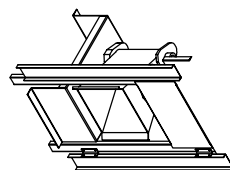


ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MODEL	WEIGHT	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	X	Z	ZZ	ZZZ
D-250-G10	800 LBS	148-7/8	27-3/8	29-3/4	26-1/16	3-3/4	36	7-13/16	34-13/16	3-1/8	15-3/4	21-7/8	5-3/4	13-1/4	11-1/2	6-3/8	7-1/4	14	8	14	18	31-1/8	73-1/4	115-3/8
D-500-G10	805 LBS	148-7/8	27-3/8	29-3/4	26-1/16	3-3/4	36	7-13/16	34-13/16	3-1/8	15-3/4	21-7/8	5-3/4	13-1/4	11-1/2	6-3/8	7-1/4	14	8	14	18	31-1/8	73-1/4	115-3/8
D-250-G15	1125 LBS	156-7/8	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	8-3/4	18-3/4	16	8-5/8	10	22-3/4	8	11	24	39-1/8	81-1/4	123-3/8
D-500-G15	1130 LBS	156-7/8	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	8-3/4	18-3/4	16	8-5/8	10	22-3/4	8	11	24	39-1/8	81-1/4	123-3/8
D-750-G15	1335 LBS	156-7/8	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	8-3/4	18-3/4	16	8-5/8	10	22-3/4	8	11	24	39-1/8	81-1/4	123-3/8
D-500-G18	1335 LBS	167-7/8	41-3/8	43-3/8	38-1/16	5-1/4	60	9-1/2	47-13/16	5-1/8	29-1/4	33-7/8	10-1/2	22	19	9	12	28	8	7	30	44-1/8	86-1/4	128-3/8
D-750-G18	1330 LBS	167-7/8	41-3/8	43-3/8	38-1/16	5-1/4	60	9-1/2	47-13/16	5-1/8	29-1/4	33-7/8	10-1/2	22	19	9	12	28	8	7	30	44-1/8	86-1/4	128-3/8
D-1000-G18	1333 LBS	167-7/8	41-3/8	43-3/8	38-1/16	5-1/4	60	9-1/2	47-13/16	5-1/8	29-1/4	33-7/8	10-1/2	22	19	9	12	28	8	7	30	44-1/8	86-1/4	128-3/8
D-1000-G20	2150 LBS	208-3/16	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	12-1/4	33	10	11	36	63-3/16	117-3/8	171-9/16
D-1500-G20	2885 LBS	218-3/16	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	14-1/2	43	10	11	36	63-3/16	117-3/8	171-9/16
D-2500-G25	2820 LBS	218-3/16	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	14-1/2	43	10	11	36	63-3/16	117-3/8	171-9/16

MODEL	BURNER LENGTH	BTU RANGE (KMBH)		GAS PRESSURE (KMBH)		GAS CONNECTION		FILTERS		OPTIONAL MIXING BOX FILTERS	
		LOW	HIGH	MIN	MAX	SIZE	QTY	SIZE	QTY	SIZE	QTY
D-250-G10	6'	18	275	7" WC	14" WC	3/4	3/4	20"x25"x2" (3)	3	10"x15"x2" (5)	5
D-500-G10	18	550	550	7" WC	14" WC	3/4	3/4	20"x25"x2" (3)	3	10"x15"x2" (5)	5
D-250-G15	6'	18	275	7" WC	14" WC	1	1	16"x20"x2" (8)	8	15"x20"x2" (2)	2
D-500-G15	18	550	550	7" WC	14" WC	1	1	16"x20"x2" (8)	8	15"x20"x2" (2)	2
D-750-G15	18	275	825	7" WC	14" WC	1	1	16"x20"x2" (8)	8	15"x20"x2" (2)	2
D-500-G18	12'	18	550	7" WC	14" WC	1	1	20"x25"x2" (8)	8	15"x15"x2" (2)	2
D-750-G18	18	275	825	7" WC	14" WC	1	1	20"x25"x2" (8)	8	15"x15"x2" (2)	2
D-1000-G18	24'	36.6	1100	7" WC	14" WC	1-1/4	1-1/4	16"x20"x2" (15)	15	15"x15"x2" (2)	2
D-1000-G20	24'	36.6	1100	7" WC	14" WC	1-1/4	1-1/4	16"x20"x2" (15)	15	15"x15"x2" (2)	2
D-1500-G20	30'	45.8	1375	7" WC	5 PSI	1-1/2	1-1/2	20"x25"x2" (12)	12	14.5"x19"x2" (12)	12
D-2000-G25	48'	73.3	2200	7" WC	5 PSI	1-1/2	1-1/2	20"x25"x2" (12)	12	14.5"x19"x2" (12)	12
D-2500-G25	60'	91.6	2750	7" WC	5 PSI	1-1/2	1-1/2	20"x25"x2" (12)	12	14.5"x19"x2" (12)	12

Direct Fired Profile Plate Specifications:
 Direct fired burners shall have patented US Patent No. US6692223B2, 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 5ppm of carbon monoxide (CO), and 50ppm of nitrogen dioxide (NOx).
Application:
 Spring-loaded burner profile plates are engineered to automatically react to the operation of the burner. The burner profile plates are designed to react to the operation of the burner. With this feature, all JP units are designed for demand control ventilation (DCV) requirements.
General Construction:
 All safety standards ANSI Z89.4 and CSA 37 (non-rectracting JP heaters) and ANSI Z89.18 (rectracting JP heaters).
 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