

UNIT INFORMATION

MODEL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	W	X	Y	Z
D.250-G10	106-5/8	27-3/8	29-3/4	26-1/16	3-3/4	36	7-13/16	34-13/16	3-1/8	16-3/4	21-7/8	5-3/4	13-1/4	11-1/2	6-3/8	11-7/8	3-1/8	73-1/4	4-1/2	6-1/4	13	16
D.500-G10	106-5/8	27-3/8	29-3/4	26-1/16	3-3/4	36	7-13/16	34-13/16	3-1/8	16-3/4	21-7/8	5-3/4	13-1/4	11-1/2	6-3/8	11-7/8	3-1/8	73-1/4	4-1/2	6-1/4	13	16
D.250-G15	114-5/8	37-3/8	36-3/4	33-1/16	3-3/4	48	7-13/16	42-13/16	5-1/8	24-3/4	28-7/8	5-3/4	18-3/4	16	8-5/8	14-1/16	39-1/8	81-1/4	4-1/2	6-1/4	18	16
D.500-G15	114-5/8	37-3/8	36-3/4	33-1/16	3-3/4	48	7-13/16	42-13/16	5-1/8	24-3/4	28-7/8	5-3/4	18-3/4	16	8-5/8	14-1/16	39-1/8	81-1/4	4-1/2	6-1/4	18	16
D.750-G18	125-5/8	41-3/8	43-3/8	38-1/16	5-1/4	60	9-1/2	47-13/16	4-5/8	29-1/4	33-7/8	7-1/2	22	19	9	17-7/8	44-1/8	86-1/4	4-1/2	5-3/4	20	19
D.750-G18	125-5/8	41-3/8	43-3/8	38-1/16	5-1/4	60	9-1/2	47-13/16	4-5/8	29-1/4	33-7/8	7-1/2	22	19	9	17-7/8	44-1/8	86-1/4	4-1/2	5-3/4	20	19
D.1000-G18	125-5/8	41-3/8	43-3/8	38-1/16	5-1/4	60	9-1/2	47-13/16	4-5/8	29-1/4	33-7/8	7-1/2	22	19	9	17-7/8	44-1/8	86-1/4	4-1/2	5-3/4	20	19
D.1000-G18	125-5/8	41-3/8	43-3/8	38-1/16	5-1/4	60	9-1/2	47-13/16	4-5/8	29-1/4	33-7/8	7-1/2	22	19	9	17-7/8	44-1/8	86-1/4	4-1/2	5-3/4	20	19
D.1500-920	153-7/8	48-7/16	51-3/8	46-1/8	5-1/4	60	13-9/16	66-5/16	4-5/8	36-1/4	41-7/8	7-1/2	24-7/8	24-7/8	11-1/16	19	63-3/16	117-3/8	4-1/2	5-3/4	23-1/2	17-1/2
D.1500-920	153-7/8	48-7/16	51-3/8	46-1/8	5-1/4	60	13-9/16	66-5/16	4-5/8	36-1/4	41-7/8	7-1/2	24-7/8	24-7/8	11-1/16	19	63-3/16	117-3/8	4-1/2	5-3/4	23-1/2	17-1/2
D.2500-925	163-7/8	51-3/16	58-3/8	53-1/8	5-1/4	72	13-3/4	76-7/16	4-5/8	47	48-7/8	7-1/2	31-3/8	31-3/8	11-1/16	19	63-3/16	117-3/8	4-1/2	5-3/4	28-7/8	17-1/2
D.2500-925	163-7/8	51-3/16	58-3/8	53-1/8	5-1/4	72	13-3/4	76-7/16	4-5/8	47	48-7/8	7-1/2	31-3/8	31-3/8	11-1/16	19	63-3/16	117-3/8	4-1/2	5-3/4	28-7/8	17-1/2

