

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MAX. ROOF OPENING 2\"/>

CURB/RAIL COMBINATION USED IN PLACE OF SINGLE CURB ON UNITS WITH 20\"/>

MODEL	UNIT DIMENSIONS										STANDARD EVAPORATIVE COOLING UNIT										CELLULK EVAPORATIVE COOLING UNIT									
	A	B	C	D	E	F	G	H	J	K	N	P	R	S	U	W	X	Y	TOT. WEIGHT	MEDIA SIZE & QTY	VEL.	MAX. CFM	NOZZLES	MAX. FLOW RATE	TOT. WEIGHT	MEDIA SIZE & QTY	VEL.	MAX. CFM	NOZZLES	MAX. FLOW RATE
D1250-G10	138	7/8	27-3/8	29-3/4	26-1/16	3-3/4	422-3/8	7-13/16	34-13/16	21	71	13-1/4	11-1/2	3-7/8	5-9/16	4-1/2	38 1/2	13	48 1/4	805 LBS	20"x25"x2" (3)	3	406 FPM	6	3 GPH	805 LBS	20"x24"x12"	1050 FPM	12	3.9 GPH
D1500-G10	138	7/8	27-3/8	29-3/4	26-1/16	3-3/4	422-3/8	7-13/16	34-13/16	21	71	13-1/4	11-1/2	3-7/8	5-9/16	4-1/2	38 1/2	13	48 1/4	805 LBS	20"x25"x2" (3)	3	406 FPM	6	3 GPH	810 LBS	20"x24"x12"	1050 FPM	12	3.9 GPH
D1250-G15	146	7/8	27-3/8	29-3/4	26-1/16	3-3/4	422-3/8	7-13/16	34-13/16	21	79	18-3/4	16	6-1/8	8-5/16	4-1/2	38 1/2	18	48 1/4	1125 LBS	16"x20"x2" (8)	4.29 FPM	10	5 GPH	1125 LBS	25"x32"x12"	1080 FPM	20	6.5 GPH	
D1500-G15	146	7/8	27-3/8	29-3/4	26-1/16	3-3/4	422-3/8	7-13/16	34-13/16	21	79	18-3/4	16	6-1/8	8-5/16	4-1/2	38 1/2	18	48 1/4	1125 LBS	16"x20"x2" (8)	4.29 FPM	10	5 GPH	1125 LBS	25"x32"x12"	1080 FPM	20	6.5 GPH	
D1750-G15	146	7/8	27-3/8	29-3/4	26-1/16	3-3/4	422-3/8	7-13/16	34-13/16	21	79	18-3/4	16	6-1/8	8-5/16	4-1/2	38 1/2	18	48 1/4	1125 LBS	16"x20"x2" (8)	4.29 FPM	10	5 GPH	1125 LBS	25"x32"x12"	1080 FPM	20	6.5 GPH	
D1750-G18	163	7/8	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	6-1/2	10-5/16	4-1/2	44	20	57 1/4	1345 LBS	20"x25"x2" (8)	3.48 FPM	14	7 GPH	1335 LBS	30"x36"x12"	1067 FPM	28	8.4 GPH	
D1000-G18	163	7/8	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	6-1/2	10-5/16	4-1/2	44	20	57 1/4	1345 LBS	20"x25"x2" (8)	3.48 FPM	14	7 GPH	1335 LBS	30"x36"x12"	1067 FPM	28	8.4 GPH	
D1000-G20	189	1/4	48-7/16	51-3/8	46-1/8	5-1/4	47-1/4	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	41 1/8	23-1/2	52 7/8	2090 LBS	16"x20"x2" (15)	5.72 FPM	24	12 GPH	2075 LBS	38"x34"x12"	1322 FPM	35	10.15 GPH	
D1500-G20	189	1/4	48-7/16	51-3/8	46-1/8	5-1/4	47-1/4	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	41 1/8	23-1/2	52 7/8	2090 LBS	16"x20"x2" (15)	5.72 FPM	24	12 GPH	2075 LBS	38"x34"x12"	1322 FPM	35	10.15 GPH	
D12500-G25	199	1/4	58-3/16	58-3/8	53-1/8	5-1/4	49-5/8	13-3/4	76-7/16	52-3/4	125-3/16	31-3/8	31-3/8	10-1/16	12-7/8	4-1/2	41 1/8	28-7/8	52 7/8	2770 LBS	20"x25"x2" (12)	6.38 FPM	30	15 GPH	2730 LBS	45"x34"x12"	1304 FPM	42	12.6 GPH	
D12500-G25	199	1/4	58-3/16	58-3/8	53-1/8	5-1/4	49-5/8	13-3/4	76-7/16	52-3/4	125-3/16	31-3/8	31-3/8	10-1/16	12-7/8	4-1/2	41 1/8	28-7/8	52 7/8	2770 LBS	20"x25"x2" (12)	6.38 FPM	30	15 GPH	2745 LBS	45"x34"x12"	1304 FPM	42	12.6 GPH	

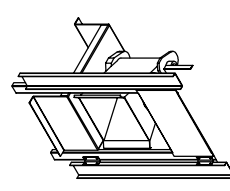
MAX. VAPOR PRESSURE = 50 PSI @ 70 DEG. F

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).

Applications: Spring-coiled burner profile plates are engineered to automatically react to the momentary of burner flame fluctuations. The burner profile plates are designed to be used with the burner. With this feature, all DF units are designed for demand control ventilation (DCV) requirements.

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.



Direct Fired (DF) Profile Plate Assembly