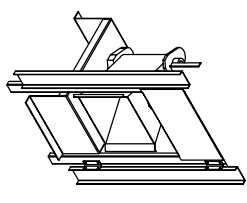
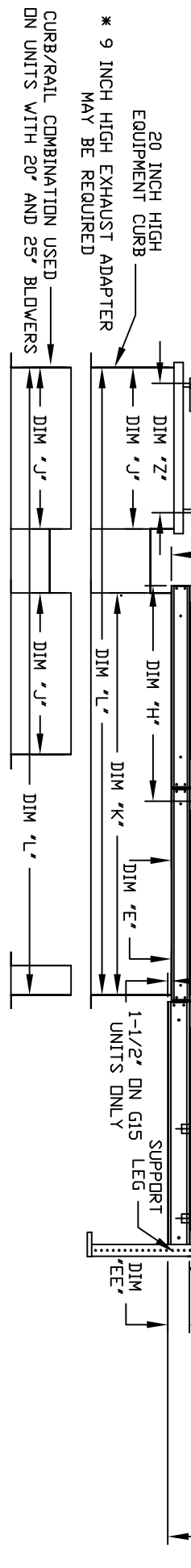




MODEL #	X	Y	Z
DUR200RA	14-1/2	22	19
NCA18FA	18-1/2	27-1/4	21
DUR300RA			
NCA10FA	21-1/2	30-1/4	21
NCA14FA			
DUR500RA	23	33-3/4	24-3/4
DUR500FA			
NCA16FA	23-1/2	39-3/8	28
NCA18FA	29-1/2	36-7/8	28
NCA24FA	30-5/8	43-3/8	33
NCA30FA	33-1/2	52-3/4	40



MODEL	BURNER BTU RANGE (MMB) BTU LOW/ BTU HIGH		GAS PRESSURE MIN. / MAX.		GAS CONNECTION "/> (GPH)		CURB	DISCHARGE OPENING	WATER INLET	DRAIN OPENING													
	A	B	BB	CC	DD	DD																	
D250-G10	106-5/8	27-3/8	36-3/4	29-3/4	36-3/4	26-1/16	33	3-3/4	3-3/4	35-5/8	7-13/16	34-13/16	21	71	106	13-1/4	11-1/2	3-7/8	36-3/4	4-1/2	6-1/4	18	16
D500-G10	106-5/8	27-3/8	36-3/4	29-3/4	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	13-1/4	11-1/2	3-7/8	36-3/4	4-1/2	6-1/4	18	16
D250-G15	120-5/8	27-3/8	40-3/4	36-3/4	43-3/8	33-1/16	38-1/8	3-3/4	5-1/4	51-5/8	7-13/16	42-13/16	31	79	124	18-3/4	16	6-1/8	50-1/2	4-1/2	5-3/4	20	19
D500-G15	120-5/8	27-3/8	40-3/4	36-3/4	43-3/8	33-1/16	38-1/8	3-3/4	5-1/4	51-5/8	7-13/16	42-13/16	31	79	124	18-3/4	16	6-1/8	50-1/2	4-1/2	5-3/4	20	19
D750-G15	120-5/8	27-3/8	40-3/4	36-3/4	43-3/8	33-1/16	38-1/8	3-3/4	5-1/4	51-5/8	7-13/16	42-13/16	31	79	124	18-3/4	16	6-1/8	50-1/2	4-1/2	5-3/4	20	19
D500-G18	122-3/4	41-3/8	47-7/8	43-3/8	51-3/8	38-1/16	46-1/8	5-1/4	5-1/4	76-3/8	9-1/2	47-13/16	35	84	133	22	19	6-1/2	56	4-1/2	5-3/4	23-1/2	17-1/2
D750-G18	122-3/4	41-3/8	47-7/8	43-3/8	51-3/8	38-1/16	46-1/8	5-1/4	5-1/4	76-3/8	9-1/2	47-13/16	35	84	133	22	19	6-1/2	56	4-1/2	5-3/4	23-1/2	17-1/2
D1000-G18	122-3/4	41-3/8	47-7/8	43-3/8	51-3/8	38-1/16	46-1/8	5-1/4	5-1/4	76-3/8	9-1/2	47-13/16	35	84	133	22	19	6-1/2	56	4-1/2	5-3/4	23-1/2	17-1/2
D1500-G18	153-7/8	48-7/16	58-5/8	51-3/8	58-3/8	46-1/8	53-1/8	5-1/4	5-1/4	115-3/16	11-3/16	54-7/8	42	115-3/16	171-3/16	24-7/8	8-9/16	57-1/8	57-1/8	5-3/4	23-1/2	17-1/2	
D1500-G20	153-7/8	48-7/16	58-5/8	51-3/8	58-3/8	46-1/8	53-1/8	5-1/4	5-1/4	115-3/16	11-3/16	54-7/8	42	115-3/16	171-3/16	24-7/8	8-9/16	57-1/8	57-1/8	5-3/4	23-1/2	17-1/2	

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MAX. ROOF OPENING 2" SMALLER THAN CURB OUTSIDE DIMENSION

**MAX. EVAP WATER PRESSURE = 50 PSI @ 70 DEG. F

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 Profile Plate Specifications:

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.

Certifications: All profile plate assemblies shall be included in the DF unit's ETL listing and comply with combined safety standards ANSI Z83.4 and CSA 3.7 (non-recirculating DF heaters) and ANSI Z83.18.

Description: Direct fired burners shall have patented (US Patent No. US6629232B2), 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 5ppm of carbon monoxide (CO), and 50ppm of nitrogen dioxide (NO2).