

EXHAUST FAN INFORMATION - JOB#6328705

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	WEIGHT (LBS)	SONES
2	PCU-1	1	AH-SIF24DD	ADVANCED HOOD	3987	2.500	1532	TEFC-PREMIUM	7.500	5.1250	3	208	20.5	2304	38.1

MUA FAN INFORMATION - JOB#6328705

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	BLOWER	HOUSING	MIN CFM	DESIGN CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	NCA	MDCP	WEIGHT (LBS)	SONES
1	#1.2	1	AH-A2-20D	20MF-2-MOD	A2	1500	3190	0.600	1181	DDP-PREMIUM	1.500	0.9740	3	208	6.6	8.3A	15A	446	12.3

FAN #1 AH-A2-20D - SUPPLY FAN (8.2)
 1. UNTEMPERED SUPPLY UNIT WITH 20" MIXED FLOW DIRECT DRIVE FAN IN SIZE #2 HOUSING.
 2. INTAKE KEYS WITH CE FILTERS.
 3. DOWN DISCHARGE - AIR FLOW RIGHT -> LEFT.
 4. DOWN DISCHARGE CONSTRUCTION FOR SIZE #2 UNTEMPERED DIRECT DRIVE AHUS.
 5. FULL CRATING FOR UNTEMPERED FANS FOR SHIPPING.
 6. HINGED DOUBLE WALL INSULATED BODR ASSEMBLY (BURNER/BLOWER SECTION).
 7. 2 YEAR PARTS WARRANTY.

NOTE: SUPPLY DUCT MUST BE INSTALLED TO MEET SMACNA STANDARDS. A MINIMUM STRAIGHT DUCT LENGTH MUST BE MAINTAINED DOWNSTREAM OF UNIT DISCHARGE AS OUTLINED IN AMCA PUBLICATION 201. WHEN USING RECTANGULAR DUCTWORK, ELBOWS MUST BE RADIUS THROAT, RADIUS BACK WITH TURNING VANES. FLEXIBLE DUCTWORK AND SQUARE THROAT/SQUARE BACK ELBOWS SHOULD NOT BE USED. ANY TRANSITION AND/OR TURNS IN THE DUCTWORK WILL CAUSE SYSTEM EFFECT. SYSTEM EFFECT WILL DRAMATICALLY INCREASE STATIC PRESSURE AND REDUCE AIRFLOW. DO NOT RELY ON UNIT TO SUPPORT DUCT IN ANY WAY. FAILURE TO PROPERLY SIZE DUCTWORK MAY CAUSE SYSTEM EFFECTS AND REDUCE PERFORMANCE OF THE EQUIPMENT. SUGGESTED STRAIGHT DUCT SIZE IS 20" X 20".

FAN OPTIONS

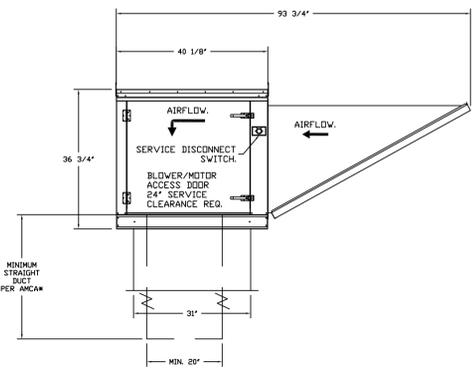
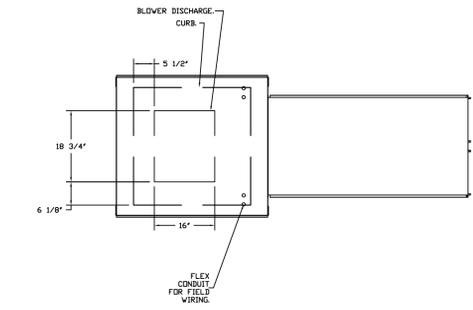
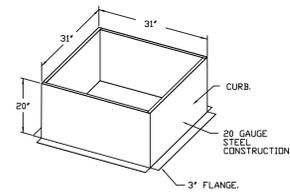
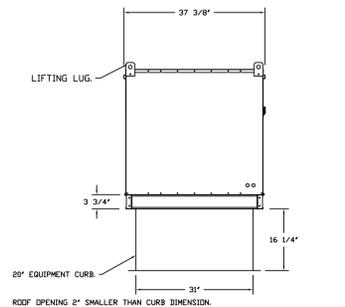
FAN UNIT NO	TAG	QTY	DESCRIPTION
1	#1.2	1	SIZE 2 UNTEMPERED COMMERCIAL DOWN DISCHARGE FOR DIRECT DRIVE AHUS
		1	FULL CRATING FOR UNTEMPERED FANS
2	PCU-1	1	2 YEAR PARTS WARRANTY
		1	SIF 24" SS LOW SP STRAIGHT DISCHARGE- SQUARE TO ROUND DISCHARGE ADAPTER
		1	SIF24 - INLET - STANDARD 24" DUCT CONNECTION
		1	PCU-SIZE 5 SIF-24 HESS
		1	OPPOSITE SIDE CONTROLS- SIF
		1	FULL CRATING FOR EXHAUST FANS
		1	POLLUTION CONTROL UNIT WITH PREFILTER, DUAL HIGH EFFICIENCY, AND DDDR CONTROL FILTERS WITH INSTALLED ELECTRICAL DETECTION SYSTEM. SIZE 5
1	2 YEAR PARTS WARRANTY		

FAN ACCESSORIES

FAN UNIT NO	TAG	EXHAUST				SUPPLY		
		GREASE CUP	GRAVITY DAMPER	WALL MOUNT	SIDE DISCHARGE	GRAVITY DAMPER	MOTORIZED DAMPER	WALL MOUNT
1	#1.2							
2	PCU-1							

CURB ASSEMBLIES

NO	ON FAN	TAG	WEIGHT	ITEM	SIZE
1	#1	#1.2	42 LBS	CURB	31.000"W X 31.000"L X 20.000"H



REVISIONS		
NO.	DESCRIPTION	DATE

ADVANCED HOOD SYSTEMS
 Advanced Hood Systems, LLC
 FL PHONE: FAX: 9182278974 EMAIL: shawn@advancedhoodsystems.com

Windward ARC Kitchen - Bahamas
 Hialeah, FL,

DATE: 3/11/2024
 DWG.#: 6328705
 DRAWN BY: jseward
 SCALE: 3/4" = 1'-0"
 MASTER DRAWING

SHEET NO. 5

**Windward ARC
 Kitchen & Bar
 Nassau, Bahamas**



2055 W 73rd Street, Miami, FL 33016
 Ph:(305)826-8696 Fax:(305)826-9131

No.	Revision/Issue	Date
5	Added MEP & Hood Shops	3-12-24
6	Moved Bev Table, adjusted hot line. Added Chef Desk.	4-4-25
7	Changed #9 Refrigerators, moved sink #117	4-20-25
8	Added modifications to #61-#21-#31	01-14-26

Date
Jan 14, 2026
 Drawn By
Dayne Gauntlett
 Scale
NTS

Sheet
FS-6.5