	CALL	CALL
	714000070	CO2 Kit with Diffuser, Solenoid, Regulator	1717.38	2063.60
	521622	IntelliChem Winterizing Kit	CALL	CALL
		INTELLICHEM TITLE-22 REPLACEMENT PARTS		
	523537Z	Upgrade Kit	316.25	380.01
	523470Z	Daughter Circuit Board	339.76	408.26
	523525Z	Controller Circuit Board	1271.66	1528.03

*Pentair recommends replacing peristaltic pump tubes every 6 months

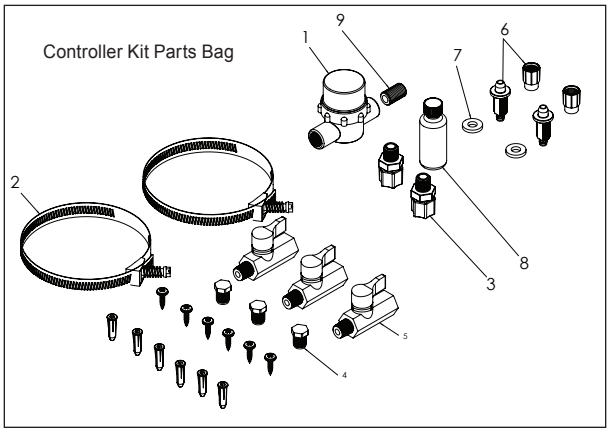
Controller Parts



Controller Flow Cell Parts



Controller Kit Parts Bag



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P/N 200114.A

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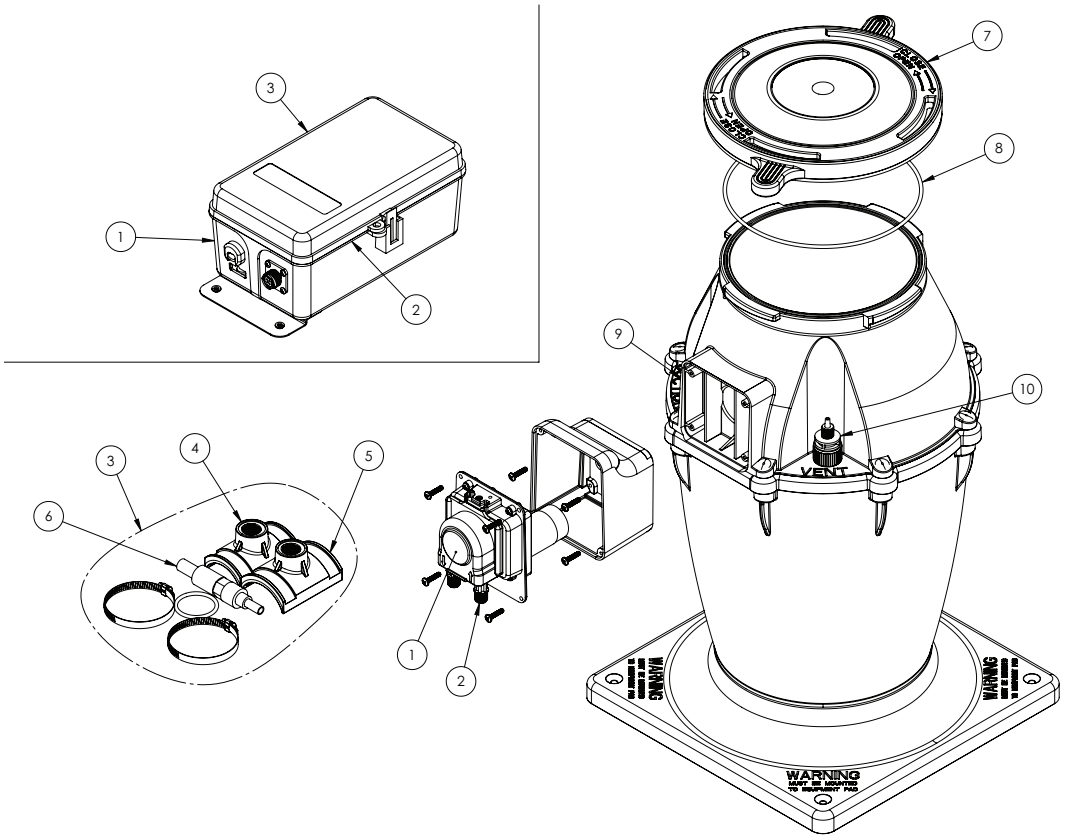
INTELLIPH® CONTROLLER REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
INTELLIPH CONTROLLER REPLACEMENT PARTS				
1	522711	IntellipH Controller Unit	625.73	751.88
2	521513	Faceplate and PCBA	655.74	787.94
3	521516	Door for Controller	71.11	85.45
REPLACEMENT CHEMICAL CONTAINER				
	522712	IntellipH Container	985.86	1184.61
CHEMICAL CONTAINER REPLACEMENT PARTS				
	522446	1/4" Black Tubing for Chemical Injection with Labels, 100 Ft.	CALL	CALL
1	522386	Repair Kit for Tank Mounted Pump	183.73	220.77
2	522480	Pump Tubes for Tank Mounted Pump, 2 Pk.	89.54	107.59

Item	Part No.	Description	US List	Can. List
CHEMICAL CONTAINER REPLACEMENT PARTS CONT'D.				
3	521895	Kit IPH RPLC ACC Bag (Includes ball, spring, saddle clamp parts)	CALL	CALL
6	522513Z	Injection Check Valve	51.79	62.23
7	521505	Lid for Acid Container	106.72	128.23
8	521507	O-Ring for Container Lid, 5-Pk.	127.05	152.66
9	521508	Suction Fitting, Black	50.78	61.02
10	521509	Vent Fitting, Grey	55.85	67.11

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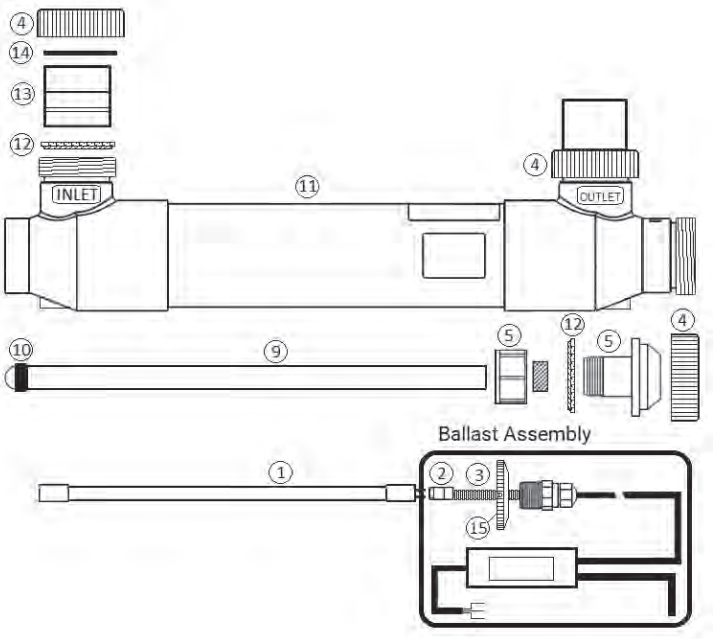
BIOSHIELD® UV SYSTEM
REPLACEMENT PARTS

Item	Part No.	Description	US List	CAN. List
1	523035	50 Watt UV Lamp for Model #522635	262.76	315.73
1	523036	80 Watt UV Lamp for Model #522636	284.02	341.28
1	523037	120 Watt UV Lamp for Model #522637	326.66	392.51
1	523038	150 Watt UV Lamp for Model #522638 and #522945	298.30	358.44
2	523034	4-Pin Lamp Connector	7.19	8.64
3	523423	Lamp Spacer	44.64	53.64
4	411000	Black Retaining Nut	30.81	37.02
9	523039	Quartz Sleeve 22.25" for Model #522635	124.25	149.30
9	523040	Quartz Sleeve 38.25" for Model #522636	142.03	170.66
9	523041	Quartz Sleeve 50.75" for Model #522637	213.33	256.34
9	523042	Quartz Sleeve 65.00" for Model #522638 and #522945	177.53	213.32
10	523403	Quartz Sleeve Dampner Band	22.31	26.81
11	523110	50 Watt UV Housing	1193.16	1433.70
11	523111	80 Watt UV Housing	1246.86	1498.23
11	523112	120 Watt UV Housing	1291.97	1552.43
11	523113	150 Watt UV Housing	1770.55	2127.49
		KITS		
	523460	Ballast Assembly Only with Flow Switch Input Model #522635 - 522637	656.14	788.42
	523462	Ballast Assembly Only with Flow Switch Input Model #522638/522945	656.14	788.42
	523461	Ballast Assembly with Flow Switch and Tee Model #522635 - 522637	874.89	1051.27
	523463	Ballast Assembly with Flow Switch and Tee Model #522638/522945	874.89	1051.27
	523458	Flow Switch only (with connector)	196.84	236.52
	523459	Reducer Tee 2.5" x 1"	24.07	28.92
	523382	Quartz Sleeve Module - All Models (Includes Item # 5, 8)	315.81	379.48
	410020	Union Assembly for Models # 522935-522638 (3"/2.5" - Includes Item # 12, 13, 14, 4)	229.20	275.41
	523148	Union Assembly for Models # 522638-522945 (3") *	525.67	631.65
	523098	Clamp Kit (Includes a set of 2)	205.58	247.02
	523383	Seal Kit - All Models (Includes Item # 8, 12)	94.75	113.85
	410016Z	Seal Kit Union (Includes 2 of Item #12)	18.93	22.75

*For products manufactured after 2018 to be compatible with XF pump models



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www.p65warnings.ca.gov. P/N 203714.A

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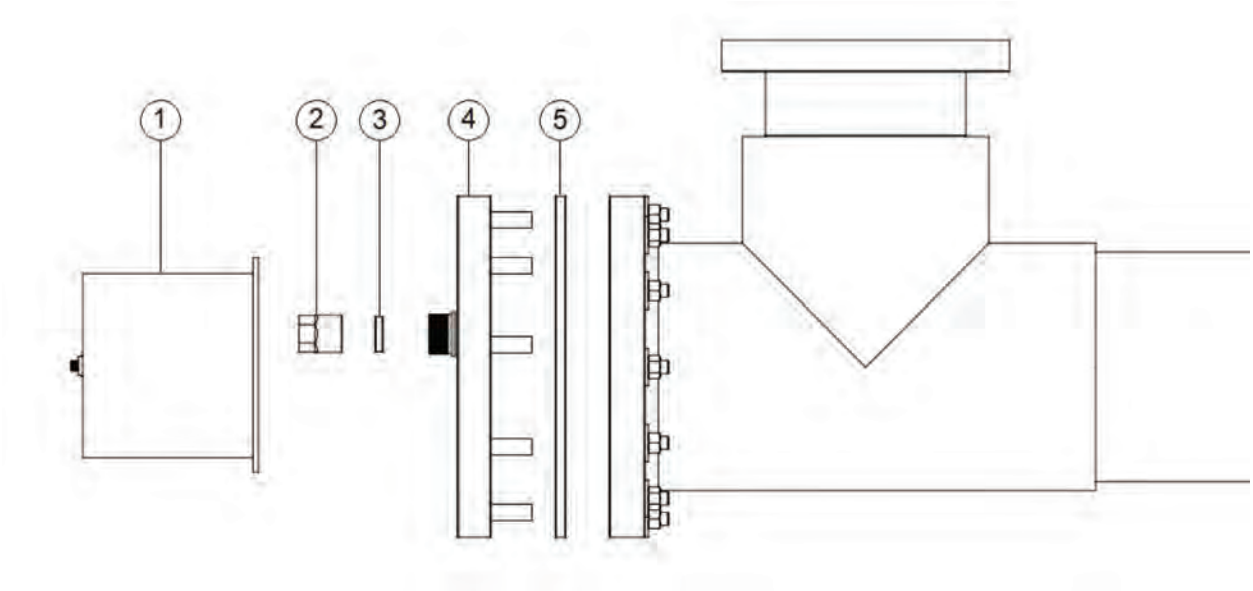
BIOSHIELD® PRO UV SYSTEM
REPLACEMENT PARTS



Item	System Part Number						Description	US List	CAN. List
	523575	523576	523577	523578	523579	523580			
1	523613	523613	523614	523614	523614	523614	NSF SAFETY CAP	CALL	CALL
2	QSRA-HDPE						QUARTZ SLEEVE RETAINING NUT	CALL	CALL
3	EP50-318Z						QUARTZ O-RING	CALL	CALL
4	CLPHO-2-6BF	CLPHO-4-6BF	CLPHO-4-8BF	CLPHO-5-8BF	CLPHO-5-10BF	CLPHO-6-10BF	FACEPLATE	CALL	CALL
5	17-060	17-060	17-080	17-080	17-100	17-100	FACEPLATE GASKET	CALL	CALL
—	523037						UV LAMP	CALL	CALL
—	523041						QUARTZ SLEEVE	CALL	CALL
—	28/HDPE-TOOL-ASSM						RETAINING NUT TOOL	CALL	CALL
—	523591						BALLAST	CALL	CALL
—	523594						FLOW SWITCH	CALL	CALL
—	523581						INTERCONNECT BOX	CALL	CALL

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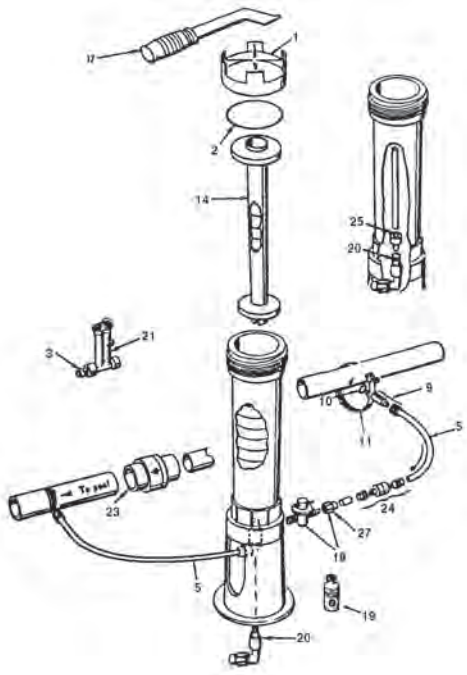
AUTOMATIC FEEDER - MODEL 300, 302, 300-19, 300-29

REPLACEMENT PARTS



Item	Qty.	Part No.	Description	US List	Can. List
Order No.:		R171016		R171026	
Model No.:		300		302	
Description:		AUTOMATIC FEEDER		SPA HOT TUB FEEDER	
1	1	R172008W	3 in. threaded cap, white	28.57	34.33
2	1	R172009Z	O-ring, cap	11.09	13.33
3	Opt.	R172020	Check valve Old Style	7.54	9.06
5	1	R172023Z	3/8 in. o.d. x 1/4 in. i.d. tubing, 8 ft.	15.15	18.20
9	2	R172032Z	Tube fitting with compression nut	9.41	11.31
10	2	R172033Z	Gasket	4.04	4.85
11	2	R172034Z	Saddle clamp	9.41	11.31
14	1	R172037	Spa chamber #302 only	26.24	31.53
17	Opt.	R172052	Cap wrench	47.98	57.65
18	1	R172060Z	Control valve 1/4 in. NPT x tube with compression nut	39.06	46.93
19	1	R172036Z	Silicone lubricant, 3/4 oz.	15.53	18.66
20	1	R172061Z	Combination check valve / elbow	9.66	11.61
21	Opt.	R172080Z	Flow indicator w/check valve	50.73	60.96
23	Opt.	R172288	1-1/2 in.–2 in. Corrosion resistant check valve	170.00	204.27
24	Opt.	R172323	1/4 in. Corrosion resistant check valve	29.48	35.42
25		R172061ZB	Standpipe adapter, Bromine	CALL	CALL
27	1	R18706Z	Compression nut only	4.70	5.65
Order No.: R172064					
Parts bag for 300, 302, 300-19 & 300-29					
9	2	R172032Z	Tube fitting with compression nut	9.41	11.31
10	2	R172033Z	Gasket	4.04	4.85
11	2	R172034Z	Saddle clamp	9.41	11.31
18	1	R172060Z	Control valve 1/4 in. NPT x tube with compression nut	39.06	46.93
19	1	R172036Z	Silicone lubricant	15.53	18.66
20	1	R172061Z	Combination check valve / elbow	9.66	11.61

CALIFORNIA PROPOSITION 65 WARNING

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www.p65warnings.ca.gov. P/N 200774.A

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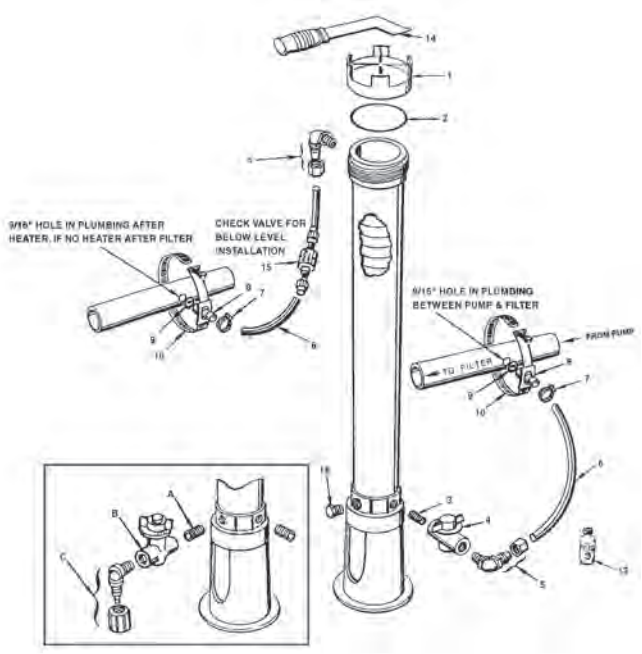
AUTOMATIC FEEDER - MODEL 300-29X