MODEL	BURNER BTU RANGE (KMBH)		GAS PRESSURE		GAS CONNECTION		STANDARD EVAPORATIVE COOLING UNIT											CELDEK EVAPORATIVE COOLING UNIT										
	BTU LOW	BTU HIGH	MIN	MAX	INCHES	MM	TOT. WEIGHT	MEDIA SIZE & QTY	VEL. @ MAX. CFM/NOZZLES	MAX. FLOW RATE	TOT. WEIGHT	MEDIA SIZE & QTY	VEL. @ MAX. CFM/NOZZLES	MAX. FLOW RATE	TOT. WEIGHT	MEDIA SIZE & QTY	VEL. @ MAX. CFM/NOZZLES	MAX. FLOW RATE	TOT. WEIGHT	MEDIA SIZE & QTY	VEL. @ MAX. CFM/NOZZLES	MAX. FLOW RATE						
D.250-G10	6"	18"	2/5	7"	1/4"	WC	3/4	680 LBS	20"x25"x2" (3)	405 FPM	6	3	GPH	680 LBS	20"x24"x12"	1050 FPM	12	3.9	GPH	680 LBS	20"x24"x12"	1050 FPM	12	3.9	GPH			
D.500-G10	12"	18"	2/5	7"	1/4"	WC	3/4	685 LBS	20"x25"x2" (3)	405 FPM	6	3	GPH	690 LBS	20"x24"x12"	1050 FPM	12	3.9	GPH	690 LBS	20"x24"x12"	1050 FPM	12	3.9	GPH			
D.250-G15	6"	18"	2/5	7"	1/4"	WC	3/4	953 LBS	16"x20"x2" (8)	429 FPM	10	5	GPH	950 LBS	25"x32"x12"	1080 FPM	20	6.5	GPH	950 LBS	25"x32"x12"	1080 FPM	20	6.5	GPH			
D.500-G15	12"	18"	2/5	7"	1/4"	WC	3/4	953 LBS	16"x20"x2" (8)	429 FPM	10	5	GPH	960 LBS	25"x32"x12"	1080 FPM	20	6.5	GPH	960 LBS	25"x32"x12"	1080 FPM	20	6.5	GPH			
D.750-G18	12"	18"	2/5	7"	1/4"	WC	3/4	965 LBS	16"x20"x2" (8)	429 FPM	10	5	GPH	965 LBS	25"x32"x12"	1080 FPM	20	6.5	GPH	965 LBS	25"x32"x12"	1080 FPM	20	6.5	GPH			
D.750-G18	12"	18"	2/5	7"	1/4"	WC	3/4	965 LBS	16"x20"x2" (8)	429 FPM	10	5	GPH	1120 LBS	30"x36"x12"	1067 FPM	28	8.4	GPH	1120 LBS	30"x36"x12"	1067 FPM	28	8.4	GPH			
D.1000-G18	18"	27.5"	8.25	7"	1/4"	WC	1	1125 LBS	20"x25"x2" (8)	348 FPM	14	7	GPH	1125 LBS	30"x36"x12"	1067 FPM	28	8.4	GPH	1125 LBS	30"x36"x12"	1067 FPM	28	8.4	GPH			
D.1000-G18	18"	27.5"	8.25	7"	1/4"	WC	1	1130 LBS	20"x25"x2" (8)	348 FPM	14	7	GPH	1130 LBS	30"x36"x12"	1067 FPM	28	8.4	GPH	1130 LBS	30"x36"x12"	1067 FPM	28	8.4	GPH			
D.1500-920	24"	36.6"	11.00	7"	1/4"	WC	1-1/4	1755 LBS	16"x20"x2" (15)	572 FPM	24	12	GPH	1755 LBS	38"x43"x12"	1382 FPM	35	10.5	GPH	1755 LBS	38"x43"x12"	1382 FPM	35	10.5	GPH			
D.1500-920	30"	49.8"	13.75	7"	1/4"	WC	1-1/4	1770 LBS	16"x20"x2" (15)	572 FPM	24	12	GPH	1770 LBS	38"x43"x12"	1382 FPM	35	10.5	GPH	1770 LBS	38"x43"x12"	1382 FPM	35	10.5	GPH			
D.2500-925	48"	73.3"	22.00	7"	1/4"	WC	1-1/2	2340 LBS	20"x25"x2" (12)	638 FPM	30	15	GPH	2300 LBS	45"x54"x12"	1304 FPM	42	12.6	GPH	2300 LBS	45"x54"x12"	1304 FPM	42	12.6	GPH			
D.2500-925	60"	91.6"	27.50	7"	1/4"	WC	1-1/2	2315 LBS	20"x25"x2" (12)	638 FPM	30	15	GPH	2315 LBS	45"x54"x12"	1304 FPM	42	12.6	GPH	2315 LBS	45"x54"x12"	1304 FPM	42	12.6	GPH			

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

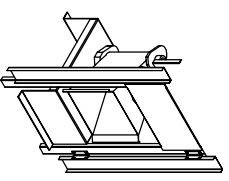
Direct Fired Profile Plate Specifications:

Description: Direct fired burners shall have patented QUS Patent No. US6699238B2, 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 50ppm of nitrogen dioxide (NO2).

Application: Spring-coated burner profile plates are engineered to automatically react to the nonuniform of burner heat input. The burner profile plates are designed to react to the burner heat input. With this feature, all DF units are designed for demand control ventilation (DCV) requirements.

General Construction: All safety standards ANSI Z89.4 and CSA 37 from recirculating DF heaters) and ANSI Z89.4 (recirculating DF heaters).

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