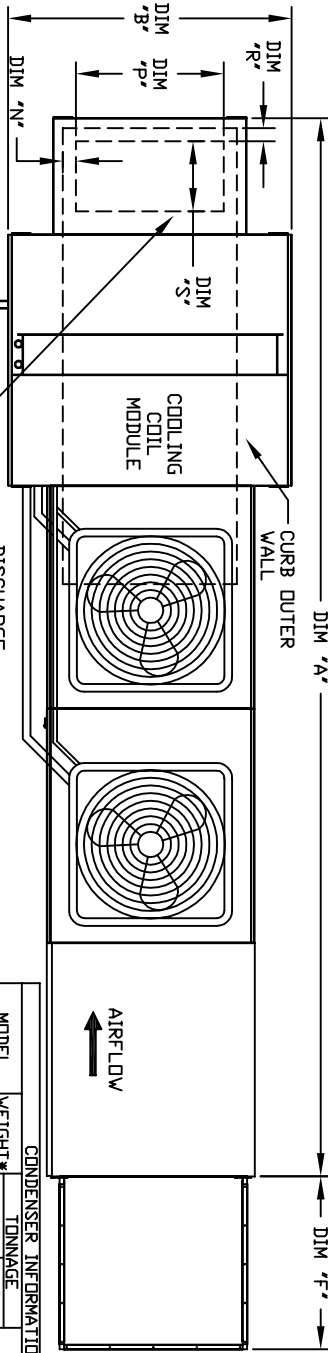




MODULAR OUTDOOR DOWN DISCHARGE DIRECT FIRED HEATER PACKAGED UNIT WITH COOLING, V-BANK AND SCREEN INTAKE

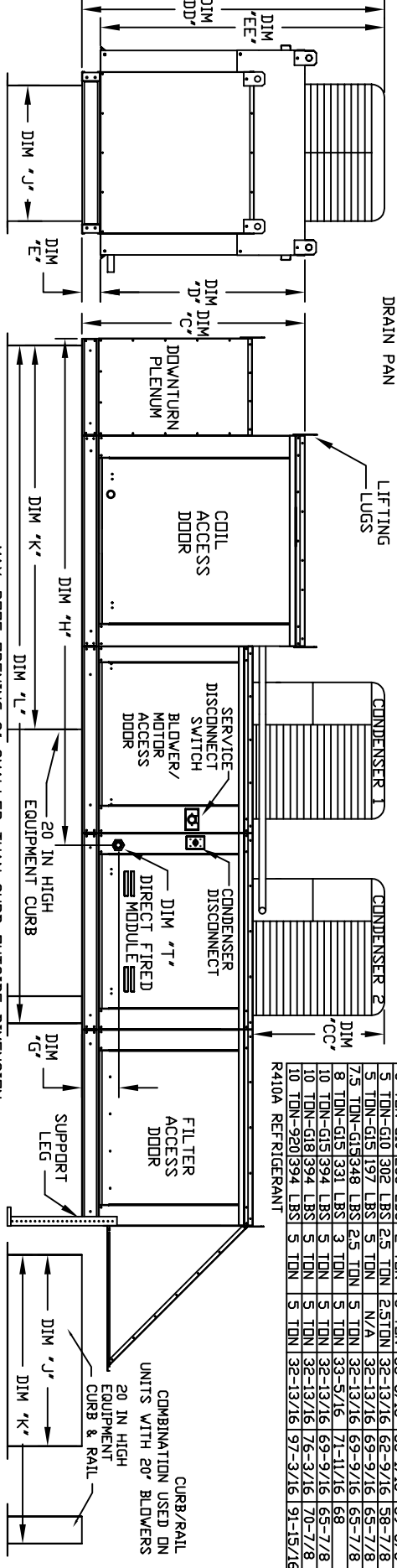
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REV 98 06/15/2013



CONDENSER INFORMATION

MODEL	WEIGHT*	TONNAGE	CC	DD	EE
2 TON-G10	119 LBS	2 TON	26-5/16	56-1/16	52-3/8
3 TON-G10	134 LBS	3 TON	N/A	33-5/16	63-1/16
5 TON-G10	253 LBS	2 TON	N/A	33-5/16	63-1/16
5 TON-G10	253 LBS	2.5 TON	32-13/16	62-9/16	58-7/8
7.5 TON-G15	197 LBS	5 TON	N/A	32-13/16	65-7/8
8 TON-G15	331 LBS	3 TON	33-5/16	71-11/16	68
10 TON-G18	394 LBS	5 TON	32-13/16	69-9/16	65-7/8
10 TON-G18	394 LBS	5 TON	32-13/16	76-3/16	70-7/8
10 TON-G18	394 LBS	5 TON	32-13/16	97-3/16	91-15/16