REPLACEMENT PARTS



Item	Qty.	Part No.	Description	US List	Can. List
Order No.:		R171070			
Model No.:		300-29X			
Description:		COMMERCIAL SIZE FEEDER			
1	1	R172008W	3 in. threaded cap, white	28.57	34.33
2	1	R172009Z	O-ring, cap	11.09	13.33
3	1	R172256Z	1/2 in. x Short MPT nipple	9.13	10.97
4	1	R172086Z	1/2 in. Control valve	82.42	99.04
5	2	R172272Z	1/2 in. 90° NPT x tube fitting w/nut	11.74	14.11
5	Opt.	R172274Z	Compression nut only (for R172272Z)	4.29	5.15
6	1	R172269	1/2 in. i.d. Feeder tube, 12 ft.	28.40	34.13
7	2	R175013	S/S tubing clamp	9.42	11.32
8	2	R172262Z	Saddle tube fitting	9.13	10.97
9	2	R172263Z	Saddle gasket	3.44	4.13
10	2	R172264Z	Saddle clamp	17.37	20.87
10A	Opt.	R172264XL	Saddle clamp for 3 in., 4 in. & 6 in. pipe	23.05	27.70
11	1	R172392	1/4 in. MPT PVC plug (old style)	9.16	11.01
13	1	R172036Z	Silicone lubricant, 3/4 oz.	15.53	18.66
14	Opt.	R172052	Cap wrench	47.98	57.65
15	Opt.	R172324NS	1/2 in. Corrosion resistant check valve, tube x tube (ball)	CALL	CALL
16	1	R172134	1/2 in. MPT PVC plug	10.05	12.08

Item	Qty.	Part No.	Description	US List	Can. List
Order No.: R172275					
Parts bag for 300-29X Complete					
3	1	R172256Z	1/2 in. x Short MPT nipple	9.13	10.97
4	1	R172086Z	1/2 in. Control valve	82.42	99.04
5	2	R172272Z	1/2 in. 90° NPT x tube fitting w/nut	11.74	14.11
5	Opt.	R172274Z	Compression nut only (for R172272Z)	4.29	5.15
7	2	R175013	S/S tubing clamp	9.42	11.32
8	2	R172262Z	Saddle tube fitting	9.13	10.97
9	2	R172263Z	Saddle gasket	3.44	4.13
10	2	R172264Z	Saddle clamp	17.37	20.87
13	1	R172036Z	Silicone lubricant	15.53	18.66
Order No.: R172002					
Optional Drain Kit					
A		R172256Z	1/2 in. Short MPT nipple	9.13	10.97
B		R172086Z	1/2 in. Control valve	82.42	99.04
C		R172272Z	1/2 in. 90° NPT x tube fitting w/nut	11.74	14.11

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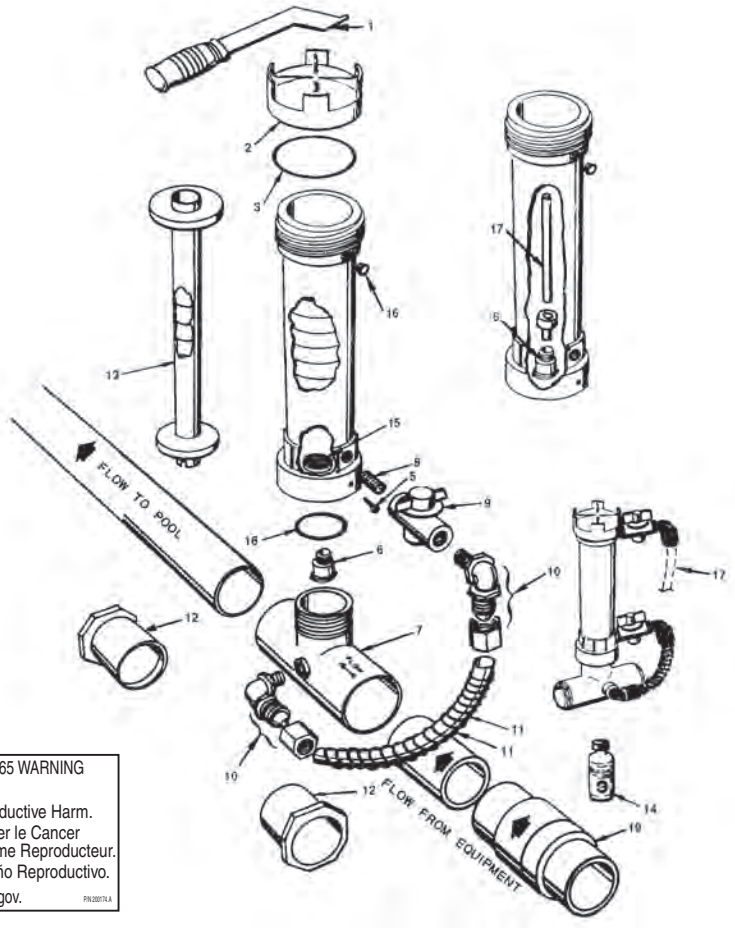
AUTOMATIC FEEDER – MODEL 320

REPLACEMENT PARTS



CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
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Item	Qty.	Part No.	Description	US List	Can. List
Order No.: R171096					
Model No.:		320			
Description:		IN-LINE AUTOMATIC FEEDER			
1	Opt.	R172052	Cap wrench	47.98	57.65
2	1	R172008W	3 in. threaded cap - white	28.57	34.33
3	1	R172009Z	O-ring, cap	11.09	13.33
5	1	R01052	Lock screw	2.31	2.78
6	1	R172248Z	Check valve	16.46	19.78
7	1	R172317	Diverter tee 1-1/2 NPT x 2 in. slip	42.58	51.16
8	1	R172256Z	1/2 in. x Short MPT nipple	9.13	10.97
9	1	R172086Z	1/2 in. Control valve	82.42	99.04
10	2	R172272Z	1/2 in. NPT x tube 90° ELL w/nut	11.74	14.11
10	Opt.	R172274Z	Compression nut only (for R172272Z)	4.29	5.15

Item	Qty.	Part No.	Description	US List	Can. List
11	1	R172091	5/8 in. o.d. Short feeder tube	8.87	10.66
11	Opt.	R171097Z	Tube support spring	9.13	10.97
12	2	R172210	2 in. x 1-1/2 in. S x S bushing for 1-1/2 in. PVC only [1]	9.13	10.97
13	Opt.	R172037	Spa chamber	26.24	31.53
14	1	R172036Z	Silicone lubricant, 3/4 oz.	15.53	18.66
15	1	210396Z	Screen	5.03	6.04
16	1	R172134	1/2 in. NPT PVC plug	10.05	12.08
17	1	R172253Z	5/8 in. o.d. 18 in. tube (optional top feed)	9.11	10.95
18	1	R172319Z	Bottom O-ring	2.31	2.78
19	Opt.	R172288	1-1/2 in. Corrosion resistant check valve	170.00	204.27

[1] Not used with 2 in. PVC.

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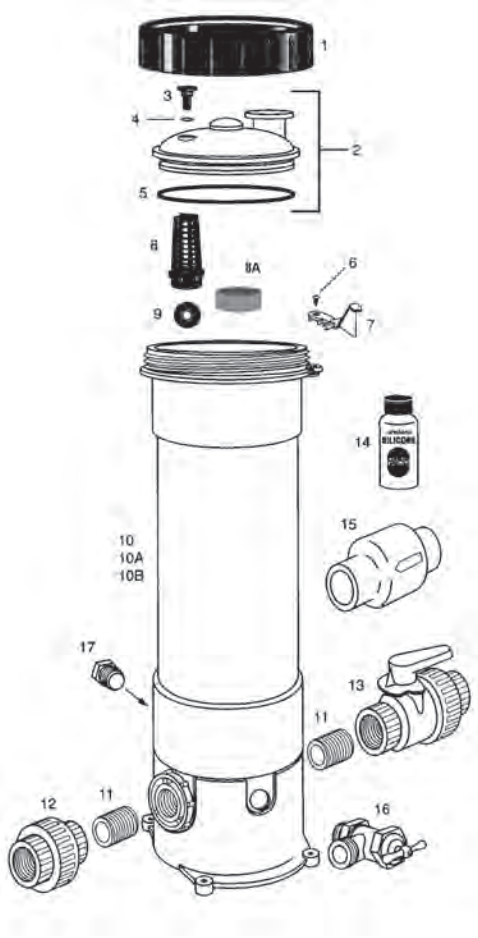
HIGH-CAPACITY AUTOMATIC FEEDERS
MODELS HC-3315, HC-3330, HC-3340

REPLACEMENT PARTS

Item	Qty.	Part No.	Description	US List	Can. List
Order No.:	R171215, R171230, R171240				
Model No.:	HC-3315, HC-3330, HC-3340				
Description:	HIGH CAPACITY AUTOMATIC FEEDER				
1	1	R172214	Lock ring	28.07	33.73
2	1	R172385D	Lid assembly complete	49.54	59.53
12	1	R270531	1 in. Threaded union	28.67	34.45
13	1	R172439	Control valve	132.66	159.40
14	1	R172036Z	Silicone lubricant, 3/4 oz.	15.53	18.66
15	Opt.	R172288	1-1/2 in.–2 in. Check valve	170.00	204.27
16	1	R175009	Hose Bib w/t Handle 1/2 in.	28.23	33.92
NOT SHOWN					
		R172082	Flow rate indicator	CALL	CALL



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P/N 2007XLA

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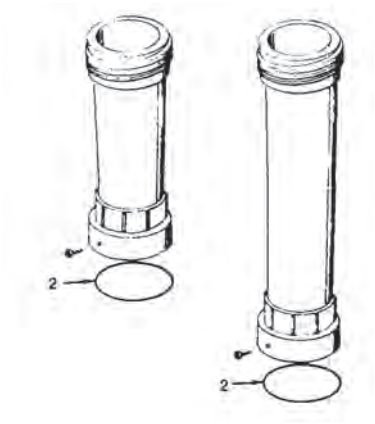
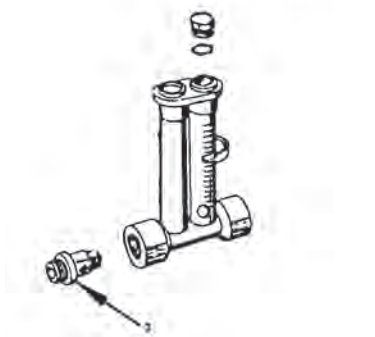
EXTENSIONS / DISPENSERS / FLOW INDICATORS

REPLACEMENT PARTS

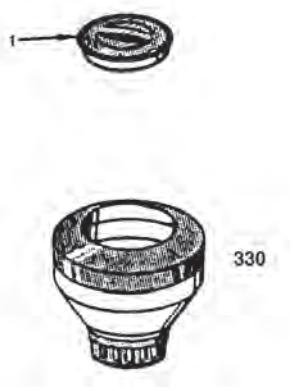


R172087 R172283

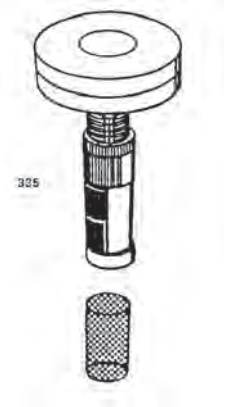
Item	Qty.	Part No.	Description	US List	Can. List
Order No.: R172087 10 IN. EXTENSION COMPLETE Order No.: R172283 20 IN. EXTENSION COMPLETE					
2	1	R172009Z	O-ring	11.09	13.33
Order No.: R172080Z Description: FLOW INDICATOR					
3	1	R172020	Check valve	7.54	9.06
Order No.: R172627 Description: CORROSION RESISTANT FLOW INDICATOR					
1	1	R172276	Commercial flow indicator	111.89	134.45
2	1	R270422	1/2 in. x 90° Elbow FPT	9.42	11.32
3	1	R172272Z	1/2 in. x 90° NPT x tube fitting with nut	11.74	14.11
4	1	R172628	Saddle clamp with inlet fitting (threaded)	39.44	47.39
5	1	R172263Z	Saddle gasket	3.44	4.13
6	1	R172324	1/2 in. Corrosion resistant check valve. Tube x tube	CALL	CALL
Order No.: R171086 Model No.: 330 Description: FLOATING DISPENSER					
1	1	R18729B	Lid only (new style – fits 'B' body)	9.13	10.97
Order No.: R171130 Description: SPLASHER POOL/SPA DISPENSER					
Order No.: R171090 Model No.: 335 Description: SPA OR SMALL POOL FLOATING DISPENSERS					



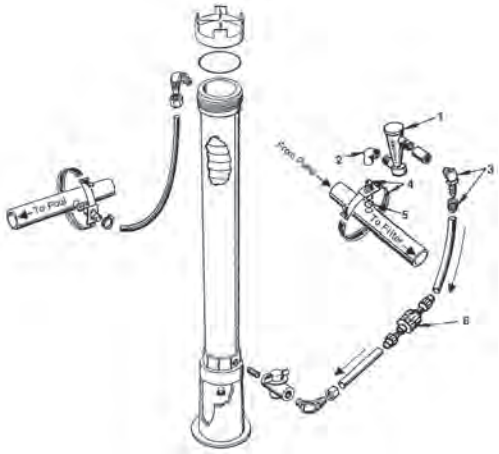
R172080Z



R171086



R171090



R172627

CALIFORNIA PROPOSITION 65 WARNING

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www.p65warnings.ca.gov. P/N 20074-A

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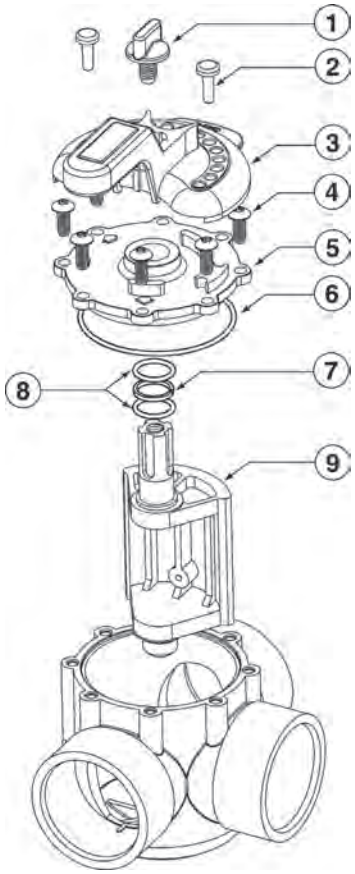
PENTAIR POOL

VALVE PARTS

Product Catalog 2025–2026

DIVERTER VALVES – 1-1/2 IN. AND 2 IN.

REPLACEMENT PARTS (PACFAB AND COMPOOL VALVES)



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www.p65warnings.ca.gov.

P/N 20017-A

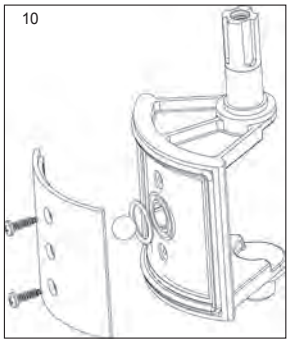
Item No.	Part No.	Description	US List	Can. List
		DIVERTER VALVES – 1-1/2 IN. AND 2 IN.		
1	270032	Handle Knob 2 & 3-Way Valve	30.02	36.07
2	270021	Pin stop 2 & 3-Way Valve	CALL	CALL
3	270028	Handle 2 & 3-Way Valve	CALL	CALL
4	520389	Screw Kit, (8 Screws)	62.63	75.26
5	270030	Cover CPVC 2 & 3-Way Valve	CALL	CALL
6	51016200Z	O-ring #2-152 Buna 70 Shore	5.84	7.02
7	270038	Spacer ring	CALL	CALL
8	192039Z	O-ring #2-116 Buna 70 Shore	4.04	4.85
9	270056	Diverter assy. 2 & 3-Way Valve, (2–2-1/2 in.) [1]	108.28	130.11
9	270075	Diverter assy. 2 & 3-Way Valve, (1-1/2–2 in.) [1]	124.52	149.62
9	270094	Diverter assy. 3-Way Solar Valve w/ drain down, (2–2-1/2 in.)	181.53	218.13
		NOT SHOWN		
	263042Z	Check Valve Replacement Kit	126.66	152.19

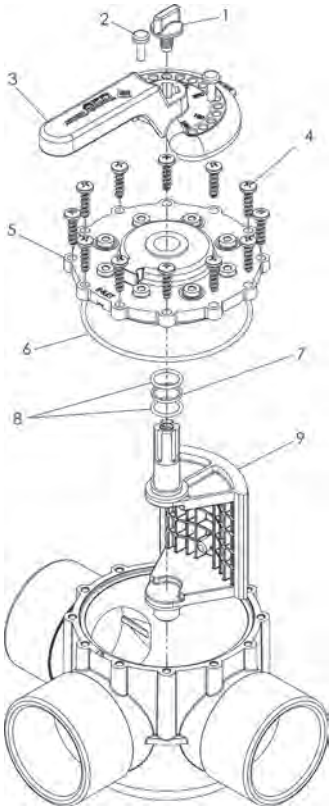
[1] Includes: P/N 270038 (Spacer split ring) and P/N 192039Z (O-ring).

FULLFLOXF® DIVERTER & CHECK VALVES – 2-1/2 IN. & 3 IN.

