

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MODEL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	UU	V	X	Y	Z				
D1250-G10	138	7/8	27-3/8	29-3/4	26-1/16	3-3/4	36	7-1/3	3-1/8	16	3-3/4	21	7/8	5-3/4	13-1/4	11-1/2	6-3/8	7-1/4	31-1/8	73-1/4	105-3/8	4-1/2	188	1/2	13	48	1/4
D500-G10	138	7/8	27-3/8	29-3/4	26-1/16	3-3/4	36	7-1/3	3-1/8	16	3-3/4	21	7/8	5-3/4	13-1/4	11-1/2	6-3/8	7-1/4	31-1/8	73-1/4	105-3/8	4-1/2	188	1/2	13	48	1/4
D250-G15	146	7/8	37-3/8	36-3/4	33-1/16	3-3/4	44	7-1/3	3-1/8	16	3-3/4	28	7/8	5-3/4	13-1/4	11-1/2	6-3/8	7-1/4	31-1/8	73-1/4	105-3/8	4-1/2	188	1/2	13	48	1/4
D500-G15	146	7/8	37-3/8	36-3/4	33-1/16	3-3/4	44	7-1/3	3-1/8	16	3-3/4	28	7/8	5-3/4	13-1/4	11-1/2	6-3/8	7-1/4	31-1/8	73-1/4	105-3/8	4-1/2	188	1/2	13	48	1/4
D750-G15	146	7/8	37-3/8	36-3/4	33-1/16	3-3/4	44	7-1/3	3-1/8	16	3-3/4	28	7/8	5-3/4	13-1/4	11-1/2	6-3/8	7-1/4	31-1/8	73-1/4	105-3/8	4-1/2	188	1/2	13	48	1/4
D500-G18	163	7/8	41-3/8	43-3/8	38-1/16	5-1/4	60	9-1/2	4-5/8	29-1/4	33	7/8	7-1/2	22	19	12	44-1/8	86-1/4	124-3/8	81-1/4	113-3/8	4-1/2	188	1/2	18	48	1/4
D750-G18	163	7/8	41-3/8	43-3/8	38-1/16	5-1/4	60	9-1/2	4-5/8	29-1/4	33	7/8	7-1/2	22	19	12	44-1/8	86-1/4	124-3/8	81-1/4	113-3/8	4-1/2	188	1/2	18	48	1/4
D1000-G18	163	7/8	41-3/8	43-3/8	38-1/16	5-1/4	60	9-1/2	4-5/8	29-1/4	33	7/8	7-1/2	22	19	12	44-1/8	86-1/4	124-3/8	81-1/4	113-3/8	4-1/2	188	1/2	18	48	1/4
D1000-G20	189	1/8	48-7/16	51-3/8	45-1/8	5-1/4	60	13-9/16	4-5/8	36-1/4	41-7/8	7-1/2	24-7/8	24	19	12	44-1/8	86-1/4	124-3/8	81-1/4	113-3/8	4-1/2	188	1/2	18	48	1/4
D1500-G20	189	1/8	48-7/16	51-3/8	45-1/8	5-1/4	60	13-9/16	4-5/8	36-1/4	41-7/8	7-1/2	24-7/8	24	19	12	44-1/8	86-1/4	124-3/8	81-1/4	113-3/8	4-1/2	188	1/2	18	48	1/4
D2000-G25	48	7/32	73/32	77/32	71/32	5-1/4	60	13-9/16	4-5/8	36-1/4	41-7/8	7-1/2	24-7/8	24	19	12	44-1/8	86-1/4	124-3/8	81-1/4	113-3/8	4-1/2	188	1/2	18	48	1/4
D2500-G25	60	9/16	27/30	77/32	71/32	5-1/4	60	13-9/16	4-5/8	36-1/4	41-7/8	7-1/2	24-7/8	24	19	12	44-1/8	86-1/4	124-3/8	81-1/4	113-3/8	4-1/2	188	1/2	18	48	1/4

