## FOR QUESTIONS, CALL THE FLO AIRE NATIONAL REGION 22 PHONE: (610) 239-8405 EMAIL: courtney.hardin@floaire.com

MUA FAN INFORMATION - JOB#5934889

U	AN NIT ND	TAG	QTY	FAN UNIT MODEL #	BLOWER	HOUSING	MIN CFM	DESIGN CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	MCA	MOCP	WEIGHT (LBS)	SONES
	1	2000CFM	1	F1-D.250-15D	15MF-1-MOD	A1-D.250	1000	2000	0.500	2079	DDP,PREMIUM	2.000	1.4450	в	208	6.1	9.8A	15A	522	20.9

#### GAS FIRED MAKE-UP AIR UNIT(S)

FAN UNIT ND	TAG	INPUT BTUs	OUTPUT BTUs	TEMP RISE	REQUIRED INPUT GAS PRESSURE	GAS TYPE	BURNER EFFICIENCY(%)	
1	2000CFM	197411	181618	85 <b>°</b> F	7 IN. W.C 14 IN. W.C.	NATURAL	92	

### FAN OPTIONS

FAN UNIT ND	TAG	QTY	DESCRIPTION
		1	SIZE 1 TEMPERED COMMERCIAL DOWN DISCHARGE FOR DIRECT DRIVE AHUS
		1	INLET PRESSURE GAUGE, 0-35'
		1	MANIFOLD PRESSURE GAUGE, -5 TO 15' WC
		1	SHIP LODSE GAS STRAINER 3/4"
		1	MOTORIZED BACKDRAFT DAMPER FOR A1-D HOUSING - MEETS AMCA CLASS 1A RATING
		1	LOW FIRE START
		1	FREEZESTAT (10)
1	2000CFM	1	VAV PACKAGE W/ MANUAL/DDC CONTROL (571 VFD INCLUDED)
		1	VFD FACTORY MOUNTED AND WIRED IN COMMERCIAL CONTROL VESTIBULE FOR TEMPERED SUPPLY FAN
		1	CONTROL PANEL ENCLOSURE HEATER - RECOMMENDED FOR WINTER DESIGN TEMPERATURES LESS THAN 0°F
		1	CONVENIENCE DUTLET (GFCI), 15 AMP - REQUIRES SEPARATE 120V CONNECTION - INCLUDES RECEPTACLE AND J-BOX
		1	2 YEAR PARTS WARRANTY

#### FAN ACCESSORIES

FA		AG		EXHAUST			SUPF	ĽY										
NE			GREASE CUP	GRA∨ITY DAMPER		SIDE DISCHAI	GRA∨ITY DAMPER		IRIZED MPER	WAI MOU								
1	2000	OCFM						Y	'ES									
CUI	RB AS	SEM	BLIES															
ND	DN FAN		TAG		WEIGH	г	ITEM							SIZE				
1	# 1	2	000CFM		63 LB	s	CURB		21.000"	γX	71.000	″L X	16.000 <b>"</b> H	ALON	2 MID.	ГΗ,	RIGHT	INSULATED.

#### FAN SOUND DATA

FAN UNIT	TAG	MOTOR		SOUND DATA					DCTAVE	BAND SOUN	ID DATA			
ND	TAG	MUTUK	LWA	SEINES 19:5 FT	DBA 1915 FT	DISTANCE (FT)	63 HZ	125 HZ	250 HZ	500 HZ	1 KHZ	2 кнг	4 KHZ	8 КНХ
1	2000CFM	SUPPLY	83.3	20.8582134975065	71.8	5	78.2	86.1	83.1	80.9	76.4	74.4	74.1	69.9



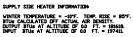
FloAire

JOB 2000cfm** Heater	Stock	
LOCATION Southboroug	р, MA,	
DATE 4/3/2023	JOB #	5934889
DWG # 1	DRAWN	BY courtneyh
REV.	SCALE	3/8'' = 1'-0''