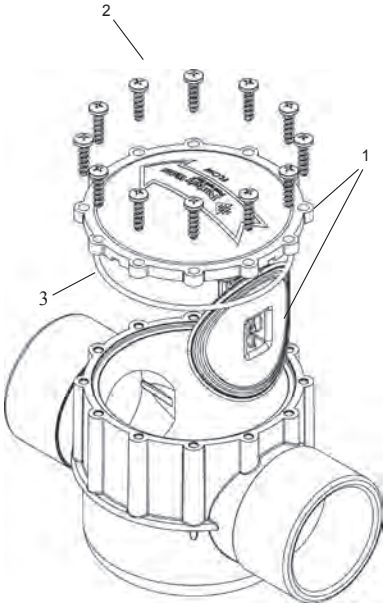
REPLACEMENT PARTS

Diverter Valve





Check Valve



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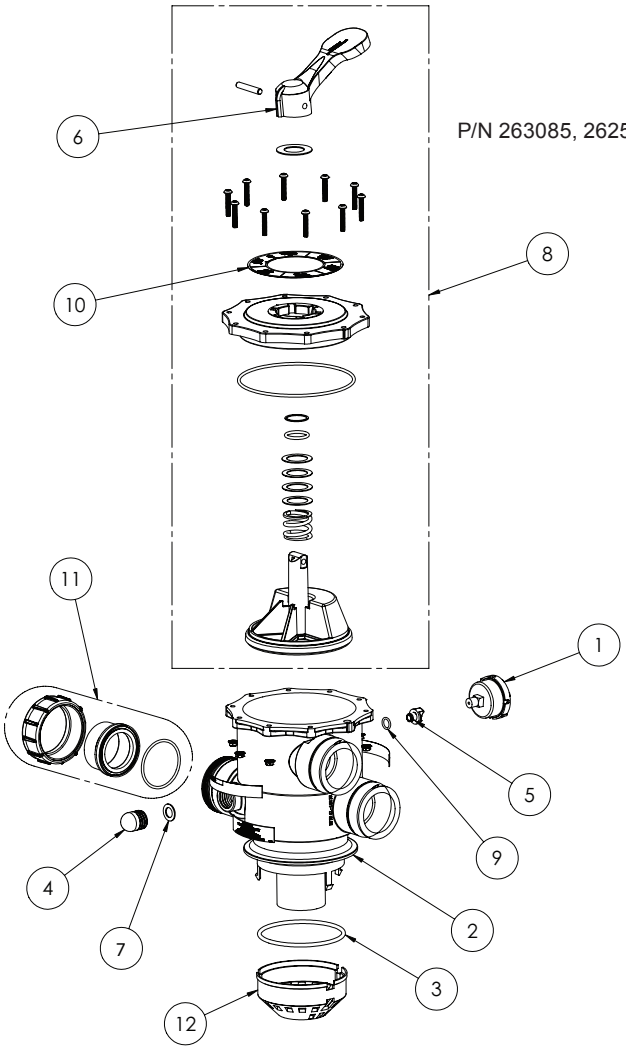
P/N 20017-A

Item No.	Part No.	Description	US List	Can. List
		DIVERTER VALVE		
1	271074Z	Screw Handle Lock	27.64	33.21
2	271072Z	Pin Handle Stop	3.49	4.19
3	270118Z	Handle	CALL	CALL
4	271077Z	Screw Kit (12 screws/kit)	CALL	CALL
5	270115Z	Diverter Valve Cover	41.20	49.51
6	270116Z	O-Ring, 2-248 Buna-N 70 Shore A (1 req.)	12.87	15.46
7	271073Z	O-ring, Spacer (1 req.)	6.46	7.76
8	192039Z	O-Ring, 2-116 Buna-N 70 Shore A (2 req.)	4.04	4.85
9	270106Z	Diverter Shaft Assy	139.13	167.18
10	270107Z	Diverter Assy Solar 3-Way Valve w/ Drain Down Check Valve	206.62	248.27
		CHECK VALVE		
1	270119Z	Check Valve Flapper Replacement Kit (includes items 2 & 3)	175.78	211.22
2	271077Z	Screw Kit (12 Screw/Kit)	111.84	134.39
3	270116Z	O-Ring 2-248 Buna-N 70 Shore A (1 req.)	12.87	15.46

2 IN. TOP MOUNT VALVE

REPLACEMENT PARTS



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Item	Part No.	Description	US List	Can LIst
6 POSITION TOP MOUNT CLAMP-ON MULTIPORT VALVE				
1	190059Z	Pressure Gauge	68.74	82.60
2	270210Z	Valve Body	128.74	154.69
3	272541	Valve Body O-Ring	12.79	15.37
4	272556Z	Sight Glass	26.74	32.13
5	272557Z	Drain Plug	26.56	31.91
6	272558Z	Handle	40.34	48.47
7	272567Z	Sight Glass Gasket	26.74	32.13
8	272568Z	Valve Top Assembly*	254.49	305.80
9	272573Z	Drain Plug O-Ring	26.83	32.24
10	272576Z	Valve Position Label	30.06	36.12
11	272590Z	Union Kit	75.77	91.05
12	274402Z	Diffuser	50.51	60.69

* Item #8 does not include screws.

SIX-WAY 1-1/2 IN. TOP MOUNT HIFLOW™ VALVES

REPLACEMENT PARTS (PACFAB MULTIPORT VALVES 262504, 262505, 262506)

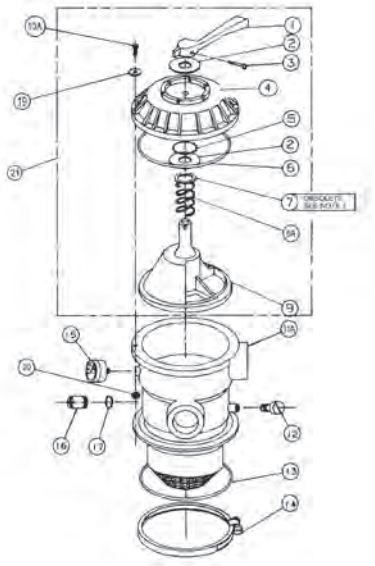
Item No.	Part No.	Description	US List	Can. List
		6-WAY HIFLOW MULTIPORT VALVES		
1	272520	Handle	39.18	47.08
2	272505Z	Washer plastic, 2 req.	4.42	5.31
3	272405Z	Screw - handle	2.57	3.09
4	272599	Six-way valve label	9.13	10.97
5	272511Z	O-ring - diverter shaft	2.48	2.98
6	354053Z	O-ring - valve top	43.39	52.14
7	271193Z	Washer - s/s [3]	3.77	4.53
8	272400Z	Spring - comp. 100 lb. 1-13/16 o.d. [3]	14.69	17.65
8A	272535Z	Spring - comp. 100 lb. 1-3/8 o.d. [3]	7.85	9.43
9	272512	Diverter w/ gasket	84.05	100.99
10A	354541	Screw #10-24 hex pan head, 6 req. [4]	3.44	4.13
11A	272530Z	Valve body w/ diffuser - clamp style	205.92	247.43
12	273512	Air bleeder with O ring [2]	18.26	21.94
13	272541	O-ring - 3/16 in. x 4-5/8 in. i.d.	12.79	15.37
14	152165	Clamp	39.18	47.08
15	190059Z	Pressure gauge	68.74	82.60
16	272550	Sight glass[1]	20.79	24.98
17	271106	Gasket - sight glass [1]	4.66	5.60
18	154493	O-ring	8.49	10.20
19	272555Z	Washer - 9/16 s/s, 6 req. [4]	2.57	3.09
20	272554Z	Nut - #10-24 serrated flange s/s, 6 req. [4]	3.13	3.76
21	272531	HiFlow 1-1/2 in. top valve assy.	257.37	309.26

[1] VALVES MANUFACTURED BEFORE MARCH 1, 1993 DO NOT CONTAIN ITEM 16 SIGHT GLASS OR ITEM 17 SIGHT GLASS GASKET.

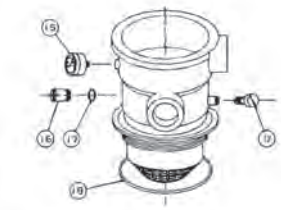
[2] CLAMP STYLE VALVES MANUFACTURED BEFORE MARCH 1, 1993 CONTAIN A DIFFERENT AIR BLEEDER WITH O-RING P/N 272515. THIS PART IS NOT INTERCHANGEABLE WITH P/N 273512. THREADED VALVES MANUFACTURED BEFORE MARCH 1, 1993 DO NOT CONTAIN AN AIR BLEEDER WITH O-RING.

[3] ITEM 8A USED ON VALVES MANUFACTURED AFTER MAY 1, 1992 AND REPLACES BOTH ITEMS 7 AND 8.

[4] ITEMS 10A, 19 AND 20 ARE USED ON VALVES MANUFACTURED AFTER APRIL 15, 1994 AND REPLACE ITEM 10.



For (262504) (262505)(262506)
Clamp Style Valve For TA-D Filters



For (261130) 6 in.
Buttress Style Valve For
TA Filters

CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

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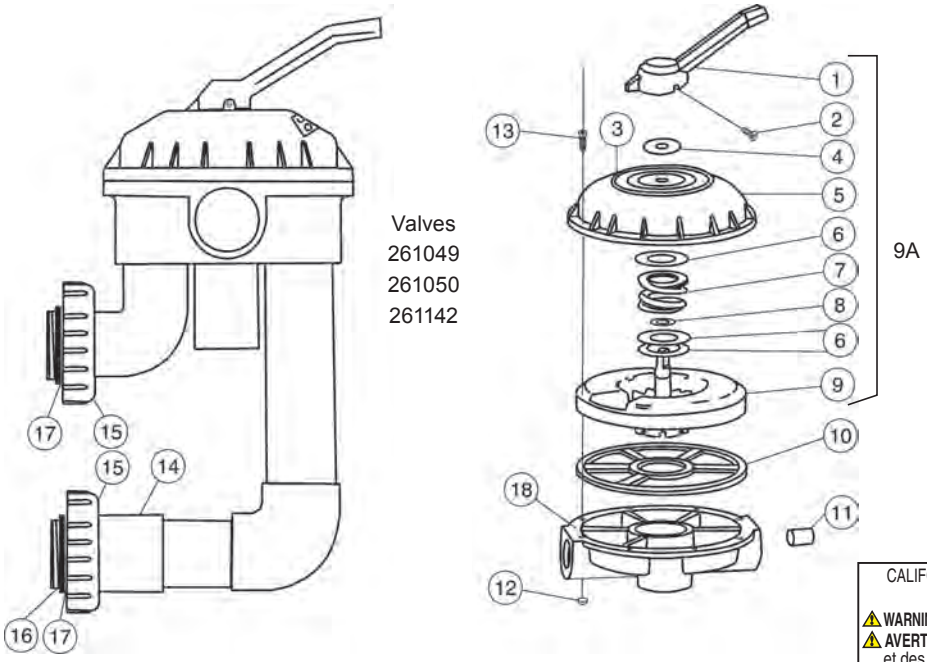
2 IN. HI-FLOW™ VALVES

REPLACEMENT PARTS FOR VALVES



CALIFORNIA PROPOSITION 65 WARNING

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Item	Part No.	Description	US List	Can. List
		2 IN. HI-FLOW VALVES		
1	272520	Handle	39.18	47.08
2	272405Z	Screw - Handle	2.57	3.09
3	272120	Label	CALL	CALL
4	272402Z	Washer - Plastic	4.48	5.38
5	272412Z	Valve Top	88.88	106.80
6	271193Z	Washer - 18 GA., 2 req.	3.77	4.53
7	272400Z	Spring - Compression	14.69	17.65
8	JV18	O-ring Kit Bag	1.72	2.07
9	272413Z	Diverter	157.06	188.72
9A	272422	Valve top assy. [1]	336.91	404.83
10	272409	Seal - Diverter	61.19	73.53
11	154566Z	Sight Glass 2 in. clear	23.92	28.74
12	98211400Z	Nut 1/4 in.- 20 Hex, 8 req.	4.36	5.24
13	272403Z	Screw 1/4 in.- 20, 8 req.	2.75	3.30
15	274407	Nut - Bulkhead adapter, 2 req.	CALL	CALL
16	274426	Adapter - Union Kit	CALL	CALL
17	274494	O-ring - Bulkhead adapter, 2 req.	CALL	CALL
18	272433	Valve btm. 2 in. w/ gasket [2]	209.09	251.24

[1] This part number includes items 1 thru 9.

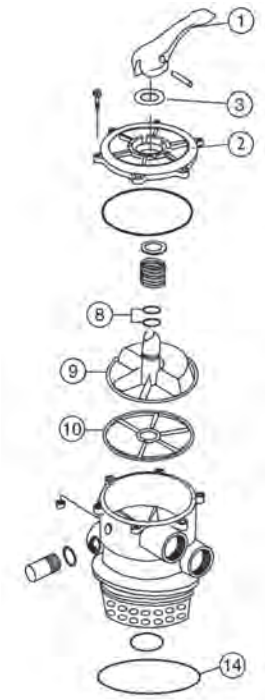
[2] 272433 valve btm. 2 in. w/ gasket contains one each of: 272409 seal diverter and 272415Z Plate 2 in. valve btm.

TOP MOUNT CLAMP-ON MULTIPORT VALVES

REPLACEMENT PARTS FOR AMERICAN VALVES

P/N 50113100
1-1/2 in. thrd.

P/N 50123100
2 in. slip



Item	Part No.	Description	US List	Can. List
6 POSITION TOP MOUNT CLAMP-ON MULTIPORT VALVE				
1	271156	Handle	51.83	62.28
8	191479	O-ring	2.11	2.54
10	271104	Gasket, spider, 1-1/2 in. valve	41.61	50.00
10	271148Z	Gasket, spider, 2 in. valve	50.44	60.61

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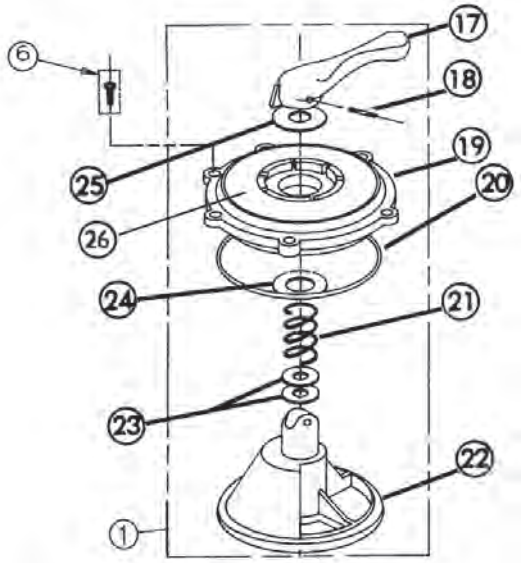
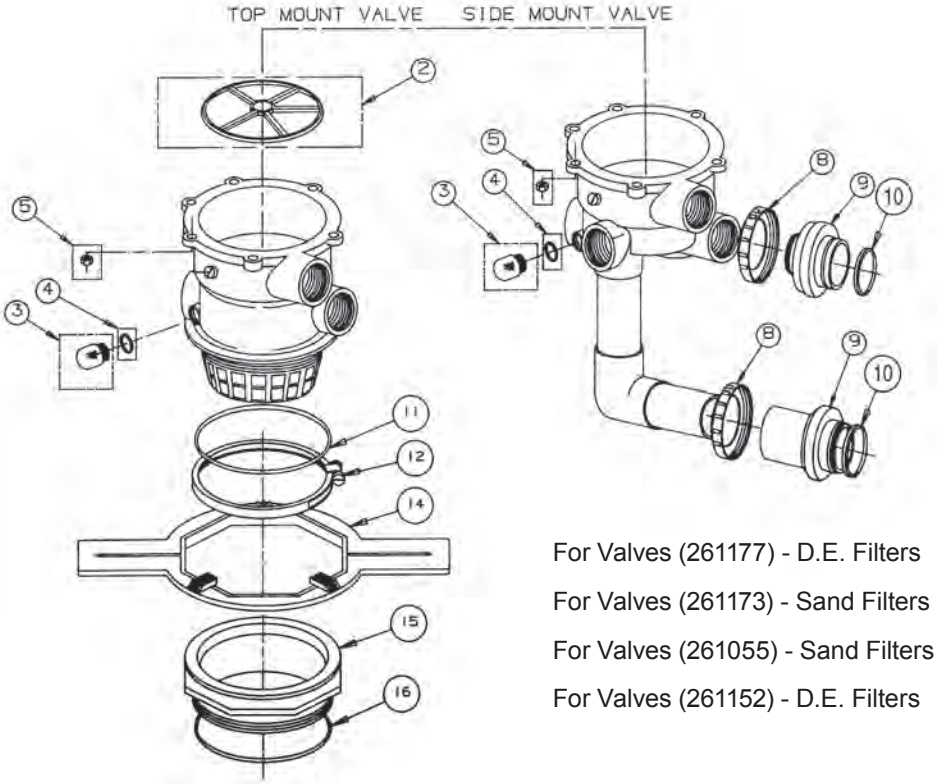
TOP MOUNT / SIDE MOUNT VALVES

REPLACEMENT PARTS FOR PACFAB MULTIPORT VALVES



For use on TR, TA, NS or FNS filters



For Valves (261124, 261185)

For Valves (261177) - D.E. Filters

For Valves (261173) - Sand Filters

For Valves (261055) - Sand Filters

For Valves (261152) - D.E. Filters

CALIFORNIA PROPOSITION 65 WARNING

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www.p65warnings.ca.gov. P/N 20174.A

TOP MOUNT / SIDE MOUNT VALVES (CONT'D)

REPLACEMENT PARTS FOR PACFAB MULTIPORT VALVES

Item	Part No.	Description	US List	Can. List
TM/SM HI-FLOW MULTIPORT VALVES				
1	270068	Top valve assy. 1-1/2 in.	311.25	374.00
1	270067	Top valve assy. 2 in.	373.97	449.36
2	271104	Gasket - diverter, 1-1/2 in.	41.61	50.00
2	271148Z	Gasket - diverter, 2 in.	50.44	60.61
3	272550	Sight glass	20.79	24.98
4	271106	Gasket - sight glass	4.66	5.60
5	152167Z	Nut, M6 s/s, 6 req.	2.49	2.99
6	152168	Screw - M6 x 30mm s/s, 6 req.	3.44	4.13
8	274407	Nut - bulkhead adapter, 2 req.	CALL	CALL
9	274404Z	Adapter - valve, slip 1-1/2 in.	39.18	47.08
9	274651	Adapter - valve, threaded 1-1/2 in.	32.64	39.22
9	274556	Adapter - valve thread, 2 in.	24.30	29.20
10	274494	O-ring - adapter, 2 req.	CALL	CALL
11	272541	O-ring - valve adapter, 1-1/2 in.	12.79	15.37
11	275333	O-ring - valve, 2 in.	10.88	13.07
12	152165	Clamp with screws and nuts, 1-1/2 in.	39.18	47.08
12	152130	Band assy. - valve, 2 in.	166.16	199.66
14	154512	Wrench - flanged valve, 1-1/2 in.	41.19	49.49
14	151608	Wrench - adapter flange	CALL	CALL
15	155225	Adapter - flanged std. thread, 1-1/2 in.	60.86	73.13
15	152520Z	Adapter - flanged buttress, 1-1/2 in.	172.36	207.11
15	154521	Adapter - flange buttress thread, 2 in.	108.20	130.01
16	154493	O-ring flanged valve adapter, 1-1/2 in.	8.49	10.20
17	271156	Handle	51.83	62.28
18	271164	Pin, handle	20.90	25.11
19	271158Z	Valve top, white, 1-1/2 in.	94.51	113.56
19	271165	Valve top, black, 1-1/2 in.	94.76	113.86
19	271166	Top valve cover, blk, 2 in.	141.62	170.17
19	271169	Top valve cover, blk, 2 in.	205.02	246.35
20	271103	O-ring, valve top, 1-1/2 in.	24.60	29.56
20	271151	O-ring, valve top, 2 in.	30.29	36.40
21	271161	Valve spring	70.14	84.28
22	271163	Valve diverter, 1-1/2 in.	126.09	151.51
22	271168	Valve diverter, 2 in.	141.62	170.17
23	191479	O-ring, stem, 2 req.	2.11	2.54
24	271160Z	Washer, valve spring	15.33	18.42
25	271157	Washer, handle	15.33	18.42
26	273208	Label 2 in. Sand (261055)	CALL	CALL
26	273207	Label 2 in. D.E. (261152)	CALL	CALL
26	271140	Label 1.5 in. Sand (261173)	CALL	CALL
26	271141	Label 1.5 in. D.E. (261177)	CALL	CALL
26	273211	Label 2 in. Sand (261185)	CALL	CALL

