



ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MODEL	UNIT DIMENSIONS				CURB/RAIL				DISCHARGE OPENING				WATER INLET DRAIN OPENING				FILTERS					
	A	B	C	D	E	F	G	H	J	K	L	N	P	R	S	AA	AB	AC	AD	AE		
D250-G10	18-1/8	39-3/8	42-3/4	39	3-3/4	22-3/8	7-13/16	77-1/16	21	71	113-1/4	17-1/2	16	11	5-3/4	4-1/2	38-1/2	13	48-1/4	20x25x2 (3)	3000 CFM = 348 FPM	
D300-G10	18-1/8	39-3/8	42-3/4	39	3-3/4	22-3/8	7-13/16	77-1/16	21	71	113-1/4	17-1/2	16	11	5-3/4	4-1/2	38-1/2	13	48-1/4	20x25x2 (3)	3000 CFM = 348 FPM	
D350-G10	18-1/8	39-3/8	42-3/4	39	3-3/4	22-3/8	7-13/16	77-1/16	21	71	113-1/4	17-1/2	16	11	5-3/4	4-1/2	38-1/2	13	48-1/4	20x25x2 (3)	3000 CFM = 348 FPM	
D400-G10	18-1/8	39-3/8	42-3/4	39	3-3/4	22-3/8	7-13/16	77-1/16	21	71	113-1/4	17-1/2	16	11	5-3/4	4-1/2	38-1/2	13	48-1/4	20x25x2 (3)	3000 CFM = 348 FPM	
D450-G10	18-1/8	39-3/8	42-3/4	39	3-3/4	22-3/8	7-13/16	77-1/16	21	71	113-1/4	17-1/2	16	11	5-3/4	4-1/2	38-1/2	13	48-1/4	20x25x2 (3)	3000 CFM = 348 FPM	
D500-G10	18-1/8	39-3/8	42-3/4	39	3-3/4	22-3/8	7-13/16	77-1/16	21	71	113-1/4	17-1/2	16	11	5-3/4	4-1/2	38-1/2	13	48-1/4	20x25x2 (3)	3000 CFM = 348 FPM	
D550-G10	18-1/8	39-3/8	42-3/4	39	3-3/4	22-3/8	7-13/16	77-1/16	21	71	113-1/4	17-1/2	16	11	5-3/4	4-1/2	38-1/2	13	48-1/4	20x25x2 (3)	3000 CFM = 348 FPM	
D600-G10	18-1/8	39-3/8	42-3/4	39	3-3/4	22-3/8	7-13/16	77-1/16	21	71	113-1/4	17-1/2	16	11	5-3/4	4-1/2	38-1/2	13	48-1/4	20x25x2 (3)	3000 CFM = 348 FPM	
D650-G10	18-1/8	39-3/8	42-3/4	39	3-3/4	22-3/8	7-13/16	77-1/16	21	71	113-1/4	17-1/2	16	11	5-3/4	4-1/2	38-1/2	13	48-1/4	20x25x2 (3)	3000 CFM = 348 FPM	
