

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 ON UNITS
WITH 20" AND 25" BLOWERS

MODEL	WEIGHT	A	B	C	D	E	F	G	H	J	K	L	N	P	R	S
D1250-G10	1105 LBS	167-1/4	39-3/8	42-3/4	39	3-3/4	22-3/8	7-13/16	95-7/16	21	71	131-5/8	3-9/16	13-7/8	1-13/16	11-1/2
D1500-G10	1490 LBS	167-1/4	39-3/8	42-3/4	39	3-3/4	22-3/8	7-13/16	95-7/16	21	71	131-5/8	3-9/16	13-7/8	1-13/16	11-1/2
D1500-G15	1490 LBS	181-1/4	49-3/8	47-3/4	44	3-3/4	30-5/16	7-13/16	109-7/16	31	79	145-5/8	4-5/16	22-3/8	1-9/16	18
D1500-G18	1745 LBS	181-1/4	49-3/8	47-3/4	44	3-3/4	30-5/16	7-13/16	109-7/16	31	79	145-5/8	4-5/16	22-3/8	1-9/16	18
D1500-G18	1745 LBS	192-1/4	54-3/8	56-3/8	51-1/8	5-1/4	34-3/16	9-1/2	114-7/16	35	84	150-5/8	5-1/16	22-3/8	1-1/2	18
D1500-G18	1745 LBS	192-1/4	54-3/8	56-3/8	51-1/8	5-1/4	34-3/16	9-1/2	114-7/16	35	84	150-5/8	5-1/16	22-3/8	1-1/2	18
D1500-G20	2745 LBS	238-9/16	60-7/16	64-3/8	59-1/8	5-1/4	47-1/4	13-9/16	151	42	115-3/16	199-7/8	5-1/4	31-1/2	1-13/16	23-1/2
D1500-G20	2745 LBS	238-9/16	60-7/16	64-3/8	59-1/8	5-1/4	47-1/4	13-9/16	151	42	115-3/16	199-7/8	5-1/4	31-1/2	1-13/16	23-1/2
D2500-G25	3515 LBS	248-9/16	79-7/16	68-7/16	63-3/16	5-1/4	49-5/8	13-3/4	161-1/8	52	125	209-7/8	10-5/8	31-1/2	1-3/16	23-1/2
D2500-G25	3515 LBS	248-9/16	79-7/16	68-7/16	63-3/16	5-1/4	49-5/8	13-3/4	161-1/8	52	125	209-7/8	10-5/8	31-1/2	1-3/16	23-1/2

UNIT INFORMATION.

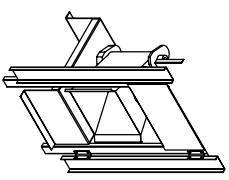
MODEL	BURNER LENGTH	BTU RANGE (MBH)		GAS PRESSURE		GAS CONNECTION	TONNAGE RANGE		FILTERS	
		BTU LOW	BTU HIGH	MIN	MAX		1" (NPT)	MIN	MAX	FILTER SIZE & QTY
D1250-G10	6'	18	275	7" WC	14" WC	3/4"	3 Ton	12.5 Ton	20"x25"x2" (3)	3000 CFM = 348 FPM
D1500-G10	12'	18	550	7" WC	14" WC	3/4"	3 Ton	12.5 Ton	20"x25"x2" (3)	3000 CFM = 348 FPM
D1500-G15	6'	18	275	7" WC	14" WC	3/4"	5 Ton	20 Ton	16"x20"x2" (8)	6000 CFM = 428 FPM
D1500-G15	12'	18	550	7" WC	14" WC	3/4"	5 Ton	20 Ton	16"x20"x2" (8)	6000 CFM = 428 FPM
D1500-G18	12'	18	550	7" WC	14" WC	3/4"	5 Ton	20 Ton	16"x20"x2" (8)	6000 CFM = 428 FPM
D1500-G18	18'	18	825	7" WC	14" WC	1"	10 Ton	25 Ton	20"x25"x2" (8)	8000 CFM = 348 FPM
D1500-G18	18'	27.5	825	7" WC	14" WC	1"	10 Ton	25 Ton	20"x25"x2" (8)	8000 CFM = 348 FPM
D1000-G18	24'	36.6	1100	7" WC	14" WC	1"	20 Ton	40 Ton	16"x20"x2" (15)	13000 CFM = 495 FPM
D1000-G20	30'	45.8	1375	7" WC	5 PSI	1-1/4"	20 Ton	40 Ton	16"x20"x2" (15)	13000 CFM = 495 FPM
D1500-G20	30'	45.8	1375	7" WC	5 PSI	1-1/4"	20 Ton	40 Ton	16"x20"x2" (15)	13000 CFM = 495 FPM
D2000-G25	48'	73.3	2200	7" WC	5 PSI	1-1/2"	30 Ton	50 Ton	20"x25"x2" (12)	21000 CFM = 609 FPM
D2500-G25	60'	91.6	2750	7" WC	5 PSI	1-1/2"	30 Ton	50 Ton	20"x25"x2" (12)	21000 CFM = 609 FPM

Direct Fired Profile Plate Specifications

Direct fired burners shall have patented US Patent No. US6629238B2, 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 lifting by-product levels to a minimum of 30ppm 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 air flow to maintain a constant air velocity. This feature is designed for demand control ventilation (DCV) requirements. With this feature, all DF units are designed for demand control ventilation (DCV) requirements.

General Construction: All units 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