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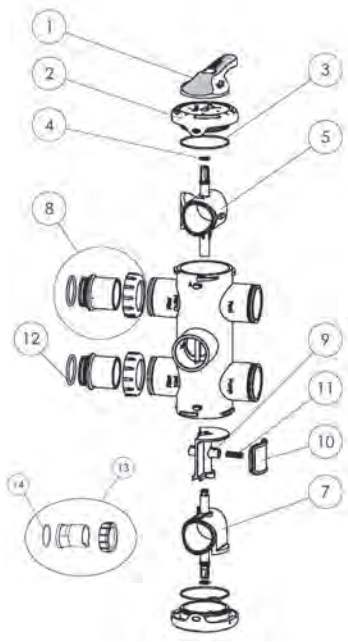
www.p65warnings.ca.gov. P/N 20017-A

FULLFLOXF® BACKWASH VALVE

REPLACEMENT PARTS FOR VALVES

Item	Part No.	Description	US List	Can. List
		FULLFLOXF BACKWASH VALVE		
1	270187Z	Handle	77.99	93.71
2	270190Z	End Cap, 2 Req.	67.62	81.25
3	270197Z	O-Ring #2-244 Buna, 2 Req.	12.48	15.00
4	192039Z	O-Ring #2-116 Buna, 2 Req.	4.04	4.85
5	270199Z	Outlet Diverter	104.02	124.99
7	270200Z	Inlet Diverter	104.02	124.99
8	274426Z	Pentair Union Assembly	77.99	93.71
9	274416Z	Center Diverter	77.99	93.71
10	274417Z	Waste Seal	77.99	93.71
11	274421Z	Waste Seal Spring	18.20	21.87
12	274494	O-Ring #2-332 Buna	CALL	CALL
13	261067Z	Sta-Rite Union Assembly	78.20	93.97
14	U9-362	O-Ring #2-231 Buna	7.94	9.54
		NOT SHOWN		
	270514Z	Rebuilt Kit includes Item 3 (Qty. 2), Item 4 (Qty. 2), and Items 5, 7, and 10.	260.00	312.42
	411101Z	XF Union Kit	156.01	187.46



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MULTIPORT SIDE MOUNT 1-1/2 & 2 IN. VALVES

REPLACEMENT PARTS FOR STA-RITE VALVES

MODELS

18202-0150

18202-0150H

18201-0200

18201-0200H

18201-0300

18202-0250

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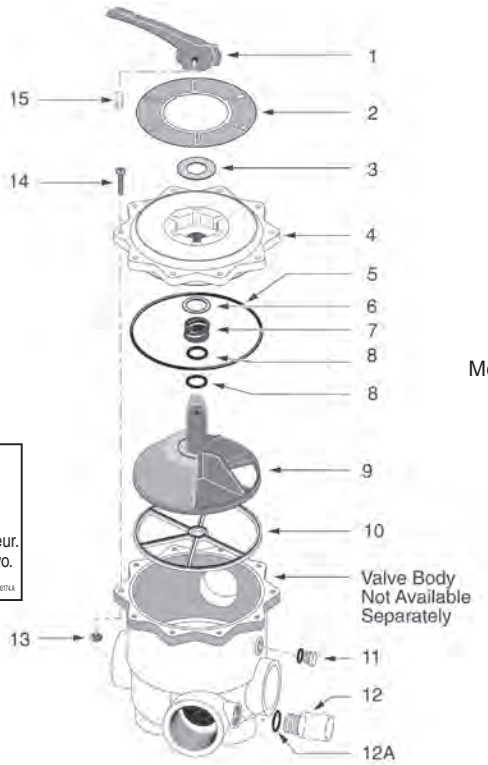
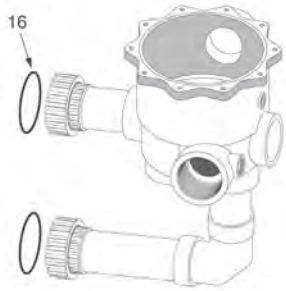
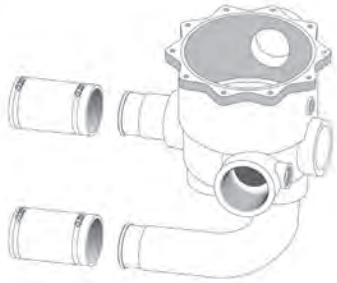
www.p65warnings.ca.gov. P/N 20174.A





Models 18202-0150, 18201-0200, and 18201-0300 include union halves as shown.



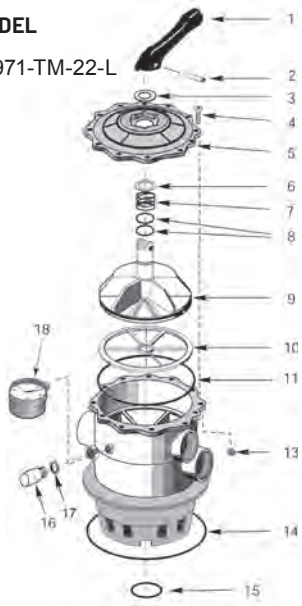
Models 18202-0150H and 18202-0200H require hose connector kits.

Item	Part No.	Description	US List	Can. List
		MULTIPORT SIDE MOUNT 1-1/2 & 2 IN. VALVE		
1	14971-SM10E1	Handle	61.35	73.72
2	32155-4133	Label Decal (1.5 in. Valve) (18202-0150 & 18202-0150H)	CALL	CALL
3	14971-SM10E3	Washer	17.53	21.06
5	14971-SM20E7	Cover O-Ring (2 in. Valve)	26.07	31.33
6	14971-SM10E8	Washer	17.53	21.06
7	14971-SM10E9	Spring	76.59	92.03
8	14971-SM10E10	O-Ring	15.72	18.89
9	14971-SM10E11	Plug (1-1/2 in. Valve)	103.31	124.14
9	14971-SM20E11	Plug (2 in. Valve)	98.38	118.21
10	14971-SM10E12	Spider Gasket (1-1/2 in. Valve)	31.56	37.92
10	14971-SM20E12	Spider Gasket (2 in. Valve)	68.93	82.83
11	U178-920PZ	1/4 in. NPT Plug w/ O-Ring	8.07	9.70
12	14971-SM10E17	Sight Glass	26.57	31.93
16	U9-362	O-Ring (-0150, -0200 only)	7.94	9.54

MULTIPORT 2 IN. VALVES

REPLACEMENT PARTS FOR STA-RITE VALVES

MODEL
14971-TM-22-L



Item	Part No.	Description	US List	Can. List
MULTIPORT 2 IN. VALVE				
1	14971-SM10E1	Handle (ABS)	61.35	73.72
3	14971-SM10E3	Washer	17.53	21.06
6	14971-SM10E8	Washer	17.53	21.06
7	14971-SM10E9	Spring (S.S. 304)	76.59	92.03
8	14971-SM10E10	O-Ring (Mitrile)	15.72	18.89
9	14971-SM20E11	Plug & Gasket Assembly	98.38	118.21
10	14971-SM20E12	Gasket (Kratom)	68.93	82.83
11	14971-SM20E7	O-Ring, Cover	26.07	31.33
14	U9-369Z	O-Ring, Tank Flange	26.55	31.90
15	35505-1243	O-Ring, Stand Pipe	5.61	6.74
16	14971-SM10E17	Sight Glass	26.57	31.93
18	15060-0000T	Gauge, Pressure	72.02	86.54
NOT SHOWN				
	14971-SM20E50	Key Assembly Items 1–10	596.23	716.43

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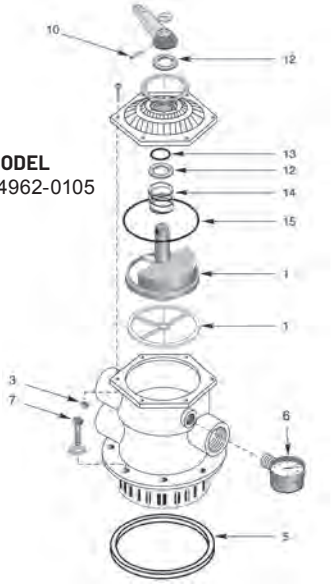
www.p65warnings.ca.gov. P/N 201714.A

MULTIPORT TOP MOUNT 1-1/2 IN. VALVES

REPLACEMENT PARTS FOR STA-RITE VALVES

MODEL
14962-0105



Item	Part No.	Description	US List	Can. List
MULTIPORT TOP MOUNT 1-1/2 IN. VALVE				
1	14962-0017	Plug with Gasket	CALL	CALL
3	98211400Z	Hex Nut, 1/4-20 S.S.	4.36	5.24
6	15060-0000T	Pressure Gauge - 0–60 PSI	72.02	86.54
7	U30-74SSZ	Bolt, 3/8-16 x 1 in. S.S.	7.00	8.41
NOT SHOWN				
	14962-0035	Spring and O-ring Kit, includes items 12, 13, 14 & 15	66.72	80.17

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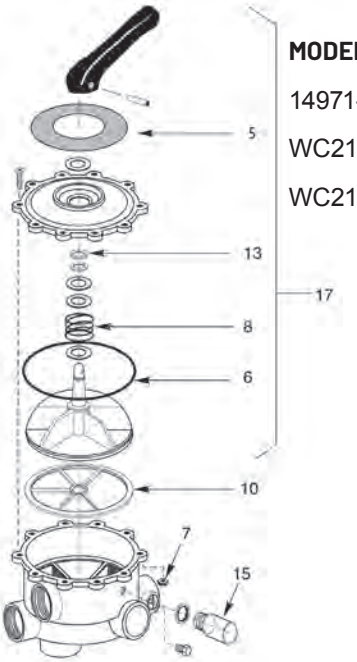
MULTIPORT SIDE MOUNT 2 IN. VALVE PLUG & GASKET KIT

REPLACEMENT PARTS FOR STA-RITE VALVES



MODELS

14971-0012

WC212-38

WC212-144P

Item	Part No.	Description	US List	Can. List
MULTIPORT 2 IN. VALVE PLUG & GASKET KIT				
10	14971-0005	Gasket, Valve Seat	137.56	165.29
15	14971-0009	Sight Glass	45.82	55.06
17	77704-0100	Cover and Plug Assembly Kit, includes items 5 & 9	CALL	CALL

[1] Kit includes 2 hoses, 4 clamps.

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FULLFLOW® VALVES

REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
		FULLFLOW VALVES		
2	072536	Screw	CALL	CALL
5	192039Z	O-ring #2-116 Bunan, 2 req.	4.04	4.85
6	275300	O-ring #2-154 Bunan 70, 2 req.	0.90	1.08
9	271065	Spring, .42 o. d..	6.50	7.81
10	270006	Spring, .24 o. d..	10.34	12.42
14	274494	O-ring, adapter, 2 req.	CALL	CALL
15	274440Z	Nut, adapter, 2 req. [1]	26.35	31.66

[1] Items may not be purchased separately, order item #20, Shaft Assy.

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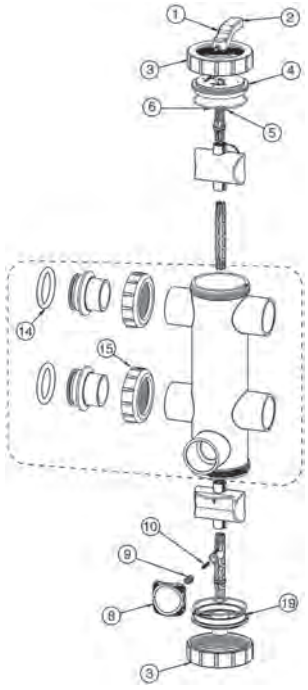
www.p65warnings.ca.gov. P/N:200174.A



FullFlow D. E. Valve
263011
7-1.2 in. Centerline
Filters

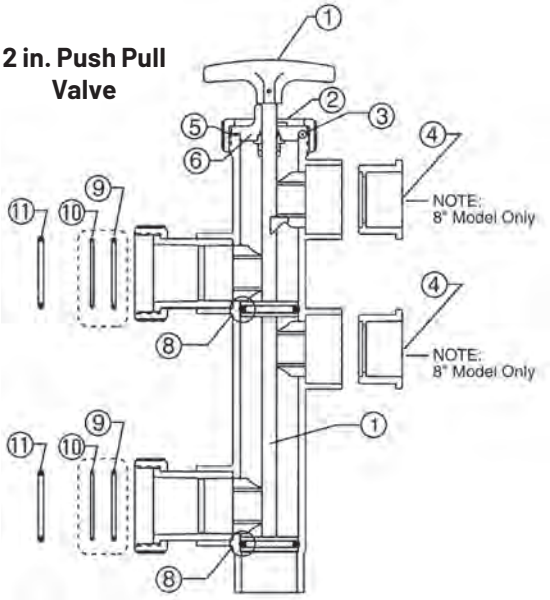
PUSH PULL VALVE

REPLACEMENT PARTS FOR AMERICAN VALVES

Item	Part No.	Description	US List	Can. List
		PUSH PULL VALVES		
2	51013011	Nut	43.03	51.70
3	51013500	O-ring, nut	10.69	12.85
5	6020006	O-ring, cap	0.05	0.06
8	51005000	O-ring, valve stem, 2 in., 2 req.	11.08	13.31
9	273062	O-ring, bulkhead, 8 in. model only	2.57	3.09
11	274494	O-ring, bulkhead, 7-1/2 in. model only	CALL	CALL

MODELS
263064 (7-1/2 in. centerline)
50290211 (8 in. centerline)

2 in. Push Pull Valve



Both items 9 and 10 are included in the kit for multiple applications. Choose only the one set appropriate for your application.

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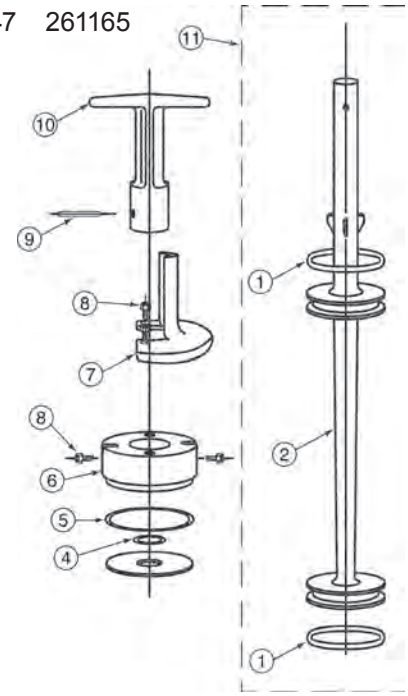
www.p65warnings.ca.gov. P/N:200174.A

2 IN. PVC SLIDE VALVE

REPLACEMENT PARTS FOR SLIDE VALVES

MODELS

261047 261165



Item	Part No.	Description	US List	Can. List
		2 IN. PVC SLIDE VALVE		
1	273090	O-ring - 1-1/2 in. i.d. x 3/16 in. dia., 2 req.	4.19	5.03
4	JV18	O-ring Kit	1.72	2.07
5	273062	O-ring - 2-1/8 in. i. d. x 1/8 in. dia.	2.57	3.09
8	273071Z	Screw - #14 - 18-8 s/s, 4 req.	2.75	3.30
9	273063Z	Pin - 1/8 in. dia. x 1-1/8 in. long s/s.	4.66	5.60
10	273089	Handle for plastic shaft - 5/8 in. i.d.	27.10	32.56
11	273241Z	Piston rod assy.	153.33	184.24
		NOT SHOWN		
	154566Z	Sight glass - 2 in. clear	23.92	28.74

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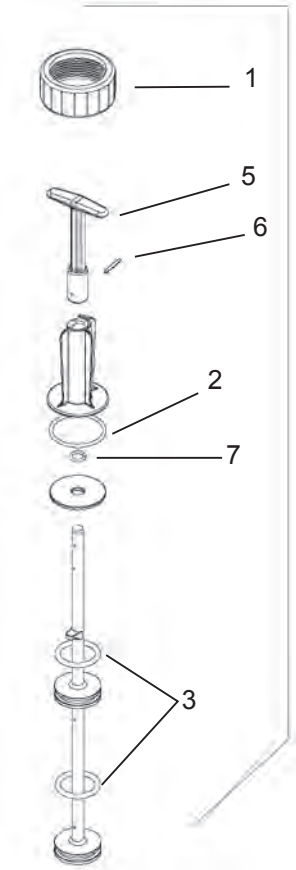
SLIDE VALVES

REPLACEMENT PARTS FOR SLIDE VALVES

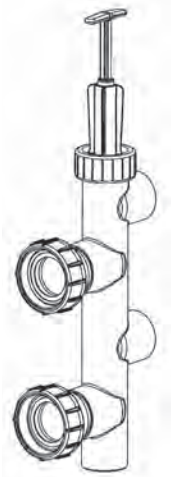


MODELS

263064

263052 263078

263053 263079



263053

Item	Part No.	Description	US List	Can. List
		SLIDE VALVE		
1	270141	Nut, Black SF PMP/VLV PSHPL	31.19	37.48
4	263055	Kit, Piston Shaft Assembly	168.85	202.89
5	270134Z	Handle	27.11	32.58
		NOT SHOWN		
	263054	Kit, O-rings. Includes all valve O-rings.	33.34	40.06

CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov.