# FAN NI FI-B259-150 - HEATER (2000CTH) 1. DIRECT GAS FRED HEATER MACE UP AIR NITT WITH 15' NIXED FLOW DIRECT DRIVE FAN. 2. DIVAN DISCURRE - AIR FLOW RIGHT -> LEFT. 3. DIVAN DISCURRE - AIR FLOW RIGHT -> LEFT. 5. DIVAN DISCURRE - AIR FLOW RIGHT -> LEFT. 5. DIVANESE GAUGE -> TO +SI DIACTS VC, 2-5' DIAWETER, 1/4' THEAD SIZE. 6. GAS PRESSURE GAUGE -> TO +SI DIACTS VC, 2-5' DIAWETER, 1/4' THEAD SIZE. 6. GAS PRESSURE GAUGE -> TO +SI DIACTS VC, 2-5' DIAWETER, 1/4' THEAD SIZE. 6. GAS PRESSURE GAUGE -> TO +SI DIACTS VC, 2-5' DIAWETER, 1/4' THEAD SIZE. 6. GAS PRESSURE GAUGE -> TO +SI DIACTS VC, 2-5' DIAWETER, 1/4' THEAD SIZE. 6. GAS THEADER TO BE DIACTS UPTING THE BEATER DIATE OF THAT CONNECTION 3'4' CONNECTION S'4' CONNECTION 6. DIA' THE CONST DATE DIA TO BE DIACTS UPTING THE DIATE ONE OF THAT OF THAT DIAL TO AN OF THE DIAL TO AN OF THAT ALLOW FIRE POSITION 10. THE THE STATE. ALLOW FILE ANALY CONNECTION OF THAT DIAL TO AN OF THAT DIAL TO AN OF THE DIAL TO AN OF THAT ALLOW FIRE POSITION 10. THE CONST THAT ALLOW FILE ANALY CONTENT TO DEREGAL THAT TO AN OF THAT DIAL TO AN OF THAT

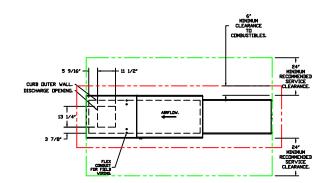
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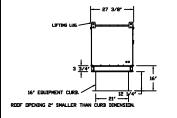
NETG. SUPPLY LICT NEST DE NETALLED TO NET SMOON STANDARS, A NORMA STANDAR JUL LENGT NEST DE NAMTARDED DEVESTREM, PUTT ISSUPARE & DUTLINES IN ARCA PREJUCTION RAL VIEL SUBAR RETANDARDA BULTVORG, ELDOVE NEST DE GANDIS THEORI, ANNUS MAC VITH TURNING VARES, FLOTIBLE DUCTVORK, AND SOLARE THEORISCH DEVEN CE LEDOVE NEST DE NEUES THEORI, ANNUS MAC VITH TURNING VARES, FLOTIBLE DUCTVORK AND SOLARE THEORISCH DEVEN CE DEVEN SHOLD NET RE LEES ANT TANKSTIGNE MAUOUR TURNIS IN THE DUCTVORK VILL CAUSE STRICH FFECT SITE FFECT VILL DI REPERLY SIZE DUCTVORK ANT CAUSE SYSTEM EFFECTS AND REDUCE PERTURNANCE OF THE EQUIPMENT.

