

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MODEL	WEIGHT*	UNIT DIMENSIONS										CURB/RAIL		DISCHARGE OPENING				
		A	B	C	D	E	F	G	H	J	K	L	L	N	P	R	S	
D.500-G18	1650 LBS	210-1/8	54-3/8	56-3/8	51-1/8	5-1/4	51-5/8	9-1/2	90-1/16	35	84	126-1/4	168-1/2	29-5/8	30	11-1/2	7-3/8	
D.750-G18	1655 LBS	210-1/8	54-3/8	56-3/8	51-1/8	5-1/4	51-5/8	9-1/2	90-1/16	35	84	126-1/4	168-1/2	29-5/8	30	11-1/2	7-3/8	
D.1000-G18	1660 LBS	210-1/8	54-3/8	56-3/8	51-1/8	5-1/4	51-5/8	9-1/2	90-1/16	35	84	126-1/4	168-1/2	29-5/8	30	11-1/2	7-3/8	
D.1000-920	2665 LBS	262-1/2	60-7/16	64-3/8	59-1/8	5-1/4	76-3/8	13-9/16	120-5/8	42	115-3/16	169-1/2	223-13/16	36-3/4	34	12-1/2	7-3/8	
D.1500-920	2680 LBS	262-1/2	60-7/16	64-3/8	59-1/8	5-1/4	76-3/8	13-9/16	120-5/8	42	115-3/16	169-1/2	223-13/16	36-3/4	34	12-1/2	7-3/8	

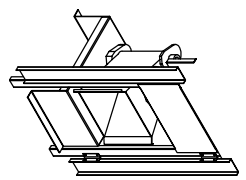
UNIT INFORMATION.

MODEL	BURNER LENGTH	BTU RANGE (MBH)			GAS PRESSURE		GAS CONNECTION	TONNAGE RANGE		FILTERS	
		LOW	HIGH	MIN	MAX	MIN		MAX	SIZE & QTY	MAX. FILTER VELOCITY	
D.500-G18	12"	18	550	7" WC	14" WC	1	15 Ton	15 Ton	20"x25"x2" (8)	8000 CFM = 348 FPM	
D.750-G18	18"	27.5	825	7" WC	14" WC	1	15 Ton	15 Ton	20"x25"x2" (8)	8000 CFM = 348 FPM	
D.1000-G18	24"	36.6	1100	7" WC	14" WC	1	15 Ton	15 Ton	20"x25"x2" (8)	8000 CFM = 348 FPM	
D.1000-920	24"	36.6	1100	7" WC	5 PSI	1-1/4	15 Ton	15 Ton	16"x20"x2" (15)	@13000 CFM = 495 FPM	
D.1500-920	30"	45.8	1375	7" WC	5 PSI	1-1/4	15 Ton	15 Ton	16"x20"x2" (15)	@13000 CFM = 495 FPM	

\*ADD CONDENSING UNIT WEIGHT TO WEIGHT IN TABLE ABOVE

CONDENSER INFORMATION

MODEL	WEIGHT*	#1 TONNAGE	#2 TONNAGE	#3 TONNAGE	CC	DD	EE
15 TON-G18/S91	5 TON	5 TON	5 TON	5 TON	32-13/16	76-3/16	70-7/8
15 TON-920/S91	5 TON	5 TON	5 TON	5 TON	32-13/16	97-3/16	91-15/16



Direct Fired (DF) Profile Plate Assembly

**Direct Fired Profile Plate Specifications:**

**Description:** Direct fired burners shall have patented (US Patent No. US6629238B2), self-adjusting profile plates that 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 momentum of a 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.

**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.

**General Construction:**

All profile plate 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 Z83.18 (re-circulating DF heaters).