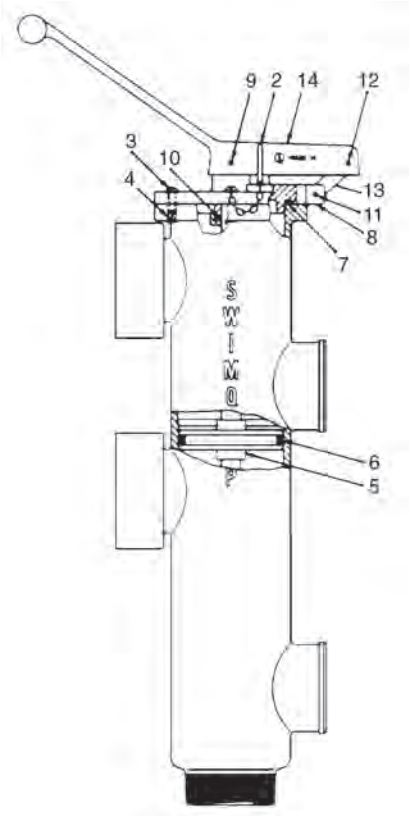
PLASTIC SLIDE VALVE

REPLACEMENT PARTS FOR STA-RITE PLASTIC SLIDE VALVE

MODEL

WC212-134P

14936-0000



Item	Part No.	Description	US List	Can. List
		PLASTIC SLIDE VALVE		
6	35505-1318Z	O-Ring	8.13	9.77
7	35505-1246Z	O-Ring	6.98	8.39
8	14930-0012Z	Index Plate	50.44	60.61
10	35505-1116Z	O-Ring	6.71	8.06
13	14930-0016	Lever Linkage	6.44	7.74

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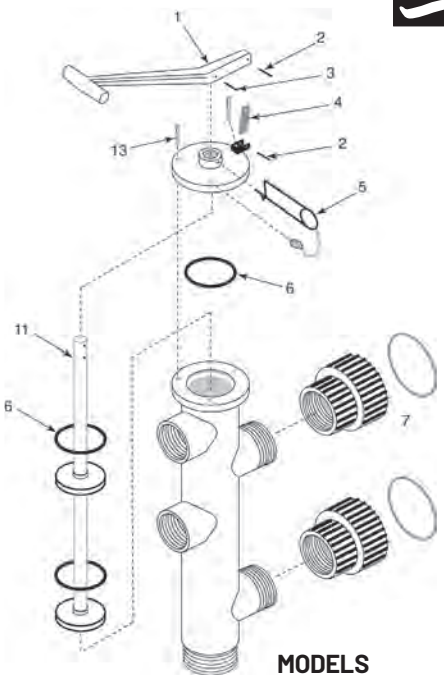
P/N 200174.A

BRONZE VALVES

REPLACEMENT PARTS FOR STA-RITE VALVES

Item	Part No.	Description	US List	Can. List
		BRONZE VALVE		
1	14821-0005	Lever Handle	102.13	122.72
4	14821-0008	Linkage	13.97	16.79
6	35505-1401	O-Ring	8.70	10.45
8	38405-4089	Union Adapter	CALL	CALL
11	14819-0011	Piston Assembly, 1-1/2 in.	246.12	295.74
		NOT SHOWN		
	35505-1116	O-Ring	6.71	8.06



CALIFORNIA PROPOSITION 65 WARNING

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www.p65warnings.ca.gov. P/N 20174.A

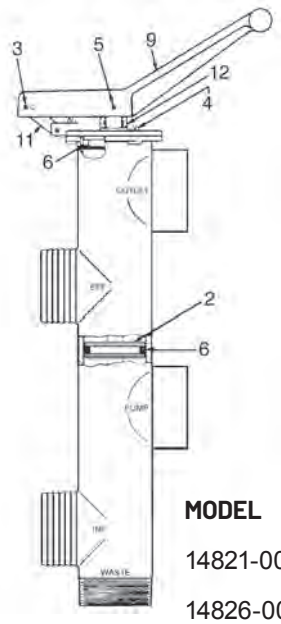
MODELS

WC212-135D – 1-1/2 in.

WC212-136D – 2 in.

BRONZE SLIDE VALVES

REPLACEMENT PARTS FOR STA-RITE VALVES



Item	Part No.	Description	US List	Can. List
		BRONZE SLIDE VALVE		
2	14819-0011	Piston Assembly with O-Rings	246.12	295.74
6	35505-1401	O-Ring (Model 14821-6000)	8.70	10.45
6	35505-1313	O-Ring	7.88	9.47
9	14821-0005	Level Handle	102.13	122.72
11	14821-0008	Linkage	13.97	16.79
12	35505-1116	O-Ring	6.71	8.06

MODEL

14821-0000 – 1-1/2 in.

14826-0000 – 2 in.

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www.p65warnings.ca.gov. P/N 20174.A

NOTES:

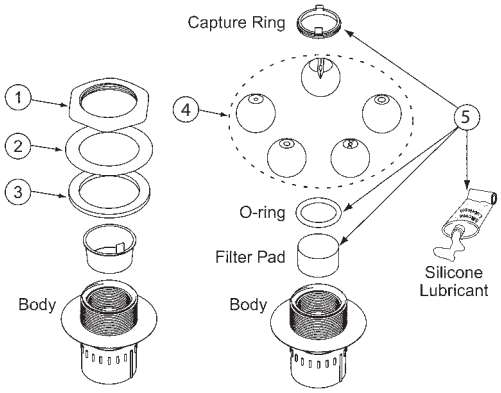
PENTAIR POOL

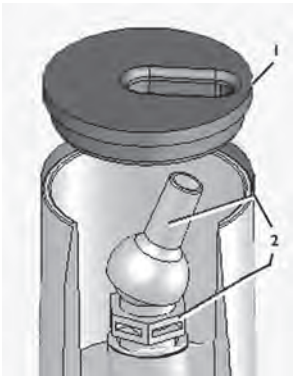
WATER FEATURES PARTS

Product Catalog 2025–2026

DECK JET & MAGICSTREAM® DECK JET II

REPLACEMENT PARTS



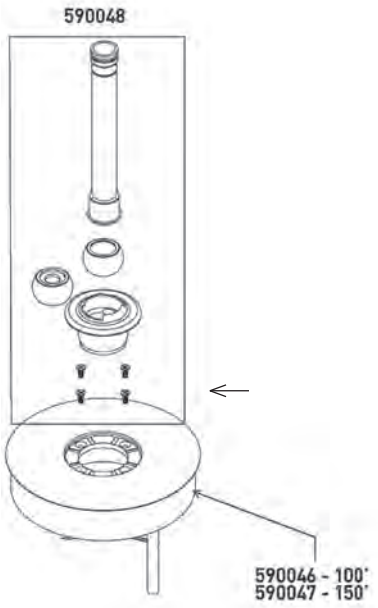


Item	Part No.	Description	US List	Can. List
DECK JET				
1	87200800	Fitting nut, sealing liner 2 in.	11.43	13.73
2	87200700	Friction ring, SIF	10.52	12.64
3	87201200	Gasket TH-AGF 3.5 in. OD x 2-3/8 in. ID	12.51	15.03
4	590010	Eyeball kit includes installation card	216.33	259.94
5	590011	Accessory kit includes Capture ring, 2 qty.; O-ring, 3 qty.; Filter Pad, 2 qty., Silicone Lubricant, 1 qty.	36.04	43.31

Item	Part No.	Description	US List	Can. List
MAGICSTREAM DECK JET II				
1	590042	MagicStream Deck Jet II cover, bronze color, each	95.44	114.68
1	590150	MagicStream Deck Jet II cover, tan color each, each	34.85	41.88
2	590041	MagicStream Deck Jet II Nozzle Kit (Includes nozzle base and nozzle swivel, set of 4)	187.03	224.74

COLORCASCADE LED LIGHT BUBBLER

REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
COLORCASCADE LED LIGHT BUBBLER				
1	590046	LED Bubbler replacement light engine with 100 ft. cord	CALL	CALL
2	590047	LED Bubbler replacement light engine with 150 ft. cord	CALL	CALL
3	590048	Accessory Kit	CALL	CALL

CALIFORNIA PROPOSITION 65 WARNING

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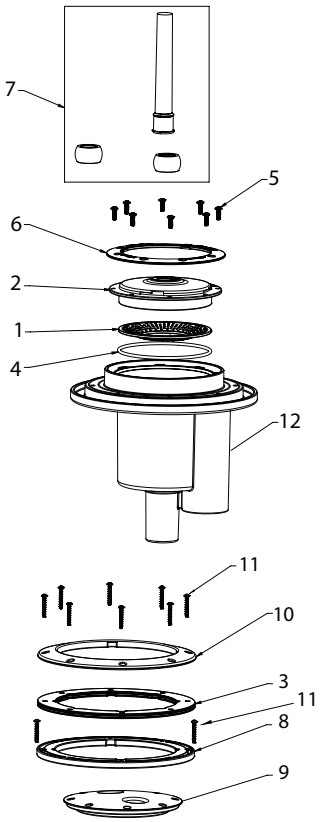
www.p65warnings.ca.gov.

P/N 20017-LA

COLORVISION® BUBBLER
REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
		COLORVISION LED LIGHT BUBBLER		
1	590103Z	Diffuser	18.19	21.86
2	590104Z	Lens w/ O-Ring	36.34	43.67
3	590107Z	Gasket Kit, 3 Gaskets	49.99	60.07
4	590118Z	O-Ring	13.63	16.38
5	590119Z	Screw Kit Lens	18.19	21.86
6	590105Z	Color Ring - White	22.73	27.31
6	590128Z	Color Ring - Blue	22.73	27.31
6	590127Z	Color Ring - Gray	22.73	27.31
6	590129Z	Color Ring - Tan	22.73	27.31
6	590130Z	Color Ring - Black	22.73	27.31
7	590135	Eyeball Assembly Kit	40.89	49.13
8	590109Z	Vinyl Spacer	27.28	32.78
9	590102Z	Gunite Cover w/ O-Ring	31.79	38.20
10	590106Z	Vinyl/Fiberglass Ring - White	31.79	38.20
10	590132Z	Vinyl/Fiberglass Ring - Blue	31.79	38.20
10	590131Z	Vinyl/Fiberglass Ring - Gray	31.79	38.20
10	590133Z	Vinyl/Fiberglass Ring - Tan	31.79	38.20
10	590134Z	Vinyl/Fiberglass Ring - Black	31.79	38.20
11	590121Z	Screw Kit Vinyl/Fiberglass Ring	22.73	27.31
12	590147Z	Niche	182.24	218.98
		NOT SHOWN		
	580067	Complete Accessory Kit for Vinyl/Fiberglass Bubbler (includes items 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 & 11)	181.58	218.19
	580068	Complete Accessory Kit for Gunite Bubbler (includes items 1, 2, 4, 5, 6, 7 & 9)	80.72	96.99



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www.p65warnings.ca.gov.

P/N 220174-A

MAGICFLAME®

FIRE AND WATER BOWL REPLACEMENT PARTS

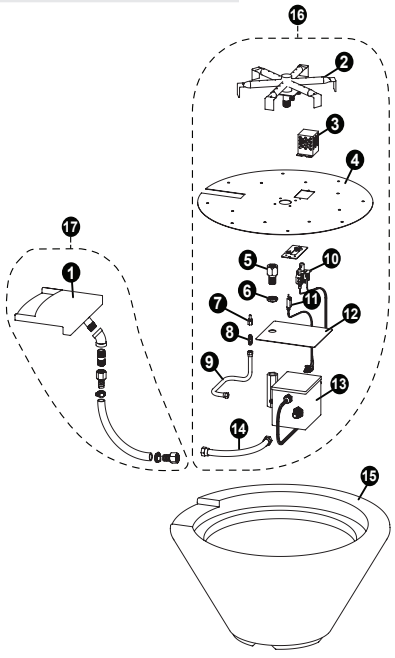
Item	Part No.	Description	US List	Can List
		MAGICFLAME BOWL		
1	590293	Spillway (Square, Water Only)	288.61	346.79
1	590294	Spillway (Round, Water Only)	288.61	346.79
1	590295	Spillway (Square, Fire/Water)	577.23	693.60
1	590296	Spillway (Round, Fire/Water)	577.23	693.60
2	590283	Burner	288.61	346.79
3	590303	Pilot Hood	CALL	CALL
4	590301	Support Plate (Square, Fire Only)	360.76	433.49
4	590302	Support Plate (Round, Fire Only)	360.76	433.49
4	590292	Support Plate (Square, Fire/Water)	360.76	433.49
4	590284	Support Plate (Round, Fire/Water)	360.76	433.49
5	See Table to Side	Burner Orifice		
6	590286	Jam Nut	14.43	17.34
7	590279	Pilot Orifice, Propane	57.73	69.37
7	590281	Pilot Orifice, Natural Gas	57.73	69.37
8	590305	Flare Fitting	14.43	17.34
9	590287	Pilot Hose	28.86	34.68
10	590276	Igniter	CALL	CALL
11	590277	Flame Sensor	CALL	CALL
12	590285	Heat Shield	86.58	104.03
13	590278	Control Box	CALL	CALL
14	590288	Burner Hose w/ Flare Fitting	57.73	69.37
15	See Table to Side	Bowl		
16	590334	Burner Assembly (Round, Fire Only)	4329.17	5201.93
16	590335	Burner Assembly (Square, Fire Only)	4329.17	5201.93
16	590336	Burner Assembly (Round, Fire/Water)	4329.17	5201.93
16	590337	Burner Assembly (Square, Fire/Water)	4329.17	5201.93
17	590324	Waterline Assembly	721.52	866.98
		NOT SHOWN		
	590275	Pilot/Igniter Assembly (includes items 3, 10 and 11)	793.68	953.69
	See Table to Side	Paint Repair Kit		
	See Table to Side	Fire Media		
	590289	Winterizing Cover, Round	CALL	CALL
	590290	Winterizing Cover, Square	CALL	CALL
	590291	Mounting Hardware Kit	43.30	52.03

INSTALL ELEVATION	PROPANE	NATURAL GAS
REPLACEMENT BURNER ORIFICES (ITEM #5)		
<4000 ft./[<1219 m]	590280	590282
4000–6000 ft./[1219–1829 m]	590318	590321
6000–8000 ft./[1829–2438 m]	590319	590322
8000–10000 ft./[2438–3048 m]	590320	590323

FIRE/WATER BOWLS		FIRE ONLY BOWLS	
REPLACEMENT BOWLS (ITEM #15)			
Bronze, Round	580205	Bronze, Round	580195
Pewter, Round	580206	Pewter, Round	580196
Natural, Round	580207	Natural, Round	580197
White, Round	580208	White, Round	580198
Black, Round	580209	Black, Round	580199
Bronze, Square	580210	Bronze, Square	580200
Pewter, Square	580211	Pewter, Square	580201
Natural, Square	580212	Natural, Square	580202
White, Square	580213	White, Square	580203
Black, Square	580214	Black, Square	580204

MEDIA TYPE	P/N
FIRE MEDIA OPTIONS	
Lava Rock, 3/4”	590267
Lava Rock, Tumbled	590268
Fire Glass, Black	590269
Fire Glass, Clear	590270
Fire Glass, Brown	590271
Fire Glass, Dark Blue	590272
Fire Glass, Light Blue	590273
Fire Glass, Gold	590274

Color	KIT P/N
PAINT REPAIR KITS	
Bronze	590307
Pewter	590308
Natural	590309
White	590310
Black	590311



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www.p65warnings.ca.gov. P/N 208174-A

MAGICSTREAM® LAMINARS

REPLACEMENT PARTS

Item	Part No.	Description	US List	Can List
		MAGICSTREAM LAMINARS		
1	590021	Laminar LED light engine w/ Laminar Body (complete) - 100 ft. cord	1802.16	2165.48
1	590123	Laminar LED light engine w/Laminar Body (complete) - 150ft. cord	1904.39	2288.32
4	590024	Laminar housing, no cover	627.50	754.00
5	590025	Laminar cover black [1], with collar	345.09	414.66
6	590026	Laminar cover gray [1], with collar	345.09	414.66
7	590027	Laminar cover tan [1], with collar	345.09	414.66
8	590028	Laminar screen kit	188.15	226.08
9	590029	Laminar union nut kit	118.87	142.83
10	590030	Laminar bracket kit	166.42	199.97
12	590032	Laminar orifice kit	190.22	228.57
		NOT SHOWN		
	590031	Laminar hardware kit (all screws and O-rings)	95.10	114.27
	590100	Laminar water line union kit	32.49	39.04

[1] Includes 1 Matching Trim Ring for Deck Housing.

