



MODEL	WEIGHT	UNIT DIMENSIONS													CURB	EQUIPMENT	DISCHARGE OPENING
		A	B	C	D	E	F	G	H	J	K	N	P	R			
D.250-G10	670 LBS	106-5/8	27-3/8	29-3/4	26-1/16	3-3/4	22-3/8	7-13/16	34-13/16	21	71	13-1/4	11-1/2	3-7/8	5-9/16		
D.500-G10	675 LBS	106-5/8	27-3/8	29-3/4	26-1/16	3-3/4	22-3/8	7-13/16	34-13/16	21	71	13-1/4	11-1/2	3-7/8	5-9/16		
D.250-G15	945 LBS	114-5/8	37-3/8	36-3/4	33-1/16	3-3/4	30-5/16	7-13/16	42-13/16	31	79	18-3/4	16	6-1/8	8-5/16		
D.500-G15	950 LBS	114-5/8	37-3/8	36-3/4	33-1/16	3-3/4	30-5/16	7-13/16	42-13/16	31	79	18-3/4	16	6-1/8	8-5/16		
D.750-G15	955 LBS	114-5/8	37-3/8	36-3/4	33-1/16	3-3/4	30-5/16	7-13/16	42-13/16	31	79	18-3/4	16	6-1/8	8-5/16		
D.500-G18	1095 LBS	125-5/8	41-3/8	43-3/8	38-1/16	5-1/4	34-3/16	9-1/2	47-13/16	35	84	22	19	6-1/2	10-5/16		
D.750-G18	1100 LBS	125-5/8	41-3/8	43-3/8	38-1/16	5-1/4	34-3/16	9-1/2	47-13/16	35	84	22	19	6-1/2	10-5/16		
D.1000-G18	1105 LBS	125-5/8	41-3/8	43-3/8	38-1/16	5-1/4	34-3/16	9-1/2	47-13/16	35	84	22	19	6-1/2	10-5/16		
D.1000-G20	1760 LBS	153-7/8	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	24-7/8	24-7/8	8-9/16	10-5/8		
D.1500-G20	1775 LBS	153-7/8	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	24-7/8	24-7/8	8-9/16	10-5/8		
D.2000-G25	2365 LBS	163-7/8	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	31-3/8	31-3/8	10-11/16	12-7/8		
D.2500-G25	2380 LBS	163-7/8	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	31-3/8	31-3/8	10-11/16	12-7/8		

UNIT INFORMATION.

MODEL	BURNER LENGTH	BTU RANGE (MBH)			GAS PRESSURE		GAS CONNECTION		FILTERS		
		BTU LOW	BTU HIGH	MIN	MAX	"T" (NPT)	FILTER SIZE & QTY	MAX. FILTER VELOCITY			
D.250-G10	6'	18	275	7" WC	14" WC	3/4	20"x25"x2" (3)	348 FPM			
D.500-G10	12'	18	550	7" WC	14" WC	3/4	20"x25"x2" (3)	348 FPM			
D.250-G15	6'	18	275	7" WC	14" WC	1	16"x20"x2" (8)	428 FPM			
D.500-G15	12'	18	550	7" WC	14" WC	1	16"x20"x2" (8)	428 FPM			
D.750-G15	12'	18	825	7" WC	14" WC	1	16"x20"x2" (8)	428 FPM			
D.500-G18	12'	18	550	7" WC	14" WC	1	20"x25"x2" (8)	348 FPM			
D.750-G18	18'	27.5	825	7" WC	14" WC	1	20"x25"x2" (8)	348 FPM			
D.1000-G18	24'	36.6	1100	7" WC	14" WC	1	20"x25"x2" (8)	348 FPM			
D.1000-G20	24'	36.6	1100	7" WC	14" WC	1-1/4	16"x20"x2" (15)	495 FPM			
D.1500-G20	30'	45.8	1375	7" WC	5 PSI	1-1/4	16"x20"x2" (15)	495 FPM			
D.2000-G25	48'	73.3	2200	7" WC	5 PSI	1-1/2	20"x25"x2" (12)	609 FPM			
D.2500-G25	60'	91.6	2750	7" WC	5 PSI	1-1/2	20"x25"x2" (12)	609 FPM			

Direct Fired Profile Plate Specifications:

Direct fired burners shall have patented US Patent No. US6699238B2, 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 50ppm 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. All DF units are designed for demand control ventilation (DCV) requirements. With this feature, all DF units are designed for demand control ventilation (DCV) requirements.

General Construction: The burner profile plates are 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:

