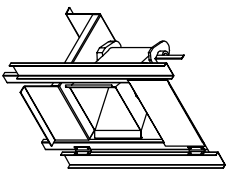


ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MODEL	WEIGHT	UNIT DIMENSIONS										CURB		DISCHARGE OPENING				
		A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T
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	6-3/8	11-7/8	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	6-3/8	11-7/8	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	8-5/8	14-1/16	117
D.500-G15	965 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	8-5/8	14-1/16	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	8-5/8	14-1/16	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	9	17-7/8	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	9	17-7/8	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	9	17-7/8	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	115-3/16	24-7/8	24-7/8	11-1/16	19-1/8	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	115-3/16	24-7/8	24-7/8	11-1/16	19-1/8	165-1/8

**Direct Fired Profile Plate Specifications:**  
 Description: Direct fired burners shall have patented US Patent No. US6695238B2, 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 Oxide (NOx).  
 Application: Spring-loaded burner profile plates are engineered to automatically react to the momentum of gas flow and adjust the burner air velocity to maintain optimal combustion conditions. When this feature, all DF units are designed for demand control ventilation (DCV) requirements.  
 Certifications: All burner assemblies shall be included in the DF unit's ETL Listing and comply with combined safety standards ANSI Z83.4 and CSA 37 (non-re-circulating DF heaters) and ANSI Z83.8 (re-circulating 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