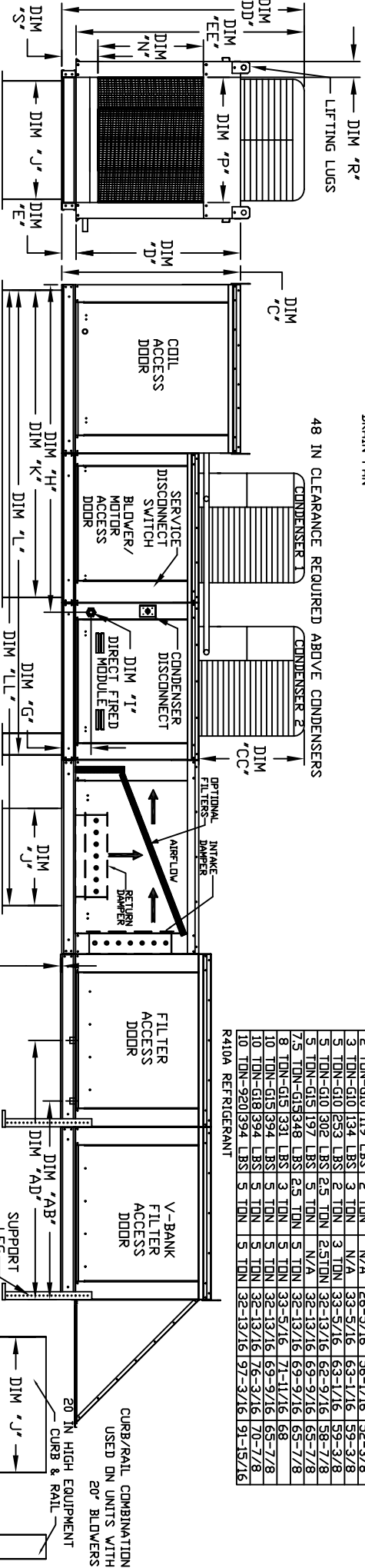


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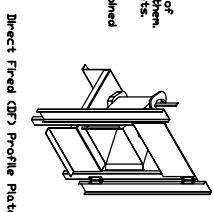


ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MODEL	A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	R	S	T	U	V	W	X	AA	AB	AC	AD	AE
D-250-G10	223-3/8	39-3/8	42-3/4	39	3-3/4	30-5/16	7-13/16	77-1/16	21	1	113-1/4	144-11/16	17-1/2	16	16	11	5-3/4	14	14	18	4-1/2	38-1/2	18	48-1/4	18	48-1/4	
D-500-G10	223-3/8	39-3/8	42-3/4	39	3-3/4	30-5/16	7-13/16	77-1/16	21	1	113-1/4	144-11/16	17-1/2	16	16	11	5-3/4	14	14	18	4-1/2	38-1/2	18	48-1/4	18	48-1/4	
D-250-G15	243-3/8	49-3/8	47-3/4	44	3-3/4	34-3/16	7-13/16	85-1/16	31	79	121-1/4	157-11/16	29-3/4	22-3/4	12-5/8	5-3/4	22-3/4	8	11	24	4-1/2	44	20	57-1/4	20	57-1/4	
D-500-G15	243-3/8	49-3/8	47-3/4	44	3-3/4	34-3/16	7-13/16	85-1/16	31	79	121-1/4	157-11/16	29-3/4	22-3/4	12-5/8	5-3/4	22-3/4	8	11	24	4-1/2	44	20	57-1/4	20	57-1/4	
D-750-G15	242-5/8	54-3/8	51-1/8	44	3-3/4	34-3/16	7-13/16	85-1/16	31	84	126-1/4	165-11/16	29-5/8	30	11-1/2	7-3/8	28	8	7	30	4-1/2	41-1/8	23-1/2	52-7/8	28	52-7/8	
D-1000-G18	242-5/8	54-3/8	51-1/8	44	3-3/4	34-3/16	7-13/16	85-1/16	31	84	126-1/4	165-11/16	29-5/8	30	11-1/2	7-3/8	28	8	7	30	4-1/2	41-1/8	23-1/2	52-7/8	28	52-7/8	
D-1500-G20	297-7/8	60-7/16	64-3/8	59-1/8	5-1/4	49-5/8	13-9/16	120-5/8	42	84	126-1/4	165-11/16	29-5/8	30	11-1/2	7-3/8	28	8	7	30	4-1/2	41-1/8	23-1/2	52-7/8	28	52-7/8	
D-1500-G20	297-7/8	60-7/16	64-3/8	59-1/8	5-1/4	49-5/8	13-9/16	120-5/8	42	84	126-1/4	165-11/16	29-5/8	30	11-1/2	7-3/8	28	8	7	30	4-1/2	41-1/8	23-1/2	52-7/8	28	52-7/8	

MODEL	BURNER BTU RANGE (KWH)	GAS PRESSURE	GAS CONNECTION	TONNAGE RANGE	FILTER SIZE & QTY	CELD/DEK EVAPORATIVE COOLING UNIT	OPTIONAL MIXING BOX FILTERS
MODEL	LENGTH	BTU LOW	BTU HIGH	MIN.	MAX.	TON	MAX. FLOW RATE
D-250-G10	6'	275	7' WC 14' WC	2 Ton	5 Ton	1405 LBS	25"x32"x12"
D-500-G10	12'	550	7' WC 14' WC	2 Ton	5 Ton	1410 LBS	25"x32"x12"
D-250-G15	6'	18	7' WC 14' WC	2 Ton	5 Ton	1865 LBS	30"x32"x12"
D-500-G15	12'	275	7' WC 14' WC	2 Ton	5 Ton	1870 LBS	30"x32"x12"
D-750-G15	18'	19	7' WC 14' WC	5 Ton	10 Ton	1875 LBS	30"x36"x12"
D-1000-G18	18'	18	7' WC 14' WC	5 Ton	10 Ton	2300 LBS	38"x43"x12"
D-1500-G20	24'	25	7' WC 14' WC	10 Ton	20 Ton	2310 LBS	38"x43"x12"
D-1500-G20	30'	36.6	7' WC 14' WC	10 Ton	20 Ton	3475 LBS	45"x54"x12"
D-1500-G20	45.8	137.5	7' WC 5 PSI	10 Ton	20 Ton	3490 LBS	45"x54"x12"

Direct Fired Profile Plate Specifications
 Direct fired burners shall be patented (US Patent No. US6629232B2), 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 linking by-product levels to a maximum of 50% of carbon monoxide (CO), and 50ppm of nitrogen dioxide (NO2).
 Specifications
 Direct fired burner profile plates are engineered to automatically react to the movement of a fresh air stream, without the need for any motors or actuators to mechanically adjust them. With this feature, all DF units are designed for demand control ventilation (DCV) requirements.
 Identification:
 All profile plate assemblies shall be included in the DF unit's ETL listing and comply with combined safety standards ANSI Z89.4 and CSA 37 Ground-rectifying DF heaters and ANSI Z89.3B recirculating DF heaters.
 General Construction:
 Profile plates shall be formed from 600 galvanized 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.



Direct Fired (DF) Profile Plate Assembly