



ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.
 MAX. ROOF OPENING 2' SMALLER THEN CURB OUTSIDE DIMENSION
 CURB/RAIL COMBINATION USED IN PLACE OF SINGLE CURB ON UNITS WITH 20' AND 25' BLOWERS

MODEL	UNIT DIMENSIONS					G	CURB		DISCHARGE OPENING		WATER INLET DRAIN		FILTER OPENING		MAX. FILTER VELOCITY					
	A	B	C	D	E		H	J	K	P	R	S	U	W		X	Y			
D1250-G10	106-5/8	27-3/8	29-3/4	26-1/16	3-3/4	44-3/8	7-13/16	34-13/16	21	71	13-1/4	11-1/2	3-7/8	5-9/16	4-1/2	6-1/4	13	16	16"x20"x2" (3)	2300 CFM = 572 FPM
D1500-G10	106-5/8	27-3/8	29-3/4	26-1/16	3-3/4	44-3/8	7-13/16	34-13/16	21	71	13-1/4	11-1/2	3-7/8	5-9/16	4-1/2	6-1/4	13	16	16"x20"x2" (3)	2300 CFM = 572 FPM
D1500-G15	114-5/8	37-3/8	36-3/4	33-1/16	3-3/4	53-5/8	7-13/16	42-13/16	31	79	18-3/4	16	6-1/8	8-5/16	4-1/2	6-1/4	18	16	20"x25"x2" (3)	2600 CFM = 696 FPM
D1500-G18	114-5/8	37-3/8	36-3/4	33-1/16	3-3/4	53-5/8	7-13/16	42-13/16	31	79	18-3/4	16	6-1/8	8-5/16	4-1/2	6-1/4	18	16	20"x25"x2" (3)	2600 CFM = 696 FPM
D1500-G18	123-5/8	41-3/8	43-3/8	38-1/16	3-1/4	51-5/8	9-1/2	47-13/16	35	84	22	19	6-1/2	10-5/16	4-1/2	5-3/4	20	19	16"x20"x2" (6)	1800 CFM = 762 FPM
D1500-G18	123-5/8	41-3/8	43-3/8	38-1/16	3-1/4	51-5/8	9-1/2	47-13/16	35	84	22	19	6-1/2	10-5/16	4-1/2	5-3/4	20	19	16"x20"x2" (6)	1800 CFM = 762 FPM
D1000-920	153-7/8	48-7/16	51-3/8	46-1/8	5-1/4	76-3/8	13-9/16	66-5/16	42	115-3/16	24-7/8	24-7/8	8-9/16	10-5/8	4-1/2	23-1/2	17-1/2	16"x20"x2" (10)	1300 CFM = 743 FPM	
D1500-920	153-7/8	48-7/16	51-3/8	46-1/8	5-1/4	76-3/8	13-9/16	66-5/16	42	115-3/16	24-7/8	24-7/8	8-9/16	10-5/8	4-1/2	23-1/2	17-1/2	16"x20"x2" (10)	1300 CFM = 743 FPM	
D2000-925	163-7/8	59-3/16	58-3/8	53-1/8	5-1/4	71-3/8	13-3/4	76-7/16	52-3/4	125-3/16	31-3/8	31-3/8	10-11/16	12-7/8	4-1/2	28-7/8	17-1/2	20"x25"x2" (8)	2100 CFM = 913 FPM	
D2500-925	163-7/8	59-3/16	58-3/8	53-1/8	5-1/4	71-3/8	13-3/4	76-7/16	52-3/4	125-3/16	31-3/8	31-3/8	10-11/16	12-7/8	4-1/2	28-7/8	17-1/2	20"x25"x2" (8)	2100 CFM = 913 FPM	

MODEL	BURNER LENGTH	BTU RANGE (MBH)	GAS PRESSURE		GAS CONNECTION	STANDARD EVAPORATIVE COOLING UNIT		CELDEK EVAPORATIVE COOLING UNIT							
			MIN	MAX		TON	WT. & QTY	VEL. & MAX. CFM/NOZZLES	MAX. FLOW RATE						
D1250-G10	6"	18	2/5	14 WC	3/4	725 LBS	20"x25"x2" (3)	406 FPM	6	3 GPH	730 LBS	20"x24"x12"	1050 FPM	12	3.9 GPH
D1500-G10	6"	18	2/5	14 WC	3/4	730 LBS	20"x25"x2" (3)	406 FPM	6	3 GPH	735 LBS	20"x24"x12"	1050 FPM	12	3.9 GPH
D1500-G15	12"	18	2/5	14 WC	1	1020 LBS	16"x20"x2" (8)	429 FPM	10	5 GPH	1015 LBS	25"x32"x12"	1080 FPM	20	6.5 GPH
D1500-G15	12"	18	2/5	14 WC	1	1025 LBS	16"x20"x2" (8)	429 FPM	10	5 GPH	1020 LBS	25"x32"x12"	1080 FPM	20	6.5 GPH
D1500-G18	18"	18	2/5	14 WC	1	1210 LBS	16"x20"x2" (8)	429 FPM	14	7 GPH	1025 LBS	25"x32"x12"	1080 FPM	20	6.5 GPH
D1500-G18	18"	18	2/5	14 WC	1	1215 LBS	20"x25"x2" (8)	348 FPM	14	7 GPH	1205 LBS	30"x36"x12"	1067 FPM	28	8.4 GPH
D1000-920	24"	36.6	1100	7" WC	1-1/4	1965 LBS	16"x20"x2" (15)	572 FPM	24	12 GPH	1935 LBS	38"x43"x12"	1322 FPM	35	10.5 GPH
D1500-920	30"	45.8	1375	7" WC	1-1/4	1980 LBS	16"x20"x2" (15)	572 FPM	24	12 GPH	1950 LBS	38"x43"x12"	1322 FPM	35	10.5 GPH
D2000-925	48"	73.3	2200	7" WC	1-1/2	2565 LBS	20"x25"x2" (12)	628 FPM	30	15 GPH	2525 LBS	45"x54"x12"	1304 FPM	42	12.6 GPH
D2500-925	60"	91.6	2750	7" WC	1-1/2	2580 LBS	20"x25"x2" (12)	628 FPM	30	15 GPH	2540 LBS	45"x54"x12"	1304 FPM	42	12.6 GPH

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

Direct Fired Profile Plate Specifications
 Description: Direct fired burners shall have patented US Patent No. US6629238B2, 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 3ppm of carbon monoxide (CO) and 50ppm of nitrogen dioxide (NO2).
 Application: Spring-loaded burner profile plates are engineered to automatically react to the temperature of the burner. Profile plates are self-adjusting and are designed to operate properly with all burner 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 590 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.

Direct Fired (DF) Profile Plate Assembly