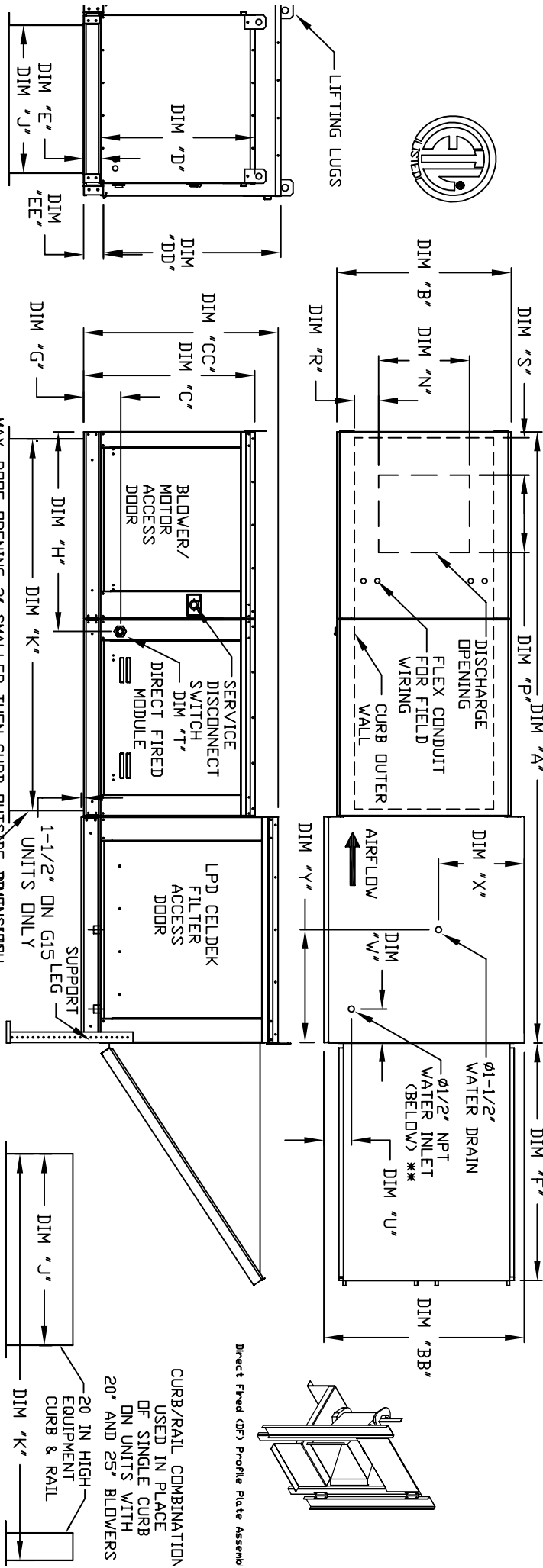


MODULAR OUTDOOR DOWN DISCHARGE DIRECT FIRED HEATER WITH LPD EVAPORATIVE COOLER AND INTAKE HOOD



ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MAX. ROOF OPENING 2" SMALLER THEN CURB OUTSIDE DIMENSIONS

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	"T" (NPT)	TI	WEIGHT	MEDIA SIZE & QTY	NOZZLES	MAX. FLOW RATE	FILTER SIZE & QTY			
D.250-G10	6"	18	275	7" WC	14" WC	3/4	790	LBS	25"x32"x12"	20	6.5 GPH	20"x25"x2"	(3)		
D.500-G10	12"	18	550	7" WC	14" WC	3/4	795	LBS	25"x32"x12"	20	6.5 GPH	20"x25"x2"	(3)		
D.250-G15	6"	18	275	7" WC	14" WC	1	1095	LBS	30"x36"x12"	28	8.4 GPH	16"x20"x2"	(6)		
D.500-G15	12"	18	550	7" WC	14" WC	1	1100	LBS	30"x36"x12"	28	8.4 GPH	16"x20"x2"	(6)		
D.750-G15	12"	18	825	7" WC	14" WC	1	1105	LBS	30"x36"x12"	28	8.4 GPH	16"x20"x2"	(6)		
D.500-G18	12"	18	550	7" WC	14" WC	1	1390	LBS	38"x43"x12"	35	10.15 GPH	16"x20"x2"	(10)		
D.750-G18	12"	18	825	7" WC	14" WC	1	1395	LBS	38"x43"x12"	35	10.15 GPH	16"x20"x2"	(10)		
D.1000-G18	24"	36.6	1100	7" WC	14" WC	1	1300	LBS	38"x43"x12"	35	10.15 GPH	16"x20"x2"	(10)		
D.1000-G18	24"	36.6	1100	7" WC	14" WC	1	2015	LBS	45"x54"x12"	42	12.6 GPH	20"x25"x2"	(8)		
D.1500-G18	30"	45.8	1375	7" WC	5 PSI	1-1/4	2030	LBS	45"x54"x12"	42	12.6 GPH	20"x25"x2"	(8)		
D.2000-G18	48"	73.3	2200	7" WC	5 PSI	1-1/2	2660	LBS	45"x72"x12"	57	20.1 GPH	20"x25"x2"	(8)		
D.2500-G18	60"	91.6	2750	7" WC	5 PSI	1-1/2	2675	LBS	45"x72"x12"	57	20.1 GPH	20"x25"x2"	(8)		

**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 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, 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 Z89.4 and CSA 3.7 (non-retracting DF heaters) and ANSI Z89.18 (retracting DF heaters).

General Construction: Profile plates shall be formed from 690 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.