*R410A REFRIGERANT

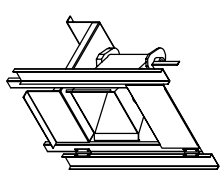


ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MAX. ROOF OPENING 2' SMALLER THAN CURB OUTSIDE DIMENSION

MODEL	WEIGHT	A	B	C	D	E	F	G	H	J	K	L	N	P	R	S
D.250-G10	1105 LBS	167-1/4	39-3/8	42-3/4	39	3-3/4	22-3/8	7-13/16	95-7/16	21	71	131-5/8	3-9/16	13-7/8	1-13/16	11-1/2
D.500-G10	1110 LBS	167-1/4	39-3/8	42-3/4	39	3-3/4	22-3/8	7-13/16	95-7/16	21	71	131-5/8	3-9/16	13-7/8	1-13/16	11-1/2
D.250-G15	1490 LBS	181-1/4	49-3/8	47-3/4	44	3-3/4	30-5/16	7-13/16	109-7/16	31	79	145-5/8	4-5/16	22-3/8	1-9/16	18
D.500-G15	1495 LBS	181-1/4	49-3/8	47-3/4	44	3-3/4	30-5/16	7-13/16	109-7/16	31	79	145-5/8	4-5/16	22-3/8	1-9/16	18
D.750-G15	1500 LBS	181-1/4	49-3/8	47-3/4	44	3-3/4	30-5/16	7-13/16	109-7/16	31	79	145-5/8	4-5/16	22-3/8	1-9/16	18
D.1500-G18	1745 LBS	192-1/4	54-3/8	51-1/8	51-1/8	5-1/4	34-3/16	9-1/2	114-7/16	35	84	150-5/8	6-5/16	22-3/8	1-1/2	18
D.750-G18	1750 LBS	192-1/4	54-3/8	51-1/8	51-1/8	5-1/4	34-3/16	9-1/2	114-7/16	35	84	150-5/8	6-5/16	22-3/8	1-1/2	18
D.1000-G18	1750 LBS	192-1/4	54-3/8	51-1/8	51-1/8	5-1/4	34-3/16	9-1/2	114-7/16	35	84	150-5/8	6-5/16	22-3/8	1-1/2	18
D.1000-G20	2730 LBS	238-9/16	60-7/16	64-3/8	59-1/8	5-1/4	47-1/4	13-9/16	151	42	115-3/16	199-7/8	5-1/4	31-1/2	1-13/16	23-1/2
D.1500-G20	2745 LBS	238-9/16	60-7/16	64-3/8	59-1/8	5-1/4	47-1/4	13-9/16	151	42	115-3/16	199-7/8	5-1/4	31-1/2	1-13/16	23-1/2

Direct Fired (DF) Profile Plate Assembly



UNIT INFORMATION

MODEL	BURNER LENGTH	BTU RANGE (KBH)	GAS PRESSURE		GAS CONNECTION	TONNAGE RANGE		FILTER SIZE & QTY	MAX. FILTER VELOCITY
			MIN	MAX		MIN	MAX		
D.250-G10	18"	275	7" VC	14" VC	3/4"	2 Ton	5 Ton	20"x25"x2" (3)	@3000 CFM = 348 FPM
D.500-G10	18"	550	7" VC	14" VC	3/4"	2 Ton	5 Ton	20"x25"x2" (3)	@3000 CFM = 348 FPM
D.250-G15	18"	275	7" VC	14" VC	3/4"	2 Ton	5 Ton	16"x20"x2" (8)	@6000 CFM = 428 FPM
D.500-G15	18"	550	7" VC	14" VC	3/4"	2 Ton	5 Ton	16"x20"x2" (8)	@6000 CFM = 428 FPM
D.750-G15	18"	825	7" VC	14" VC	3/4"	2 Ton	5 Ton	16"x20"x2" (8)	@6000 CFM = 428 FPM
D.1500-G18	18"	825	7" VC	14" VC	3/4"	2 Ton	5 Ton	20"x25"x2" (8)	@8000 CFM = 348 FPM
D.750-G18	18"	825	7" VC	14" VC	3/4"	2 Ton	5 Ton	20"x25"x2" (8)	@8000 CFM = 348 FPM
D.1000-G18	24"	366	7" VC	14" VC	1-1/4"	10 Ton	10 Ton	16"x20"x2" (15)	@13000 CFM = 495 FPM
D.1000-G20	24"	366	7" VC	14" VC	1-1/4"	10 Ton	10 Ton	16"x20"x2" (15)	@13000 CFM = 495 FPM
D.1500-G20	30"	458	7" VC	14" VC	1-1/4"	10 Ton	10 Ton	16"x20"x2" (15)	@13000 CFM = 495 FPM

MAXIMUM CONDENSING UNIT WEIGHT TO WEIGHT IN TABLE ABOVE

Direct Fired Profile Plate Specifications:

Direct fired burners shall have patented US Patent No. US6692382, self-adjusting profile plates designed to ensure proper air velocity and pressure drop across the burner. Profile plates shall allow for clean combustion by lifting by-product levels to a maximum of 3ppm of carbon monoxide (CO), and 5ppm of nitrogen dioxide (NO₂).

Application:

Spring loaded burner profile plates are engineered to automatically react to the expansion of burner stems without the need for motor or actuators to mechanically adjust the V-bank. With this feature, all DF units are designed for demand control ventilation (DCV) requirements.

General Construction:

Profile plates shall be formed from G90 galvanized steel.

Profile plates shall work in size per unit, same plate as the discharge of the burner.

Design shall incorporate proper torqued, permanently mounted spring hinges.

Spring hinges shall be made from plated steel.

All profile plate assemblies shall be included in the DF unit's ETL listing and comply with combine safety standards ANSI Z83.4 and CSA 37 (non-re-circulating DF heaters) and ANSI Z83.18 (re-circulating DF heaters).