



ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MODEL	WEIGHT*	UNIT DIMENSIONS															
		A	B	C	D	E	F	G	H	I	J	K	L				
D.500-G18	1560 LBS	210-1/8	54-3/8	56-3/8	51-1/8	5-1/4	34-3/16	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	1565 LBS	210-1/8	54-3/8	56-3/8	51-1/8	5-1/4	34-3/16	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	1570 LBS	210-1/8	54-3/8	56-3/8	51-1/8	5-1/4	34-3/16	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	2455 LBS	262-1/2	60-7/16	64-3/8	59-1/8	5-1/4	47-1/4	13-9/16	120-5/8	42	115-3/16	169-1/2	223-13/16	35-3/4	34	12-1/2	7-3/8
D.1500-920	2460 LBS	262-1/2	60-7/16	64-3/8	59-1/8	5-1/4	47-1/4	13-9/16	120-5/8	42	115-3/16	169-1/2	223-13/16	35-3/4	34	12-1/2	7-3/8

UNIT INFORMATION:

MODEL	BURNER LENGTH	BTU RANGE (MBH)			GAS PRESSURE		GAS CONNECTION	TONNAGE RANGE		FILTERS	
		BTU LOW	BTU HIGH	MIN	MAX	MIN		MAX	FILTER 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	591 LBS	5 TON	5 TON	5 TON	32-13/16	176-3/16	70-7/8
15 TON-920	591 LBS	5 TON	5 TON	5 TON	32-13/16	197-3/16	91-15/16

R410A REFRIGERANT

Direct Fired Profile Plate Specifications:

Description: Direct fired burners shall have patented US Patent No. US6649923B2, self-adjusting profile plates shall allow burners to achieve clean combustion by limiting by-product levels to a maximum of 5ppm of carbon monoxide (CO), and 0.5ppm 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.

Certifications: All profile plate assemblies shall be included in the DF unit's ETL listing and comply with combined safety standards ANSI Z83.4 and CSA 37 (non-rectracting DF heaters) and ANSI Z83.18 (rectracting 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