

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MAX. ROOF OPENING 2" SMALLER THAN CURB DOTSIDE DIMENSION

MODEL	WEIGHT	A	B	C	D	E	F	G	H	J	K	L	N	P	R	S
D.250-G10	1125 LBS	167-1/4	39-3/8	42-3/4	39	3-3/4	44-3/8	7-13/16	95-7/16	21	71	131-5/8	3-9/16	13-7/8	1-13/16	11-1/2
D.500-G10	1125 LBS	167-1/4	39-3/8	42-3/4	39	3-3/4	44-3/8	7-13/16	95-7/16	21	71	131-5/8	3-9/16	13-7/8	1-13/16	11-1/2
D.250-G15	1520 LBS	181-1/4	49-3/8	47-3/4	44	3-3/4	53-5/8	7-13/16	109-7/16	31	79	145-5/8	4-5/16	22-3/8	1-9/16	18
D.500-G15	1525 LBS	181-1/4	49-3/8	47-3/4	44	3-3/4	53-5/8	7-13/16	109-7/16	31	79	145-5/8	4-5/16	22-3/8	1-9/16	18
D.750-G15	1530 LBS	181-1/4	49-3/8	47-3/4	44	3-3/4	53-5/8	7-13/16	109-7/16	31	79	145-5/8	4-5/16	22-3/8	1-9/16	18
D.500-G18	1780 LBS	192-1/4	54-3/8	56-3/8	51-1/8	5-1/4	51-5/8	9-1/2	114-7/16	35	84	150-5/8	6-5/16	22-3/8	1-1/2	18
D.750-G18	1790 LBS	192-1/4	54-3/8	56-3/8	51-1/8	5-1/4	51-5/8	9-1/2	114-7/16	35	84	150-5/8	6-5/16	22-3/8	1-1/2	18
D.1000-G18	1790 LBS	192-1/4	54-3/8	56-3/8	51-1/8	5-1/4	51-5/8	9-1/2	114-7/16	35	84	150-5/8	6-5/16	22-3/8	1-1/2	18
D.1000-G20	2840 LBS	238-9/16	60-7/16	64-3/8	59-1/8	5-1/4	76-3/8	13-9/16	151	42	115-3/16	199-7/8	5-1/4	31-1/2	1-13/16	23-1/2
D.1500-G20	2855 LBS	238-9/16	60-7/16	64-3/8	59-1/8	5-1/4	76-3/8	13-9/16	151	42	115-3/16	199-7/8	5-1/4	31-1/2	1-13/16	23-1/2
D.2000-G25	3590 LBS	248-9/16	69-7/16	68-7/16	63-3/16	5-1/4	71-3/8	13-3/4	161-1/8	52-3/4	125-3/16	209-7/8	10-5/8	31-1/2	1-13/16	23-1/2
D.2500-G25	3605 LBS	248-9/16	69-7/16	68-7/16	63-3/16	5-1/4	71-3/8	13-3/4	161-1/8	52-3/4	125-3/16	209-7/8	10-5/8	31-1/2	1-13/16	23-1/2

UNIT INFORMATION:

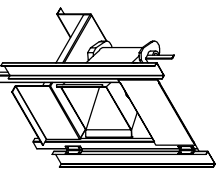
MODEL	BURNER LENGTH	BTU RANGE (KBH)		GAS PRESSURE		GAS CONNECTION	TONNAGE RANGE		FILTERS	
		BTU LOW	BTU HIGH	MIN	MAX		1" (NPT)	MIN	MAX	FILTER SIZE & QTY
D.250-G10	6'	18	275	7" WC	14" WC	3/4"	3	12.5	20"x25"x2" (3)	3000 CFM = 348 FPM
D.500-G10	12'	18	550	7" WC	14" WC	3/4"	3	12.5	20"x25"x2" (3)	3000 CFM = 348 FPM
D.250-G15	6'	18	275	7" WC	14" WC	3/4"	3	12.5	20"x25"x2" (3)	3000 CFM = 348 FPM
D.500-G15	12'	18	550	7" WC	14" WC	3/4"	3	12.5	20"x25"x2" (3)	3000 CFM = 348 FPM
D.750-G15	18'	18	825	7" WC	14" WC	1"	5	20	16"x20"x2" (8)	6000 CFM = 428 FPM
D.500-G18	12'	18	550	7" WC	14" WC	1"	5	20	16"x20"x2" (8)	6000 CFM = 428 FPM
D.750-G18	18'	18	825	7" WC	14" WC	1"	10	25	20"x25"x2" (8)	8000 CFM = 348 FPM
D.1000-G18	18'	27.5	825	7" WC	14" WC	1"	10	25	20"x25"x2" (8)	8000 CFM = 348 FPM
D.1000-G20	24'	36.6	1100	7" WC	14" WC	1-1/4"	20	40	16"x20"x2" (15)	813000 CFM = 495 FPM
D.1500-G20	30'	45.8	1375	7" WC	5 PSI	1-1/4"	20	40	16"x20"x2" (15)	813000 CFM = 495 FPM
D.2000-G25	48'	73.3	2200	7" WC	5 PSI	1-1/2"	30	50	20"x25"x2" (12)	21000 CFM = 609 FPM
D.2500-G25	60'	91.6	2750	7" WC	5 PSI	1-1/2"	30	50	20"x25"x2" (12)	21000 CFM = 609 FPM

Direct Fired Profile Plate Specifications:

Direct fired burners shall have patented US Patent No. US6695232B2, 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 30ppm of carbon monoxide (CO), and 0.5ppm of nitrogen dioxide (NO2).

Application: Spring-loaded burner profile plates are engineered to automatically react to the moment of inertia of the burner. The burner profile plates are designed to react to the moment of inertia of the burner. With the burner, all DF units are designed for demand control ventilation (DCV) requirements.

General Construction: Direct fired burner assemblies shall be included in the DF unit's FTL listing and comply with combined General Construction: Direct fired burner assemblies shall be included in the DF unit's FTL listing and comply with combined safety standards ANSI Z89.4 and CSA 37 (non-re-circulating DF heaters) and ANSI Z89.18 (re-circulating DF heaters).



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 DF7 Profile Plate Assembly

