

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

EXHAUST UNIT DIMENSIONS

MODEL #	Y	YY	Z
DJ208A	14-1/2"	22"	19"
DK208A	18-1/2"	27-1/4"	21"
DM208A	21-1/2"	30-1/4"	21"
NK208A	23-1/2"	33-3/4"	24-3/4"
DK208A	23-1/2"	33-3/8"	28"
NK208A	29-1/2"	38-7/8"	28"
DK208A	30-3/8"	43-3/8"	33"
NK208A	33-1/2"	52-3/4"	40"

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MODEL	A	B	BB	C	GAS PRESSURE		D	DD	E	F	G	H	J	K	CURB		L	M	N	P	R	S	RETURN OPENING											
					MIN.	MAX.									TOTAL WEIGHT	MEDIA SIZE & QTY							NOZZLES	MAX. FLOW RATE	FILTER SIZE & QTY	FILTER MIXING BOX FILTERS	T	U	V	V	X	AA	AB	AC
D250-010	181-1/8	27-3/8	36-3/4	29-3/4	36-3/4	36-3/4	26-1/16	33	3-3/4	3-3/4	53-5/8	7-13/16	34-13/16	21	71	106	137-7/16	13-1/4	11-1/2	13-7/8	36-3/4	14	8	12-1/2	181-4-1/2	38-1/2	18	48-1/4						

**MAX. ROOF OPENING 2' SMALLER THAN CURB OUTSIDE DIMENSION**  
**\*\*MAX. EVAP WATER PRESSURE = 50 PSI @ 70 DEG. F**

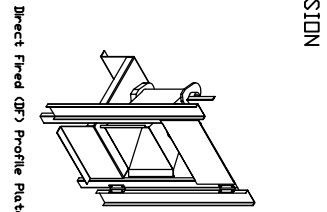
**Direct Fired Profile Plate Specifications:**

**Description:**  
 Direct fired burners shall have patented US Patent No. US66952822, self-adjusting profile plates to activate burners in the event of a gas pressure drop. The profile plates shall activate burners to activate clean combustion by lifting by-product levels to a maximum of 5ppm of carbon monoxide (CO), and 5ppm of nitrogen dioxide (NO2).

**Application:**  
 Spring-loaded burner profile plates are engineered to automatically react to the momentary 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.

**Certification:**  
 All profile plate assemblies shall be included in the DF units ETL listing and comply with section 603.2.2 of the International Mechanical Code (IMC) and shall be listed by an ETL (ETL-Intertek) or NSF (NSF International) listed testing agency.

**General Construction:**  
 Burner profile plates shall be formed from G90 galvanized steel. Profile plates shall vary in size per unit. Burner profile plates shall be mounted along the same plate as the discharge of the burner. Design shall incorporate proper torque, permanently mounted spring hinges.



Direct Fired (DF) Profile Plate Assembly