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www.p65warnings.ca.gov. P/N 2001761-A

NOTES:

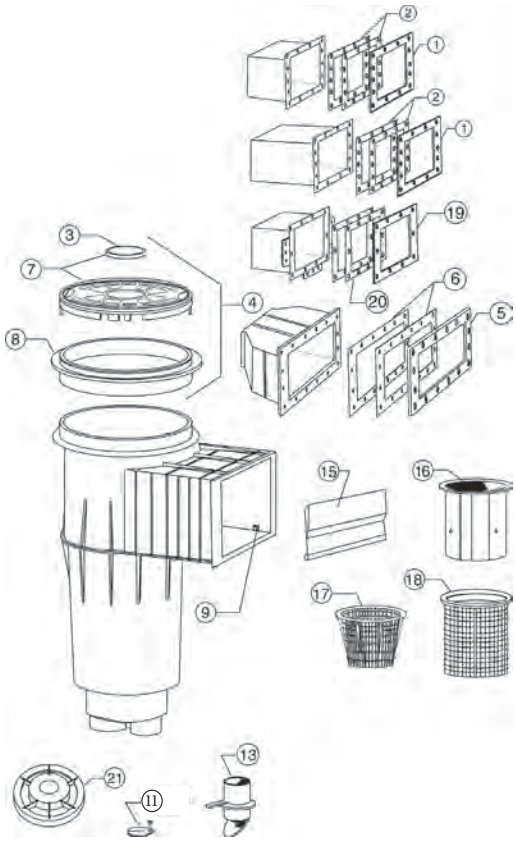
PENTAIR POOL

WHITE GOODS PARTS

Product Catalog 2025–2026

ADMIRAL™ SKIMMERS

REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
		ADMIRAL SKIMMERS		
1	85004200	Frame, sealing liner, white std. 12 hole pattern	33.23	39.93
1	85004211	Frame, sealing liner, black std. 12 hole pattern	33.23	39.93
1	85004213	Frame, sealing liner, gray std. 12 hole pattern	48.11	57.81
2	85001600	Gasket set, liner, std. 12 hole pattern	47.52	57.10
3	510161	Disk, logo	8.06	9.68
4	85000400	Lid/ring seat, complete, white	74.18	89.13
4	85018000	Lid/ring seat, complete, tan	96.37	115.80
5	85007600	Frame, sealing liner, wide mouth, white	CALL	CALL
6	85007700	Gasket, sealing liner, wide mouth (2), white	62.18	74.72
7	85007400Z	Lock down lid, white	56.50	67.89
7	85007411	Lock down lid, black	69.44	83.44
7	85007413	Lock down lid, gray	138.89	166.89
7	85007430	Lock down lid, tan	50.96	61.23
8	85000600	Ring seat only, 9 in. diameter, white	24.54	29.49
9	85017500	Pivot tab for flap weir	1.93	2.32
11	85002400	Trimmer valve plate, residential	8.67	10.42
13	85002600	Vari-flo control insert only	18.75	22.53
15	85001500	Flap weir	47.41	56.97
16	R38013B	Floating weir, circular	25.88	31.10
17	85014500	Basket, tapered	39.73	47.74
17	85014600	Basket, tapered (S-20 Model Only)	21.45	25.77
18	R38013AZ	Basket, for floating weir	39.34	47.27
19	85000300	Frame, liner, American 10 hole pattern	79.30	95.29
20	81111800	Gasket set, large 10 hole pattern, w/ dbl. wall	25.22	30.30
20	81111700	Gasket set, large 10 hole pattern, w/o dbl. wall	25.22	30.30
21	85015200	Equalizer assembly	73.82	88.70
		NOT SHOWN		
	98202600	Screw, sealing [1]	CALL	CALL
	98202700	Screw, sealing [1]	CALL	CALL
	98207200	Screw, sealing [2]	CALL	CALL
	85008500	Screw kit, American 10 hole pattern	CALL	CALL
	355330	O-ring, equalizer	2.83	3.40
	85016600Z	Rubber stopper, flap weir	8.64	10.38
	85007200	Angle bracket	CALL	CALL
	85012800	Track-VF skimmer	CALL	CALL
	85014200	Trimmer, equalizer	CALL	CALL
	85009500	Skimmer Lid (Old Style)	44.14	53.04

[1] Used on skimmers manufactured before 2-1-76.

[2] Used on skimmers manufactured after 2-1-76.

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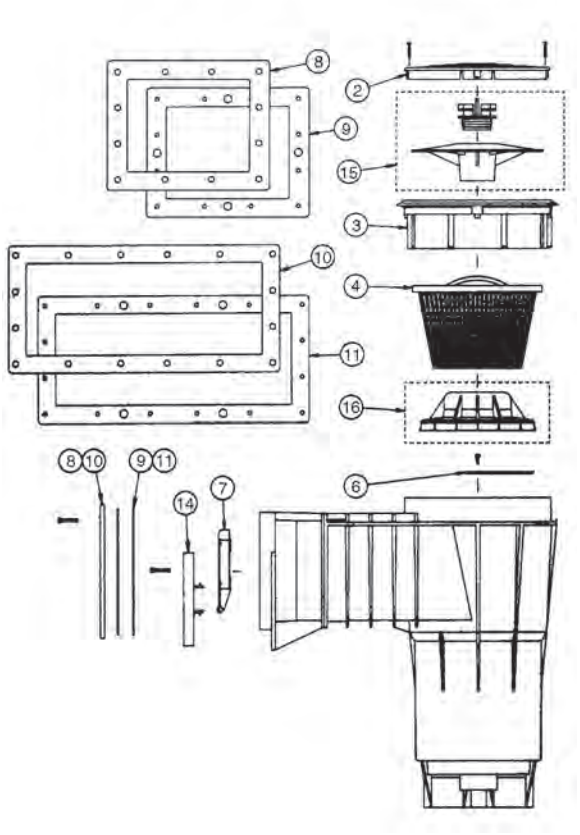
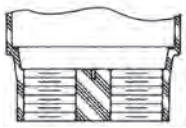
BERMUDA™ SKIMMERS

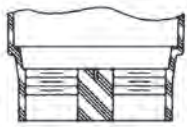
REPLACEMENT PARTS FOR GUNITE & VINYL LINER SKIMMERS

Item	Part No.	Description	US List	Can. List
		BERMUDA SKIMMERS		
2	516215	Deck lid, white	41.81	50.24
2	516216	Deck lid, tan	41.81	50.24
2	516306Z	Deck lid, black	CALL	CALL
3	516259Z	Deck collar, vinyl, white	CALL	CALL
3	516253	Deck collar, gunite, white	36.92	44.36
3	516258Z	Deck collar, gunite, tan	CALL	CALL
3	516329Z	Deck collar, gunite, black	CALL	CALL
4	516112Z	Basket	45.46	54.62
6	516228Z	Trimmer plate	CALL	CALL
7	516252Z	Weir gate assembly, white	34.22	41.12
7	516315Z	Weir gate assembly, black	CALL	CALL
8	516264	Face plate kit, standard throat, white	137.56	165.29
8	516324Z	Face plate kit, standard throat, black	CALL	CALL
9	552566Z	Gasket, standard throat, 2 req.	CALL	CALL
10	516265	Face plate kit, widemouth throat, white	137.05	164.68
10	516318Z	Face plate widemouth, black	CALL	CALL
11	516231Z	Gasket, widemouth throat, 2 req.	CALL	CALL
14	516237Z	Flange spacer, 3 req.	CALL	CALL
		OPTIONS		
15	506161	Vacuum plate assembly	37.50	45.06
16	506160Z	Float valve assembly	CALL	CALL
16	195829Z	2 in. O-ring style plug	13.32	16.01
16	192323	2 in. O-ring for 195829Z plug	10.81	12.99
16	191474	1-1/2 in. O-ring for 191368 plug	1.48	1.78
16	506162Z	Equalizer valve assembly	CALL	CALL
		NOT SHOWN		
	516254Z	Lid/collar set, white	128.26	154.12
	516328Z	Lid/collar set, black	128.26	154.12
	516261Z	Lid/collar set, tan	128.26	154.12

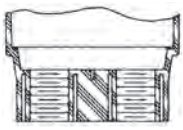




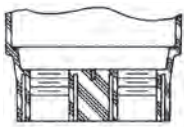
2 in. NPSM Thread



2 in. NPSM Thread
2 in. Slip



1-1/2 in. NPSM Thread



1-1/2 in. NPSM Thread
1-1/2 in. Slip

CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
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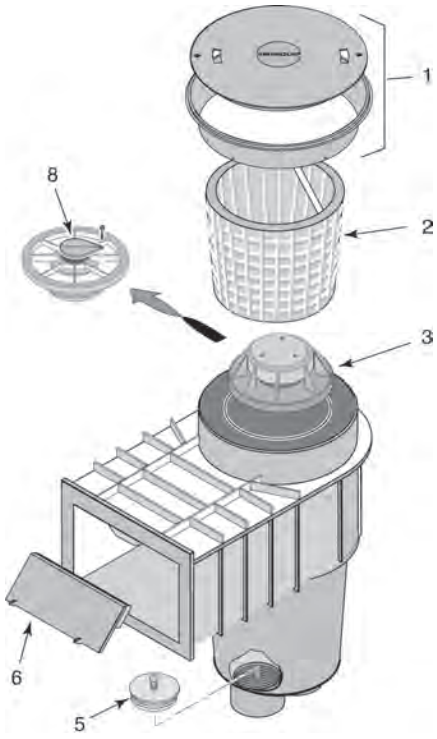
U-3 SKIMMER
REPLACEMENT PARTS

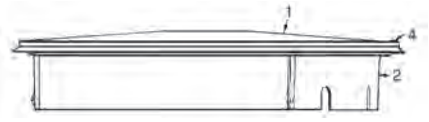
STA-RITE



Item	Part No.	Description	US List	Can List
		U-3 SKIMMER PARTS		
1	08650-0169	Lid and Collar - White (Model 09655-2403, 09655-2404)	44.14	53.04
1	08650-0159	Lid and Collar - Tan (Model 09655-1403, 09655-1404)	53.04	63.73
1	08650-0169C	Lid and Collar (Gray)	40.32	48.45
2	08650-0007Z	Basket and Handle	17.84	21.44
3	08650-0079	Float Assembly with O-Ring [1]	52.29	62.83
5	08655-0017	Check Valve [1]	CALL	CALL
6	08650-0022	Hinged Weir Assembly	40.79	49.01
8	08650-0048Z	Trimmer Plate [1]	9.87	11.86
		NOT SHOWN		
	08650-0018	Weir Bumper	8.72	10.48
	08650-0067	Basket Handle Only	15.44	18.55
	U78-820PZ	Reducer, 2 x 1-1/2 in. NPT (Model 09655-1403, 09655-2403)	CALL	CALL
	37416-0005	Screw, #12-14 x 1-1/2 in. Flat Head (Model 09655-1403)	CALL	CALL
	U36-105SS	Nut, Hex #10-24 [2]	CALL	CALL
	WC2-8P	Face Plate [2]	46.45	55.81
	09655-0010	Skimmer Spacer Block [2]	CALL	CALL
	08650-0042	Vacuum Plate [1]	37.82	45.44
	WC37-503P	Skimmer Extension Collar [2]	51.80	62.24

[1] For use on Residential U-3 Skimmer Models. Must purchase if skimmer does not come with a float.

[2] For Use on Vinyl Liner Skimmers.



Item	Part No.	Description	US List	Can. List
		U-3 SKIMMER LIDS AND COLLARS		
1	08650-0058	Lid Only (White)	36.64	44.03
1	08650-0158	Lid Only (Tan)	36.64	44.03
1	08650-0058C	Lid Only (Gray)	37.73	45.34
2	08650-0025	Collar Only (White)	35.70	42.90
2	08650-0125	Collar Only (Tan)	35.70	42.90
2	08650-0025C	Collar Only (Gray)	CALL	CALL

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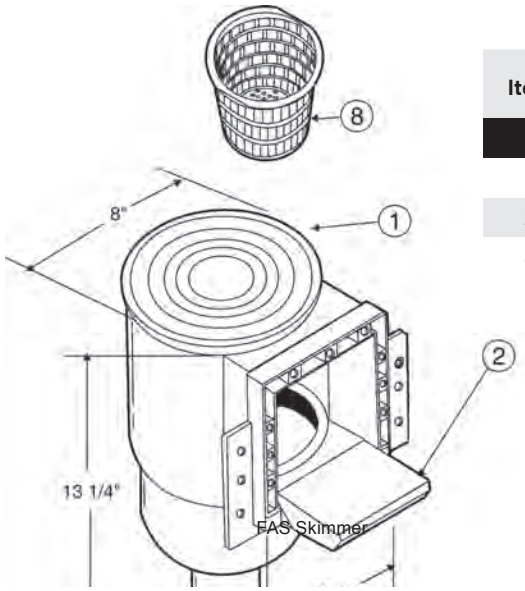
SKIMMERS FOR ABOVEGROUND POOLS

REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
		FAS 100® SKIMMERS		
1	85004700	Lid for optional top access	24.40	29.32
2	85003200	Flap weir	58.45	70.23
8	85003900	Basket	22.82	27.42

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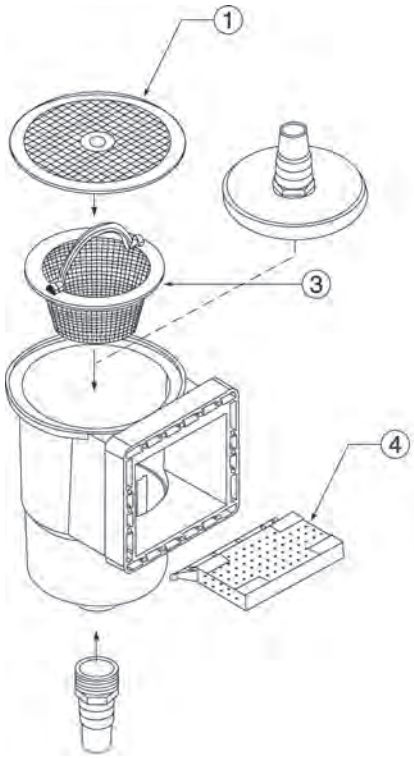
HYDROSKIM SKIMMERS

REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
		HYDROSKIM SKIMMERS		
1	513333	Lid, white	7.78	9.35
3	513330	Basket	7.78	9.35
4	513352	Weir door	7.78	9.35

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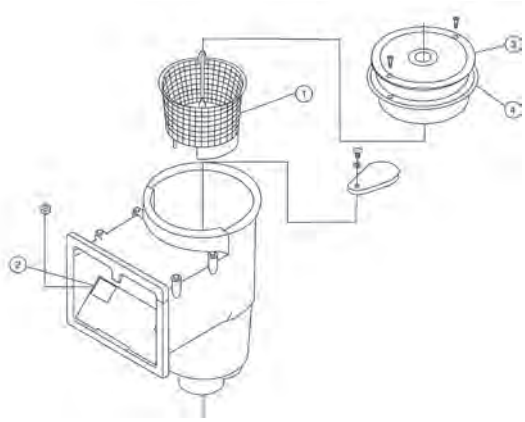
SKIMCLEAN™ SKIMMERS

REPLACEMENT PARTS

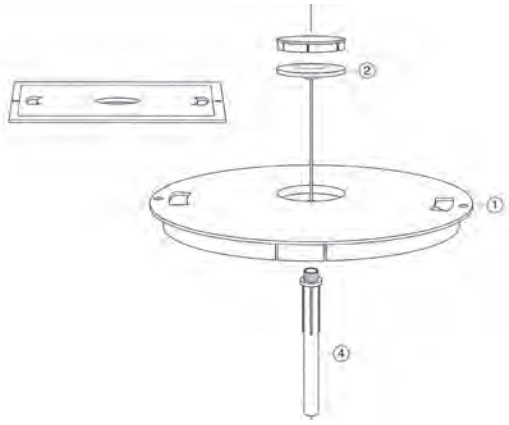
Item	Part No.	Description	US List	Can. List
		SKIMCLEAN SKIMMERS		
1	513036	Basket	57.19	68.72
2	513027	Weir	39.71	47.72
3	513030	Deck lid	45.04	54.12
4	513031	Deck ring	34.09	40.96



SKIMMER LID WITH THERMOMETER

REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
		SKIMMER LID		
1	L1RW	SwimQuip, Swimrite, Jacuzzi®, New Style Hayward®, 9-7/8 in., white	CALL	CALL
1	L2R	Baker Hydro®, 9-7/8 in., white	CALL	CALL
1	L4RW	American Products, 9-3/16 in. round, white	CALL	CALL
1	L5R	PacFab™, Old Style, 8-3/8 in., white	CALL	CALL
2	SK	Thermometer w/ bushing	96.12	115.50
2,4	SKR	Thermometer w/ tube & bushing	115.59	138.89



Jacuzzi® is a registered trademark of Jacuzzi, Inc.

Hayward® is a registered trademark of Hayward Industries, Inc.

Baker Hydro® is a registered trademark of Waterco USA DBA Baker Hydro Corp.

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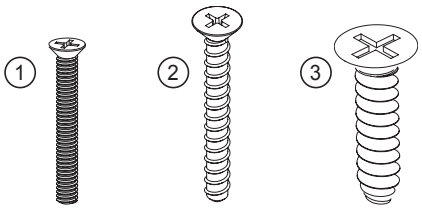
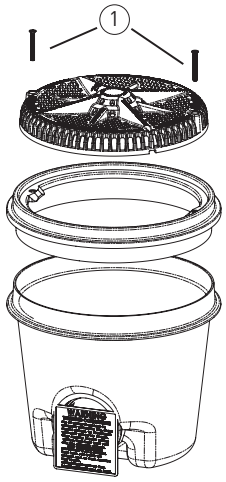
STARGUARD® MAIN DRAINS

REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
STARGUARD MAIN DRAINS				
1	510543Z	Kit includes 2 screws	6.37	7.65
2	510583Z	Kit includes 2 screws	11.11	13.35
3	510592Z	Kit includes 8 screws	22.36	26.87
4	07017-0079	Gasket	28.73	34.52
5	500135	Vinyl ring and gasket kit	CALL	CALL

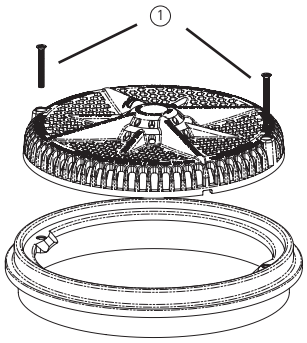


500110-500120



500100-
500109

500140-
500149



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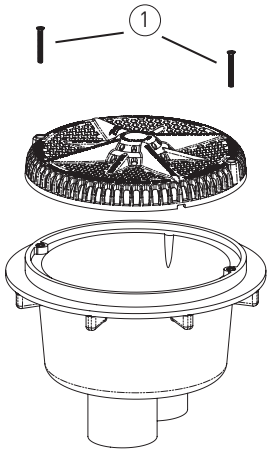
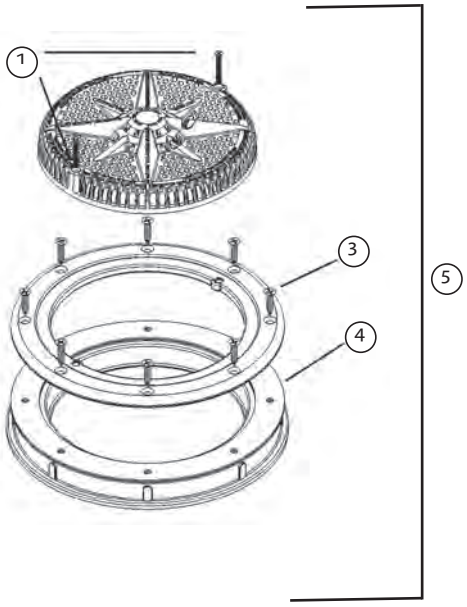


500135



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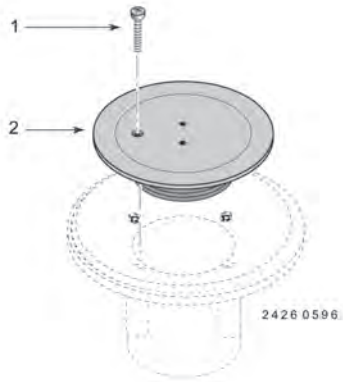
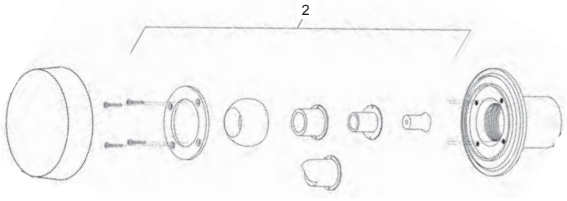
ADJUSTABLE FLOOR INLET FITTING



Item	Part No.	Description	Qty	US List	Can. List
FLOOR INLET RETURN FITTING					
1	37207-0430	Screw, No. 8 x 1 in., SS	1	5.86	7.04
2	08417-0005	Cover plate, white [1]	1	44.05	52.93
2	08417-0005B	Cover plate, gray [1]	1	44.05	52.93
2	08417-0005C	Cover plate, black [1]	1	44.05	52.93

[1] To be used only as floor inlet fitting(s).

