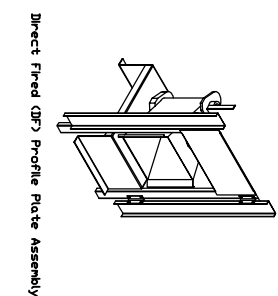


ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.  
 UNIT DIMENSIONS  
 MAX. ROOF OPENING 2" SMALLER THEN CURB OUTSIDE DIMENSION.  
 1-1/2" ON G15 UNITS ONLY

MODEL	A	B	BB	C	CC	D	DD	EE	F	G	H	J	K	L	N	P	R	S	T	U	V	X	
D-250-G10	181-1/8	27-3/8	36-3/4	29-3/4	36-3/4	26-1/16	33	3-3/4	3-3/4	30-5/16	7-13/16	34-13/16	21	102-7/16	13-1/4	11-1/2	6-3/8	11-7/8	8	14	12-1/2	18	
D-500-G10	181-1/8	27-3/8	36-3/4	29-3/4	36-3/4	26-1/16	33	3-3/4	3-3/4	30-5/16	7-13/16	34-13/16	21	102-7/16	13-1/4	11-1/2	6-3/8	11-7/8	8	14	12-1/2	18	
D-250-G15	195-1/8	37-3/8	40-3/4	36-3/4	43-3/8	33-1/16	38-1/8	3-3/4	5-1/4	34-3/16	7-13/16	42-13/16	31	115-7/16	18-3/4	16	8-5/8	14-1/16	22-3/4	8	11	7-1/2	24
D-500-G15	195-1/8	37-3/8	40-3/4	36-3/4	43-3/8	33-1/16	38-1/8	3-3/4	5-1/4	34-3/16	7-13/16	42-13/16	31	115-7/16	18-3/4	16	8-5/8	14-1/16	22-3/4	8	11	7-1/2	24
D-750-G15	195-1/8	37-3/8	40-3/4	36-3/4	43-3/8	33-1/16	38-1/8	3-3/4	5-1/4	34-3/16	7-13/16	42-13/16	31	115-7/16	18-3/4	16	8-5/8	14-1/16	22-3/4	8	11	7-1/2	24
D-500-G18	203-1/8	41-3/8	47-7/8	43-3/8	51-3/8	38-1/16	46-1/8	5-1/4	5-1/4	47-1/4	9-1/2	47-13/16	35	123-7/16	22	19	9	17-7/8	28	8	7	4-1/2	30
D-750-G18	203-1/8	41-3/8	47-7/8	43-3/8	51-3/8	38-1/16	46-1/8	5-1/4	5-1/4	47-1/4	9-1/2	47-13/16	35	123-7/16	22	19	9	17-7/8	28	8	7	4-1/2	30
D-1000-G18	203-1/8	41-3/8	47-7/8	43-3/8	51-3/8	38-1/16	46-1/8	5-1/4	5-1/4	47-1/4	9-1/2	47-13/16	35	123-7/16	22	19	9	17-7/8	28	8	7	4-1/2	30
D-1000-G20	243-9/16	48-1/8	58-5/8	51-3/8	58-3/8	46-1/8	53-1/8	5-1/4	5-1/4	49-5/8	13-9/16	66-5/16	42	115-3/16	24-7/8	24-7/8	11-1/16	19	33	10	11	8	36
D-1500-G20	243-9/16	48-1/8	58-5/8	51-3/8	58-3/8	46-1/8	53-1/8	5-1/4	5-1/4	49-5/8	13-9/16	66-5/16	42	115-3/16	24-7/8	24-7/8	11-1/16	19	33	10	11	8	36
D-2500-G25	283-9/16	58-1/2	74-7/8	58-3/8	74-7/8	53-1/8	61-1/8	5-1/4	5-1/4	57-1/2	16-1/2	81-1/2	48	139-1/2	31-3/8	31-3/8	13-3/16	21-1/4	43	10	6-1/2	11-1/4	43
D-2500-G25	283-9/16	58-1/2	74-7/8	58-3/8	74-7/8	53-1/8	61-1/8	5-1/4	5-1/4	57-1/2	16-1/2	81-1/2	48	139-1/2	31-3/8	31-3/8	13-3/16	21-1/4	43	10	6-1/2	11-1/4	43

