

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

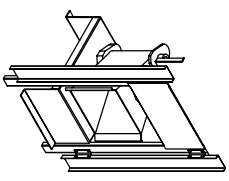
MODEL	WEIGHT	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	
		UNIT DIMENSIONS																	
D.250-G10	690 LBS	74-3/8	27-3/8	29-3/4	26-1/16	3-3/4	46	44-3/8	90-3/8	7-13/16	34-13/16	21	71	13-1/4	11-1/2	3-7/8	5-9/16	117	
D.500-G10	675 LBS	74-3/8	27-3/8	29-3/4	26-1/16	3-3/4	46	44-3/8	90-3/8	7-13/16	34-13/16	21	71	13-1/4	11-1/2	3-7/8	5-9/16	117	
D.250-G15	960 LBS	82-3/8	37-3/8	36-3/4	33-1/16	3-3/4	38	53-5/8	91-5/8	7-13/16	42-13/16	31	79	18-3/4	16	6-1/8	8-5/16	117	
D.500-G15	960 LBS	82-3/8	37-3/8	36-3/4	33-1/16	3-3/4	38	53-5/8	91-5/8	7-13/16	42-13/16	31	79	18-3/4	16	6-1/8	8-5/16	117	
D.750-G15	970 LBS	82-3/8	37-3/8	36-3/4	33-1/16	3-3/4	38	53-5/8	91-5/8	7-13/16	42-13/16	31	79	18-3/4	16	6-1/8	8-5/16	117	
D.500-G18	1120 LBS	87-3/8	41-3/8	43-3/8	38-1/16	5-1/4	33	51-5/8	84-5/8	9-1/2	47-13/16	35	84	22	19	6-1/2	10-5/16	117	
D.750-G18	1125 LBS	87-3/8	41-3/8	43-3/8	38-1/16	5-1/4	33	51-5/8	84-5/8	9-1/2	47-13/16	35	84	22	19	6-1/2	10-5/16	117	
D.1000-G18	1130 LBS	87-3/8	41-3/8	43-3/8	38-1/16	5-1/4	33	51-5/8	84-5/8	9-1/2	47-13/16	35	84	22	19	6-1/2	10-5/16	117	
D.1500-920	1945 LBS	118-1/2	48-7/16	51-3/8	46-1/8	5-1/4	50	76-3/8	126-3/8	13-9/16	66-5/16	42	115	24-7/8	24-7/8	8-9/16	10-5/8	165-1/8	
D.1500-920	1960 LBS	118-1/2	48-7/16	51-3/8	46-1/8	5-1/4	50	76-3/8	126-3/8	13-9/16	66-5/16	42	115	24-7/8	24-7/8	8-9/16	10-5/8	165-1/8	
UNIT INFORMATION:																			
BTU RANGE (MBH)																			
MODEL	BURNER LENGTH	BTU LOW	BTU HIGH	GAS PRESSURE		GAS CONNECTION		FILTER SIZE & QTY											
D.250-G10	6'	18	27.5	7" WC	14" WC	3/4	16" x 20" x 2"	(3)											
D.500-G10	12'	18	55.0	7" WC	14" WC	3/4	16" x 20" x 2"	(3)											
D.250-G15	6'	18	27.5	7" WC	14" WC	1	20" x 25" x 2"	(3)											
D.500-G15	12'	18	55.0	7" WC	14" WC	1	20" x 25" x 2"	(3)											
D.750-G15	18'	27.5	82.5	7" WC	14" WC	1	20" x 25" x 2"	(3)											
D.500-G18	12'	18	55.0	7" WC	14" WC	1	16" x 20" x 2"	(6)											
D.750-G18	18'	27.5	82.5	7" WC	14" WC	1	16" x 20" x 2"	(6)											
D.1000-G18	24'	36.6	110.0	7" WC	14" WC	1	16" x 20" x 2"	(6)											
D.1500-920	30'	45.8	137.5	7" WC	5 PSI	1-1/4	16" x 20" x 2"	(10)											

Description:
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 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 potential of burner flame fluctuations. The burner profile plates are designed to adjust their position with this feature, all JP units are designed for demand control ventilation (DCV) requirements.

Specifications:
All JP burner assemblies shall be included in the JP unit's FTL listing and comply with combined safety standards ANSI Z89.4 and CSA 37 (non-recirculating JP heaters) and ANSI Z89.18 (recirculating JP heaters).

General Construction:
- Burner 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