POOL INLETS



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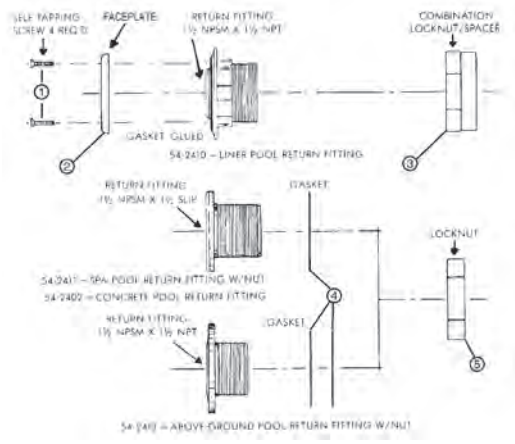
Item	Part No.	Description	Qty.	US List	Can. List
EYEBALL INLETS					
2	08428-0001	Inlet Eyeball Kit, white, includes: Screw, No. 8, 32 x 1/2 in.; Face plate; Ball; nozzle - 3/4 in.; Right angle nozzle; Nozzle - 1/2 in.; Nozzle - 3/16 in.	1	CALL	CALL
2	08428-0001B	Inlet Eyeball Kit, gray, includes: Screw, No. 8, 32 x 1/2 in.; Face plate; Ball; nozzle - 3/4 in.; Right angle nozzle; Nozzle - 1/2 in.; Nozzle - 3/16 in.	1	56.64	68.06
NOT SHOWN					
	08428-0125	Eyeball inlet kit	1	33.28	39.99

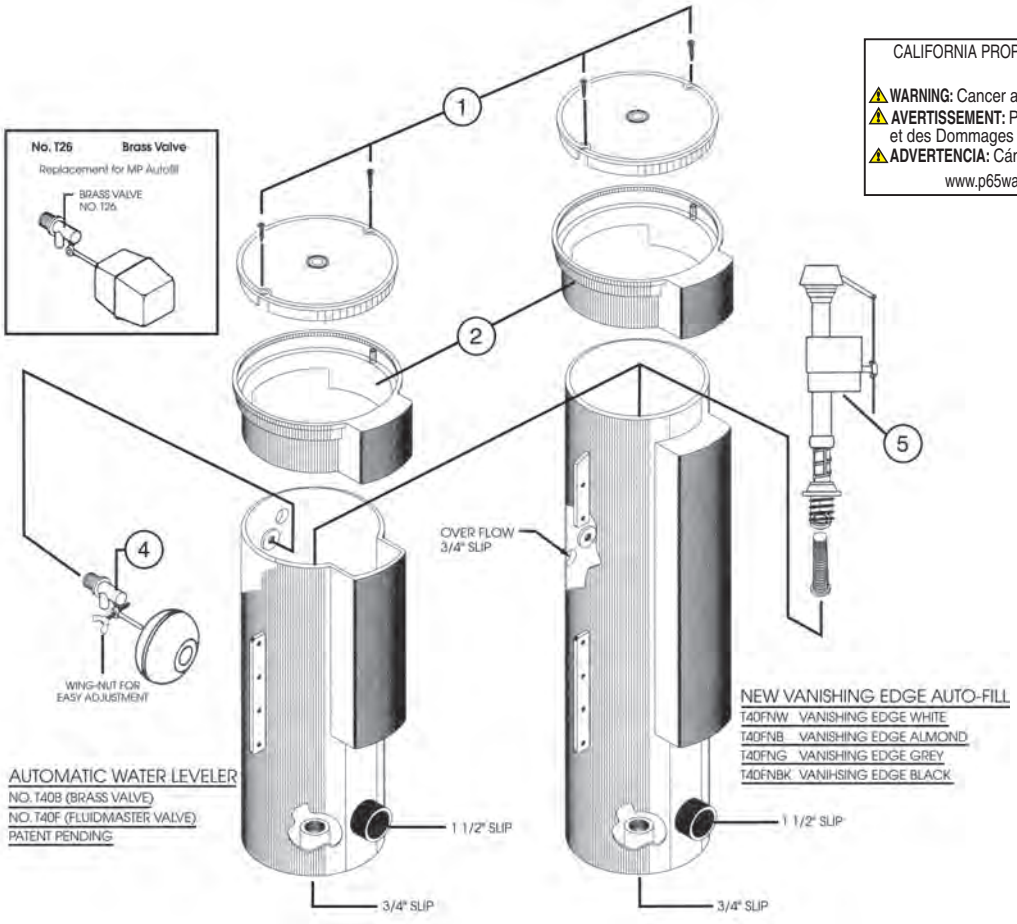
WALL FITTINGS



Item	Part No.	Description	US LIst	Can. List
WALL FITTINGS				
2	545100	Face plate, white for 542410 / 86205100	2.15	2.58
2	545101	Face plate, black for 542420 / 86205101	3.12	3.75
2	545103	Face plate, gray for 86205103	2.15	2.58
4	552496	Cork gasket	1.68	2.02
4	552406Z	Gasket, 2 req.	2.16	2.60
5	154412	Locknut	15.71	18.88

AUTOMATIC WATER FILLERS

REPLACEMENT PARTS

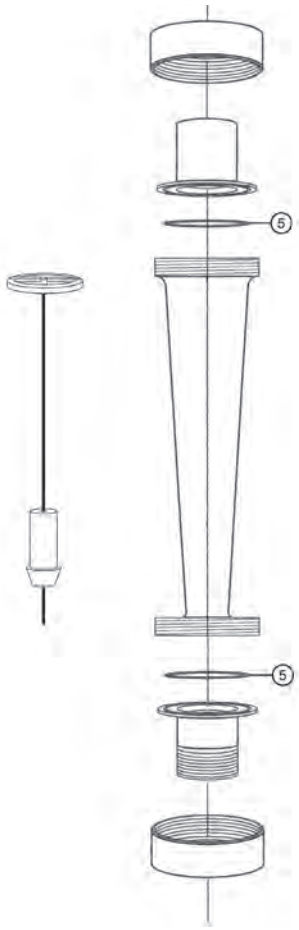


Item	Part No.	Description	US List	Can. List
		AUTOMATIC WATER FILLERS		
1	T10W	AutoFill lid, with screws, white	28.47	34.21
1	T10B	AutoFill lid, with screws, almond	28.47	34.21
1	T10G	AutoFill lid, with screws, gray	28.47	34.21
1	T10BK	AutoFill lid, with screws, black	28.47	34.21
	T10DG	Autofill lid with screws, dark gray	28.46	34.20
2	T16W	AutoFill top ring, white	31.21	37.50
2	T16B	AutoFill top ring, almond	31.21	37.50
2	T16G	AutoFill top ring, gray	31.21	37.50
2	T16BK	AutoFill top ring, black	31.21	37.50
	T16DG	Autofill top ring, dark gray	31.21	37.50
4	T26	Brass valve	85.54	102.78
4	261058	Plastic valve	58.72	70.56
5	T29	Fluidmaster® valve	51.85	62.30
		NOT SHOWN		
	370006	T-40 FW Parts Bag	110.29	132.52
	T6EXT	6 in. extension for Fluidmaster valve	CALL	CALL

Fluidmaster® is a registered trademark of Fluidmaster, Inc.

FLOWMETERS
MADE FOR LIQUID APPLICATIONS

REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
		FLOWMETERS		
5	FSO	O-ring, small	4.73	5.68
5	FLO	O-ring, large	4.35	5.23

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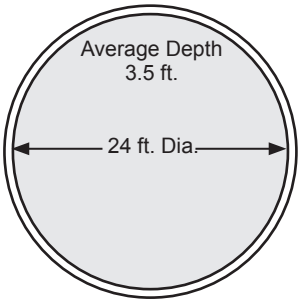
PENTAIR POOL

ENGINEERING DATA

Product Catalog 2025–2026

ENGINEERING DATA

ESTIMATING TOTAL GALLONS IN A POOL OR SPA



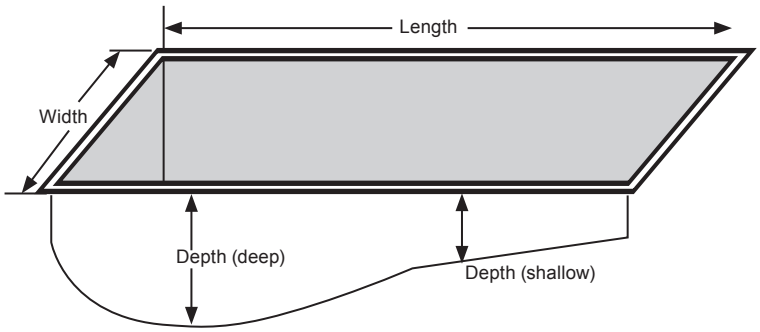
Radius^2 x 3.14 x A.D. x 7.5 = Gallons

12 x 12 x 3.14 x 3.5 x 7.5 = 11,869 Gals.

Dia. x Dia. x Av Dp x 5.9 = Gallons

24 x 24 x 3.5 x 5.9 = 11,894 Gals.

Gal.cu.ft.	
Rectangle:	7.5
Oval:	6.7
Kidney:	7.0

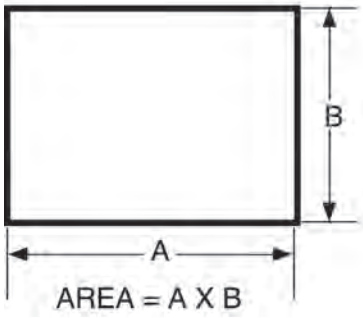


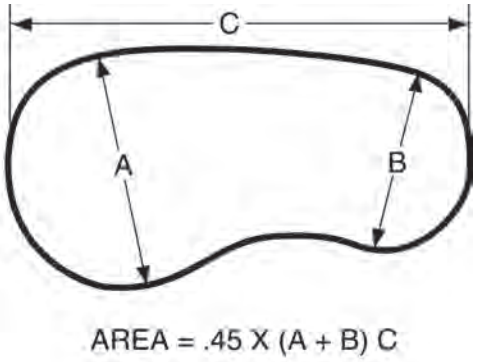
Formula A: Length X Width X Average Depth X Gal.cu.ft. = Gallons

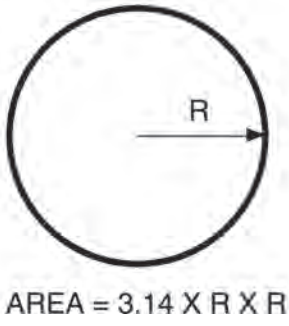
Example:

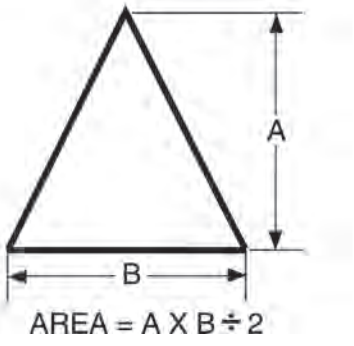
Pool Length	=	40 ft.
Pool Width	=	20 ft.
Shallow Depth	=	3 ft.
Deep Depth	=	+8 ft.
Total Depth	=	11 ft.

Using formula A: 40 X 20 = 800 sq. ft., 800 X 5.5 = 4,400 cubic ft., 4,400 X 7.5 = 33,000 gallons









The area in square feet for pools and spas can be determined by using one or more of the above formulas.

ENGINEERING DATA

UNITS OF MEASURE

UNITS OF LENGTH

UNIT	INCH	FOOT	YARD	METER
INCH	1.0	.0833	.0278	.0254
FOOT	12.0	1.0	.333	.305
YARD	36.0	3.0	1.0	.9144
METER	39.37	3.281	1.094	1.0

UNITS OF AREA

UNIT	SQUARE INCH	SQUARE FOOT	SQUARE YARD	SQUARE METER
SQUARE INCH	1.0	.00694	.000772	.000645
SQUARE FOOT	144.0	1.0	.1111	.0929
SQUARE YARD	1,296.0	9.0	1.0	.836
SQUARE METER	1,550.0	10.76	1.196	1.0

UNITS OF VOLUME

UNIT	U.S. GALLON	IMPERIAL GALLON	CUBIC FEET	POUNDS OF WATER	CUBIC METERS
U.S. GALLON	1.0	.833	.1337	8.33	.003785
IMPERIAL GALLON	1.2	1.0	.1605	10.0	.004546
CUBIC FEET	7.481	6.232	1.0	62.37	.0283
POUNDS OF WATER	.12	.09996	.0160	1.0	.00045
CUBIC METERS	264.2	220.0	35.31	2,204.0	1.0

UNITS OF FLOW

UNIT	U.S. G.P.M.	IMPERIAL G.P.M.	CUBIC FEET/ SECOND	CUBIC FEET/HOUR	LITERS/ SECOND
U.S. G.P.M.	1.0	.833	.00223	8.02	.0631
IMPERIAL G.P.M.	1.2	1.0	.00268	9.63	.0757
CUBIC FT. PER SECOND	448.8	374.0	1.0	3.600	28.32
CUBIC FT. PER HOUR	.1247	.104	.00028	1.0	.0078
LITERS PER SECOND	15.85	13.21	.0353	127.13	1.0

ENGINEERING DATA

UNITS OF MEASURE

UNITS OF PRESSURE

UNIT	INCHES OF WATER	FEET OF WATER	POUNDS PER SQUARE INCH	INCHES OF MERCURY
INCHES OF WATER	1.0	.0833	.0361	.0736
FEET OF WATER	12.0	1.0	.433	.883
POUNDS PER SQUARE INCH	27.72	2.31	1.0	2.04
INCHES OF MERCURY	13.596	1.133	.4906	1.0

PRESSURE AND EQUIVALENT FEET HEAD OF WATER

$$H = \frac{\text{pressure (psi) x } 144}{62.4}$$

Lbs. per Sq. In.	Feet Head	Lbs. per Sq. In.	Feet Head	Lbs. per Sq. In.	Feet Head	Lbs. per Sq. In.	Feet Head
1	2.31	20	46.18	120	276.42	225	519.23
2	4.62	25	57.72	125	288.46	250	576.92
3	6.93	30	69.27	130	300.00	275	634.62
4	9.24	40	92.36	140	323.08	300	692.31
5	11.54	50	115.38	150	346.15	325	750.00
6	13.85	60	138.46	160	369.23	350	807.69
7	16.16	70	161.53	170	392.31	375	865.38
8	18.47	80	184.62	180	415.38	400	923.08
9	20.78	90	207.69	190	438.46	500	1153.85
10	23.09	100	230.77	200	461.54	1000	2307.69
15	34.63	110	253.85				

ENGINEERING DATA

UNITS OF MEASURE

EQUIVALENT VALUES OF PRESSURE 1 in. of Mercury (hg) = 1.13 ft. of water

Inches of Mercury	Feet of Water	Pounds per Sq. In.	Inches of Mercury	Feet of Water	Pounds per Sq. In.	Inches of Mercury	Feet of Water	Pounds per Sq. In.
1	1.13	0.49	11	12.45	5.39	21	23.78	10.3
2	2.26	0.98	12	13.57	5.87	22	24.88	10.8
3	3.39	1.47	13	14.70	6.37	23	26.00	11.28
4	4.52	1.95	14	15.82	6.86	24	27.15	11.75
5	5.65	2.44	15	16.96	7.35	25	28.26	12.25
6	6.78	2.93	16	18.09	7.84	26	29.40	12.73
7	7.91	3.42	17	19.22	8.33	27	30.52	13.23
8	9.04	3.91	18	20.35	8.82	28	31.65	13.73
9	10.17	4.40	19	26.47	9.31	29	32.80	14.22
10	11.30	4.89	20	22.60	9.80	29.929	33.947	14.6969

WEIGHT
1 U.S. GALLON OF WATER = 8.33 LBS.
1 CUBIC FOOT OF WATER = 62.35 LBS.
1 KILOGRAM (LITRE) = 2.2 LBS.
1 IMPERIAL GALLON = 10.0 LBS.

CURRENT CAPACITY (AMPS) OF WIRE *
Three wires in cable, ambient temp. 86°F

WIRE SIZE	AMPERES	
	COPPER	ALUMINIUM
14	20	–
12	25	20
10	30	25
8	40	30
6	55	40
4	70	55
3	85	65
2	95	75
1	110	85
0	125	100

* Wire size is minimum for amperes listed.

EFFICIENCY	
EFFICIENCY	POWER OUTPUT / POWER INPUT
MOTOR EFFICIENCY	HP OUTPUT / K.W. INPUT
PUMP EFFICIENCY	G.P.M x TOTAL HEAD (F.T.) / 3960 x BHP
OVERALL PLANT EFFICIENCY (OPE)	G.P.M x TOTAL HEAD (F.T.) / 5310 x K.W. INPUT

Amperage =	Watts / Volts
Watts =	Volts x Amperage
WHP =	Water Horsepower (output HP of pump) = g.p.m x total head / 3960
HP input (to motor) =	KW input x 1.341
Total Head =	Discharge head + Pumping water level (ft)
Discharge Head =	Discharge Pressure (PSI) x 2.31 ft. of head

ENGINEERING DATA

HEATER SIZING INFORMATION

Pool heaters can be sized by the volume method for maintenance heating or for spot heating. For many days during the swimming season, the sun maintains a desirable pool temperature of 78–80°F. and the pool requires no supplemental heating. However, during cooler periods a pool will usually lose 2–4°F. per day.