D700-G10	18-1/8	39-3/8	42-3/4	39	3-3/4	22-3/8	7-13/16	77-1/16	21	71	113-1/4	17-1/2	16	11	5-3/4	4-1/2	38-1/2	13	48-1/4	20x25x2 (3)	3000 CFM = 348 FPM	
D750-G10	18-1/8	39-3/8	42-3/4	39	3-3/4	22-3/8	7-13/16	77-1/16	21	71	113-1/4	17-1/2	16	11	5-3/4	4-1/2	38-1/2	13	48-1/4	20x25x2 (3)	3000 CFM = 348 FPM	
D800-G10	18-1/8	39-3/8	42-3/4	39	3-3/4	22-3/8	7-13/16	77-1/16	21	71	113-1/4	17-1/2	16	11	5-3/4	4-1/2	38-1/2	13	48-1/4	20x25x2 (3)	3000 CFM = 348 FPM	
D850-G10	18-1/8	39-3/8	42-3/4	39	3-3/4	22-3/8	7-13/16	77-1/16	21	71	113-1/4	17-1/2	16	11	5-3/4	4-1/2	38-1/2	13	48-1/4	20x25x2 (3)	3000 CFM = 348 FPM	
D900-G10	18-1/8	39-3/8	42-3/4	39	3-3/4	22-3/8	7-13/16	77-1/16	21	71	113-1/4	17-1/2	16	11	5-3/4	4-1/2	38-1/2	13	48-1/4	20x25x2 (3)	3000 CFM = 348 FPM	
D950-G10	18-1/8	39-3/8	42-3/4	39	3-3/4	22-3/8	7-13/16	77-1/16	21	71	113-1/4	17-1/2	16	11	5-3/4	4-1/2	38-1/2	13	48-1/4	20x25x2 (3)	3000 CFM = 348 FPM	
D1000-G10	18-1/8	39-3/8	42-3/4	39	3-3/4	22-3/8	7-13/16	77-1/16	21	71	113-1/4	17-1/2	16	11	5-3/4	4-1/2	38-1/2	13	48-1/4	20x25x2 (3)	3000 CFM = 348 FPM	
D1050-G10	18-1/8	39-3/8	42-3/4	39	3-3/4	22-3/8	7-13/16	77-1/16	21	71	113-1/4	17-1/2	16	11	5-3/4	4-1/2	38-1/2	13	48-1/4	20x25x2 (3)	3000 CFM = 348 FPM	
D1100-G10	18-1/8	39-3/8	42-3/4	39	3-3/4	22-3/8	7-13/16	77-1/16	21	71	113-1/4	17-1/2	16	11	5-3/4	4-1/2	38-1/2	13	48-1/4	20x25x2 (3)	3000 CFM = 348 FPM	
D11500-920	30"	45.8	13.75	7"	5 PSI	1-1/4	10	10	10	10	29.95	16.16	20.42	(15)	5.72	24	12	24	12	24	10.15	10.15

