



MODEL	WEIGHT*	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S
D250-G10	1030 LBS	35	39-3/8	42-3/4	39	3-3/4	44-3/8	7-13/16	95-7/16	21	71	106	166-5/8	3-9/16	13-7/8	36-13/16	11-1/2
D250-G10	1035 LBS	135	39-3/8	42-3/4	39	3-3/4	44-3/8	7-13/16	95-7/16	21	71	106	166-5/8	3-9/16	13-7/8	36-13/16	11-1/2
D250-G15	1385 LBS	149	49-3/8	47-3/4	44	3-3/4	53-5/8	7-13/16	109-7/16	31	79	124	190-5/8	4-5/16	22-3/8	46-9/16	18
D250-G15	1390 LBS	149	49-3/8	47-3/4	44	3-3/4	53-5/8	7-13/16	109-7/16	31	79	124	190-5/8	4-5/16	22-3/8	46-9/16	18
D750-G15	1395 LBS	149	49-3/8	47-3/4	44	3-3/4	53-5/8	7-13/16	109-7/16	31	79	124	190-5/8	4-5/16	22-3/8	46-9/16	18
D750-G18	1625 LBS	154	54-3/8	51-1/8	51-1/8	5-1/4	51-5/8	9-1/2	114-7/16	35	84	133	199-5/8	5-7/16	25-3/8	49-1/2	18
D750-G18	1630 LBS	154	54-3/8	51-1/8	51-1/8	5-1/4	51-5/8	9-1/2	114-7/16	35	84	133	199-5/8	5-7/16	25-3/8	49-1/2	18
D1000-G18	1620 LBS	154	54-3/8	51-1/8	51-1/8	5-1/4	51-5/8	9-1/2	114-7/16	35	84	133	199-5/8	5-7/16	25-3/8	49-1/2	18
D1000-G18	1625 LBS	154	54-3/8	51-1/8	51-1/8	5-1/4	51-5/8	9-1/2	114-7/16	35	84	133	199-5/8	5-7/16	25-3/8	49-1/2	18
D1500-920	2605 LBS	203-3/16	60-7/16	64-3/8	59-1/8	5-1/4	76-3/8	13-9/16	151	42	115-3/16	171-3/16	255-7/8	5-1/4	31-1/2	56-13/16	23-1/2
D1500-920	2620 LBS	203-3/16	60-7/16	64-3/8	59-1/8	5-1/4	76-3/8	13-9/16	151	42	115-3/16	171-3/16	255-7/8	5-1/4	31-1/2	56-13/16	23-1/2

**MAX. ROOF OPENING 2' SMALLER THAN CURB OUTSIDE DIMENSION**

**\*\* 9 INCH HIGH EXHAUST ADAPTER MAY BE REQUIRED**

**Direct Fired Profile Plate Specifications:**

Direct fired burners shall have patented US Patent No. US6629232, self-inducting 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 3ppm of carbon monoxide (CO), and 0.5ppm of nitrogen dioxide (NO2).

**Application:**

Profile plates are engineered to automatically react to the momentum of fresh air stream, without the need for any motors or actuators to mechanically adjust them. With this feature, all DF units are designed for demand control ventilation (DCV) requirements.

**Profile plates assemblies shall be included in the DF unit's ETL listing and comply with combined safety standards ANSI Z89.4 and CSA 3.7 (non-re-circulating DF heaters) and ANSI Z89.18 (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.

Spring hinges shall be made from plated steel.

MODEL	BURNER LENGTH	BTU RANGE (MBH)		GAS PRESSURE		GAS CONNECTION	TONNAGE RANGE		FILTER SIZE & QTY	MAX. FILTER VELOCITY
		BTU LOW	BTU HIGH	MIN	MAX		MIN	MAX		
D250-G10	6'	18	275	7" WC	14" WC	3/4"	2 Ton	5 Ton	16"x20"x2"	6300 CFM = 572 FPM
D250-G10	12'	18	550	7" WC	14" WC	3/4"	2 Ton	5 Ton	16"x20"x2"	6300 CFM = 572 FPM
D250-G15	6'	18	275	7" WC	14" WC	3/4"	5 Ton	10 Ton	20"x25"x2"	6600 CFM = 696 FPM
D250-G15	12'	18	550	7" WC	14" WC	3/4"	5 Ton	10 Ton	20"x25"x2"	6600 CFM = 696 FPM
D750-G15	18'	275	825	7" WC	14" WC	1"	5 Ton	10 Ton	20"x25"x2"	6600 CFM = 696 FPM
D750-G15	18'	275	825	7" WC	14" WC	1"	5 Ton	10 Ton	20"x25"x2"	6600 CFM = 696 FPM
D1000-G18	24'	366	1100	7" WC	14" WC	1"	10 Ton	10 Ton	16"x20"x2"	8900 CFM = 762 FPM
D1000-G18	24'	366	1100	7" WC	14" WC	1"	10 Ton	10 Ton	16"x20"x2"	8900 CFM = 762 FPM
D1500-920	30'	458	1375	7" WC	5 PSI	1-1/4"	10 Ton	10 Ton	16"x20"x2" (10)	8300 CFM = 743 FPM