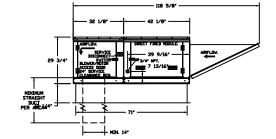




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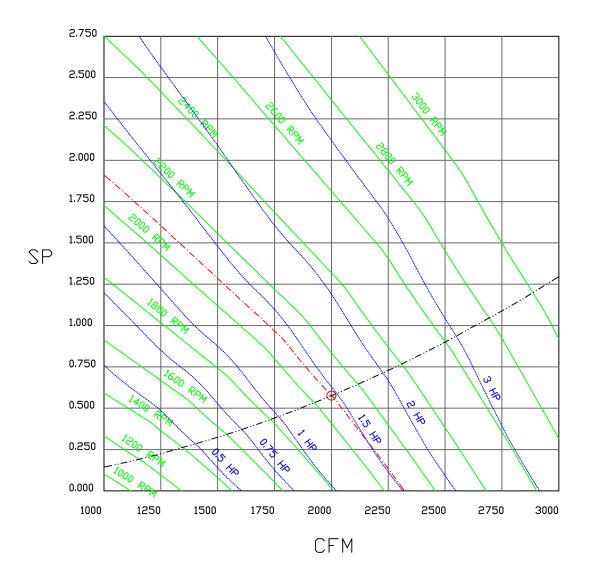


- 20 GAUGE STEEL CONSTRUCTION -3' FLANGE



FloAire

JOB 2000cfm** Heater	Stock
LOCATION Southboroug	рh, MA,
DATE 4/3/2023	<i>JOB #</i> 5934889
DWG # 2	DRAWN BY courtneyh
REV	SCALE = 3/16'' = 1'-0''

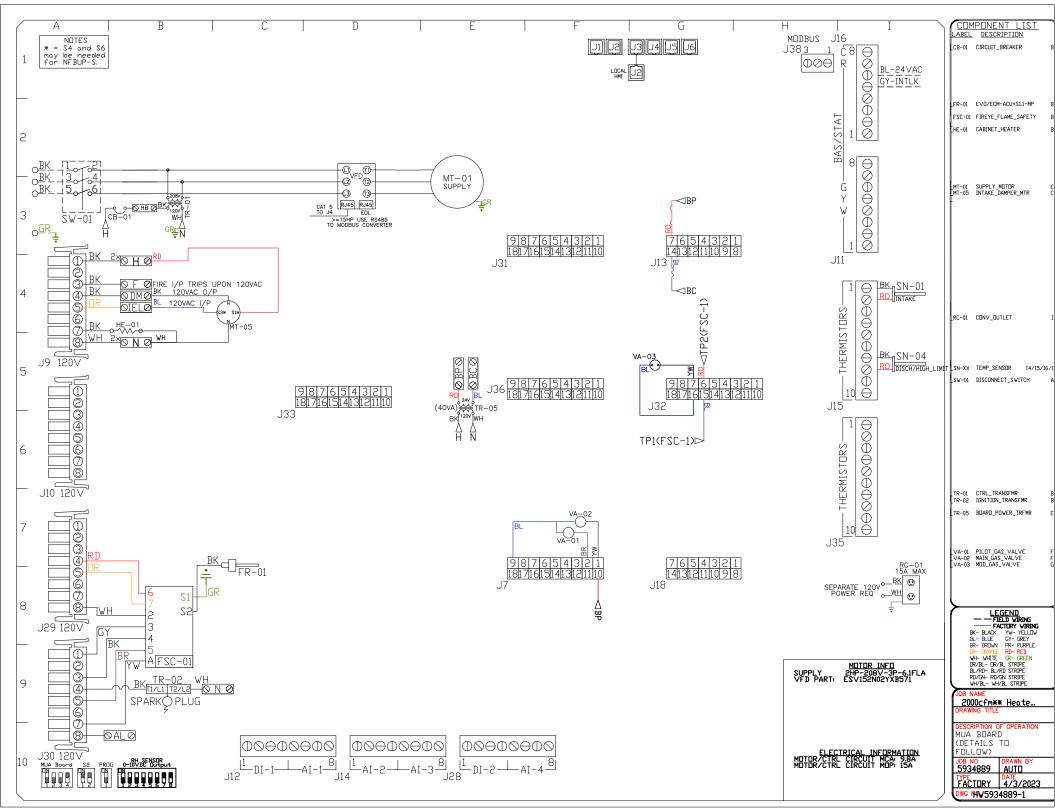


2000 CFM, 0.576 SP @ 2079 RPM AND 1.445 BHP AT 0 FEET AND 75 DEG F. \* PLEASE NOTE THAT THESE CURVES WERE ADJUSTED FOR JOB SPECIFIC TEMPERATURE AND ALTITUDE.



