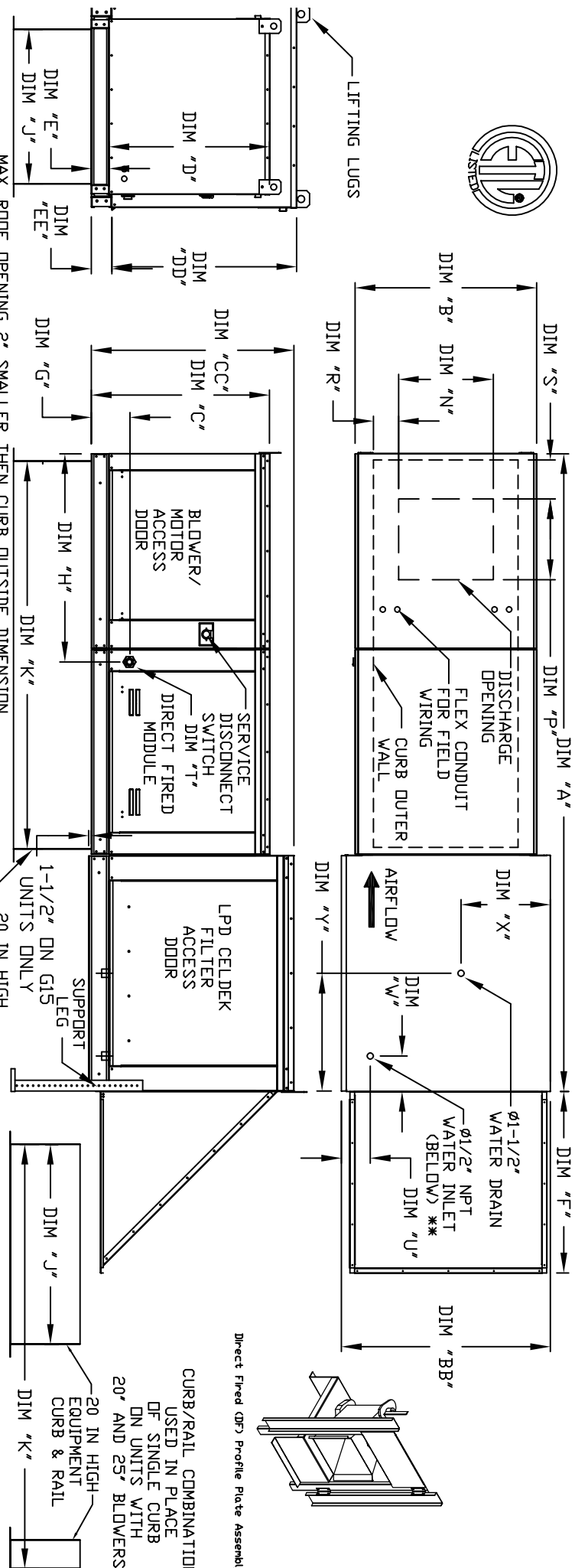


MODULAR OUTDOOR DOWN DISCHARGE DIRECT FIRED HEATER WITH LPD EVAPORATIVE COOLER AND SCREEN INTAKE

REV#6 05/05/2015



MAX. ROOF OPENING 2" SMALLER THEN CURB OUTSIDE DIMENSION.

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MODEL	A	B	BB	C	CC	CC'	D	DD	E	EE	F	G	H	J	K	N	P	R	S	U	V	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	30-5/16	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	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	30-5/16	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	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	34-3/16	7-13/16	42-13/16	31	79	18-3/4	16	6-1/8	8-5/16	4-1/2	5-3/4	20	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	34-3/16	7-13/16	42-13/16	31	79	18-3/4	16	6-1/8	8-5/16	4-1/2	5-3/4	20	20	19
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	49-5/8	13-9/16	66-5/16	35	84	22	22	6-1/2	7	4-1/2	5-3/4	23-1/2	17-1/2	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	49-5/8	13-9/16	66-5/16	35	84	22	22	6-1/2	7	4-1/2	5-3/4	23-1/2	17-1/2	17-1/2
D.1000-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	49-5/8	13-9/16	66-5/16	42	115-3/16	24-7/8	24-7/8	8-9/16	1-1/8	4-1/2	5-3/4	28-7/8	17-1/2	17-1/2
D.1500-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	49-5/8	13-9/16	66-5/16	42	115-3/16	24-7/8	24-7/8	8-9/16	1-1/8	4-1/2	5-3/4	28-7/8	17-1/2	17-1/2
D.2000-G25	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	49-5/8	13-3/4	76-7/16	52-3/4	125-3/16	31-3/8	31-3/8	10-1/16	3-13/16	4-1/2	5-3/4	37-1/2	17-1/2	17-1/2
D.2500-G25	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	49-5/8	13-3/4	76-7/16	52-3/4	125-3/16	31-3/8	31-3/8	10-1/16	3-13/16	4-1/2	5-3/4	37-1/2	17-1/2	17-1/2

MODEL	BURNER LENGTH	BTU LOW	BTU HIGH	GAS PRESSURE MIN.	GAS PRESSURE MAX.	GAS CONNECTION 'T' (GNPT)	CELDEK EVAPORATIVE COOLING UNIT TOT. WEIGHT	MEDIA SIZE & QTY	NOZZLES	MAX. FLOW RATE
D.250-G10	6"	18	275	7" WC	14" WC	3/4	760 LBS	25"x32"x12"	20	6.5 GPH
D.500-G10	12"	18	550	7" WC	14" WC	3/4	760 LBS	25"x32"x12"	20	6.5 GPH
D.250-G15	6"	18	275	7" WC	14" WC	1	1055 LBS	30"x36"x12"	28	8.4 GPH
D.500-G15	12"	18	550	7" WC	14" WC	1	1065 LBS	30"x36"x12"	28	8.4 GPH
D.750-G18	18"	27.5	825	7" WC	14" WC	1	1280 LBS	38"x43"x12"	35	10.15 GPH
D.1000-G18	18"	27.5	825	7" WC	14" WC	1	1285 LBS	38"x43"x12"	35	10.15 GPH
D.1000-G20	24"	36.6	1100	7" WC	14" WC	1	1290 LBS	38"x43"x12"	35	10.15 GPH
D.1500-G20	30"	45.8	1375	7" WC	5 PSI	1-1/4	1925 LBS	45"x54"x12"	42	12.6 GPH
D.2000-G25	48"	73.3	2200	7" WC	5 PSI	1-1/2	2570 LBS	45"x72"x12"	57	20.1 GPH
D.2500-G25	60"	91.6	2750	7" WC	5 PSI	1-1/2	2585 LBS	45"x72"x12"	57	20.1 GPH

Direct Fired Profile Plate Specifications:

Descriptions: Direct fired burners shall have patented (US 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 3ppm of carbon monoxide (CO), and 0.5ppm of nitrogen dioxide (NO2).

Applications: 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.

Specifications: 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-recirculating DF heaters) and ANSI Z83.8 (recirculating DF heaters).

General Construction: Profile plates shall be formed from G90 galvanized steel.

Profile Plates: Profile plates shall be made from the same plate as the discharge of the burner.

Design: Design shall incorporate properly torqued, permanently mounted spring hinges.

Spring Hinges: Spring hinges shall be made from plated steel.