



# **PROFIRE Q SERIES**

**TECHNICAL DATA INFORMATION PACKET**



# Standard Ratings

## Q Series

### Q: Gas Only Configuration

	Gas Input MBH	BHP @ 80% Eff.	Blower Motor HP	Furnace Pressure ("w.c.)	Standard Gas Train Pipe Size (in.)	Min. Gas Pressure ("w.c.)	Fresh Air Inlet Size (in.)
<b>Model No. &amp; Frame Size</b>							
Q6-037	375	9	1/2	0.5	1.5	4.0	4.0
Q6-055	550	13	1/2	0.5	1.5	4.0	4.0
Q6-075	750	18	1/2	0.5	1.5	4.0	4.0
Q6-100	1,000	24	1/2	0.5	1.5	4.0	4.0
Q6-130	1,250	30	1/2	0.5	1.5	4.0	4.0
Q6-150	1,500	36	1/2	0.5	1.5	4.0	4.0
Q8-175	1,750	42	3/4	0.5	1.5	4.0	5.75
Q8-200	2,000	48	3/4	0.5	1.5	4.0	5.75
Q8-250	2,500	60	3/4	0.5	1.5	4.0	5.75

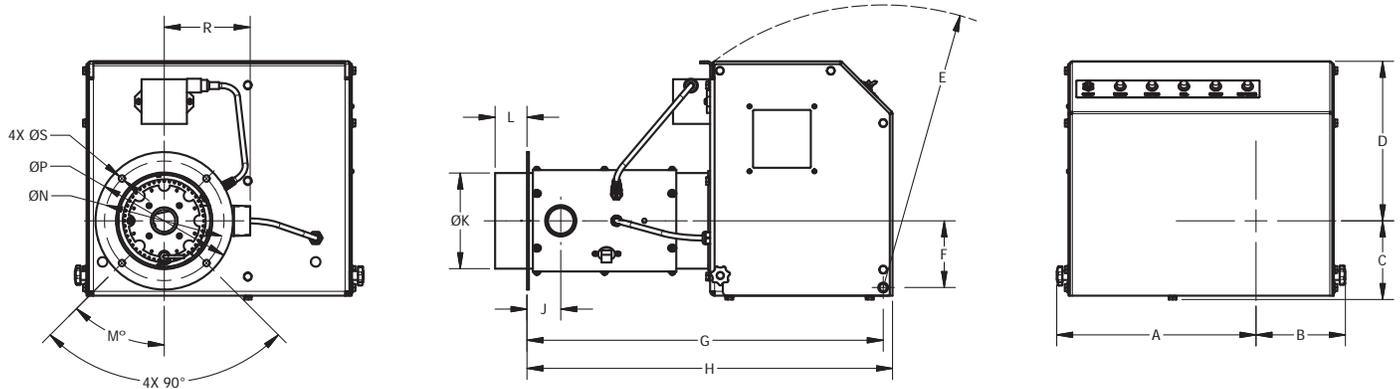
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Input is based on fuel BTU content, listed furnace pressure and altitude of 2,000 feet or less. If altitude > 2,000 feet and < 8,000 feet, derate capacity 4% per 1,000 feet over 2,000. Consult factory for higher altitudes. If furnace pressure exceeds listed value, derate capacity 5% for every 0.5" w.c. of pressure in excess of stated. Consult factory if derate exceeds 20%. Gas input is based on natural gas with 1,000 BTU/cu.ft. and 0.60 gravity. For total pressure at manifold, add furnace pressure. Consult factory for 50 Hz. applications.

# Standard Dimensions

## Q Series

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DIM	Burner Model		
	Q6	Q8	
Length in inches			
Overall burner length	H	22 7/8	25 5/8
Width in inches			
Center line to left side	A	12 1/2	15 5/16
Center line to right side	B	5 5/8	6 7/8
Height in inches			
Center line to top	D	10	11 7/8
Center line to bottom	C	4 7/8	4 5/8
Hinge pivot point in inches			
Mounting flange to hinge	G	22 3/8	25
Hinge swing radius	E	17 11/16	20 5/8
Center line to hinge	F	4 3/16	3 7/8
Blast tube in inches			
Extension	L	2	2
Diameter	K	6	8
Mounting flange dimensions in inches			
Outer diameter	P	8 5/8	11
Offset of bolt circle starting point	M	0	45
Bolt circle diameter	N	7 1/2	9 1/2
Gas inlet dimensions in inches			
Center line to main gas inlet	R	5 3/8	6 3/8
Mounting flange to main gas inlet	J	2 1/8	2 1/8

Accompanying dimensions, while sufficiently accurate for layout purposes, must be confirmed for construction.



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