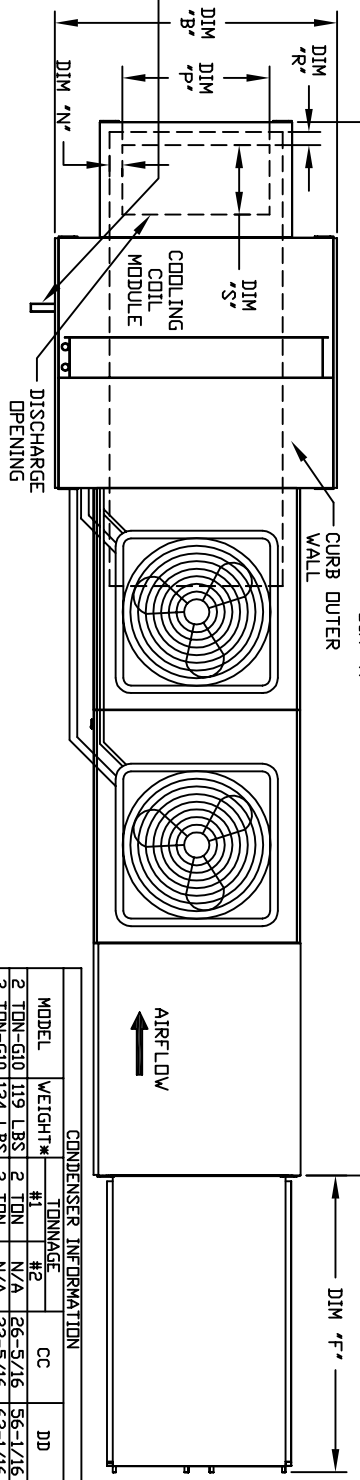


MODULAR OUTDOOR DOWN DISCHARGE DIRECT FIRED HEATER PACKAGED UNIT WITH COOLING, V-BANK AND INTAKE HOOD

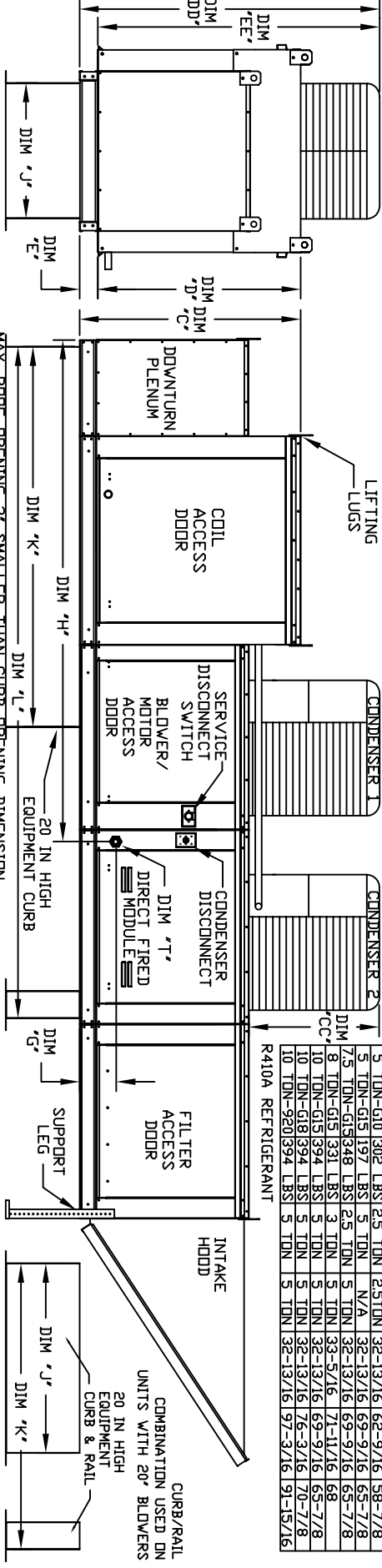


1" NPT CONNECTION FOR SS PITCHED DRAIN PAN

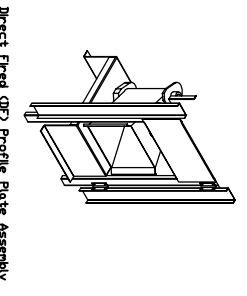


48 IN CLEARANCE REQUIRED ABOVE CONDENSERS

CONDENSER INFORMATION						
MODEL	WEIGHT #1	TONNAGE #2	CC	DD	EE	EE
2 TON-G10	119 LBS	2 TON	26-5/16	56-1/16	52-3/8	52-3/8
3 TON-G10	134 LBS	3 TON	N/A	63-1/16	59-3/8	59-3/8
5 TON-G10	253 LBS	2 TON	33-5/16	63-1/16	59-3/8	59-3/8
5 TON-G10	302 LBS	2.5 TON	32-13/16	62-9/16	58-7/8	58-7/8
5 TON-G15	197 LBS	5 TON	32-13/16	69-9/16	65-7/8	65-7/8
7.5 TON-G15	348 LBS	2.5 TON	32-13/16	69-9/16	65-7/8	65-7/8
8 TON-G15	331 LBS	3 TON	33-5/16	71-1/16	68	68
10 TON-G15	394 LBS	3 TON	32-13/16	69-9/16	65-7/8	65-7/8
10 TON-G18	394 LBS	3 TON	32-13/16	76-3/16	70-7/8	70-7/8
10 TON-G20	394 LBS	5 TON	32-13/16	97-3/16	91-15/16	91-15/16



MAX. ROOF OPENING 2" SMALLER THAN CURB OPENING DIMENSION



Direct Fired (DF) Profile Plate Assembly

MODEL	UNIT DIMENSIONS										CURB/RAIL		DISCHARGE OPENING		S
	A	B	C	D	E	F	G	H	J	K	L	N	P	R	
D250-G10	1125 LBS	167-1/4	39-3/8	42-3/4	39	3-3/4	44-3/8	7-13/16	95-7/16	21	71	131-5/8	3-9/16	13-7/8	11-1/2
D500-G10	1130 LBS	167-1/4	39-3/8	42-3/4	39	3-3/4	44-3/8	7-13/16	95-7/16	21	71	131-5/8	3-9/16	13-7/8	11-1/2
D250-G15	1520 LBS	181-1/4	49-3/8	47-3/4	44	3-3/4	53-5/8	7-13/16	109-7/16	31	79	145-5/8	4-5/16	22-3/8	1-9/16
D500-G15	1525 LBS	181-1/4	49-3/8	47-3/4	44	3-3/4	53-5/8	7-13/16	109-7/16	31	79	145-5/8	4-5/16	22-3/8	1-9/16
D750-G18	1780 LBS	181-1/4	49-3/8	47-3/4	44	3-3/4	53-5/8	7-13/16	109-7/16	31	79	145-5/8	4-5/16	22-3/8	1-9/16
D1000-G18	1780 LBS	192-1/4	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	6-5/16	22-3/8	1-1/2
