



MODEL #	BURNER		GAS PRESSURE		GAS CONNECTION		CURB		DISCHARGE OPENING		RETURN OPENING		WATER INLET		DRAIN															
	A	B	MIN	MAX	1" NPT	1" NPT	L	M	P	R	S	T	U	V	AA	AB	AC	AD												
D250-610	181-1/8	27-3/8	36-3/4	29-3/4	36-3/4	26-1/16	33	3-3/4	3-3/4	30-5/16	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	14	12-1/2	18	4-1/2	38-1/2	18	48-1/4	
D150-610	181-1/8	27-3/8	36-3/4	29-3/4	36-3/4	26-1/16	33	3-3/4	3-3/4	30-5/16	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	14	12-1/2	18	4-1/2	38-1/2	18	48-1/4	
D250-615	195-1/8	37-3/8	40-3/4	36-3/4	43-3/8	33-1/16	38-1/8	3-3/4	3-3/4	34-3/16	7-13/16	42-13/16	31	79	124	160-7/16	18-3/4	16	6-1/8	50-1/2	22-3/4	8	11	7-1/2	24	4-1/2	44	20	57-1/4	
D150-615	195-1/8	37-3/8	40-3/4	36-3/4	43-3/8	33-1/16	38-1/8	3-3/4	3-3/4	34-3/16	7-13/16	42-13/16	31	79	124	160-7/16	18-3/4	16	6-1/8	50-1/2	22-3/4	8	11	7-1/2	24	4-1/2	44	20	57-1/4	
D250-618	203-1/8	47-3/8	47-7/8	43-3/8	51-3/8	38-1/16	46-1/8	5-1/4	5-1/4	47-1/4	9-1/2	47-13/16	35	84	133	172-7/16	22	19	6-1/2	56	28	8	7	4-1/2	30	4-1/2	41-1/8	23-1/2	52-7/8	
D150-618	203-1/8	47-3/8	47-7/8	43-3/8	51-3/8	38-1/16	46-1/8	5-1/4	5-1/4	47-1/4	9-1/2	47-13/16	35	84	133	172-7/16	22	19	6-1/2	56	28	8	7	4-1/2	30	4-1/2	41-1/8	23-1/2	52-7/8	
D1000-920	243-9/16	48-7/16	58-5/8	51-3/8	58-3/8	46-1/8	66-1/8	5-1/4	5-1/4	49-3/8	13-9/16	66-3/16	42	115-3/16	171-3/16	219-3/16	24-7/8	24-7/8	18-9/16	57-1/8	33	10	11	8	4-1/2	30	4-1/2	41-1/8	23-1/2	52-7/8
D1500-920	243-9/16	48-7/16	58-5/8	51-3/8	58-3/8	46-1/8	66-1/8	5-1/4	5-1/4	49-3/8	13-9/16	66-3/16	42	115-3/16	171-3/16	219-3/16	24-7/8	24-7/8	18-9/16	57-1/8	33	10	11	8	4-1/2	30	4-1/2	41-1/8	23-1/2	52-7/8

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. US6629523B2, self-adjusting profile plate technology. The burner is designed to provide clean combustion with a maximum of 50ppm of carbon monoxide (CO), and 0.5ppm of nitrogen oxide (NOx).

**Application:**  
 Spring-loaded burner profile plates are engineered to automatically react to the momentum of a fresh air stream, without the need for actuators or mechanically adjust them. With this feature, all DF units are designed for demand control ventilation (DCV) requirements.

**General Construction:**  
 All profile plate assemblies shall be included in the DF units ETL listing and comply with combined UL 181 and UL 181A listing. All DF units are designed for demand control ventilation (DCV) requirements. Design shall incorporate proper fire rating and 50 PSI and 70 DEG. F (combined) 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 proper fire rating and 50 PSI and 70 DEG. F (combined) DF heaters).

**Direct Fired Profile Plate Assembly**

