

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MAX ROOF OPENING 2" SMALLER THAN CURB OUTSIDE DIMENSION

CURB/RAIL COMBINATION USED IN PLACE OF SINGLE CURB DN UNITS WITH 20" AND 25" BLOWERS

MODEL	A	B	C	D	E	F	G	H	J	K	N	P	R	S	U	W	X	Y	
D.250-G10	138	7/8	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	38 1/2	13	48 1/4
D.500-G10	138	7/8	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	38 1/2	13	48 1/4
D.250-G15	146	7/8	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	38 1/2	18	48 1/4
D.500-G15	146	7/8	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	38 1/2	18	48 1/4
D.750-G15	146	7/8	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	38 1/2	18	48 1/4
D.1000-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	9	17-7/8	4-1/2	44	20	57 1/4
D.1500-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	9	17-7/8	4-1/2	44	20	57 1/4
D.2000-G20	189	1/4	48-7/16	51-3/8	46-1/8	5-1/4	47-1/4	13-9/16	56-5/16	42	115-3/16	24-7/8	24-7/8	11-1/16	19-1/8	4-1/2	41 1/8	23-1/2	52 7/8
D.2500-G25	199	1/4	59-3/16	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	13-3/16	21-9/16	4-1/2	41 1/8	28-7/8	52 7/8
D.2500-G25	199	1/4	59-3/16	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	13-3/16	21-9/16	4-1/2	41 1/8	28-7/8	52 7/8

MODEL	BURNER LENGTH	BTU RANGE (MBH)	GAS PRESSURE (WC)	GAS CONNECTION	TOT. WEIGHT MEDIA SIZE & QTY VEL. @ MAX CFM/NOZZLES	MAX. FLOW RATE	TOT. WEIGHT MEDIA SIZE & QTY VEL. @ MAX CFM/NOZZLES	MAX. FLOW RATE	V-BANK FILTER FILTER SIZE & QTY
D.250-G10	6"	18	7" WC 14" WC	1/2" NPT	800 LBS 20"x25"x2" (3)	406 FPM	6	3 GPH	20"x25"x2" (3)
D.500-G10	12"	18	7" WC 14" WC	3/4"	1125 LBS 16"x20"x2" (8)	429 FPM	10	5 GPH	16"x20"x2" (8)
D.750-G15	12"	18	7" WC 14" WC	1"	1130 LBS 16"x20"x2" (8)	429 FPM	10	5 GPH	16"x20"x2" (8)
D.1000-G18	12"	18	7" WC 14" WC	1"	1133 LBS 16"x20"x2" (8)	429 FPM	10	5 GPH	16"x20"x2" (8)
D.1500-G18	18"	27.5	7" WC 14" WC	1"	1335 LBS 20"x25"x2" (8)	348 FPM	14	7 GPH	20"x25"x2" (8)
D.2000-G20	24"	36.6	7" WC 14" WC	1-1/4"	1340 LBS 20"x25"x2" (8)	348 FPM	14	7 GPH	20"x25"x2" (8)
D.2500-G25	30"	45.8	7" WC 5 PSI	1-1/4"	2090 LBS 16"x20"x2" (15)	572 FPM	24	12 GPH	16"x20"x2" (15)
D.2500-G25	48"	73.3	7" WC 5 PSI	1-1/2"	2770 LBS 20"x25"x2" (12)	638 FPM	30	15 GPH	20"x25"x2" (12)
D.2500-G25	60"	91.6	7" WC 5 PSI	1-1/2"	2785 LBS 20"x25"x2" (12)	638 FPM	30	15 GPH	20"x25"x2" (12)

**UNIT INFORMATION**

**Direct Fired Profile Plate Specifications:**

Direct fired burners shall have patented US Patent No. US5662952B2, 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-loaded burner profile plates are engineered to automatically react to the movement of the burner. Profile plates are designed to be used in conjunction with the burner. When this feature, all DF units are designed for demand control ventilation (DCV) requirements.

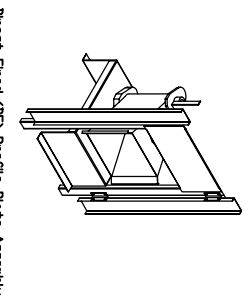
**General Construction:**

Profile plates shall be 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.



**STANDARD EVAPORATIVE COOLING UNIT**

**CELDEK EVAPORATIVE COOLING UNIT**

**V-BANK FILTER**