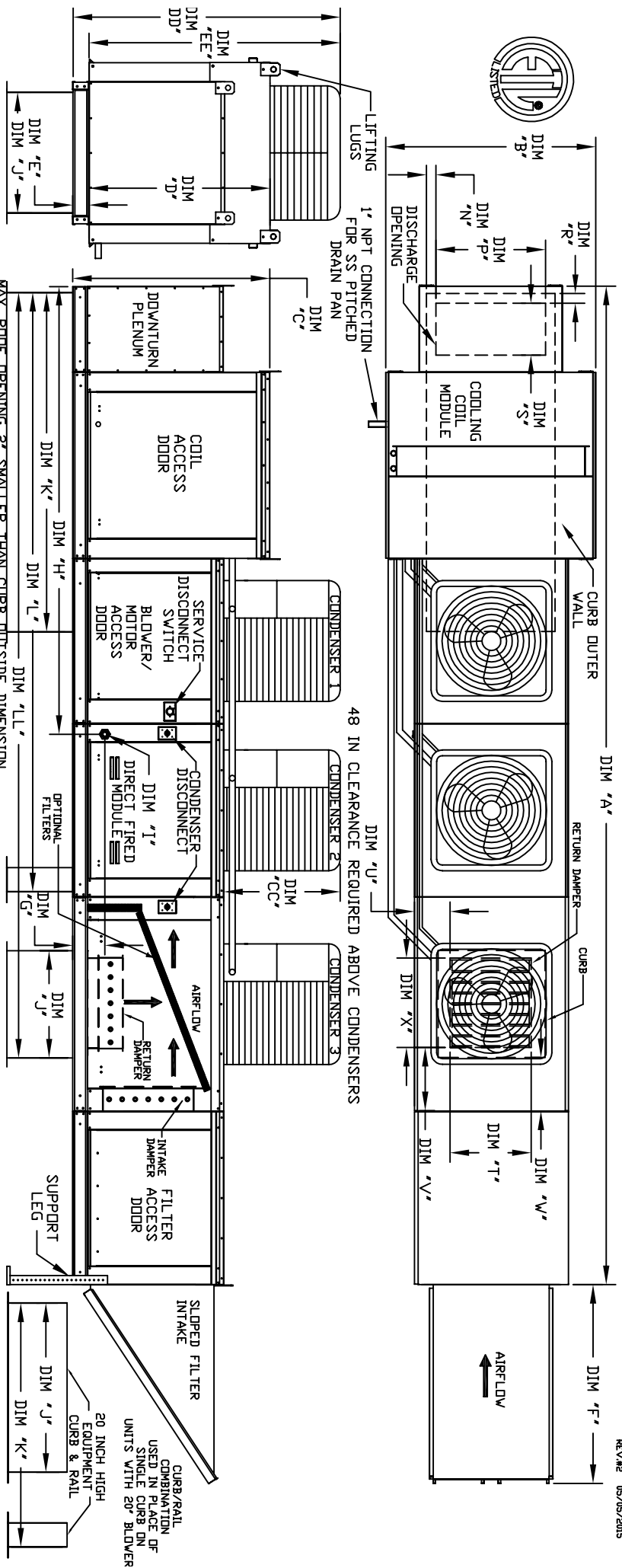


MODULAR OUTDOOR DOWN DISCHARGE DIRECT FIRED RECIRCULATING HEATER WITH COOLING, V-BANK AND INTAKE HOOD

JHV8BDF-SMHCDB-49U-15
REV. A2 05/05/2015



ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.
MAX. ROOF OPENING 2" SMALLER THAN CURB OUTSIDE DIMENSION

MODEL	WEIGHT	UNIT DIMENSIONS																				
		A	B	C	D	E	F	G	H	J	K	L	LL	N	P	R	S	T	U	V	W	X
D.500-G18	2060 LBS	234-1/2	54-3/8	56-3/8	51-1/8	5-1/4	51-5/8	9-1/2	114-7/16	35	84	150-5/8	190-1/16	6-5/16	22-3/8	1-1/2	18	28	8	7	4-1/2	30
D.750-G18	2065 LBS	234-1/2	54-3/8	56-3/8	51-1/8	5-1/4	51-5/8	9-1/2	114-7/16	35	84	150-5/8	190-1/16	6-5/16	22-3/8	1-1/2	18	28	8	7	4-1/2	30
D.1000-G18	2070 LBS	234-1/2	54-3/8	56-3/8	51-1/8	5-1/4	51-5/8	9-1/2	114-7/16	35	84	150-5/8	190-1/16	6-5/16	22-3/8	1-1/2	18	28	8	7	4-1/2	30
D.1000-920	3315 LBS	292-7/8	60-7/16	64-3/8	59-1/8	5-1/4	76-3/8	13-9/16	151	42	115-3/16	199-7/8	247-7/8	5-1/4	31-1/2	1-13/16	23-1/2	33	10	11	8	36
D.1500-920	3330 LBS	292-7/8	60-7/16	64-3/8	59-1/8	5-1/4	76-3/8	13-9/16	151	42	115-3/16	199-7/8	247-7/8	5-1/4	31-1/2	1-13/16	23-1/2	33	10	11	8	36

MODEL	BTU RANGE (MBH)	GAS PRESSURE		GAS CONNECTION		TONNAGE RANGE		FILTERS		DISCHARGE OPENING		RETURN OPENING	
		MIN	MAX	1" (NPT)	1" (NPT)	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
D.500-G18	18	7" WC	14" WC	1	1	15 Ton	15 Ton	20"x25"x2" (8)	8800 CFM = 348 FPM	15"x20"x2" (4)	15"x15"x2" (2)	15"x20"x2" (4)	15"x15"x2" (2)
D.750-G18	18	7" WC	14" WC	1	1	15 Ton	15 Ton	20"x25"x2" (8)	8800 CFM = 348 FPM	15"x20"x2" (4)	15"x15"x2" (2)	15"x20"x2" (4)	15"x15"x2" (2)
D.1000-G18	24	7" WC	14" WC	1	1	15 Ton	15 Ton	20"x25"x2" (8)	8800 CFM = 348 FPM	15"x20"x2" (4)	15"x15"x2" (2)	15"x20"x2" (4)	15"x15"x2" (2)
D.1000-920	30	7" WC	14" WC	1	1	15 Ton	15 Ton	16"x20"x2" (15)	81300 CFM = 495 FPM	18"x25"x2" (4)	16"x20"x2" (2)	18"x25"x2" (4)	16"x20"x2" (2)