MODEL	BURNER BTU RANGE (MBH)		GAS PRESSURE		GAS CONNECTION		CELDEK EVAPORATIVE COOLING UNIT		V-BANK FILTER		WATER INLET DRAIN OPENING		OPTIONAL MIXING BOX FILTERS		
	MIN.	MAX.	MIN.	MAX.	1" NPT	3/4"	TOT. WEIGHT	MEDIA SIZE & QTY	NOZZLES	MAX. FLOW RATE	AA	AB	AC	AD	FILTER SIZE & QTY
D-250-G10	6"	18	2/5	7/8	1/4"	3/4"	1050 LBS	25"x32"x12"	20	6.5 GPH	4-1/2	38-1/2	18	48-1/4	16"x20"x2" (8)
D-500-G10	12"	18	5/5	7/8	1/4"	3/4"	1055 LBS	25"x32"x12"	20	6.5 GPH	4-1/2	38-1/2	18	48-1/4	16"x20"x2" (8)
D-250-G15	6"	18	2/5	7/8	1/4"	3/4"	1433 LBS	30"x36"x12"	28	8.4 GPH	4-1/2	44	20	57-1/4	20"x25"x2" (8)
D-500-G15	12"	18	5/5	7/8	1/4"	3/4"	1440 LBS	30"x36"x12"	28	8.4 GPH	4-1/2	44	20	57-1/4	20"x25"x2" (8)
D-750-G15	18"	27.5	8/5	7/8	1/4"	3/4"	1745 LBS	38"x43"x12"	28	10.15 GPH	4-1/2	44	20	57-1/4	20"x25"x2" (8)
D-500-G18	12"	18	5/5	7/8	1/4"	3/4"	1495 LBS	30"x36"x12"	28	8.4 GPH	4-1/2	44	20	57-1/4	20"x25"x2" (8)
D-750-G18	18"	27.5	8/5	7/8	1/4"	3/4"	1745 LBS	38"x43"x12"	28	10.15 GPH	4-1/2	44	20	57-1/4	20"x25"x2" (8)
D-1000-G18	24"	36.6	11/5	7/8	1/4"	3/4"	1800 LBS	38"x43"x12"	35	10.15 GPH	4-1/2	41-1/8	23-1/2	52-7/8	16"x20"x2" (15)
D-1000-G20	24"	36.6	11/5	7/8	1/4"	3/4"	1800 LBS	38"x43"x12"	35	10.15 GPH	4-1/2	41-1/8	23-1/2	52-7/8	16"x20"x2" (15)
D-1500-G20	30"	43.8	13/5	7/8	5 PSI	1-1/4"	2295 LBS	45"x54"x12"	42	12.6 GPH	4-1/2	41-1/8	28-7/8	52-7/8	20"x25"x2" (12)
D-2000-G25	48"	73.3	22/5	7/8	5 PSI	1-1/2"	3440 LBS	45"x54"x12"	57	20.1 GPH	4-1/2	41-1/8	28-7/8	52-7/8	20"x25"x2" (12)
D-2500-G25	60"	91.6	27/5	7/8	5 PSI	1-1/2"	3455 LBS	45"x72"x12"	57	20.1 GPH	4-1/2	41-1/8	37-1/2	52-7/8	20"x25"x2" (12)

**Direct Fired Profile Plate Specifications:**  
 Direct fired burners shall have patented US Patents No. US5629523B2, 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 0.5ppm of nitrogen dioxide (NO2).  
**Application:**  
 Spring-loaded burner profile plates are engineered to automatically react to the momentum of a fresh air stream, without the need for dry rotors or actuators to mechanically adjust them. With this feature, all DF units are designed for demand control ventilation (DCV) requirements.  
**Labels/Markings:**  
 Labels and markings shall be included in the DF units. ETL listing and comply with combined UL 6187 and UL 6188. Labels shall include the following information: ETL listing and comply with combined UL 6187 and UL 6188. Labels shall include the following information: ETL listing and comply with combined UL 6187 and UL 6188.  
**General Construction:**  
 Burners 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