UNIT INFORMATION

MODEL	BURNER LENGTH	BTU LOW	BTU HIGH	GAS PRESSURE		GAS CONNECTION	STANDARD EVAPORATIVE COOLING UNIT		CELLULOSIC EVAPORATIVE COOLING UNIT		V-BANK FILTER SIZE & QTY																	
				MIN	MAX		TOT WEIGHT	MEDIA SIZE & QTY	TOT WEIGHT	MEDIA SIZE & QTY																		
D1250-G10	6"	18	275	7"	14"	WC	775 LBS	20"x25"x2" (3)	406 FPM	6	3 GPH	1050 FPM	12	3.9 GPH	20"x25"x2" (3)	1050 FPM	12	3.9 GPH	16"x20"x2" (8)	20	6.5 GPH	20"x25"x2" (12)	1304 FPM	42	12.6 GPH			
D500-G10	6"	18	275	7"	14"	WC	780 LBS	20"x25"x2" (3)	406 FPM	6	3 GPH	1085 LBS	20"x24"x12"	1050 FPM	12	3.9 GPH	1085 LBS	20"x24"x12"	1050 FPM	12	3.9 GPH	16"x20"x2" (8)	20	6.5 GPH	20"x25"x2" (12)	1304 FPM	42	12.6 GPH
D250-G15	12"	18	550	7"	14"	WC	1095 LBS	16"x20"x2" (8)	429 FPM	10	5 GPH	1090 LBS	25"x32"x12"	1080 FPM	20	6.5 GPH	1095 LBS	25"x32"x12"	1080 FPM	20	6.5 GPH	16"x20"x2" (8)	20	6.5 GPH	20"x25"x2" (12)	1304 FPM	42	12.6 GPH
D500-G15	12"	18	550	7"	14"	WC	1100 LBS	16"x20"x2" (8)	429 FPM	10	5 GPH	1100 LBS	20"x25"x2" (8)	348 FPM	14	7 GPH	1275 LBS	30"x36"x12"	1067 FPM	28	8.4 GPH	20"x25"x2" (8)	28	8.4 GPH	20"x25"x2" (12)	1304 FPM	42	12.6 GPH
D750-G15	12"	18	550	7"	14"	WC	1295 LBS	20"x25"x2" (8)	348 FPM	14	7 GPH	1295 LBS	20"x25"x2" (8)	348 FPM	14	7 GPH	1295 LBS	20"x25"x2" (8)	348 FPM	14	7 GPH	16"x20"x2" (15)	35	10.15 GPH	20"x25"x2" (12)	1304 FPM	42	12.6 GPH
D1000-G18	24"	36.6	1100	7"	14"	WC	1990 LBS	16"x20"x2" (15)	572 FPM	24	12 GPH	1975 LBS	38"x43"x12"	1322 FPM	35	10.15 GPH	1975 LBS	38"x43"x12"	1322 FPM	35	10.15 GPH	16"x20"x2" (15)	35	10.15 GPH	20"x25"x2" (12)	1304 FPM	42	12.6 GPH
D1500-G20	24"	45.8	1375	7"	14"	WC	2635 LBS	20"x25"x2" (12)	638 FPM	30	15 GPH	2595 LBS	45"x54"x12"	1304 FPM	42	12.6 GPH	2595 LBS	45"x54"x12"	1304 FPM	42	12.6 GPH	20"x25"x2" (12)	42	12.6 GPH	20"x25"x2" (12)	1304 FPM	42	12.6 GPH
D2000-G25	48"	73.3	2200	7"	14"	WC	2635 LBS	20"x25"x2" (12)	638 FPM	30	15 GPH	2595 LBS	45"x54"x12"	1304 FPM	42	12.6 GPH	2595 LBS	45"x54"x12"	1304 FPM	42	12.6 GPH	20"x25"x2" (12)	42	12.6 GPH	20"x25"x2" (12)	1304 FPM	42	12.6 GPH
D2500-G25	60"	91.6	2730	7"	14"	WC	2650 LBS	20"x25"x2" (12)	638 FPM	30	15 GPH	2610 LBS	45"x54"x12"	1304 FPM	42	12.6 GPH	2610 LBS	45"x54"x12"	1304 FPM	42	12.6 GPH	20"x25"x2" (12)	42	12.6 GPH	20"x25"x2" (12)	1304 FPM	42	12.6 GPH

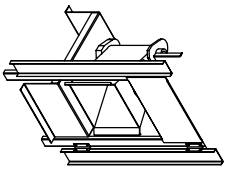
MAX. EVAP WATER PRESSURE = 50 PSI @ 70 DEG. F

Direct Fired Profile Plate Specifications

Direct fired burners shall have patented QIS Patent No. US6692382, self-adjusting plates designed to ensure proper air velocity and pressure drop across the burner. Profile plates shall allow burners to achieve clean combustion by lifting by Product levels to a maximum of 50ppm 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 air flow over the burner. The need for any manual adjustments is eliminated. The burner is self-adjusting. All DF units are designed for demand control ventilation (DCV) requirements.

General Construction: The burner is formed from 690 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 CP7 Profile Plate Assembly