

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

UNIT DIMENSIONS

MODEL	A	B	BB	C	CC	D	DD	E	EE	F	G	H	J	K	L	N	P	R	S	T	U	V	W	X
D1250-G10	148-7/8	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	102-7/16	13-1/4	11-1/2	6-3/8	11-7/8	14	8	14	12-1/2	18
D1500-G10	148-7/8	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	102-7/16	13-1/4	11-1/2	6-3/8	11-7/8	14	8	14	12-1/2	18
D1750-G10	162-7/8	37-3/8	40-3/4	36-3/4	43-3/8	33-1/16	38-1/8	3-3/4	4-1/4	51-5/8	7-13/16	42-13/16	31	79	115-7/16	18-3/4	16	8-5/8	14-1/16	22-3/4	11	11	7-1/2	24
D1500-G15	162-7/8	37-3/8	40-3/4	36-3/4	43-3/8	33-1/16	38-1/8	3-3/4	4-1/4	51-5/8	7-13/16	42-13/16	31	79	115-7/16	18-3/4	16	8-5/8	14-1/16	22-3/4	11	11	7-1/2	24
D1750-G15	162-7/8	37-3/8	40-3/4	36-3/4	43-3/8	33-1/16	38-1/8	3-3/4	4-1/4	51-5/8	7-13/16	42-13/16	31	79	115-7/16	18-3/4	16	8-5/8	14-1/16	22-3/4	11	11	7-1/2	24
D1500-G18	165	41-3/8	44-7/8	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	123-7/16	22	19	9	17-7/8	28	8	7	4-1/2	30
D1750-G18	165	41-3/8	44-7/8	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	123-7/16	22	19	9	17-7/8	28	8	7	4-1/2	30
D1000-G18	165	41-3/8	44-7/8	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	123-7/16	22	19	9	17-7/8	28	8	7	4-1/2	30
D1500-G20	208-3/16	48-7/8	51-3/8	51-3/8	58-3/8	46-1/8	53-1/8	5-1/4	5-1/4	111-3/8	13-9/16	66-5/16	42	115-3/16	163-3/16	24-7/8	24-7/8	11-1/16	19	33	10	11	8	36
D1750-G20	208-3/16	48-7/8	51-3/8	51-3/8	58-3/8	46-1/8	53-1/8	5-1/4	5-1/4	111-3/8	13-9/16	66-5/16	42	115-3/16	163-3/16	24-7/8	24-7/8	11-1/16	19	33	10	11	8	36
D1250-G25	218-3/16	59-3/16	64-7/8	58-3/8	68-3/8	53-1/8	61-1/8	5-1/4	5-1/4	141-3/8	13-3/4	76-7/16	52	125-3/16	179-15/16	31-3/8	31-3/8	13-3/16	21-1/4	43	10	6-1/2	1-1/4	43
D1500-G25	218-3/16	59-3/16	64-7/8	58-3/8	68-3/8	53-1/8	61-1/8	5-1/4	5-1/4	141-3/8	13-3/4	76-7/16	52	125-3/16	179-15/16	31-3/8	31-3/8	13-3/16	21-1/4	43	10	6-1/2	1-1/4	43
D1750-G25	218-3/16	59-3/16	64-7/8	58-3/8	68-3/8	53-1/8	61-1/8	5-1/4	5-1/4	141-3/8	13-3/4	76-7/16	52	125-3/16	179-15/16	31-3/8	31-3/8	13-3/16	21-1/4	43	10	6-1/2	1-1/4	43

