



1" NPT CONNECTION FOR SS PITCHED DRAIN PAN

CONDENSER INFORMATION

MODEL	WEIGHT*	#1	#2	CC	DD	EE
2 TON-G10	119 LBS	2 TON	N/A	26-5/16	56-1/16	52-3/8
3 TON-G10	134 LBS	3 TON	N/A	33-5/16	63-1/16	59-3/8
5 TON-G10	253 LBS	2 TON	3 TON	33-5/16	63-1/16	59-3/8
5 TON-G10	302 LBS	2.5 TON	2.5 TON	32-13/16	62-9/16	58-7/8
5 TON-G15	197 LBS	5 TON	N/A	32-13/16	69-9/16	65-7/8
7.5 TON-G15	348 LBS	2.5 TON	5 TON	32-13/16	69-9/16	65-7/8
8 TON-G15	331 LBS	3 TON	5 TON	33-5/16	71-11/16	68
10 TON-G15	394 LBS	5 TON	5 TON	32-13/16	69-9/16	65-7/8
10 TON-G18	394 LBS	5 TON	5 TON	32-13/16	76-3/16	70-7/8
10 TON-G20	394 LBS	5 TON	5 TON	32-13/16	97-3/16	91-15/16

R410A REFRIGERANT

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES

EXHAUST UNIT DIMENSIONS

MODEL #	T	U	V**
BDU11	14-1/2	22	19
BDU25	18-1/2	27-1/4	21
BDU30			
BDU33			
BDU30	21-1/2	30-1/4	21
BDU35			
BDU5	23	33-3/4	24-3/4
BDU8	23-1/2	39-3/8	28
BDU20	29-1/2	38-7/8	28
BDU24	30-5/8	43-3/8	33
BDU30	33-1/2	53-3/4	40

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

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

Direct Faced Profile Plate Specifications:

Exhaust burners shall have patented US Patent No. US6292923, 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 15ppm of nitric oxide (NOx).

Spring-loaded burner 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. In this feature, all DF units are designed for demand control ventilation (DCV) requirements.

It profile plate assemblies shall be included in the DF unit's ETL listing and comply with combined safety standards ANSI Z83.4 and CSA 3.7 (non-recirculating DF heaters) and ANSI Z83.18 (recirculating DF heaters).

Profile 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	WEIGHT*	UNIT DIMENSIONS											CURB/RAIL COMBINATION USED ON UNITS WITH 20" BLOWERS				
		A	B	C	D	E	F	G	H	J	K	L					
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
D500-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
D500-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
D750-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-G18	1625 LBS	154	54-3/8	52-3/8	51-1/8	5-1/4	51-5/8	9-1/2	114-7/16	35	84	133	199-5/8	5-5/16	22-3/8	49-1/2	18
D750-G18	1625 LBS	154	54-3/8	52-3/8	51-1/8	5-1/4	51-5/8	9-1/2	114-7/16	35	84	133	199-5/8	5-5/16	22-3/8	49-1/2	18
D1000-G18	1625 LBS	154	54-3/8	52-3/8	51-1/8	5-1/4	51-5/8	9-1/2	114-7/16	35	84	133	199-5/8	5-5/16	22-3/8	49-1/2	18
D1500-G20	2600 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-G20	2600 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

UNIT INFORMATION

MODEL	BURNER LENGTH	BTU LOW	BTU HIGH	GAS PRESSURE		GAS CONNECTION	TONNAGE RANGE		FILTER SIZE & QTY	MAX. FILTER VELOCITY
				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
D500-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		5 TON	10 TON	20"x25"x2"	6600 CFM = 696 FPM
D500-G15	12'	18	550	7" WC	14" WC		5 TON	10 TON	20"x25"x2"	6600 CFM = 696 FPM
D750-G15	12'	18	825	7" WC	14" WC		5 TON	10 TON	16"x20"x2"	6800 CFM = 762 FPM
D750-G18	18'	275	825	7" WC	14" WC		5 TON	10 TON	16"x20"x2"	6800 CFM = 762 FPM
D1000-G18	24'	366	1000	7" WC	14" WC		10 TON	10 TON	16"x20"x2"	8000 CFM = 762 FPM
D1500-G20	24'	366	1000	7" WC	14" WC		10 TON	10 TON	16"x20"x2"	8000 CFM = 762 FPM
D1500-G20	30'	458	1375	7" WC	5 PSI	1-1/4"	10 TON	10 TON	16"x20"x2" (KD)	83000 CFM = 743 FPM

WARRANTY INFORMATION: UNIT VELOCITY TO VELOCITY IN TABLE ABOVE