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

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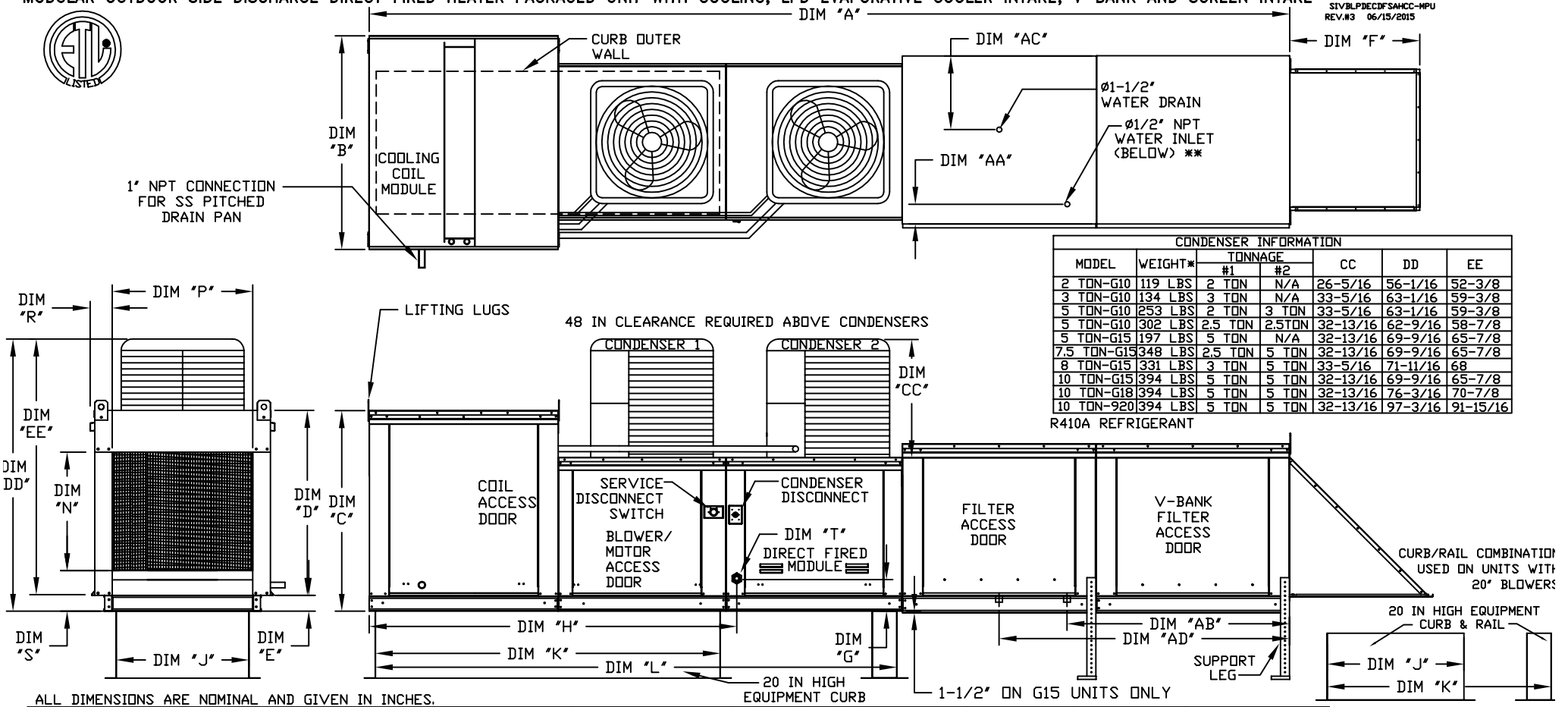
REV.#3 06/15/2015

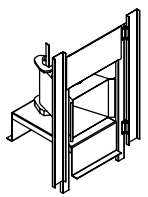


CONDENSER INFORMATION						
MODEL	WEIGHT*	TONNAGE #1	TONNAGE #2	CC	DD	EE
2 TON-G10	119 LBS	2 TON	N/A	26-5/16	56-1/16	52-3/8
3 TON-G10	134 LBS	3 TON	N/A	33-5/16	63-1/16	59-3/8
5 TON-G10	253 LBS	2 TON	3 TON	33-5/16	63-1/16	59-3/8
5 TON-G10	302 LBS	2.5 TON	2.5TON	32-13/16	62-9/16	58-7/8
5 TON-G15	197 LBS	5 TON	N/A	32-13/16	69-9/16	65-7/8
7.5 TON-G15	348 LBS	2.5 TON	5 TON	32-13/16	69-9/16	65-7/8
8 TON-G15	331 LBS	3 TON	5 TON	33-5/16	71-11/16	68
10 TON-G15	394 LBS	5 TON	5 TON	32-13/16	69-9/16	65-7/8
10 TON-G18	394 LBS	5 TON	5 TON	32-13/16	76-3/16	70-7/8
10 TON-920	394 LBS	5 TON	5 TON	32-13/16	97-3/16	91-15/16

