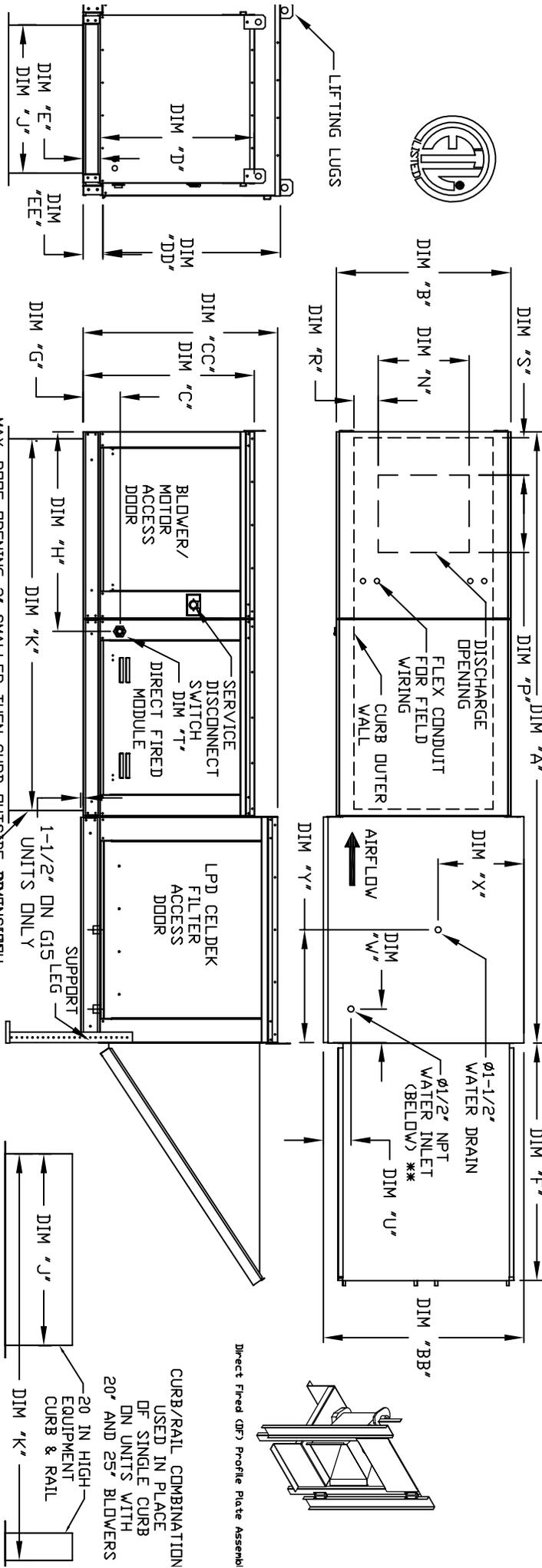


MODULAR OUTDOOR DOWN DISCHARGE DIRECT FIRED HEATER WITH LPD EVAPORATIVE COOLER AND INTAKE HOOD



ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MAX. ROOF OPENING 2\"/>

MODEL	UNIT DIMENSIONS											DISCHARGE OPENING											WATER INLET DRAIN OPENING										
	A	B	BB	CC	D	DD	E	EE	F	G	H	J	K	N	P	R	S	U	W	X	Y												
D.250-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	13-1/4	11-1/2	3-7/8	1-3/4	4-1/2	6-1/4	18	16											
D.500-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	13-1/4	11-1/2	3-7/8	1-3/4	4-1/2	6-1/4	18	16											
D.250-G15	120-5/8	37-3/8	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	18-3/4	16	8-5/16	5-1/2	4-1/2	5-3/4	20	19											
D.500-G15	120-5/8	37-3/8	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	18-3/4	16	8-5/16	5-1/2	4-1/2	5-3/4	20	19											
D.750-G15	120-5/8	37-3/8	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	18-3/4	16	8-5/16	5-1/2	4-1/2	5-3/4	20	19											
D.500-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	22	19	6-1/2	7	4-1/2	5-3/4	23-1/2	17-1/2											
D.750-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	22	19	6-1/2	7	4-1/2	5-3/4	23-1/2	17-1/2											
D.1000-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	22	19	6-1/2	7	4-1/2	5-3/4	23-1/2	17-1/2											
D.1000-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	22	19	6-1/2	7	4-1/2	5-3/4	23-1/2	17-1/2											
D.1500-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	71-3/8	13-9/16	66-5/16	42	115-3/16	24-7/8	8-9/16	1-1/8	4-1/2	5-3/4	28-7/8	17-1/2												
D.1500-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	71-3/8	13-9/16	66-5/16	42	115-3/16	24-7/8	8-9/16	1-1/8	4-1/2	5-3/4	28-7/8	17-1/2												
D.2500-G18	163-7/8	59-3/16	74-7/8	58-3/8	58-3/8	53-1/8	53-1/8	5-1/4	5-1/4	71-3/8	13-3/4	76-7/16	52-3/4	125-3/16	31-3/8	10-11/16	3-13/16	4-1/2	5-3/4	37-1/2	17-1/2												
D.2500-G18	163-7/8	59-3/16	74-7/8	58-3/8	58-3/8	53-1/8	53-1/8	5-1/4	5-1/4	71-3/8	13-3/4	76-7/16	52-3/4	125-3/16	31-3/8	10-11/16	3-13/16	4-1/2	5-3/4	37-1/2	17-1/2												

MODEL	BURNER BTU RANGE (KMBT)			GAS PRESSURE			GAS CONNECTION			CELDEK EVAPORATIVE COOLING UNIT			INTAKE HOOD		
	LENGTH	BTU LOW	BTU HIGH	MIN	MAX	1\"/>									
D.250-G10	6\"/>														
D.500-G10	12\"/>														
D.250-G15	6\"/>														
D.500-G15	12\"/>														
D.750-G15	18\"/>														
D.500-G18	12\"/>														
D.750-G18	18\"/>														
D.1000-G18	24\"/>														
D.1500-G18	30\"/>														
D.2000-G18	36\"/>														
D.2500-G18	42\"/>														
D.2500-G25	60\"/>														

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

Direct Fired Profile Plate Specifications:
 Description: Direct fired burners shall have patented QUS Patent No. US6629523B2, 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 50ppm of carbon monoxide (CO), and 50ppm of nitrogen dioxide (NO2).
 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. 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-retracting DF heaters) and ANSI Z83.18 (retracting DF heaters).
 General Construction:
 -Profile plates shall be formed from 600 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.
 -Spring hinges shall be made from plated steel.