

MODEL #	EXHAUST UNIT DIMENSIONS	Y	Y'	Y''	Z	Z'
NCAL10FA	14-1/2	22	22	19	19	16
NCAL12FA	18-1/2	27-1/4	27-1/4	21	21	18
NCAL14FA	21-1/2	30-1/4	30-1/4	24-3/4	24-3/4	21
NCAL16FA	23-1/2	33-3/4	33-3/4	28	28	24
NCAL18FA	29-1/2	38-7/8	38-7/8	28	28	24
NCAL20FA	30-5/8	43-3/8	43-3/8	33	33	28
NCAL30FA	33-1/2	52-3/4	52-3/4	40	40	33

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MODEL	UNIT SIZE	UNIT DIMENSIONS										CURB										DISCHARGE OPENING										RETURN OPENING										WATER INLET DRAIN OPENING									
		A	B	BB	C	CC	D	DD	E	EE	F	G	H	J	K	L	M	N	P	R	S	T	U	V	X	AA	AB	AC	AD																						
D250	1	148-7/8	27-3/8	36-3/4	29-3/4	36-3/4	26-1/6	33	3-3/4	3-3/4	30-5/16	7-13/16	34-13/16	21	71	106	137-1/16	13-1/4	11-1/2	3-7/8	36-3/4	14	8	14	12-1/2	18	4-1/2	6-1/4	18	16																					
D300	1	148-7/8	27-3/8	36-3/4	29-3/4	36-3/4	26-1/6	33	3-3/4	3-3/4	30-5/16	7-13/16	34-13/16	21	71	106	137-1/16	13-1/4	11-1/2	3-7/8	36-3/4	14	8	14	12-1/2	18	4-1/2	6-1/4	18	16																					
D350	2	162-7/8	37-3/8	40-3/4	36-3/4	43-3/8	33-1/6	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	30-1/2	22-3/4	8	11	7-1/2	24	4-1/2	5-3/4	20	19																					
D400	2	162-7/8	37-3/8	40-3/4	36-3/4	43-3/8	33-1/6	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	30-1/2	22-3/4	8	11	7-1/2	24	4-1/2	5-3/4	20	19																					
D450	3	165	41-3/8	47-1/8	43-3/8	51-3/8	38-1/6	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	5-3/4	23-1/2	17-1/2																					
D500	3	165	41-3/8	47-1/8	43-3/8	51-3/8	38-1/6	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	5-3/4	23-1/2	17-1/2																					
D600	3	165	41-3/8	47-1/8	43-3/8	51-3/8	38-1/6	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	5-3/4	23-1/2	17-1/2																					
D700	3	165	41-3/8	47-1/8	43-3/8	51-3/8	38-1/6	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	5-3/4	23-1/2	17-1/2																					
D800	3	165	41-3/8	47-1/8	43-3/8	51-3/8	38-1/6	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	5-3/4	23-1/2	17-1/2																					
D1000	4	208-3/16	48-7/16	58-3/8	51-3/8	58-3/8	46-1/8	53-1/8	5-1/4	5-1/4	49-5/8	13-9/16	66-5/16	42	115-3/16	171-3/16	219-3/16	24-7/8	24-7/8	8-9/16	57-1/8	33	10	11	8	36	4-1/2	5-3/4	28-7/8	17-1/2																					
D1500	4	208-3/16	48-7/16	58-3/8	51-3/8	58-3/8	46-1/8	53-1/8	5-1/4	5-1/4	49-5/8	13-9/16	66-5/16	42	115-3/16	171-3/16	219-3/16	24-7/8	24-7/8	8-9/16	57-1/8	33	10	11	8	36	4-1/2	5-3/4	28-7/8	17-1/2																					

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

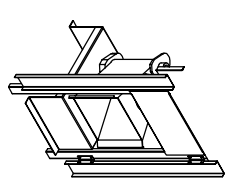
Direct Fired Profile Plate Specifications:

Description:
 Direct fired burners shall have patented US Patent No. US5688888, self-cleaning profile plates designed to ensure proper 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 0.5ppm of nitrogen dioxide (NO2).

Application:
 Spring-loaded burner profile plates are engineered to automatically react to the momentum of a fresh air stream, all DP units are designed for demand control ventilation (DCV) requirements.

Specifications:
 All profile plate assemblies shall be included in the DP unit's ETL listing and comply with combined UL 181 and UL 181A and CSA 517 (non-redundating DP heaters) and ANSI Z89.1B (redundating DP 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 proper torque, permanently mounted spring hinges.



Direct Fired CP7 Profile Plate Assembly