FloAire

JOB 2000cfm** Heater	Stock	
LOCATION Southboroug	h, MA,	
DATE 4/3/2023	JOB #	5934889
<i>DWG #</i> 3	DRAWN BY	courtneyh
REV.	SCALE 3/	8" = 1'-0"



VFD Wiring	JDB BDC	5934889 - 20	2000cfm** H	Heater Stock	
DRAWING NUMBER VFD5934889-1	SHIP DATE	4/3/2023	MODEL	F1-D.250-15D	
					Installed Options
- 0	NWS	571 SERIFS VARIABLE FREQUENCY	ABLE FREQUEI	NCY DRIVE	
	TERMINAL F	FUNCTION Digital Inputi(Start/Stop) Internal 12/DC Supoly fo	rt/Stop) Supply for	External Devices	Component Identification
4		nalog Common nalog Dutput: C	onfigurable	0P155	
5 To J4 on IBT Board	RJ45				
RESISTOR	R RJ45				
Ţ.				-	
9 POWER SUPPLY	L1 L3 (N) L3 L3 L1 L3 L1 L1 L1 L1 L1 L1 L1 L1 L1 L1 L1 L1 L1	Phase Phase Phase	r Single Phase r Single Phase leutral for 120	ase Input ase Input 120v)	
10 MDTDR		Phase AC Motor Phase AC Motor Phase AC Motor			
11	SI	SUPPLY DRIVE PARAMETER SETTINGS*	RAMETER SE	ETTINGS*	
12 All external control whres to motor speed control should be 16-20 AVG shelede multiconductor cables and must not be run in the same conduit or raceway with any high power be run in the same conduit or the drive chasis DNLY. 13	c.	EPM PROGRAM: IBT 571 P100 (Start Source) = 01 (Terminal Strip) P102 = ##Mininum Frequency (Hz) P103 = #Maximum Frequency (Hz) P130 (Tersword) = 223 P410 (Modbus Address) = 21	: 01 (Terminal S Jency (Hz) Juency (Hz) Juency (Hz) 5 = 21	(dirti	
PG. 11 DF THE DRIVE MANUAL DESCRIBES THE PROPER INSTALLATION PROCEDURE PG. 19 DF THE DRIVE MANUAL DESCRIBES THE PROGRAMMING PROCEDURE OF THE DRIVE MANUAL DESCRIBES THE PARAMETER		<pre>Adjust manually on all drives P107 - 00 Cifr 120 or 208 VAC) or 01 Cifr 520, 480 or 575 VAC) P108 - Motor FLA × 100 / Drive Dutput Rating P165 Clase Voltage = Set to Motor Voltage P165 Clase Frequency) = Calculated Per Fan</pre>	( drives 208 VAC) 3 or 575 VAC) 30 / Drive Dut; 28t to Motor 28 STANDARD DI 28 STANDARD DI 2 = Calculated	ut Rating · Voltage Per Fan	
LD SELLINGS UF THE URIVE WUTEL THE DEFAULT PASSUODD FROM THE FACTORY REQUIRED TD PROGRAM THE DRIVE IS '225'. 16	RED	Pizi for Large HP VishP set it to 9 It May be required to fully pover down the drive AND TURN BACK ON IN ORDER TO INITIATE NEV PARAMETER SETTINGS.	HP set it to ' D FULLY POVER DRDER TO INITI	9 . Down the drive . Ate Neve	SUPPLY MUTOR INFO SUPPLY 2HP-208V-3P-6.1FLA VFD PART: ESV152N02YXB571
17	÷ o	##Min, and Max. Frequency Settings override other Preset speeds/Parameters.	rncy Settings Parameters.	override all	
18					MUTUR/CTRL CIRCULT MOR 154
19					
20					NDTES
21					DENDTES FIELD WIRING DENDTES INTERNAL WIRING WIRE COLOR
22	۵	general notes			
23					VH - VHITE

