

20 INCH HIGH EQUIPMENT CURB
 ** 9 INCH HIGH EXHAUST ADAPTER MAY BE REQUIRED

CURB/RAIL COMBINATION USED ON UNITS WITH 20" BLOWERS

MODEL #	EXHAUST UNIT DIMENSIONS
DU2HFA	14-1/2
NCABFA	22
DU2HFA	19
NCABFA	18-1/2
DU3HFA	27-1/4
NCABFA	21
DU5HFA	30-1/4
NCABFA	24-3/4
DU6HFA	33-3/8
NCABFA	28
DU8HFA	38-7/8
NCABFA	28
NCABFA	30-5/8
NCABFA	43-3/8
NCABFA	33
NCABFA	52-3/4
NCABFA	40

MODEL	WEIGHT	UNIT DIMENSIONS										CURB/RAIL	DISCHARGE OPENING					RETURN DAMPER OPENING									
		A	B	C	D	E	F	G	H	I	J		K	L	M	N	P	R	S	T	U	V	W	X	Y		
D250-G10	825 LBS	148-7/8	27-3/8	29-3/4	26-1/8	3-3/4	22-3/8	7-13/16	34-13/16	21	71	141	102-7/16	13-1/4	11-1/2	3-7/8	40-9/16	14	8	14	12-1/2	18					
D250-G10	830 LBS	148-7/8	27-3/8	29-3/4	26-1/8	3-3/4	22-3/8	7-13/16	34-13/16	21	71	141	102-7/16	13-1/4	11-1/2	3-7/8	40-9/16	14	8	14	12-1/2	18					
D250-G15	1160 LBS	156-7/8	37-3/8	36-3/4	33-1/8	3-3/4	30-5/16	7-13/16	42-13/16	31	79	169	115-7/16	18-3/4	16	6-1/8	55-13/16	22-3/4	8	11	7-1/2	24					
D250-G15	1170 LBS	156-7/8	37-3/8	36-3/4	33-1/8	3-3/4	30-5/16	7-13/16	42-13/16	31	79	169	115-7/16	18-3/4	16	6-1/8	55-13/16	22-3/4	8	11	7-1/2	24					
D250-G15	1375 LBS	156-7/8	41-3/8	43-3/8	38-1/8	5-1/4	34-3/16	9-1/2	47-13/16	35	84	182	123-7/16	18-3/4	16	6-1/2	59-5/16	22-3/4	8	7	4-1/2	30					
D250-G18	1380 LBS	167-7/8	41-3/8	43-3/8	38-1/8	5-1/4	34-3/16	9-1/2	47-13/16	35	84	182	123-7/16	18-3/4	16	6-1/2	59-5/16	22-3/4	8	7	4-1/2	30					
D1000-G18	1885 LBS	167-7/8	41-3/8	43-3/8	38-1/8	5-1/4	34-3/16	9-1/2	47-13/16	35	84	182	123-7/16	18-3/4	16	6-1/2	59-5/16	22-3/4	8	7	4-1/2	30					
D1000-G18	1885 LBS	167-7/8	41-3/8	43-3/8	38-1/8	5-1/4	34-3/16	9-1/2	47-13/16	35	84	182	123-7/16	18-3/4	16	6-1/2	59-5/16	22-3/4	8	7	4-1/2	30					
D1500-G20	2235 LBS	208-3/16	48-7/16	51-5/8	46-1/8	5-1/4	47-1/4	13-9/16	66-5/16	42	115-3/16	227-3/16	163-3/16	24-7/8	24-7/8	8-9/16	66-5/8	28	8	10	11	8					
D1500-G20	2250 LBS	208-3/16	48-7/16	51-5/8	46-1/8	5-1/4	47-1/4	13-9/16	66-5/16	42	115-3/16	227-3/16	163-3/16	24-7/8	24-7/8	8-9/16	66-5/8	28	8	10	11	8					

MAX. ROOF OPENING 2" SMALLER THAN CURB OUTSIDE DIMENSION

Direct Fired Profile Plate Specifications:

Direct fired burners shall have patented US Patent No. US6692923B2, 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 lighting by-product levels to a maximum of 50ppm of carbon monoxide (CO), and 0.50ppm of nitrogen dioxide (NO2).

Applications:

Spring-loaded burner profile plates are engineered to automatically react to the momentum of fresh air stream, without the need for any motor or actuators to mechanically adjust them. With this feature, all DF units are designed for minimal maintenance (0-1% requirements).

Direct Fired Profile Plate Assembly:

Direct fired burner assemblies shall be included in the DF unit's FTL listing and comply with combined safety standards ANSI Z89.4 and CSA 37 (non-re-circulating DF heaters) and ANSI Z89.3B (re-circulating DF heaters).

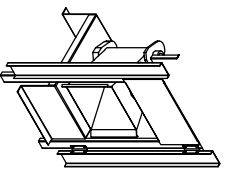
General Construction:

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