UNIT INFORMATION

MODEL	BURNER BTU RANGE (GMB)		GAS PRESSURE		GAS CONNECTION		CEL DEK EVAPORATIVE COOLING UNIT		INTAKE HOOD		WATER INLET		DRAIN OPENING		OPTIONAL MIXING BOX FILTERS	
	LENGTH	BTU LOW / BTU HIGH	MIN	MAX	"I" (NPT)	"I" (NPT)	GTD WEIGHT	MEDIA SIZE & QTY	NOZZLES	MAX FLOW RATE	AA	AB	AC	AD	FILTER SIZE & QTY	FILTER SIZE & QTY
D1250-G10	6"	18	27.5	7" W.C	14" W.C	3/4	94.5	LBS	25"x32"x12"	20	6.5	GPH	4-1/2	18	20"x25"x2" (3)	10"x16"x2" (3)
D1500-G10	12"	18	35.0	7" W.C	14" W.C	3/4	95.0	LBS	25"x32"x12"	20	6.5	GPH	4-1/2	18	20"x25"x2" (3)	10"x16"x2" (3)
D1750-G10	6"	18	27.5	7" W.C	14" W.C	3/4	131.5	LBS	30"x36"x12"	28	8.4	GPH	4-1/2	20	16"x20"x2" (6)	16"x25"x2" (2)
D1500-G15	12"	18	35.0	7" W.C	14" W.C	3/4	131.5	LBS	30"x36"x12"	28	8.4	GPH	4-1/2	20	16"x20"x2" (6)	16"x25"x2" (2)
D1750-G15	18"	27.5	55.0	7" W.C	14" W.C	1	133.0	LBS	30"x36"x12"	28	8.4	GPH	4-1/2	20	16"x20"x2" (6)	16"x25"x2" (2)
D1500-G18	12"	18	35.0	7" W.C	14" W.C	3/4	167.0	LBS	38"x43"x12"	35	10.5	GPH	4-1/2	20	16"x20"x2" (6)	16"x25"x2" (2)
D1750-G18	18"	27.5	55.0	7" W.C	14" W.C	1	167.0	LBS	38"x43"x12"	35	10.5	GPH	4-1/2	20	16"x20"x2" (6)	16"x25"x2" (2)
D1000-G18	24"	36.6	110.0	7" W.C	14" W.C	1	169.0	LBS	38"x43"x12"	35	10.5	GPH	4-1/2	20	16"x20"x2" (6)	16"x25"x2" (2)
D1500-G20	30"	45.8	137.5	7" W.C	5 PSI	1-1/4	249.0	LBS	45"x54"x12"	42	12.6	GPH	4-1/2	20	20"x25"x2" (8)	20"x25"x2" (8)
D1750-G20	48"	73.3	220.0	7" W.C	5 PSI	1-1/2	323.5	LBS	45"x54"x12"	57	20.1	GPH	4-1/2	20	20"x25"x2" (8)	20"x25"x2" (8)
D1250-G25	60"	91.6	275.0	7" W.C	5 PSI	1-1/2	325.0	LBS	45"x54"x12"	57	20.1	GPH	4-1/2	20	20"x25"x2" (8)	20"x25"x2" (8)

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

DESCRIPTION: Burners shall have patented US Patent No. US659923B2, 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 hitting "Product Levels" to a maximum of 5ppm of carbon monoxide (CO), and 50ppm of nitrogen dioxide (NO2).

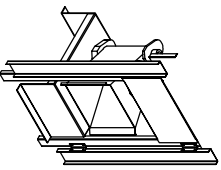
APPLICATIONS: Spring-loaded burner profile plates are engineered to automatically react to the momentum of a fresh air stream without the need for any motors or actuators to mechanically adjust them. All this feature, all JP units are designed for demand control ventilation (DCV) requirements.

INSTALLATION: Profile plates assemblies shall be included in the JP unit's ETL listing and comply with combined requirements of ANSI Z95.4 and CSA S7.1 (encompassing JP heaters) and ANSI Z98.18 (encompassing JP heaters).

GENERAL CONSTRUCTION: Burner profile plates shall be formed from G90 galvanized steel.

PROFILE PLATES: Profile plates shall vary in size per unit.

PROFILE PLATE: 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 QP7 Profile Plate Assembly