

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

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

EXHAUST UNIT DIMENSIONS

MODEL #	Y	Z	JZ
NCAB1/A	14-1/2	22	19
NCAB2/A	18-1/2	27-1/4	21
NCAB3/A	21-1/2	30-1/4	21
NCAB4/A	23-1/2	33-3/4	24-3/4
NCAB5/A	29-1/2	38-7/8	28
NCAB6/A	30-5/8	43-3/8	33
NCAB7/A	33-1/2	52-3/4	40

MAX. ROOF OPENING 2" SMALLER THAN CURB OUTSIDE DIMENSION

MODEL	WEIGHT	UNIT DIMENSIONS					CURB/RAIL										DISCHARGE OPENING					RETURN DAMPER OPENING				
		A	B	C	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	X						
D250-G10	825 LBS	148-7/8	27-3/8	29-3/4	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	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	1165 LBS	156-7/8	37-3/8	36-3/4	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	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					
D750-G15	1375 LBS	156-7/8	41-3/8	43-3/8	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					
D750-G18	1380 LBS	167-7/8	41-3/8	43-3/8	3-3/4	34-3/16	9-1/2	47-13/16	35	84	182	123-7/16	18-3/4	19	6-1/2	59-5/16	28	7	4-1/2	30						
D1000-G18	1885 LBS	167-7/8	41-3/8	43-3/8	3-3/4	34-3/16	9-1/2	47-13/16	35	84	182	123-7/16	18-3/4	19	6-1/2	59-5/16	28	7	4-1/2	30						
D1500-G20	2250 LBS	208-3/16	48-7/16	51-5/8	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	33	10	11	8	36					

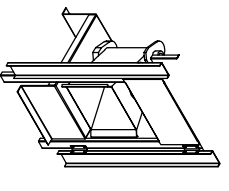
Direct Fired Profile Plate Specifications

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 lifting by-product levels to a maximum of 50ppm 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 fresh air stream, in part, the need for air motion of actuators to mechanically adjust them with the burner. All DF units are designed for standard vertical ventilation (DQV) requirements.

General Construction: The burner assemblies shall be included in the DF unit's FTL listing and comply with combined recirculating 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.



MODEL	BTU RANGE (MBH)	GAS PRESSURE (GAS CONNECTION)		FILTERS		OPTIONAL MIXING BOX FILTERS	
		MIN	MAX	1" (NPT)	MAX. FILTER VELOCITY	10"x16"x2" (3)	10"x16"x2" (5)
D250-G10	6"	7" WC	14" WC	3/4	20"x25"x2" (3)	348 FPM	
D250-G10	6"	7" WC	14" WC	3/4	20"x25"x2" (3)	348 FPM	
D250-G15	6"	7" WC	14" WC	3/4	20"x25"x2" (3)	428 FPM	
D500-G15	12"	7" WC	14" WC	1	16"x20"x2" (8)	428 FPM	
D750-G15	12"	7" WC	14" WC	1	16"x20"x2" (8)	428 FPM	
D750-G18	18"	7" WC	14" WC	1	20"x25"x2" (8)	428 FPM	
D1000-G18	18"	7" WC	14" WC	1	20"x25"x2" (8)	428 FPM	
D1000-G18	24"	7" WC	14" WC	1	20"x25"x2" (8)	428 FPM	
D1000-G20	24"	7" WC	14" WC	1	16"x20"x2" (15)	495 FPM	
D1500-G20	30"	7" WC	14" WC	1	16"x20"x2" (15)	495 FPM	