



ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MODEL	UNIT DIMENSIONS				STANDARD EVAPORATIVE COOLING UNIT												GELDEK EVAPORATIVE COOLING UNIT												V-BANK FILTER				OPTIONAL MIXING BOX FILTERS			
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	X	Y	YV	Z	ZZ	AA	AB	AC	AD								
D-250-G10	181-1/8	27-3/8	29-3/4	26-1/16	33-3/4	36-1/2	34-13/16	3-1/8	16-3/4	4-1/2	7/8	13-1/4	13-1/4	11-1/2	6-3/8	11-7/8	14	8	14	18	31-1/8	73-1/4	47-1/2	4-1/2	38-1/2	13	48-1/4	48-1/4	48-1/4							
D-500-G10	181-1/8	27-3/8	29-3/4	26-1/16	33-3/4	36-1/2	34-13/16	3-1/8	16-3/4	4-1/2	7/8	13-1/4	13-1/4	11-1/2	6-3/8	11-7/8	14	8	14	18	31-1/8	73-1/4	47-1/2	4-1/2	38-1/2	13	48-1/4	48-1/4	48-1/4							
D-500-G15	189-1/8	37-3/8	36-3/4	33-1/16	33-3/4	44-1/8	42-13/16	5-1/8	24-3/4	4-28-7/8	8-3/4	48-3/4	48-3/4	3-4	8-5/8	14-1/16	22-3/4	8	11	24	39-1/8	81-1/4	123-3/8	155-1/2	4-1/2	238-1/2	18	48-1/4	48-1/4	48-1/4						
D-500-G15	189-1/8	37-3/8	36-3/4	33-1/16	33-3/4	44-1/8	42-13/16	5-1/8	24-3/4	4-28-7/8	8-3/4	48-3/4	48-3/4	3-4	8-5/8	14-1/16	22-3/4	8	11	24	39-1/8	81-1/4	123-3/8	155-1/2	4-1/2	238-1/2	18	48-1/4	48-1/4	48-1/4						
D-750-G18	189-1/8	37-3/8	36-3/4	33-1/16	33-3/4	44-1/8	42-13/16	5-1/8	24-3/4	4-28-7/8	8-3/4	48-3/4	48-3/4	3-4	8-5/8	14-1/16	22-3/4	8	11	24	39-1/8	81-1/4	123-3/8	155-1/2	4-1/2	238-1/2	18	48-1/4	48-1/4	48-1/4						
D-1000-G18	206-1/8	41-3/8	43-3/8	38-1/16	5-1/4	60	9-1/2	47-13/16	4-5/8	29-1/4	33-7/8	22	22	19	9	17-7/8	28	8	7	30	44-1/8	86-1/4	128-3/8	166-1/2	4-1/2	44	20	57-1/4	57-1/4	57-1/4						
D-1000-G18	206-1/8	41-3/8	43-3/8	38-1/16	5-1/4	60	9-1/2	47-13/16	4-5/8	29-1/4	33-7/8	22	22	19	9	17-7/8	28	8	7	30	44-1/8	86-1/4	128-3/8	166-1/2	4-1/2	44	20	57-1/4	57-1/4	57-1/4						
D-1000-G20	243-7/16	44-1/8	46-1/8	41-1/8	5-1/4	60	9-1/2	47-13/16	4-5/8	29-1/4	33-7/8	22	22	19	9	17-7/8	28	8	7	30	44-1/8	86-1/4	128-3/8	166-1/2	4-1/2	44	20	57-1/4	57-1/4	57-1/4						
D-1500-G20	243-7/16	44-1/8	46-1/8	41-1/8	5-1/4	60	9-1/2	47-13/16	4-5/8	29-1/4	33-7/8	22	22	19	9	17-7/8	28	8	7	30	44-1/8	86-1/4	128-3/8	166-1/2	4-1/2	44	20	57-1/4	57-1/4	57-1/4						
D-2000-G25	243-7/16	44-1/8	46-1/8	41-1/8	5-1/4	60	9-1/2	47-13/16	4-5/8	29-1/4	33-7/8	22	22	19	9	17-7/8	28	8	7	30	44-1/8	86-1/4	128-3/8	166-1/2	4-1/2	44	20	57-1/4	57-1/4	57-1/4						
D-2500-G25	243-7/16	44-1/8	46-1/8	41-1/8	5-1/4	60	9-1/2	47-13/16	4-5/8	29-1/4	33-7/8	22	22	19	9	17-7/8	28	8	7	30	44-1/8	86-1/4	128-3/8	166-1/2	4-1/2	44	20	57-1/4	57-1/4	57-1/4						

