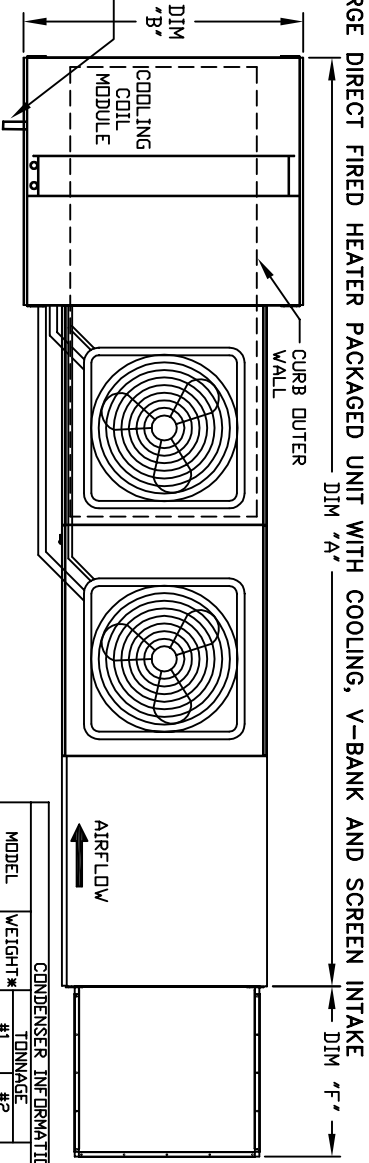




MODULAR OUTDOOR SIDE DISCHARGE DIRECT FIRED HEATER PACKAGED UNIT WITH COOLING, V-BANK AND SCREEN INTAKE

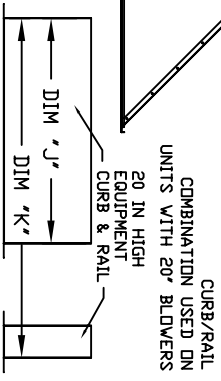
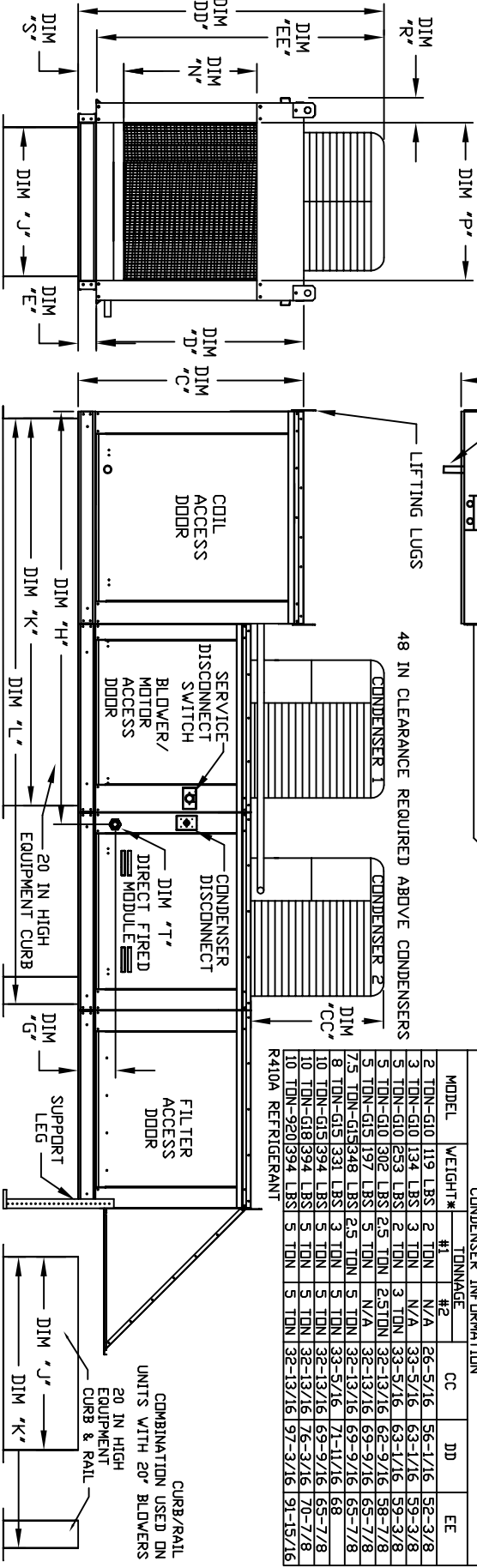
1" NPT CONNECTION FOR SS PITCHED DRAIN PAN



48 IN CLEARANCE REQUIRED ABOVE CONDENSERS

CONDENSER INFORMATION		CC	DD	EE
MODEL	WEIGHT*	#1 TONNAGE	#2 TONNAGE	
2 TON-G10	119 LBS	26-5/16	56-1/16	52-3/8
3 TON-G10	134 LBS	33-5/16	63-1/16	59-3/8
5 TON-G10	253 LBS	33-5/16	63-1/16	59-3/8
5 TON-G10	302 LBS	25 TON	62-9/16	59-7/8
7 3/4 TON-G15	197 LBS	5 TON	32-13/16	65-7/8
8 TON-G15	331 LBS	3 TON	33-5/16	71-11/16
10 TON-G15	394 LBS	5 TON	32-13/16	69-9/16
10 TON-G18	394 LBS	5 TON	32-13/16	76-3/16
10 TON-G20	394 LBS	5 TON	32-13/16	97-3/16
10 TON-G20	394 LBS	5 TON	32-13/16	91-15/16