R410A REFRIGERANT

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

	UNIT DIMENSIONS								CURB/RAIL			DISCHARGE OPENING				WATER INLET		DRAIN OPENING		FILTERS
MODEL	A	B	C	D	E	F	G	H	J	K	L	N	P	R	S	AA	AB	AC	AD	FILTER SIZE & QTY
D.250-G10	181-1/8	39-3/8	42-3/4	39	3-3/4	30-5/16	7-13/16	77-1/16	21	71	113-1/4	17-1/2	16	11	5-3/4	4-1/2	38-1/2	18	48-1/4	16"x20"x2" (8)
D.500-G10	181-1/8	39-3/8	42-3/4	39	3-3/4	30-5/16	7-13/16	77-1/16	21	71	113-1/4	17-1/2	16	11	5-3/4	4-1/2	38-1/2	18	48-1/4	16"x20"x2" (8)
D.250-G15	201-1/8	49-3/8	47-3/4	44	3-3/4	34-3/16	7-13/16	85-1/16	31	79	121-1/4	29-3/4	22-3/4	12-5/8	5-3/4	4-1/2	44	20	57-1/4	20"x25"x2" (8)
D.500-G15	201-1/8	49-3/8	47-3/4	44	3-3/4	34-3/16	7-13/16	85-1/16	31	79	121-1/4	29-3/4	22-3/4	12-5/8	5-3/4	4-1/2	44	20	57-1/4	20"x25"x2" (8)
D.750-G15	201-1/8	49-3/8	47-3/4	44	3-3/4	34-3/16	7-13/16	85-1/16	31	79	121-1/4	29-3/4	22-3/4	12-5/8	5-3/4	4-1/2	44	20	57-1/4	20"x25"x2" (8)
D.500-G18	200-3/8	54-3/8	56-3/8	51-1/8	5-1/4	47-1/4	9-1/2	90-1/16	35	84	126-1/4	29-5/8	30	11-1/2	7-3/8	4-1/2	41-1/8	23-1/2	52-7/8	16"x20"x2" (15)
D.750-G18	200-3/8	54-3/8	56-3/8	51-1/8	5-1/4	47-1/4	9-1/2	90-1/16	35	84	126-1/4	29-5/8	30	11-1/2	7-3/8	4-1/2	41-1/8	23-1/2	52-7/8	16"x20"x2" (15)
D.1000-G18	200-3/8	54-3/8	56-3/8	51-1/8	5-1/4	47-1/4	9-1/2	90-1/16	35	84	126-1/4	29-5/8	30	11-1/2	7-3/8	4-1/2	41-1/8	23-1/2	52-7/8	16"x20"x2" (15)
D.1000-920	243-9/16	60-7/16	64-3/8	59-1/8	5-1/4	49-5/8	13-9/16	120-5/8	42	115-3/16	169-1/2	36-3/4	34	12-1/2	7-3/8	4-1/2	41-1/8	28-7/8	52-7/8	20"x25"x2" (12)
D.1500-920	243-9/16	60-7/16	64-3/8	59-1/8	5-1/4	49-5/8	13-9/16	120-5/8	42	115-3/16	169-1/2	36-3/4	34	12-1/2	7-3/8	4-1/2	41-1/8	28-7/8	52-7/8	20"x25"x2" (12)



Direct Fired (DF) Profile Plate Assembl

UNIT INFORMATION

MODEL	BURNER LENGTH	BTU RANGE (MBH)		GAS PRESSURE		GAS CONNECTION	TONNAGE RANGE	
		BTU LOW	BTU HIGH	MIN	MAX	"T" (NPT)	MIN	MAX
D.250-G10	6"	18	275	7" WC	14" WC	3/4	2 Ton	5 Ton
D.500-G10	12"	18	550	7" WC	14" WC	3/4	2 Ton	5 Ton
D.250-G15	6"	18	275	7" WC	14" WC	1	2 Ton	5 Ton
D.500-G15	12"	18	550	7" WC	14" WC	1	5 Ton	10 Ton
D.750-G15	18"	27.5	825	7" WC	14" WC	1	5 Ton	10 Ton
D.500-G18	12"	18	550	7" WC	14" WC	1	5 Ton	10 Ton
D.750-G18	18"	27.5	825	7" WC	14" WC	1	5 Ton	10 Ton
D.1000-G18	24"	36.6	1100	7" WC	14" WC	1	10 Ton	10 Ton
D.1000-920	24"	36.6	1100	7" WC	5 PSI	1-1/4	10 Ton	10 Ton
D.1500-920	30"	45.8	1375	7" WC	5 PSI	1-1/4	10 Ton	10 Ton

CELDEK EVAPORATIVE COOLING UNIT			
TOT. WEIGHT	MEDIA SIZE & QTY	NOZZLES	MAX. FLOW RATE
1250 LBS	25"x32"x12"	20	6.5 GPH
1255 LBS	25"x32"x12"	20	6.5 GPH
1650 LBS	30"x36"x12"	28	8.4 GPH
1655 LBS	30"x36"x12"	28	8.4 GPH
1660 LBS	30"x36"x12"	28	8.4 GPH
2020 LBS	38"x43"x12"	35	10.15 GPH
2025 LBS	38"x43"x12"	35	10.15 GPH
2030 LBS	38"x43"x12"	35	10.15 GPH
3000 LBS	45"x54"x12"	42	12.6 GPH
3015 LBS	45"x54"x12"	42	12.6 GPH

*ADD CONDENSING UNIT WEIGHT TO WEIGHT IN TABLE ABOVE
**MAX. EVAP WATER PRESSURE = 50 PSI @ 70 DEG. F
MAX. DOOR OPENING 24" SMALLER THAN CURB OUTSIDE DIMENSION

Direct Fired Profile Plate Specifications:

Description:
Direct fired burners 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 0.5ppm of nitrogen dioxide (NO2).

Application:
Spring-loaded 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 them. With this feature, all DF units are designed for demand control ventilation (DCV) requirements.

Certifications:
All profile plate assemblies shall be included in the DF unit's ETL listing and comply with combined safety standards ANSI Z83.4 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 vary in size per unit.
-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.