D.1500-920	30	7" WC	14" WC	1	1	15 Ton	15 Ton	16"x20"x2" (15)	81300 CFM = 495 FPM	18"x25"x2" (4)	16"x20"x2" (2)	18"x25"x2" (4)	16"x20"x2" (2)

MADE CONDENSING UNIT WEIGHT TO WEIGHT IN TABLE ABOVE

MODEL	WEIGHT*	TONNAGE			CC	DD	EE
		#1	#2	#3			
15 TON-G18	588 LBS	5 TON	5 TON	5 TON	29-15/16	73-5/16	68-1/16
15 TON-920	588 LBS	5 TON	5 TON	5 TON	29-15/16	94-5/16	89-1/16

R410A REFRIGERANT

Direct Fired Profile Plate Specifications:

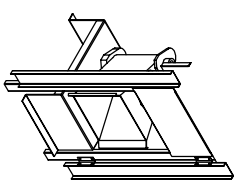
Description:
Direct fired burner's shall have patented (US Patent No. US6629523B2), self-adjusting profile plates designed to ensure proper air velocity and pressure drop across the burner. Profile plates shall allow burners to achieve clean combustion by limiting by-product levels to a maximum of 5ppm of carbon monoxide (CO), and 50ppm of nitrogen dioxide (NO2).

Application:
Spring-loaded burner profile plates are engineered to automatically react to the momentum of the burner flame. The burner flame is designed to be self-adjusting to the burner's design. With this feature, all DF units are designed for demand control ventilation (DCV) requirements.

Specifications:
Profile plate assemblies shall be included in the DF unit's FTL listing and comply with combined safety standards ANSI Z83.1 and CSA 3.7 (non-recirculating DF heaters) and ANSI Z83.18 (recirculating DF heaters).

General Construction:

- Profile plates shall be formed from G90 galvanized steel.
- Profile plates shall be formed from 304 stainless steel.
- Profile plates shall be formed from 316 stainless steel.
- Profile plates shall be mounted along the same plane as the discharge of the burner.
- Design shall incorporate properly torqued, permanently mounted spring hinges.
- Spring hinges shall be made from plated steel.



Direct Fired (DF) Profile Plate Assembly