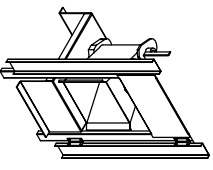
R410A REFRIGERANT



ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MODEL	WEIGHT*	UNIT DIMENSIONS										CURB/RAIL		DISCHARGE OPENING		
		A	B	C	D	E	F	G	H	J	K	L	N	P	R	S
D250-G10	1000 LBS	148-7/8	39-3/8	42-3/4	39	3-3/4	22-3/8	7-13/16	77-1/16	21	71	113-1/4	17-1/2	16	11	5-3/4
D500-G10	1005 LBS	148-7/8	39-3/8	42-3/4	39	3-3/4	22-3/8	7-13/16	77-1/16	21	71	113-1/4	17-1/2	16	11	5-3/4
D250-G15	1340 LBS	156-7/8	49-3/8	47-3/4	44	3-3/4	30-5/16	7-13/16	85-1/16	31	79	121-1/4	29-3/4	22-3/4	12-5/8	5-3/4
D500-G15	1345 LBS	156-7/8	49-3/8	47-3/4	44	3-3/4	30-5/16	7-13/16	85-1/16	31	79	121-1/4	29-3/4	22-3/4	12-5/8	5-3/4
D750-G15	1350 LBS	156-7/8	49-3/8	47-3/4	44	3-3/4	30-5/16	7-13/16	85-1/16	31	79	121-1/4	29-3/4	22-3/4	12-5/8	5-3/4
D1000-G18	1556 LBS	167-7/8	54-3/8	56-3/8	51-1/8	5-1/4	34-3/16	9-1/2	90-1/16	35	84	126-1/4	29-5/8	30	11-1/2	7-3/8
D750-G18	1555 LBS	167-7/8	54-3/8	56-3/8	51-1/8	5-1/4	34-3/16	9-1/2	90-1/16	35	84	126-1/4	29-5/8	30	11-1/2	7-3/8
D1000-G18	1560 LBS	167-7/8	54-3/8	56-3/8	51-1/8	5-1/4	34-3/16	9-1/2	90-1/16	35	84	126-1/4	29-5/8	30	11-1/2	7-3/8
D1500-G20	2440 LBS	208-3/16	60-7/16	64-3/8	59-1/8	5-1/4	47-1/4	13-9/16	120-5/8	42	115-3/16	169-1/2	36-3/4	34	12-1/2	7-3/8
D1500-G20	2455 LBS	208-3/16	60-7/16	64-3/8	59-1/8	5-1/4	47-1/4	13-9/16	120-5/8	42	115-3/16	169-1/2	36-3/4	34	12-1/2	7-3/8

Direct Fired (DF) Profile Plate Assembly



UNIT INFORMATION

MODEL	BURNER LENGTH	BTU LOW	BTU HIGH	GAS PRESSURE		GAS CONNECTION	TONNAGE RANGE		FILTERS	
				MIN	MAX		MIN	MAX	MIN	MAX
D250-G10	6"	18	275	7" WC	14" WC	3/4	2 Ton	5 Ton	20"x25"x2" (3)	3000 CFM = 348 FPM
D500-G10	6"	18	550	7" WC	14" WC	3/4	2 Ton	5 Ton	20"x25"x2" (3)	3000 CFM = 348 FPM
D250-G15	6"	18	275	7" WC	14" WC	3/4	2 Ton	5 Ton	16"x20"x2" (8)	3000 CFM = 428 FPM
D500-G15	12"	18	550	7" WC	14" WC	1	5 Ton	10 Ton	16"x20"x2" (8)	3000 CFM = 428 FPM
D750-G15	12"	18	275	7" WC	14" WC	1	5 Ton	10 Ton	16"x20"x2" (8)	3000 CFM = 428 FPM
D1000-G18	12"	18	550	7" WC	14" WC	1	5 Ton	10 Ton	20"x25"x2" (8)	3000 CFM = 348 FPM
D1500-G20	24"	24	1100	7" WC	14" WC	1-1/4	10 Ton	10 Ton	16"x20"x2" (15)	3000 CFM = 348 FPM
D1500-G20	30"	30	458	7" WC	5 PSI	1-1/4	10 Ton	10 Ton	16"x20"x2" (15)	3000 CFM = 495 FPM

*ADD CONDENSING UNIT WEIGHT TO WEIGHT IN TABLE ABOVE

Direct Fired Burner Plate Specifications:

Direct fired burners shall have patented US Patent No. US6629528B2, self-adjusting profile plates designed to ensure proper air velocity and pressure drop across the burner. Profile plates shall allow burners to achieve air velocity and pressure drop by product levels to a specified depth of carbon monoxide (CO) and nitrogen dioxide (NO2) levels to a specified depth. Burner profile plates are engineered to automatically react to the momentum of a fresh air stream, without the need for any motors or actuators to mechanically adjust the burner. All profile plate assemblies shall be included in the DF unit's ETL listing and comply with combustion safety standards ANSI Z83.4 and CSA 37 (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 mounted along the same plane as the discharge of the burner. Design shall incorporate proper torque, permanently mounted spring hinges.