

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MAX. ROOF OPENING 2" SMALLER THAN CURB OUTSIDE DIMENSION

20 IN HIGH EQUIPMENT CURB & RAIL

CURB/RAIL COMBINATION USED ON UNITS WITH 20" AND 25" BLOWERS

MODEL	UNIT DIMENSIONS													CURB					DISCHARGE OPENING				
	A	B	C	D	E	F	G	H	J	K	L	N	P	R	S	T	U	V	X				
D250-G10	825 LBS	148-7/8	E7-3/8	29-3/4	26-1/16	3-3/4	22-3/8	34-13/16	21	71	102-7/16	13-1/4	11-1/2	6-3/8	11-7/8	14	8	14	12-1/2	18			
D500-G10	830 LBS	148-7/8	E7-3/8	29-3/4	26-1/16	3-3/4	22-3/8	34-13/16	21	71	102-7/16	13-1/4	11-1/2	6-3/8	11-7/8	14	8	14	12-1/2	18			
D250-G15	1160 LBS	156-7/8	37-3/8	36-3/4	33-1/16	3-3/4	30-5/16	7-13/16	31	79	115-7/16	18-3/4	16	8-5/8	14-1/16	22-3/4	8	11	7-1/2	24			
D500-G15	1165 LBS	156-7/8	37-3/8	36-3/4	33-1/16	3-3/4	30-5/16	7-13/16	31	79	115-7/16	18-3/4	16	8-5/8	14-1/16	22-3/4	8	11	7-1/2	24			
D750-G15	1170 LBS	156-7/8	37-3/8	36-3/4	33-1/16	3-3/4	30-5/16	7-13/16	31	79	115-7/16	18-3/4	16	8-5/8	14-1/16	22-3/4	8	11	7-1/2	24			
D500-G18	1375 LBS	167-7/8	41-3/8	43-3/8	38-1/16	5-1/4	34-3/16	9-1/2	47-13/16	35	84	123-7/16	22	19	17-7/8	28	8	7	4-1/2	30			
D750-G18	1380 LBS	167-7/8	41-3/8	43-3/8	38-1/16	5-1/4	34-3/16	9-1/2	47-13/16	35	84	123-7/16	22	19	17-7/8	28	8	7	4-1/2	30			
D1000-G18	1385 LBS	167-7/8	41-3/8	43-3/8	38-1/16	5-1/4	34-3/16	9-1/2	47-13/16	35	84	123-7/16	22	19	17-7/8	28	8	7	4-1/2	30			
D250-G20	2235 LBS	208-3/16	48-7/16	51-3/8	46-1/8	5-1/4	47-1/4	13-9/16	66-5/16	42	115-3/16	163-3/16	24-7/8	11-1/16	19-1/8	33	10	11	8	36			
D500-G20	2240 LBS	208-3/16	48-7/16	51-3/8	46-1/8	5-1/4	47-1/4	13-9/16	66-5/16	42	115-3/16	163-3/16	24-7/8	11-1/16	19-1/8	33	10	11	8	36			
D2000-G25	2940 LBS	218-3/16	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	179-15/16	31-3/8	13-3/16	21-9/16	43	10	6-1/2	1-1/4	43			
D2500-G25	2955 LBS	218-3/16	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	179-15/16	31-3/8	13-3/16	21-9/16	43	10	6-1/2	1-1/4	43			

MODEL	BTU RANGE (AMBH)		GAS PRESSURE		GAS CONNECTION		FILTERS		OPTIONAL MIXING BOX FILTERS	
	BURNER LENGTH	BTU LOW	MIN	MAX	1" (NPT)	3/4"	FILTER SIZE & QTY	MAX. FILTER VELOCITY	FILTER SIZE & QTY	FILTER SIZE & QTY
D250-G10	6'	18	7" WC	14" WC	3/4	3/4	20"x25"x2" (3)	3000 CFM = 348 FPM	10"x16"x2" (5)	10"x16"x2" (5)
D500-G10	12'	18	7" WC	14" WC	3/4	3/4	20"x25"x2" (3)	6000 CFM = 428 FPM	16"x20"x2" (8)	16"x20"x2" (8)
D250-G15	6'	18	7" WC	14" WC	1	1	16"x20"x2" (8)	6000 CFM = 428 FPM	20"x25"x2" (2)	16"x25"x2" (2)
D500-G15	12'	18	7" WC	14" WC	1	1	16"x20"x2" (8)	6000 CFM = 428 FPM	20"x25"x2" (2)	16"x25"x2" (2)
D750-G15	18'	27.5	7" WC	14" WC	1	1	20"x25"x2" (8)	8000 CFM = 348 FPM	15"x20"x2" (4)	15"x15"x2" (2)
D500-G18	12'	18	7" WC	14" WC	1	1	20"x25"x2" (8)	8000 CFM = 348 FPM	15"x20"x2" (4)	15"x15"x2" (2)
D750-G18	18'	27.5	7" WC	14" WC	1	1	20"x25"x2" (8)	8000 CFM = 348 FPM	15"x20"x2" (4)	15"x15"x2" (2)
D1000-G18	24'	36.6	7" WC	14" WC	1	1	20"x25"x2" (8)	8000 CFM = 348 FPM	18"x25"x2" (4)	15"x15"x2" (2)
D1000-G20	24'	36.6	7" WC	14" WC	1	1	20"x25"x2" (8)	8000 CFM = 348 FPM	18"x25"x2" (4)	15"x15"x2" (2)
D1500-G20	30'	45.8	7" WC	13.75"	1-1/4	1-1/4	16"x20"x2" (15)	3000 CFM = 495 FPM	18"x25"x2" (4)	16"x20"x2" (2)
D2000-G25	48'	73.3	7" WC	5 PSI	1-1/2	1-1/2	20"x25"x2" (12)	2100 CFM = 609 FPM	14.5"x19"x2" (12)	14.5"x19"x2" (12)
D2500-G25	60'	91.6	7" WC	5 PSI	1-1/2	1-1/2	20"x25"x2" (12)	2100 CFM = 609 FPM	14.5"x19"x2" (12)	14.5"x19"x2" (12)

Direct Fired Profile Plate Specifications:

Direct fired burners shall have patented QIS Patent No. US669232B2, self-adjusting profile plates designed to ensure proper air velocity and pressure drop during the burner. Profile plates shall allow burners to achieve clean combustion by limiting by-product levels to a maximum of 5ppm of carbon monoxide (CO), and 50ppm of nitrogen dioxide (NO2).

Application:

Spring-loaded burner profile plates are engineered to automatically react to the momentum of the burner flame. The plates are held in place by the momentum of the burner flame. The plates are held in place by the momentum of the burner flame. The plates are held in place by the momentum of the burner flame.

Standards:

All burner units are designed to meet or exceed the following standards: ANSI Z89.4 and CSA 37 (non-recirculating JP heaters) and ANSI Z89.18 (recirculating JP heaters).

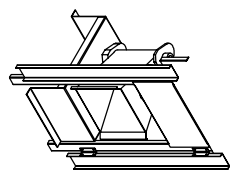
General Construction:

Profile plates shall be formed from 600 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