

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MAX. ROOF OPENING 2" SMALLER THEN CURB OUTSIDE DIMENSION.

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

MODEL	UNIT DIMENSIONS										CURB										DISCHARGE OPENING										RETURN OPENING									
	A	B	BB	C	CC	D	DD	E	EE	F	G	H	I	J	K	L	N	P	R	S	T	U	V	X	Y															
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	71	102-7/16	13-1/4	11-1/2	3-7/8	1-3/4	14	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	71	102-7/16	13-1/4	11-1/2	3-7/8	1-3/4	14	14	12-1/2	18																	
D-250-G15	199-1/8	37-3/8	40-3/4	36-3/4	43-3/8	38-1/8	33	3-3/4	3-3/4	34-3/16	7-13/16	42-13/16	31	79	115-7/16	18-3/4	16	6-1/8	5-1/2	22-3/4	8	11	7-1/2	24																
D-500-G15	199-1/8	37-3/8	40-3/4	36-3/4	43-3/8	38-1/8	33	3-3/4	3-3/4	34-3/16	7-13/16	42-13/16	31	79	115-7/16	18-3/4	16	6-1/8	5-1/2	22-3/4	8	11	7-1/2	24																
D-750-G15	199-1/8	37-3/8	40-3/4	36-3/4	43-3/8	38-1/8	33	3-3/4	3-3/4	34-3/16	7-13/16	42-13/16	31	79	115-7/16	18-3/4	16	6-1/8	5-1/2	22-3/4	8	11	7-1/2	24																
D-1000-G15	203-1/8	41-3/8	47-7/8	43-3/8	51-3/8	46-1/8	38	3-3/4	3-3/4	38-1/16	9-1/2	47-13/16	35	84	123-7/16	22	19	6-1/2	7	28	8	7	4-1/2	30																
D-1500-G15	203-1/8	41-3/8	47-7/8	43-3/8	51-3/8	46-1/8	38	3-3/4	3-3/4	38-1/16	9-1/2	47-13/16	35	84	123-7/16	22	19	6-1/2	7	28	8	7	4-1/2	30																
D-2500-G15	253-9/16	58-3/8	66-3/4	51-3/8	63-3/8	53-1/8	46	4-1/2	4-1/2	49-5/8	13-3/4	66-5/16	42	115-3/16	24-7/8	24-7/8	8-9/16	1-1/8	33	10	11	8	36																	
D-2500-G25	253-9/16	58-3/8	66-3/4	51-3/8	63-3/8	53-1/8	46	4-1/2	4-1/2	49-5/8	13-3/4	66-5/16	42	115-3/16	24-7/8	24-7/8	8-9/16	1-1/8	33	10	11	8	36																	

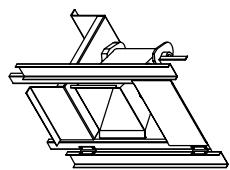
MODEL	BURNER		BTU RANGE (MBH)		GAS PRESSURE		GAS CONNECTION		CELDEK EVAPORATIVE COOLING UNIT		V-BANK FILTER		WATER INLET DRAIN OPENING		OPTIONAL MIXING BOX FILTERS		
	LENGTH	BTU L/DV	BTU HIGH	MIN.	MAX.	7" (NPT)	1" (NPT)	TOT. WEIGHT	MEDIA SIZE & QTY	NOZZLES	MAX. FLOW RATE	AA	AB	AC	AD	FLTR SIZE & QTY	FLTR SIZE & QTY
D-250-G10	6'	18	275	7" WC	14" WC	3/4	3/4	1050 LBS	25"x32"x12"	20	6.5 GPH	4-1/2	38-1/2	18	48-1/4	10"x16"x2" (5)	10"x16"x2" (5)
D-500-G10	12'	18	550	7" WC	14" WC	3/4	3/4	1055 LBS	25"x32"x12"	20	6.5 GPH	4-1/2	38-1/2	18	48-1/4	10"x16"x2" (5)	10"x16"x2" (5)
D-250-G15	12'	18	275	7" WC	14" WC	1	1	1430 LBS	30"x36"x12"	28	8.4 GPH	4-1/2	44	20	57-1/4	20"x25"x2" (8)	20"x25"x2" (8)
D-500-G15	12'	18	550	7" WC	14" WC	1	1	1440 LBS	30"x36"x12"	28	8.4 GPH	4-1/2	44	20	57-1/4	20"x25"x2" (8)	20"x25"x2" (8)
D-750-G15	18'	18	825	7" WC	14" WC	1	1	1445 LBS	30"x36"x12"	28	8.4 GPH	4-1/2	44	20	57-1/4	20"x25"x2" (8)	20"x25"x2" (8)
D-1000-G15	18'	18	550	7" WC	14" WC	1	1	1795 LBS	38"x43"x12"	35	10.15 GPH	4-1/2	44	23-1/2	52-7/8	15"x20"x2" (4)	15"x15"x2" (2)
D-1500-G15	18'	27.5	825	7" WC	14" WC	1	1	1800 LBS	38"x43"x12"	35	10.15 GPH	4-1/2	41-1/8	23-1/2	52-7/8	15"x20"x2" (4)	15"x15"x2" (2)
D-2500-G15	24'	36.6	1100	7" WC	14" WC	1	1-1/4	1805 LBS	38"x43"x12"	35	10.15 GPH	4-1/2	41-1/8	28-7/8	52-7/8	15"x20"x2" (4)	15"x15"x2" (2)
D-1000-G20	24'	36.6	1100	7" WC	14" WC	1	1-1/4	2695 LBS	45"x54"x12"	42	12.6 GPH	4-1/2	41-1/8	28-7/8	52-7/8	15"x20"x2" (4)	15"x15"x2" (2)
D-1500-G20	30'	45.8	1375	7" WC	5 PSI	1-1/4	1-1/4	2710 LBS	45"x54"x12"	42	12.6 GPH	4-1/2	41-1/8	28-7/8	52-7/8	15"x20"x2" (4)	15"x15"x2" (2)
D-2000-G25	48'	73.3	2200	7" WC	5 PSI	1-1/2	1-1/2	3440 LBS	45"x72"x12"	57	20.1 GPH	4-1/2	41-1/8	37-1/2	52-7/8	14.5"x19"x2" (12)	14.5"x19"x2" (12)
D-2500-G25	60'	91.6	2750	7" WC	5 PSI	1-1/2	1-1/2	3455 LBS	45"x72"x12"	57	20.1 GPH	4-1/2	41-1/8	37-1/2	52-7/8	14.5"x19"x2" (12)	14.5"x19"x2" (12)

**Direct Fired Burner Specifications:**  
Direct fired burners shall have patented DIS Patent No. US6699232B2, self-adjusting profile valves designed to ensure proper air velocity and pressure by lifting by-product moisture. Profile valves shall allow burners to achieve clean combustion by lifting by-product moisture to a maximum of 50ppm of carbon monoxide (CO), and 50ppm of nitrogen dioxide (NO2).

**Applications:**  
Spring-loaded burner profile plates are engineered to automatically react to the momentum of steam, preventing them from the need for air motors or actuators to mechanically adjust them. High static resistance, all JP units are designed for demand control ventilation (DCV) requirements.

**Accessories:**  
Profile plate assemblies shall be included in the JP units. ETL listing and comply with combined NSF International ANSI Z83.4 and CSA 37 (non-recirculating JP heaters) and ANSI Z83.18 (recirculating JP heaters).

**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 proper torque, permanently mounted spring hinges.



Direct Fired (DF) Profile Plate Assembly