

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MAX. ROOF OPENING 2' SMALLER THEN CURB OUTSIDE DIMENSION. EQUIPMENT USED IN PLACE OF SINGLE CURB 20' AND 25' BLOWERS

CURB/RAIL COMBINATION USED IN PLACE OF SINGLE CURB 20' AND 25' BLOWERS

MODEL	UNIT DIMENSIONS										CURB	DISCHARGE OPENING			WATER INLET DRAIN OPENING				
	A	B	C	D	E	F	G	H	I	J		K	N	P	R	S	U	V	X
D-250-G10	106-5/8	27-3/8	29-3/4	26-1/16	3-3/4	22-3/8	7-13/16	34-13/16	21	71	13-1/4	11-1/2	6-3/8	11-7/8	4-1/2	6-1/4	13	16	12
D-500-G10	106-5/8	27-3/8	29-3/4	26-1/16	3-3/4	22-3/8	7-13/16	34-13/16	21	71	13-1/4	11-1/2	6-3/8	11-7/8	4-1/2	6-1/4	13	16	12
D-250-G15	114-5/8	37-3/8	36-3/4	33-1/16	3-3/4	30-5/16	7-13/16	42-13/16	31	79	18-3/4	16	8-5/8	14-1/16	4-1/2	6-1/4	18	16	20
D-500-G15	114-5/8	37-3/8	36-3/4	33-1/16	3-3/4	30-5/16	7-13/16	42-13/16	31	79	18-3/4	16	8-5/8	14-1/16	4-1/2	6-1/4	18	16	20
D-750-G18	125-5/8	41-3/8	43-3/8	38-1/16	5-1/4	34-3/16	9-1/2	47-13/16	35	84	22	19	9	17-7/8	4-1/2	5-3/4	20	19	28
D-500-G18	125-5/8	41-3/8	43-3/8	38-1/16	5-1/4	34-3/16	9-1/2	47-13/16	35	84	22	19	9	17-7/8	4-1/2	5-3/4	20	19	28
D-1000-G18	125-5/8	41-3/8	43-3/8	38-1/16	5-1/4	34-3/16	9-1/2	47-13/16	35	84	22	19	9	17-7/8	4-1/2	5-3/4	20	19	28
D-2500-G25	153-7/8	48-7/16	51-3/8	46-1/8	5-1/4	49-5/8	13-3/4	76-7/16	42	115-3/16	24-7/8	24-7/8	11-1/16	19-1/8	4-1/2	5-3/4	23-1/2	17-1/2	42
D-5000-G25	153-7/8	48-7/16	51-3/8	46-1/8	5-1/4	49-5/8	13-3/4	76-7/16	42	115-3/16	24-7/8	24-7/8	11-1/16	19-1/8	4-1/2	5-3/4	23-1/2	17-1/2	42
D-25000-G25	153-7/8	48-7/16	51-3/8	46-1/8	5-1/4	49-5/8	13-3/4	76-7/16	42	115-3/16	24-7/8	24-7/8	11-1/16	19-1/8	4-1/2	5-3/4	23-1/2	17-1/2	42

UNIT INFORMATION

MODEL	BURNER LENGTH	BTU RANGE	GAS PRESSURE		GAS CONNECTION
			MIN	MAX	
D-250-G10	6"	18	7" WC	14" WC	3/4"
D-500-G10	12"	18	7" WC	14" WC	3/4"
D-500-G15	6"	18	7" WC	14" WC	3/4"
D-500-G15	12"	18	7" WC	14" WC	3/4"
D-750-G18	18"	18	7" WC	14" WC	1"
D-500-G18	12"	18	7" WC	14" WC	1"
D-750-G18	18"	18	7" WC	14" WC	1"
D-1000-G18	24"	36.6	7" WC	14" WC	1-1/4"
D-1000-G20	24"	36.6	7" WC	14" WC	1-1/4"
D-1500-G20	48"	43.8	7" WC	5 PSI	1-1/4"
D-2000-G25	30"	27.50	7" WC	5 PSI	1-1/2"
D-25000-G25	60"	91.6	7" WC	5 PSI	1-1/2"

**MAX. EVAP WATER PRESSURE = 50 PSI @ 70 DEG. F

Direct Fired Profile Plate Specifications

Direct fired burners shall have patented US Patent No. US6699232B2, 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 50ppm of carbon monoxide (CO), and 150ppm of nitrogen dioxide (NO2).

Application: Spring-loaded burner profile plates are engineered to automatically react to the momentum of fresh air stream. If air velocity or pressure drops, the plates will automatically adjust their position to maintain proper air velocity and pressure drop.

Direct Fired Profile Plate Assembly: The assemblies shall be included in the JP unit's ETL listing and comply with combined safety standards ANSI Z83.4 and CSA 3.7 from recirculating JP heaters and ANSI Z83.18 (recirculating JP heaters).

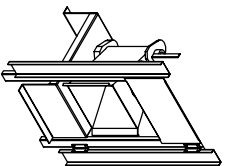
General Construction: Profile plates shall be formed from 680 galvanized steel.

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 proper torque, permanently mounted spring hinges.

Direct Fired (DF) Profile Plate Assembly



MODEL	STANDARD EVAPORATIVE COOLING UNIT			CELDEK EVAPORATIVE COOLING UNIT		
	TOT. WEIGHT	MEDIA SIZE & QTY	MAX. FLOW RATE	TOT. WEIGHT	MEDIA SIZE & QTY	MAX. FLOW RATE
D-250-G10	705 LBS	20"x25"x2" (3)	406 FPM	710 LBS	20"x24"x12"	1050 FPM
D-500-G10	990 LBS	16"x20"x2" (8)	429 FPM	985 LBS	25"x32"x12"	1080 FPM
D-750-G18	1170 LBS	20"x25"x2" (8)	348 FPM	1160 LBS	30"x36"x12"	1067 FPM
D-1000-G18	1170 LBS	20"x25"x2" (8)	348 FPM	1165 LBS	30"x36"x12"	1067 FPM
D-1000-G20	1875 LBS	16"x20"x2" (15)	572 FPM	1840 LBS	38"x43"x12"	1322 FPM
D-1500-G20	2475 LBS	16"x20"x2" (15)	572 FPM	2435 LBS	45"x54"x12"	1304 FPM
D-2500-G25	2490 LBS	20"x25"x2" (12)	638 FPM	2450 LBS	45"x54"x12"	1304 FPM

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