D1500-G18	1790 LBS	192-1/4	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	6-5/16	22-3/8	1-1/2
D1000-920	2840 LBS	238-9/16	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	5-1/4	31-1/2	23-1/2
D1500-920	2855 LBS	238-9/16	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	5-1/4	31-1/2	23-1/2

MODEL	BTU RANGE (QBH)		GAS PRESSURE		GAS CONNECTION	TONNAGE RANGE		FILTERS	
	BURNER LENGTH	BTU LOW	BTU HIGH	MIN		MAX	FILTER SIZE & QTY	MAX. FILTER VELOCITY	
D250-G10	6'	18	275	7" WC	14" WC	2 TON	5 TON	20"X25"X2" (3)	@3000 CFM = 348 FPM
D500-G10	12'	18	550	7" WC	14" WC	5 TON	10 TON	20"X25"X2" (3)	@3000 CFM = 348 FPM
D250-G15	6'	18	275	7" WC	14" WC	5 TON	10 TON	16"X20"X2" (8)	@6000 CFM = 428 FPM
D500-G15	12'	18	550	7" WC	14" WC	5 TON	10 TON	16"X20"X2" (8)	@6000 CFM = 428 FPM
D750-G18	12'	18	825	7" WC	14" WC	5 TON	10 TON	20"X25"X2" (8)	@8000 CFM = 348 FPM
D1000-G18	12'	18	825	7" WC	14" WC	5 TON	10 TON	20"X25"X2" (8)	@8000 CFM = 348 FPM
D1500-920	24'	36.6	1100	7" WC	14" WC	10 TON	10 TON	16"X20"X2" (8)	@3000 CFM = 495 FPM
D1500-920	24'	45.8	1375	7" WC	5 PSI	10 TON	10 TON	16"X20"X2" (15)	@3000 CFM = 495 FPM

Direct Fired Profile Plate Specifications:
 Direct fired burners shall have patented US Patent No. US5629238B2, 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 lifting by product levels to a minimum of 3/8" of burner nose (50% and 50% of nitrogen dioxide (NOx)).
 Installation:
 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 3.7 (non-retracting DF heaters) and ANSI Z83.18 (retracting DF heaters).
 General Construction:
 Profile plates shall be formed from G90 galvanized steel.
 Profile plates shall be mounted along the same plane as the discharge of the burner.
 Profile plates shall incorporate properly torqued, permanently mounted spring hinges.
 Spring hinges shall be made from plated steel.