UNIT INFORMATION

MODEL	BURNER LENGTH	BTU RANGE (MBH)	GAS PRESSURE	CONNECTION	STANDARD EVAPORATIVE COOLING UNIT				GELDEK EVAPORATIVE COOLING UNIT				V-BANK FILTER				OPTIONAL MIXING BOX FILTERS														
					TOTAL WEIGHT	MEDIA SIZE & QTY	VELOCITY	NOZZLES	MAXIMUM FLOW RATE	TOTAL WEIGHT	MEDIA SIZE & QTY	VELOCITY	NOZZLES	MAXIMUM FLOW RATE	FILTER SIZE & QTY	FILTER SIZE & QTY	FILTER SIZE & QTY	FILTER SIZE & QTY													
D-250-G10	6'	18	27.5	7" WC	14" WC	930 LBS	20"x25"x2" (3)	406 FPM	6	3 GPH	935 LBS	20"x24"x12"	1050 FPM	12	3.9 GPH	20"x25"x2" (3)	10"x16"x2" (5)														
D-250-G15	6'	18	27.5	7" WC	14" WC	930 LBS	20"x25"x2" (3)	406 FPM	6	3 GPH	935 LBS	20"x24"x12"	1050 FPM	12	3.9 GPH	20"x25"x2" (3)	10"x16"x2" (5)														
D-500-G15	6'	18	27.5	7" WC	14" WC	1305 LBS	16"x20"x2" (8)	429 FPM	10	5 GPH	1300 LBS	25"x32"x12"	1080 FPM	20	6.5 GPH	16"x20"x2" (8)	16"x25"x2" (8)	16"x25"x2" (8)	16"x25"x2" (8)	16"x25"x2" (8)	16"x25"x2" (8)	16"x25"x2" (8)	16"x25"x2" (8)	16"x25"x2" (8)	16"x25"x2" (8)	16"x25"x2" (8)	16"x25"x2" (8)	16"x25"x2" (8)	16"x25"x2" (8)	16"x25"x2" (8)	
D-500-G15	12'	18	27.5	7" WC	14" WC	1305 LBS	16"x20"x2" (8)	429 FPM	10	5 GPH	1305 LBS	25"x32"x12"	1080 FPM	20	6.5 GPH	16"x20"x2" (8)	16"x25"x2" (8)	16"x25"x2" (8)	16"x25"x2" (8)	16"x25"x2" (8)	16"x25"x2" (8)	16"x25"x2" (8)	16"x25"x2" (8)	16"x25"x2" (8)	16"x25"x2" (8)	16"x25"x2" (8)	16"x25"x2" (8)	16"x25"x2" (8)	16"x25"x2" (8)	16"x25"x2" (8)	
D-750-G18	12'	18	27.5	7" WC	14" WC	1565 LBS	20"x25"x2" (8)	348 FPM	14	7 GPH	1565 LBS	30"x36"x12"	1067 FPM	28	8.4 GPH	20"x25"x2" (8)	15"x15"x2" (4)	15"x15"x2" (4)	15"x15"x2" (4)	15"x15"x2" (4)	15"x15"x2" (4)	15"x15"x2" (4)	15"x15"x2" (4)	15"x15"x2" (4)	15"x15"x2" (4)	15"x15"x2" (4)	15"x15"x2" (4)	15"x15"x2" (4)	15"x15"x2" (4)	15"x15"x2" (4)	
D-1000-G18	18'	27.5	36.6	11.00	7" WC	14" WC	1	1	1	1	1570 LBS	20"x25"x2" (8)	348 FPM	14	7 GPH	1565 LBS	30"x36"x12"	1067 FPM	28	8.4 GPH	20"x25"x2" (8)	15"x15"x2" (4)	15"x15"x2" (4)	15"x15"x2" (4)	15"x15"x2" (4)	15"x15"x2" (4)	15"x15"x2" (4)	15"x15"x2" (4)	15"x15"x2" (4)	15"x15"x2" (4)	15"x15"x2" (4)
D-1000-G20	24'	36.6	11.00	7" WC	5 PSI	2465 LBS	16"x20"x2" (15)	572 FPM	24	12 GPH	2465 LBS	16"x20"x2" (15)	572 FPM	24	12 GPH	16"x20"x2" (15)	18"x25"x2" (4)	18"x25"x2" (4)	18"x25"x2" (4)	18"x25"x2" (4)	18"x25"x2" (4)	18"x25"x2" (4)	18"x25"x2" (4)	18"x25"x2" (4)	18"x25"x2" (4)	18"x25"x2" (4)	18"x25"x2" (4)	18"x25"x2" (4)	18"x25"x2" (4)	18"x25"x2" (4)	
