

CURB/RAIL COMBINATION USED ON UNITS WITH 20" BLOWERS

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

EXHAUST UNIT DIMENSIONS		
MODEL #	U	V**
DU11	14-1/2	22
DU12	18-1/2	27-1/4
DU13	21-1/2	30-1/4
DU15	23	33-3/4
DU16	23-1/2	33-3/8
DU17	29-1/2	38-7/8
DU18	30-5/8	43-3/8
DU19	33-1/2	52-3/4
DU20		40

MODEL	WEIGHT	UNIT DIMENSIONS													CURB/RAIL	DISCHARGE OPENING												
		A	B	C	D	E	F	G	H	I	J	K	L	M		N	P	Q	R	S								
D250-610	1105 LBS	16-1/4	39-3/8	42-3/4	39	3-3/4	22-3/8	7-13/16	95-7/16	21	71	106	166-5/8	3-9/16	13-7/8	36-13/16	11-1/2											
D300-610	1110 LBS	16-1/4	39-3/8	42-3/4	39	3-3/4	22-3/8	7-13/16	95-7/16	21	71	106	166-5/8	3-9/16	13-7/8	36-13/16	11-1/2											
D350-615	1495 LBS	18-1/4	49-3/8	47-3/4	44	3-3/4	30-5/16	7-13/16	109-7/16	31	79	124	190-5/8	4-5/16	22-3/8	46-9/16	18											
D450-615	1500 LBS	18-1/4	49-3/8	47-3/4	44	3-3/4	30-5/16	7-13/16	109-7/16	31	79	124	190-5/8	4-5/16	22-3/8	46-9/16	18											
D550-618	1745 LBS	192-1/4	54-3/8	56-3/8	51-1/8	5-1/4	34-3/16	9-1/2	114-7/16	35	84	133	199-5/8	5-5/16	22-3/8	49-1/2	18											
D650-618	1750 LBS	192-1/4	54-3/8	56-3/8	51-1/8	5-1/4	34-3/16	9-1/2	114-7/16	35	84	133	199-5/8	5-5/16	22-3/8	49-1/2	18											
D750-618	1750 LBS	192-1/4	54-3/8	56-3/8	51-1/8	5-1/4	34-3/16	9-1/2	114-7/16	35	84	133	199-5/8	5-5/16	22-3/8	49-1/2	18											
D850-618	1750 LBS	192-1/4	54-3/8	56-3/8	51-1/8	5-1/4	34-3/16	9-1/2	114-7/16	35	84	133	199-5/8	5-5/16	22-3/8	49-1/2	18											
D950-618	1750 LBS	192-1/4	54-3/8	56-3/8	51-1/8	5-1/4	34-3/16	9-1/2	114-7/16	35	84	133	199-5/8	5-5/16	22-3/8	49-1/2	18											
D1000-920	2130 LBS	238-9/16	60-7/16	64-3/8	59-1/8	5-1/4	47-1/4	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	2740 LBS	238-9/16	60-7/16	64-3/8	59-1/8	5-1/4	47-1/4	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	2740 LBS	238-9/16	60-7/16	64-3/8	59-1/8	5-1/4	47-1/4	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											

ROOF OPENING 2' SMALLER THAN CURB DIMENSION

Direct Fired Profile Plate Specifications:

Direct Fired burner shall have patented US Patent No. US662923B2, 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 limiting by-product levels to a maximum of 50ppm of carbon monoxide (CO), and 0.5ppm of nitrogen dioxide (NO2).

Applications:

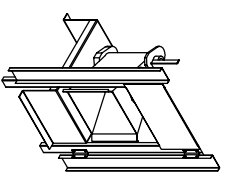
Spring-loaded burner profile plates are engineered to automatically react to the momentum of a fresh air stream, without the need for any sensors or actuators to mechanically adjust them. When the fresh air velocity is low, the profile plates will automatically adjust their angle to allow for a fresh air stream, without the need for any sensors or actuators to mechanically adjust them.

Direct Fired Profile Plate Assembly:

All profile plate assemblies shall be included in the DF units. ETL listing and comply with combined ASHRAE 90.1-2010 and SM 91. (Combined including DF heaters) and ANSI Z83.18 (Combined including 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