

EXHAUST FAN INFORMATION - JOB#4790090

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	SDNES
1		1	EA-USB118DD-RM	ECON-AIR	3150	1.500	1320	ODP,PREMIUM	2.000	1.3570	3	208	8.3	1615 FPM	400	19.4

MUA FAN INFORMATION - JOB#4790090

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	BLOWER	HOUSING	MIN CFM	DESIGN CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	MCA	MCP	WEIGHT (LBS)	SONES
2		1	EA2-1BT-300-20D	20MF-2-MOD	A2-1BT-300	1200	2520	0.500	1058	DDP, PREMIUM	2.000	0.7620	3	208	6.1	7.7A	15A	1128	8.4

<u>GAS FIRED MAKE-UP AIR UNIT(S)</u>

FAN UNIT NO	TAG	INPUT BTUs	OUTPUT BTUs	TEMP RISE	REQUIRED INPUT GAS PRESSURE	GAS TYPE	BURNER EFFICIENCY(%)
2		239471	191577	63°F	7 IN. W.C. - 14 IN. W.C.	NATURAL	80

FAN OPTIONS

FAN UNIT NO	TAG	QTY	DESCRIPTION
1		1	UTILITY SET GREASE CUP.
		1	B118 - 24" DISCHARGE EXTENSION.
		1	B1 - DISCHARGE ORIENTATION VERTICAL UPPER LEFT - CW INLET SIDE.
		1	UTILITY SET - SPRING VIBRATION ISOLATORS - B118 / EQUIVALENT SIZED UTILITY SET - INDOOR/OUTDOOR USE.
		1	B118 - INLET RING USED TO CONNECT NON-FACTORY DUCT.
2		1	2 YEAR PARTS WARRANTY.
		1	STANDARD ELECTRICAL CONNECTION (MAIN AND CONTROL PANEL) FOR STANDING POWER - SINGLE MODULE. IF A NON-DCV PREWIRE IS USED ON THE IBT HEATER, THE #28, #47, #15, #14, OR #24 OPTION PREWIRE MUST BE SELECTED. DO NOT PROVIDE SUPPLY STARTER IN PREWIRE.
		1	MOTORIZED BACKDRAFT DAMPER FOR A2-I HOUSING. MEETS AMCA CLASS 1A RATING.
		1	INLET PRESSURE GAUGE, 0-35".
		1	MANIFOLD PRESSURE GAUGE, 0 TO 10" WC, 1 FURNACE.
		1	IBT SIZE 1 & 2 SIDE DISCHARGE.
		1	COMMERCIAL SMOKE DETECTOR/ALARM INTERLOCK (SUPPLIED BY OTHERS).
		1	CLOGGED FILTER SWITCH WITH NOTIFICATION ON HMI.
		1	FREEZE/STAT.
		1	SEPARATE 120V WIRING PACKAGE (REQUIRED AND USED ONLY FOR DCV OR PREWIRE WITH VFD) - THREE PHASE ONLY.
		1	2 YEAR ENTIRE UNIT PARTS WARRANTY, 25 YEAR STAINLESS STEEL FURNACE 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		YES						
2					YES		YES	

CURB ASSEMBLIES

NO	DN FAN	WEIGHT	ITEM	SIZE
1	# 1	50 LBS	RAIL	4.000"W X 48.000"L X 18.000"H COMES AS A SET OF 2.
2	# 2	96 LBS	RAIL	6.000"W X 31.000"L X 18.000"H
2	# 2	96 LBS	CURB	31.000"W X 79.000"L X 18.000"H INSULATED.

SYSTEM DESIGN VERIFICATION (SDV)

IF ORDERED, CAS SERVICE WILL PERFORM A SYSTEM DESIGN VERIFICATION (SDV) ONCE ALL EQUIPMENT HAS HAD A COMPLETE START UP PER THE OPERATION AND INSTALLATION MANUAL. TYPICALLY, THE SDV WILL BE PERFORMED AFTER ALL INSPECTIONS ARE COMPLETE.

ANY FIELD RELATED DISCREPANCIES THAT ARE DISCOVERED DURING THE SDV WILL BE BROUGHT TO THE ATTENTION OF THE GENERAL CONTRACTOR AND CORRESPONDING TRADES ON SITE. THESE ISSUES WILL BE DOCUMENTED AND FORWARDED TO THE APPROPRIATE SALES OFFICE. IF CAS SERVICE HAS TO RESOLVE A DISCREPANCY THAT IS A FIELD ISSUE, THE GENERAL CONTRACTOR WILL BE NOTIFIED AND BILLED FOR THE WORK. SHOULD A RETURN TRIP BE REQUIRED DUE TO ANY FIELD RELATED DISCREPANCY THAT CANNOT BE RESOLVED DURING THE SDV, THERE WILL BE ADDITIONAL TRIP CHARGES.

DURING THE SDV, CAS SERVICE WILL ADDRESS ANY DISCREPANCY THAT IS THE FAULT OF THE MANUFACTURER. SHOULD A RETURN TRIP BE REQUIRED, THE GENERAL CONTRACTOR AND APPROPRIATE SALES OFFICE WILL BE NOTIFIED. THERE WILL BE NO ADDITIONAL CHARGES FOR MANUFACTURER DISCREPANCIES.

REVISIONS	
DESCRIPTION	DATE:
△	
△	
△	
△	



Harrison Fire Department
206 Harrison Ave,
Harrison, NY, 10528

DATE: 3/11/2021

DWG.#:
4790090

DRAWN BY:

SCALE:
3/4" = 1'-0'

MASTER DRAWING

SHEET NO.
3

3

DATE: ISSUE

04-21-21

ISSUED FOR BIDDING

SEAL:

SENDLEWSKI ARCHITECTS PC
ARCHITECTS - PLANNERS

PROJECTS - PLANNERS

WAINUKE AVENUE
WHEATHEAD, NY 11901
(631) 727-5352

9 SELENA COURT
WALDEN, NY 12586

(845) 275-8859

HARRISON FIRE DEPT.

PROPOSED ADDITION

206 HARRISON AVE
HARRISON, NY 10528

ADD/ALT KITCHEN EXHAUST SYSTEM SCHEDULES

PROJECT #: 2020-04

DRAWN BY: SEND. ARCH.

CAD FILE: P/2020/HFC
2020-04

DRAWING#:

M-1 1