To get the water to the desired temperature, you could choose a smaller heater and run it during the daily filter cycle of 4–6 hours every day. This would be sufficient to overcome a slight temperature drop between filter cycles, but it would mean leaving the heater on every day. If you don't use the pool daily, it's more economical to spot heat the pool, say for the weekend. In this case, you could choose a larger heater which will heat the pool faster, and then can be turned off between uses. With either, maintenance heating or spot heating, you need to determine the size of heater to select and the time it will require to heat the pool.

MASTERTEMP AND MAX-E -THERM MODEL
REQUIRED TO HEAT POOL IN 24 HOURS

Pool Sizing *

°F Temperature Change/24 Hrs.	Pool Volume (Gallons)									
	Model 175	Model 200	Model 250/250HD	Model 300	Model 400/400HD	Model 175	Model 200	Model 250/250HD	Model 300	Model 400/400HD
	Pool Capacity in Gallons					Pool Surface Area in Sq. Ft. at 5.5' Depth				
5	85.210	97,383	121,729	146,075	194,766	2,069	2,364	2,955	3,546	4,727
10	42,605	48,691	60,864	73,037	97,383	1,034	1,182	1,478	1,773	2,364
15	28,403	32,461	40,576	48,692	64,922	690	788	985	1,182	1,576
20	21,303	24,346	30,433	36,519	48,691	517	591	739	887	1,182
25	17,042	19,477	24,346	29,216	29,216	414	473	591	710	945
30	14,201	16,230	20,288	24,345	32,461	345	394	493	591	788
35	12,173	13,912	17,390	20,868	27,824	296	338	423	507	675
40	10,651	12,173	15,216	18,260	24,346	259	295	369	443	591

MASTERTEMP AND MAX-E -THERM MODEL
REQUIRED TO HEAT THE SPA 30°F IN A GIVEN TIME PERIOD

Spa Sizing *

Spa Volume (Gallons)									
Model	200	300	400	500	600	700	800	900	1000
Minutes for 30° F Temperature Rise (Heater Input in 1000 BTU/HR)									
174	21.0	31.0	40.0	50.0	61.0	71.0	81.0	91.0	102.0
200	18.0	27.0	35.0	44.0	53.0	62.0	71.0	80.0	89.0
250/250HD	15.8	23.5	30.8	38.5	46.5	54.3	62.0	70.0	77.8
300	13.5	20.0	26.5	33.0	40.0	46.5	53.0	60.0	66.5
400/400HD	9.0	13.0	18.0	22.0	27.0	31.0	35.0	40.0	44.0

Note: The chart is based on a 30° F (16.6° C temperature rise, discounting losses and only based on heat required to raise temperature in minutes. Two-year limited warranty. See warranty for details.

* ASME models available, Please see your Pentair Aquatic Systems Representative for details.

* For Commercial Heaters 500,000 BTU/hr and over please contact factory for sizing.

TIME IN HOURS POOL & SPA

$$= \frac{\text{Vol. in Gal. x 8.34 lb./gal. x temprise}}{\text{Heater BTUH input x efficiency of heater}}$$

TIME IN MINUTES SPA

$$= \frac{\text{Vol. in Gal. x 8.34 lb./gal. x temprise x 60 min}}{\text{Heater BTUH input x efficiency of heater}}$$

ENGINEERING DATA

HEATER SIZING INFORMATION

ETi 400 ASME HIGH EFFICIENCY HEATER MODEL
REQUIRED TIME TO TEMPERATURE RISE

º F Temperature Rise	Pool Volume (Gallons)									
	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000
	Hours to Reach Temperature									
5	1.08	2.17	3.26	4.34	5.43	6.52	7.60	8.69	9.77	10.86
10	2.17	4.34	6.52	8.69	10.86	13.03	15.20	17.38	19.55	21.72
15	3.25	6.52	9.77	13.03	16.29	19.55	22.80	26.06	29.32	35.58
20	4.35	8.69	13.03	17.38	21.72	26.06	30.41	34.75	39.09	43.44
25	5.43	10.86	16.29	21.72	27.15	32.58	38.01	43.44	48.87	54.30
30	6.52	13.03	19.55	26.06	32.58	39.09	45.61	52.13	58.64	65.16
35	7.60	15.20	22.80	30.41	38.01	45.61	53.21	60.81	68.41	76.02
40	8.68	17.38	26.06	34.75	43.44	52.13	60.81	69.50	78.19	86.88
50	9.77	19.55	29.32	39.09	48.87	58.64	68.41	78.19	87.96	97.73
	10.87	21.72	32.58	43.44	54.30	65.16	76.02	86.88	97.73	108.59

ENGINEERING DATA

HEATER GAS SUPPLY AND PIPE SIZING INFORMATION

When installing any Pentair or Sta-Rite pool or spa heater, it is very important to have the proper amount of gas supplied to all Pentair or Sta-Rite Heaters for pools. Below, for your information, is a table which will assist you in selecting the correct size of piping for the installation.

When installing any gas appliance, it is very important to have the proper size gas meter and home pressure regulator installed. Once you have selected the correct size heater for the pool or spa, contact the local utility which supplies the gas and request a field review of the installation and have them install the proper size meter and proper size pressure regulator.

LOW PRESSURE, SINGLE STAGE PIPE SIZING FOR GAS LINE CONNECTIONS

4

Natural gas at 1000 BTU per Cubic Foot

Propane Gas at 2500 BTU per Cubic Foot

MODEL	1/2 in.		3/4 in.		1 in.		1-1/4 in.		1-1/2 in.		2 in.		2-1/2 in.	
	NAT	PRO	NAT	PRO	NAT	PRO	NAT	PRO	NAT	PRO	NAT	PRO	NAT	PRO
100 & 75	20 ft.	50 ft.	50 ft.	150 ft.	150 ft.	600 ft.	-	-	-	-	-	-	-	-
150	10 ft.	40 ft.	50 ft.	150 ft.	150 ft.	600 ft.	-	-	-	-	-	-	-	-
200	-	20 ft.	30 ft.	80 ft.	125 ft.	250 ft.	450 ft.	600 ft.	-	-	-	-	-	-
250	-	10 ft.	20 ft.	50 ft.	70 ft.	150 ft.	250 ft.	500 ft.	600 ft.	-	-	-	-	-
300	-	-	10 ft.	30 ft.	50 ft.	100 ft.	200 ft.	350 ft.	400 ft.	600 ft.	-	-	-	-
350	-	-	10 ft.	20 ft.	30 ft.	70 ft.	125 ft.	250 ft.	250 ft.	500 ft.	500 ft.	-	-	-
400	-	-	-	10 ft.	20 ft.	60 ft.	100 ft.	150 ft.	200 ft.	450 ft.	400 ft.	-	-	-
525	-	-	-	5 ft.	15 ft.	35 ft.	65 ft.	150 ft.	130 ft.	360 ft.	390 ft.	700 ft.	-	-
750	-	-	-	-	-	20 ft.	35 ft.	80 ft.	75 ft.	180 ft.	260 ft.	600 ft.	-	-
900	-	-	-	-	-	15 ft.	20 ft.	45 ft.	45 ft.	100 ft.	150 ft.	360 ft.	400 ft.	-

Gas Pressure	Model	Natural	Propane
		Inches W. C.	
Gas Pressure Requirements Pentair Water Heaters			
Maximum Inlet	CH	10	14
	STD	10	14
	TSI	10	N/A
	LN	10	N/A
Minimum Inlet	CH	6	12
	STD	6	12
	TSI	4	N/A
	LN	6	N/A
Manifold	CH	4	11
	STD	4	11
	TSI	2	N/A
	LN	4	N/A

Gas Pressure	Model	Natural	Propane
		Inches W. C.	
Gas Pressure Requirements for MasterTemp, Max-E-Therm and ETi 400 Pentair Water Heaters			
Maximum Inlet	MT	14	14
Minimum Inlet	MT	4	4
Manifold	MT	-0.2 ± 0.1	-0.2 ± 0.1

Gas Pressure	Natural	Propane
	Inches W. C.	
Gas Pressure Requirements for MiniMax 75 & 100 Pentair Water Heaters		
Normal Altitudes (0–2500 ft. above Sea Level)		
Maximum Inlet	10	14
Minimum Inlet	5	12
Normal Manifold	4	11
High Altitudes (2500–7000 ft. above Sea Level)		
Maximum Inlet	10	14
Minimum Inlet	5	12
Normal Manifold	3	7

Note: All readings must be taken while heater is operating. Any adjustments or readings made while heater is off will give incorrect readings and should not be used for evaluation of heater operation.

All Values are +/- 0.2 inch W. C.

ENGINEERING DATA

HEATER GAS SUPPLY AND PIPE SIZING INFORMATION

"RESIDENTIAL" PROPANE GAS 2 STAGE REGULATION

In many Propane gas line installations, the gas supplier and or installer will utilize a two stage regulation process whereby, at the supply tank, they will install the first stage gas regulator, which would be at a higher pressure, usually 10 psi. This higher pressure allows for much longer distance and in a much smaller pipe size. Then, within a short distance from the pool heater, generally around 24 inches, a second regulator, which is the second stage, would be installed and set at the required inlet pressure of the heater.

SEE "GAS PRESSURE REQUIREMENT CHART."

Stage One "High Pressure" Gas Pipe Sizing

10 PSI @ 2500 BTU Per CU. FT.

MAXIMUM EQUIVALENT PIPE LENGTH

Model	0 to 50 Feet	50 to 100 Feet	100 to 150 Feet
75 through 400	1/2 in.	1/2 in.	1/2 in.

Stage Two "Low Pressure" Gas Pipe Sizing

Stage 2 set at 14 in. W.C.

MAXIMUM EQUIVALENT PIPE LENGTH

Model	0 to 10 Feet	10 to 20 Feet
75 through 400	3/4 in.	3/4 in.

"RESIDENTIAL" NATURAL GAS 2 STAGE REGULATION

In many Natural gas line installations, the gas supplier and or installer will utilize a two stage regulation process whereby, at the street's main gas supply, they will install the first stage gas regulator, which would be at a higher pressure. This higher pressure is usually set at 2 psi or 5 psi and can be run for long distances and in a much smaller pipe size. Then, within a short distance from the pool heater, generally around 24 inches, they will install a second regulator, which is the second stage. This second stage regulator would be set at the minimum operating pressure for the heater. For "Natural Gas Pentair Pool Heaters" the minimum is 7 inches W.C.

Stage One "High Pressure" Gas Pipe Sizing

2 PSI @ 1000 BTU Per CU. FT.

MAXIMUM EQUIVALENT PIPE LENGTH

Model	0 to 20 Feet	20 to 90 Feet	90 to 200 Feet
75 through 400	3/4 in.	1 in.	1-1/4 in.

Stage Two "Low Pressure" Gas Pipe Sizing

Stage 2 set at 7 in. W.C.

MAXIMUM EQUIVALENT PIPE LENGTH

Model	0 to 5 Feet	0 to 15 Feet
75 through 300	3/4 in.	1 in.
350 & 400	1 in.	1 in.

Stage One "High Pressure" Gas Pipe Sizing

5 PSI @ 1000 BTU Per CU. FT.

MAXIMUM EQUIVALENT PIPE LENGTH

Model	0 to 50 Feet	50 to 100 Feet	100 to 200 Feet
75 through 400	3/4 in.	3/4 in.	3/4 in.

Stage Two "Low Pressure" Gas Pipe Sizing

Stage 2 set at 7 in. W.C.

MAXIMUM EQUIVALENT PIPE LENGTH

Model	0 to 5 Feet	0 to 15 Feet
75 through 300	3/4 in.	1 in.
350 & 400	1 in.	1 in.

ENGINEERING DATA

BLOWER SIZING

HORSEPOWER

To Get This	Divide This	By This
Horsepower	Kwatts	0.746
Horsepower	Watts	746
Horsepower	Torque (ft. lbs.) X RPM	33000
Horsepower	Torque (ft. lbs.) X RPS	550
Horsepower required to pump water at a given rate to a given Height, assuming 100% eff. AKA Water Horsepower	GPM x TDH (ft.)	3960
	GPH X TDH (psi)	103000
Brake HP	Water HP	Pump eff.

AIR BLOWER SIZING GUIDE

BLOWER MOTOR SIZE	VOLTS	AMPS	MAXIMUM INCHES OF WATER DEPTH	JETS ONLY RECOMMENDED NUMBER OF JETS
1 HP	120V	6.6	35 in.	5–10
1-1/2 HP	120V	7.4	45 in.	9–15
2 HP	120V	9.3	55 in.	12–17
1 HP	240V	3.9	30 in.	4–9
1-1/2 HP	240V	4.3	40 in.	8–13
2 HP	240V	5.0	50 in.	12–17

BLOWER SIZING FORMULA	
Measure total depth of water in spa (not total spa depth)	
Add - 1 in. water for each 10 ft. of 2 in. air pipe	Add 1/2 in. water for each 90 deg. 2 in. elbow
Compare your total with maximum inches of water column and select that size or the next size higher blower than your total, in your selected voltage.	
The number of holes in the air channel (both floor and seat) should be approximately 1.6 sq. in. total plus or minus .5	
1/8 in. hole = .0123 sq. in.	3/16 in. hole = .0276 sq. in.
5/32 in. hole = .0192 sq. in.	1/4 in. hole = .0491 sq. in.

ENGINEERING DATA, FRICTION FLOW

FRICTION/FLOW CHART FOR SCHEDULE 40 RIGID PVC PIPE*

U.S. Gal.per min.	3/4 in. pipe		1 in. pipe		1-1/4 in. pipe		1-1/2 in. pipe		2 in. pipe		2-1/2 in. pipe		3 in. pipe		4 in. pipe		5 in. pipe		6 in. pipe		U.S. Gal.per min.
	Velocity feet per second	Loss in feet	Velocity feet per second	Loss in feet	Velocity feet per second	Loss in feet	Velocity feet per second	Loss in feet	Velocity feet per second	Loss in feet	Velocity feet per second	Loss in feet	Velocity feet per second	Loss in feet	Velocity feet per second	Loss in feet	Velocity feet per second	Loss in feet	Velocity feet per second	Loss in feet	
1	.71	.40	.40	.10	0.26	0.03															1
2	1.43	1.44	.80	.35	.51	.12	.36	.05													2
3	2.14	3.05	1.20	.75	.77	.25	.53	.10													3
4	2.85	5.19	1.60	1.28	1.03	.43	.71	.18													4
5	3.56	7.85	2.00	1.94	1.28	.65	.89	.27	.50	.07	.32	.02	.22	.01							5
6	4.28	11.01	2.41	2.71	1.54	.92	1.07	.38	.60	.09	.38	.03	.27	.01							6
8	5.70	18.75	3.21	4.62	2.05	1.56	1.43	.64	.80	.16	.51	.05	.36	.02							8
10	7.13	28.34	4.01	6.99	2.57	2.36	1.78	.97	1.00	.24	.64	.08	.45	.03							10
15	10.69	60.06	6.01	14.81	3.85	5.00	2.67	2.06	1.50	.51	.96	.17	.67	.07							15
20			8.02	25.24	5.13	8.52	3.56	3.51	2.00	.87	1.28	.29	.89	.12	.50	.03					20
25			10.02	38.16	6.41	12.88	4.45	5.31	2.51	1.31	1.60	.44	1.11	.18	.63	.04					25
30			12.03	53.48	7.70	18.06	5.34	7.44	3.01	1.83	1.92	.62	1.34	.26	.75	.06	.48	.02			30
35					8.98	24.03	6.24	9.89	3.51	2.44	2.24	.82	1.56	.34	.88	.08	.56	.03			35
40					10.26	30.77	7.13	12.67	4.01	3.13	2.57	1.06	1.78	.43	1.00	.11	.64	.04			40
45					11.54	38.27	8.02	15.76	4.51	3.89	2.89	1.31	2.00	.54	1.13	.13	.72	.05			45
50					12.83	46.51	8.91	19.16	5.01	4.72	3.21	1.60	2.23	.66	1.25	.16	.80	.05	.56	.02	50
60							10.69	26.85	6.01	6.62	3.85	2.24	2.67	.92	1.50	.23	.96	.08	.67	.03	60
70									7.01	8.81	4.49	2.98	3.12	1.23	1.75	.30	1.12	.10	.78	.04	70
80									8.02	11.28	5.13	3.81	3.56	1.57	2.00	.39	1.28	.13	.89	.05	80
90									9.02	14.03	5.77	4.74	4.01	1.95	2.25	.48	1.44	.16	1.00	.07	90
100									10.02	17.06	6.41	5.76	4.45	2.37	2.51	.59	1.60	.20	1.11	0.08	100
125											8.02	8.71	5.57	3.59	3.13	.88	2.00	.30	1.39	.12	125
150											9.62	12.20	6.68	5.03	3.76	1.24	2.41	.42	1.67	.17	150
175													7.79	6.69	4.38	1.65	2.81	.56	1.95	.23	175
200													8.91	8.56	5.01	2.11	3.21	.71	2.23	.29	200
225													10.02	10.65	5.64	2.63	3.61	.89	2.51	.37	225
250													11.13	12.95	6.26	3.19	4.01	1.08	2.78	.44	250
275															6.89	3.81	4.41	1.29	3.06	.53	275
300															7.52	4.48	4.81	1.51	3.34	.62	300
325															8.14	5.19	5.21	1.75	3.62	.72	325
350															8.77	5.95	5.61	2.01	3.90	.83	350
375															9.39	6.77	6.01	2.28	4.18	.94	375
400															10.02	7.63	6.41	2.57	4.45	1.06	400
425																	6.81	2.88	4.73	1.19	425
450																	7.22	3.20	5.01	1.32	450
475																	7.62	3.54	5.29	1.46	475
500																	8.02	3.89	5.57	1.60	500
550																	8.82	4.64	6.12	1.91	550
600																	9.62	5.46	6.68	2.25	600
650																			7.24	2.61	650
700																			7.79	2.99	700
750																			8.35	3.40	750
1000																			11.13	5.79	1000

* Friction loss of water in feet per 100 feet length of pipe. Based on Williams & Hazen formula using constant 150.

* Recommended operating flow velocities indicated by boxed areas.

NOTES:

NOTES:

PENTAIR
POOL

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