

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MODEL	UNIT DIMENSIONS											CURB/RAIL	DISCHARGE OPENING											RETURN DAMPER OPENING	WATER INLET	DRAIN OPENING	FILTER SIZE & QTY
	A	B	C	D	E	F	G	H	J	K	L		N	P	R	S	T	U	V	W	X	AA	AB				
D:500-G18	207-1/4	54-3/8	56-3/8	51-1/8	5-1/4	76-3/8	9-1/2	90-1/16	35	84	126-1/4	165-1/16	29-5/8	30	11-1/2	7-3/8	28	8	7	4-1/2	5-3/4	423-1/2	17-1/2	16"x20"x2"	(10)		
D:750-G18	207-1/4	54-3/8	56-3/8	51-1/8	5-1/4	76-3/8	9-1/2	90-1/16	35	84	126-1/4	165-1/16	29-5/8	30	11-1/2	7-3/8	28	8	7	4-1/2	5-3/4	423-1/2	17-1/2	16"x20"x2"	(10)		
D:1000-G18	207-1/4	54-3/8	56-3/8	51-1/8	5-1/4	76-3/8	9-1/2	90-1/16	35	84	126-1/4	165-1/16	29-5/8	30	11-1/2	7-3/8	28	8	7	4-1/2	5-3/4	423-1/2	17-1/2	16"x20"x2"	(10)		
D:1500-920	262-1/2	60-7/16	64-3/8	59-1/8	5-1/4	71-3/8	13-9/16	120-5/8	42	115-3/16	169-1/2	217-1/2	36-3/4	34	12-1/2	7-3/8	33	10	11	8	36	4-1/2	5-3/4	428-7/8	17-1/2	20"x25"x2"	(8)
D:1500-920E	262-1/2	60-7/16	64-3/8	59-1/8	5-1/4	71-3/8	13-9/16	120-5/8	42	115-3/16	169-1/2	217-1/2	36-3/4	34	12-1/2	7-3/8	33	10	11	8	36	4-1/2	5-3/4	428-7/8	17-1/2	20"x25"x2"	(8)

MODEL	BURNER BTU RANGE (KBH)			GAS PRESSURE		GAS CONNECTION	TONNAGE RANGE	
	LENGTH	BTU LOW	BTU HIGH	MIN	MAX		MIN	MAX
D:500-G18	12'	18	550	7" WC	14" WC	1	15 TON	15 TON
D:750-G18	18'	27.5	825	7" WC	14" WC	1	15 TON	15 TON
D:1000-G18	24'	36.6	1100	7" WC	14" WC	1	15 TON	15 TON
D:1500-920	24'	36.6	1100	7" WC	5 PSI	1-1/4	15 TON	15 TON
D:1500-920	30'	45.8	1375	7" WC	5 PSI	1-1/4	15 TON	15 TON

CONDENSER INFORMATION							
MODEL	WEIGHT*	TONNAGE			CC	DD	EE
	#1	#2	#3				
15 TON-G18	591 LBS	5 TON	5 TON	5 TON	32-13/16	76-3/16	70-7/8
15 TON-920	591 LBS	5 TON	5 TON	5 TON	32-13/16	97-3/16	91-15/16

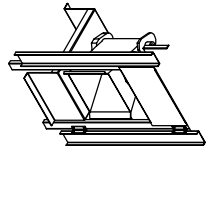
Direct Fired Profile Plate Specifications:

Description: Direct fired burners shall have patented US Patent No. US6629232B2, 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 9ppm of carbon monoxide (CO), and 0ppm of nitrogen dioxide (NOx).

Installation: Burner profile plates are engineered to automatically react to the expansion of a flame 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.

Certifications: All assemblies shall be included in the DF unit's ETL listing and comply with combined safety standards ANSI Z89.4 and CSA 37 (non-rectracting DF heaters) and ANSI Z89.8 (rectracting DF 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 properly torqued, permanently mounted spring hinges.



Direct Fired (DF) Profile Plate Assembly

*ADD CONDENSING UNIT WEIGHT TO WEIGHT IN TABLE ABOVE
**MAX. EVAP WATER PRESSURE = 50 PSI @ 70 DEG. F
MAX. ROOF OPENING 2" SMALLER THAN CURB OUTSIDE DIMENSION

CELDEK EVAPORATIVE COOLING UNIT		
TOT. WEIGHT	MEDIA SIZE & QTY	NOZZLES/ MIN. FLOW RATE
2270 LBS	38"x43"x12"	35 10.15 GPH
2575 LBS	38"x43"x12"	35 10.15 GPH
2280 LBS	38"x43"x12"	35 10.15 GPH
3295 LBS	45"x54"x12"	42 12.6 GPH

OPTIONAL MIXING BOX FILTERS		
FILTER SIZE & QTY		
15"x20"x2" (4)	15"x15"x2" (2)	
15"x20"x2" (4)	15"x15"x2" (2)	
15"x20"x2" (4)	15"x15"x2" (2)	
18"x25"x2" (4)	16"x20"x2" (2)	
18"x25"x2" (4)	16"x20"x2" (2)	