

MODEL	WEIGHT	UNIT DIMENSIONS										INTAKE OPENING				DISCHARGE OPENING				
		A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	
D.250-G10	6.45 LBS	106-5/8	27-3/8	29-3/4	26-1/16	3-3/4	36	7-13/16	34-13/16	3-1/8	16-3/4	21-7/8	5-3/4	13-1/4	11-1/2	6-3/8	11-7/8	31-1/8	73-1/4	
D.500-G10	6.50 LBS	106-5/8	27-3/8	29-3/4	26-1/16	3-3/4	36	7-13/16	34-13/16	3-1/8	16-3/4	21-7/8	5-3/4	13-1/4	11-1/2	6-3/8	11-7/8	31-1/8	73-1/4	
D.250-G15	9.10 LBS	114-5/8	37-3/8	36-3/4	33-1/16	3-3/4	48	7-13/16	42-13/16	5-1/8	24-3/4	28-7/8	5-3/4	18-3/4	16	8-5/8	14-1/16	39-1/8	81-1/4	
D.500-G15	9.15 LBS	114-5/8	37-3/8	36-3/4	33-1/16	3-3/4	48	7-13/16	42-13/16	5-1/8	24-3/4	28-7/8	5-3/4	18-3/4	16	8-5/8	14-1/16	39-1/8	81-1/4	
D.750-G18	10.45 LBS	125-5/8	41-3/8	43-3/8	38-1/16	5-1/4	60	9-1/2	47-13/16	4-5/8	29-1/4	33-7/8	7-1/2	22	19	9	17-7/8	44-1/8	86-1/4	
D.500-G18	10.55 LBS	125-5/8	41-3/8	43-3/8	38-1/16	5-1/4	60	9-1/2	47-13/16	4-5/8	29-1/4	33-7/8	7-1/2	22	19	9	17-7/8	44-1/8	86-1/4	
D.1000-G18	10.55 LBS	125-5/8	41-3/8	43-3/8	38-1/16	5-1/4	60	9-1/2	47-13/16	4-5/8	29-1/4	33-7/8	7-1/2	22	19	9	17-7/8	44-1/8	86-1/4	
D.1000-G20	16.60 LBS	153-7/8	48-7/16	51-3/8	46-1/8	5-1/4	60	13-9/16	66-5/16	4-5/8	36-1/4	41-7/8	7-1/2	24-7/8	24-7/8	11-1/16	19-1/8	63-3/16	117-3/8	
D.1500-G20	16.75 LBS	153-7/8	48-7/16	51-3/8	46-1/8	5-1/4	60	13-9/16	66-5/16	4-5/8	36-1/4	41-7/8	7-1/2	24-7/8	24-7/8	11-1/16	19-1/8	63-3/16	117-3/8	
D.2000-G25	22.30 LBS	163-7/8	59-3/16	58-3/8	53-1/8	5-1/4	72	13-3/4	76-7/16	4-5/8	47	48-7/8	7-1/2	31-3/8	31-3/8	13-3/16	21-9/16	73-3/16	127-3/8	
D.2500-G25	22.45 LBS	163-7/8	59-3/16	58-3/8	53-1/8	5-1/4	72	13-3/4	76-7/16	4-5/8	47	48-7/8	7-1/2	31-3/8	31-3/8	13-3/16	21-9/16	73-3/16	127-3/8	

UNIT INFORMATION

MODEL	BURNER LENGTH	BTU RANGE (MBH)	GAS PRESSURE		GAS CONNECTION		FILTERS	
			MIN	MAX	W" (NPT)	W" (NPT)	FILTER SIZE & QTY	MAX. FILTER VELOCITY
D.250-G10	6"	18	7" WC	14" WC	3/4	3/4	20"x25"x2" (3)	348 FPM
D.500-G10	12"	18	7" WC	14" WC	3/4	3/4	20"x25"x2" (3)	348 FPM
D.250-G15	6"	18	7" WC	14" WC	3/4	3/4	16"x20"x2" (8)	428 FPM
D.500-G15	12"	18	7" WC	14" WC	3/4	3/4	16"x20"x2" (8)	428 FPM
D.750-G15	18"	27.5	7" WC	14" WC	1	1	16"x20"x2" (8)	428 FPM
D.500-G18	12"	18	7" WC	14" WC	3/4	3/4	16"x25"x2" (8)	348 FPM
D.750-G18	18"	27.5	7" WC	14" WC	1	1	16"x25"x2" (8)	348 FPM
D.1000-G18	24"	36.6	7" WC	14" WC	1	1	20"x25"x2" (8)	348 FPM
D.1000-G20	24"	36.6	7" WC	14" WC	1	1	20"x25"x2" (8)	348 FPM
D.1500-G20	30"	45.8	7" WC	14" WC	1-1/4	1-1/4	16"x20"x2" (15)	495 FPM
D.2000-G25	48"	73.3	7" WC	14" WC	1-1/2	1-1/2	20"x25"x2" (12)	609 FPM
D.2500-G25	60"	91.6	7" WC	14" WC	1-1/2	1-1/2	20"x25"x2" (12)	609 FPM

BTU RANGE (MBH)

GAS PRESSURE

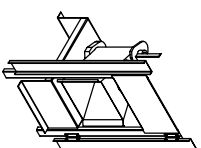
GAS CONNECTION

FILTERS

FILTER SIZE & QTY

MAX. FILTER VELOCITY

Direct Fired Profile Plate Specifications:
 Direct fired burners shall have patented US Patent No. US6629232B2, 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 momentum of the burner flame and adjust the profile plate position to maintain the proper air velocity. With this feature, all DF units are designed for demand control ventilation (DCV) requirements.
 Marking: Burner assemblies shall be included in the DF unit's ETL listing and comply with combined safety standards ANSI Z89.4 and CSA 37 (non-retracting DF heaters) and ANSI Z83.18 (retracting DF 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 properly torqued, permanently mounted spring hinges.



Direct Fired (DF) Profile Plate Assembly