

HOOD INFORMATION - Job#4308263

HOOD NO.	TAG	MODEL	LENGTH	MAX. COOKING TEMP.	TYPE	APPLIANCE DUTY	DESIGN CFM/FT	TOTAL EXH. CFM	EXHAUST PLENUM RISER(S)				TOTAL SUPPLY CFM	HOOD CONSTRUCTION	HOOD END TO END	HOOD CONFIG.	
									WIDTH	LENG.	HEIGHT	DIA.					
1		4812 AH-SND-2-PSP-F	9' 0"	600 Deg	I	Heavy	294	2646	10'	25"	4"	2646	1524	-0.875"	1852	304 SS Where Exposed	ALDNE

HOOD INFORMATION

HOOD NO.	TAG	TYPE	FILTER(S)				LIGHT(S)				UTILITY CABINET(S)				FIRE SYSTEM	HOOD HANGING WT
			QTY	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	QTY	TYPE	WIRE GUARD	LOCATION	SIZE	FIRE SYSTEM	SIZE	MODEL #		
1		Captrate Solo Filter	6	20"	16"	85% See Filter Spec.	5	Recessed	ND						ND	449 LBS

PERFORATED SUPPLY PLENUM(S)

HOOD NO.	TAG	POS.	LENGTH	WIDTH	HEIGHT	TYPE	RISER(S)			S.P.
							WIDTH	LENG.	DIA.	
1		Front	108"	16"	6"	MUA	12"	24"	617	0.171"
						MUA	12"	24"	617	0.171"
						MUA	12"	24"	617	0.171"

CAPTIVE-AIRE HOODS ARE BUILT IN COMPLIANCE WITH UL 710 AND NFPA 96 AND ARE RECOGNIZED BY ONE OR MORE OF THE FOLLOWING:

ETL SANITATION LISTED
ETL LISTED FILE# 3054804-001

SPECIFICATION: CAPTRATE® GREASE-STOP® SOLID FILTER

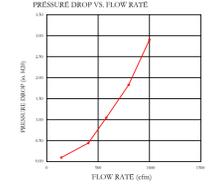
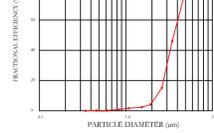
THE CAPTRATE GREASE-STOP SOLID FILTER IS A SINGLE-STAGE FILTER FEATURING A UNIQUE S-Baffle DESIGN IN CONJUNCTION WITH A SLOTTED REAR Baffle DESIGN, TO DELIVER EXCEPTIONAL FILTRATION EFFICIENCY.

FILTER IS STAINLESS STEEL CONSTRUCTION, AND SIZED TO FIT INTO STANDARD 2-INCH DEEP HOOD CHANNEL(S).

UNITS SHALL INCLUDE STAINLESS STEEL HANDLES AND A FASTENING DEVICE TO SECURE THE TWO COMPONENTS WHEN ASSEMBLED.

GREASE EXTRACTION EFFICIENCY PERFORMANCE SHALL REMOVE AT LEAST 75% OF GREASE PARTICLES FIVE MICRONS IN SIZE, AND 85% GREASE PARTICLES SEVEN MICRONS IN SIZE AND LARGER, WITH A CORRESPONDING PRESSURE DROP NOT TO EXCEED 1.0 INCHES" OF WATER GAUGE.

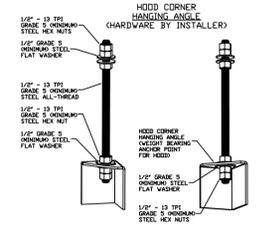
THE CAPTRATE GREASE-STOP SOLID WAS TESTED TO ASTM STANDARD ASTM F2519-05. MANUFACTURER APPROVED FOR USE IN SOLID FUEL APPLICATIONS AS A SPARK ARRESTER.



EFFICIENCY VS. PARTICLE DIAMETER

PRESSURE DROP VS. FLOW RATE

CAPTRATE FILTERS ARE BUILT IN COMPLIANCE WITH:
NFPA 96
NSF STANDARD #2
UL STANDARD #1046
INT. MECH. CODE (IMC)
ULC-5649



ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD, SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH HOOD HANGING ANGLES AND ABOVE CEILING ANCHORS. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.

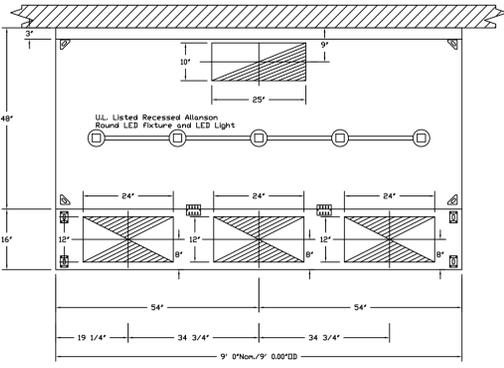
REVISIONS

NO.	DESCRIPTION	DATE
1		
2		
3		

CAPTIVE
Advanced Hoods Systems, LLC
www.captivehoods.com
FL PHONE: EMAIL: jph@captivehoods.com

ANDAZ
Beach Bar & Restaurant
Providenciales T&C

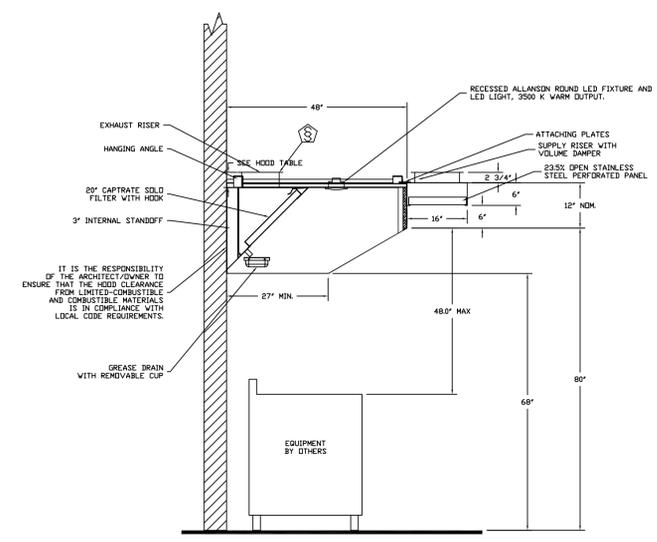
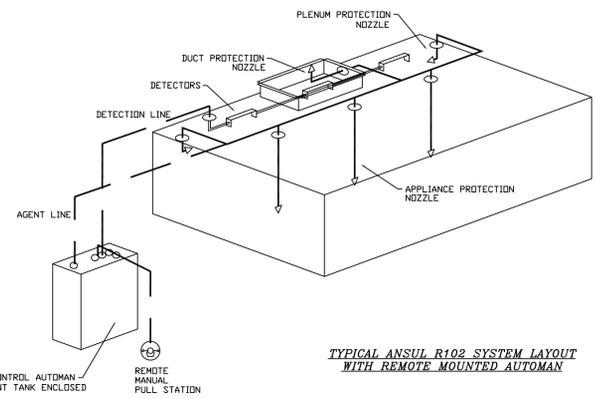
uni-source SUPPLY
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PLAN VIEW - Hood #1
9' 0.00" LONG 4812AH-SND-2-PSP-F

Fire System Information - Job#4308263

FIRE SYSTEM NO.	Tag	TYPE	SIZE	FLDW POINTS	INSTALLATION	
					SYSTEM	LOCATION ON HOOD
1		Ansul R102	3.0	0	Wall Mount Right	N/A



SECTION VIEW - MODEL 4812AH-SND-2-PSP-F
HOOD - #1

ANDAZ PROVO CONTAINER KITCHEN
PROVIDENCIALES, TCI

DATE: 3/26/2020
DWG.#: 4308263
DRAWN BY:
SCALE: 3/4" = 1'-0"
MASTER DRAWING

SHEET NO. 1

11	Moved wall & adj. items after review from Maximo	2-24-25
12	Minor adjustments, added elevations.	2-26-25
13	Minor adjustments from Maximo.	2-28-25
14	Added MEP Equipment Requirements	3-27-25
No.	Revision/Issue	Date

Date
March 27, 2025
Drawn By
Dayne Gauntlett
Scale
NTS

Sheet
BB-6.1