

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MODEL #	X	Y	Z *
BUJ2	14-1/2	22	19
BUJ11	18-1/2	27-1/4	21
BUJ30	21-1/2	30-1/4	21
BUJ5	23	33-3/4	24-3/4
BUJ8	23-1/2	33-3/8	28
BUJ20	29-1/2	38-7/8	28
BUJ24	30-5/8	43-3/8	33
BUJ30	33-1/2	52-3/4	40

MODEL	WEIGHT	UNIT DIMENSIONS										CURB/RAIL		DISCHARGE OPENING									
		A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U				
D/250-610	685 LBS	74-3/8	27-3/8	29-3/4	26-1/8	3-3/4	46	44-3/8	90-3/8	21	71	106	152	13-1/4	11-1/2	3-7/8	40-9/16	7-13/16	34-13/16				
D/500-610	690 LBS	74-3/8	27-3/8	29-3/4	26-1/8	3-3/4	46	44-3/8	90-3/8	21	71	106	152	13-1/4	11-1/2	3-7/8	40-9/16	7-13/16	34-13/16				
D/750-615	925 LBS	82-3/8	37-3/8	36-3/4	33-1/8	3-3/4	38	53-5/8	91-5/8	31	79	124	162	18-3/4	16	5-1/8	55-13/16	7-13/16	42-13/16				
D/1000-618	1100 LBS	87-3/8	41-3/8	43-3/8	38-1/8	5-1/4	33	51-5/8	84-5/8	35	84	133	166	22	19	5-1/2	59-5/16	9-1/2	47-13/16				
D/1000-920	11735 LBS	118-1/2	48-7/16	43-3/8	38-1/8	5-1/4	33	51-5/8	84-5/8	35	84	133	166	22	19	5-1/2	59-5/16	9-1/2	47-13/16				
D/1300-920	1730 LBS	118-1/2	48-7/16	43-3/8	38-1/8	5-1/4	33	51-5/8	84-5/8	35	84	133	166	22	19	5-1/2	59-5/16	9-1/2	47-13/16				
D/1500-920	458	137 1/2	7 1/4	5 PSI	1-1/4																		

ROOF OPENING 2' SMALLER THAN CURB DIMENSION

Direct Fired Profile Plate Specifications:

Direct fired burners shall have patented US Patent No. US6433323, self-actuating 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 50ppm of nitrogen dioxide (NO2).

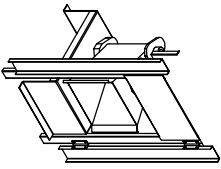
Application:

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.

Profile plate assemblies shall be included in the DF unit's ETL listing and comply with applicable UL standards, including UL 2534 and SM 317 (non-duct-cataloging DF heaters) and ANSI Z89.18 (duct-cataloging DF heaters).

General Construction:

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