D-1500-G20	30'	45.9	13.75	7" WC	5 PSI	2480 LBS	16"x20"x2" (15)	572 FPM	24	12 GPH	2480 LBS	16"x20"x2" (15)	572 FPM	24	12 GPH	16"x20"x2" (15)	18"x25"x2" (4)	18"x25"x2" (4)	18"x25"x2" (4)	18"x25"x2" (4)	18"x25"x2" (4)	18"x25"x2" (4)	18"x25"x2" (4)	18"x25"x2" (4)	18"x25"x2" (4)	18"x25"x2" (4)	18"x25"x2" (4)	18"x25"x2" (4)	18"x25"x2" (4)	18"x25"x2" (4)	
D-2000-G25	48'	73.3	22.00	7" WC	5 PSI	3210 LBS	20"x25"x2" (12)	638 FPM	30	15 GPH	3210 LBS	20"x25"x2" (12)	638 FPM	30	15 GPH	20"x25"x2" (12)	14.5"x19"x2" (12)	14.5"x19"x2" (12)	14.5"x19"x2" (12)	14.5"x19"x2" (12)	14.5"x19"x2" (12)	14.5"x19"x2" (12)	14.5"x19"x2" (12)	14.5"x19"x2" (12)	14.5"x19"x2" (12)	14.5"x19"x2" (12)	14.5"x19"x2" (12)	14.5"x19"x2" (12)	14.5"x19"x2" (12)	14.5"x19"x2" (12)	14.5"x19"x2" (12)
D-2500-G25	60'	91.6	27.50	7" WC	5 PSI	3225 LBS	20"x25"x2" (12)	638 FPM	30	15 GPH	3185 LBS	45"x54"x12"	1304 FPM	42	12.6 GPH	20"x25"x2" (12)	14.5"x19"x2" (12)	14.5"x19"x2" (12)	14.5"x19"x2" (12)	14.5"x19"x2" (12)	14.5"x19"x2" (12)	14.5"x19"x2" (12)	14.5"x19"x2" (12)	14.5"x19"x2" (12)	14.5"x19"x2" (12)	14.5"x19"x2" (12)	14.5"x19"x2" (12)	14.5"x19"x2" (12)	14.5"x19"x2" (12)	14.5"x19"x2" (12)	14.5"x19"x2" (12)

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

**Direct-Fired Profile Plate Specifications:**  
 Direct-fired burners shall have patented QIS Patent No. US6692923B2, 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 lifting by-product levels to a maximum of 5ppm 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 burner flame. In the event of a flameout, the burner profile plates will automatically adjust their position to ensure proper air velocity and pressure drop across the burner. Profile plates shall be designed for use with all burner models.  
**Direct-Fired Profile Plate Assembly:**  
 The assembly shall be included in the JP unit's FTL. Lighting and comply with combined safety standards ANSI Z89.4 and CSA 37 Non-recticulating JP heaters and ANSI Z89.4 (recticulating JP heaters).  
**General Construction:**  
 Burner profile plates shall be formed from 6061 aluminum.  
 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.