MODEL	BURNER BTU RANGE (QMB)				GAS PRESSURE (QMS)				GAS CONNECTION (QMT)				STANDARD EVAPORATIVE COOLING UNIT				FIELDER EVAPORATIVE COOLING UNIT							
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX		
D250-G10	6"	16	27.5	77	14" WC	3/4	2	TON	11.75	LBS	20x25x2 (3)	406	FPM	6	3	GPH	11.5	LBS	20x24x12	1050	FPM	12	3.9	GPH
D300-G10	12"	18	35.0	77	14" WC	3/4	2	TON	11.80	LBS	20x25x2 (3)	406	FPM	6	3	GPH	11.50	LBS	20x24x12	1050	FPM	12	3.9	GPH
D350-G10	12"	18	35.0	77	14" WC	3/4	2	TON	11.80	LBS	20x25x2 (3)	406	FPM	6	3	GPH	11.50	LBS	20x24x12	1050	FPM	12	3.9	GPH
D400-G10	12"	18	35.0	77	14" WC	3/4	2	TON	11.80	LBS	20x25x2 (3)	406	FPM	6	3	GPH	11.50	LBS	20x24x12	1050	FPM	12	3.9	GPH
D450-G10	12"	18	35.0	77	14" WC	3/4	2	TON	11.80	LBS	20x25x2 (3)	406	FPM	6	3	GPH	11.50	LBS	20x24x12	1050	FPM	12	3.9	GPH
D500-G10	12"	18	35.0	77	14" WC	3/4	2	TON	11.80	LBS	20x25x2 (3)	406	FPM	6	3	GPH	11.50	LBS	20x24x12	1050	FPM	12	3.9	GPH
D550-G10	12"	18	35.0	77	14" WC	3/4	2	TON	11.80	LBS	20x25x2 (3)	406	FPM	6	3	GPH	11.50	LBS	20x24x12	1050	FPM	12	3.9	GPH
D600-G10	12"	18	35.0	77	14" WC	3/4	2	TON	11.80	LBS	20x25x2 (3)	406	FPM	6	3	GPH	11.50	LBS	20x24x12	1050	FPM	12	3.9	GPH
D650-G10	12"	18	35.0	77	14" WC	3/4	2	TON	11.80	LBS	20x25x2 (3)	406	FPM	6	3	GPH	11.50	LBS	20x24x12	1050	FPM	12	3.9	GPH
D700-G10	12"	18	35.0	77	14" WC	3/4	2	TON	11.80	LBS	20x25x2 (3)	406	FPM	6	3	GPH	11.50	LBS	20x24x12	1050	FPM	12	3.9	GPH
D750-G10	12"	18	35.0	77	14" WC	3/4	2	TON	11.80	LBS	20x25x2 (3)	406	FPM	6	3	GPH	11.50	LBS	20x24x12	1050	FPM	12	3.9	GPH
D800-G10	12"	18	35.0	77	14" WC	3/4	2	TON	11.80	LBS	20x25x2 (3)	406	FPM	6	3	GPH	11.50	LBS	20x24x12	1050	FPM	12	3.9	GPH
D850-G10	12"	18	35.0	77	14" WC	3/4	2	TON	11.80	LBS	20x25x2 (3)	406	FPM	6	3	GPH	11.50	LBS	20x24x12	1050	FPM	12	3.9	GPH
D900-G10	12"	18	35.0	77	14" WC	3/4	2	TON	11.80	LBS	20x25x2 (3)	406	FPM	6	3	GPH	11.50	LBS	20x24x12	1050	FPM	12	3.9	GPH
D950-G10	12"	18	35.0	77	14" WC	3/4	2	TON	11.80	LBS	20x25x2 (3)	406	FPM	6	3	GPH	11.50	LBS	20x24x12	1050	FPM	12	3.9	GPH
D1000-G10	12"	18	35.0	77	14" WC	3/4	2	TON	11.80	LBS	20x25x2 (3)	406	FPM	6	3	GPH	11.50	LBS	20x24x12	1050	FPM	12	3.9	GPH
D1050-G10	12"	18	35.0	77	14" WC	3/4	2	TON	11.80	LBS	20x25x2 (3)	406	FPM	6	3	GPH	11.50	LBS	20x24x12	1050	FPM	12	3.9	GPH
D1100-G10	12"	18	35.0	77	14" WC	3/4	2	TON	11.80	LBS	20x25x2 (3)	406	FPM	6	3	GPH	11.50	LBS	20x24x12	1050	FPM	12	3.9	GPH
D11500-920	30"	45.8	13.75	7"	5 PSI	1-1/4	10	10	10	10	29.95	16.16	20.42	(15)	5.72	24	12	24	12	24	10.15	10.15		

Direct Fired Profile Plate Specifications:

Burners shall have patented US Patent No. US5639233 self-cleaning profile plates designed to ensure proper air velocity and pressure drop across the burner. Profile plates shall allow burners to achieve clean combustion by letting by-product water medium of 50ppm of carbon monoxide (CO), and 0.5ppm of nitrogen dioxide (NO2).

Applications:

Spring-loaded burner profile plates are engineered to automatically react to the nonuniformity of burner pressure and flame height. The burner profile plates are designed to operate with this feature, all JP units are designed for demand control ventilation (DCV) requirements.

General Construction:

Profile plates shall be formed from G90 galvanized steel.

Profile plates shall be mounted along the same plane as the discharge of the burner.

Design shall incorporate proper torque, permanently mounted spring hinges.

Direct Fired (DF) Profile Plate Assembly

MAXIMUM CONDENSING UNIT WEIGHT TO WEIGHT IN TABLE ABOVE

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