

Capacity: 500,000 – 9MM Btu/hr

Parameters	Specifications
In-duct air stream velocity, ft/min (m/s)	1,000-5,000 (5-25)
Minimum main gas inlet pressure, "w.c." (mbar) ¹	8 (20) – Natural Gas
	11 (27.3) – Propane
Turn down ratio	Up to 40:1
High fire maximum flame length, inches (mm) ²	26 (660)
Maximum upstream air temperature, °F (°C)	750 (400)
Maximum downstream air temperature ³	1,200 (650)
Ignition Type	Pilot
Flame Detection	Flame Rod or UV scanner
Fuel	Natural Gas or Propane
Conformance capable for thermal processing application standards	NFPA 86, CSA B149.3, EN746-2, ISO 13577-2

Capacities with standard air blower up to 1000 ft elevation. Higher elevations may require an optional blower.

1 Main gas requirement applies to Selas supplied gas train.

2 Flame length dependent upon application, fuel type, air streams, air-fuel ratios, etc.

3 Maximum chamber temperature dependent upon application, radiation, back-draft, etc., follow cautions in instructions.

NOTE: All values are approximate and are given for a 0-pressure chamber. To check if packages meet other agency requirements, contact the factory.

NOTICE: Selas practices a policy of continuous improvement in the design of its products. It reserves the right to change the specifications at any time without notice.



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PH Package Burners

Capacities & Dimensions

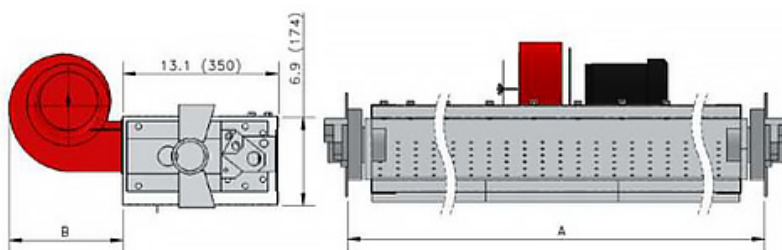
Burner Model	Total input		Dimensions, inches (mm)	
	Btu/hr.	kW	A	B
PH-50	500,000	146	6.7 (172)	9 (228)
PH-100	1,000,000	293	12.7 (324)	9(228)
PH-150	1,500,000	439	18.7 (475)	9 (228)
PH-200	2,000,000	586	24.7 (627)	10.9 (278)
PH-250	2,500,000	732	30.7 (779)	10.9 (278)
PH-300	3,000,000	879	36.7 (931)	10.9 (278)
PH-350	3,500,000	1,025	42.7 (1085)	11.8 (300)
PH-400	4,000,000	1,172	48.7 (1237)	11.8 (300)
PH-450	4,500,000	1,318	For dimensions of larger model burners, contact the factory.	
PH-500	5,000,000	1,465		
PH-550	5,500,000	1,612		
PH-600	6,000,000	1,758		
PH-650	6,500,000	1,905		
PH-700	7,000,000	2,051		
PH-750	7,500,000	2,198		
PH-800	8,000,000	2,345		
PH-850	8,500,000	2,491		
PH-900	9,000,000	2,638		

Notes: Fixing holes in flanges are drilled 12 mm (0.47") diameter.

For capacities of 5 MM Btu/hr and higher, burner configuration will change, consult the factory.

All dimensions are in inches ±1/8. Dimensions subject to change without notice.

Blower may be mounted in other orientations.



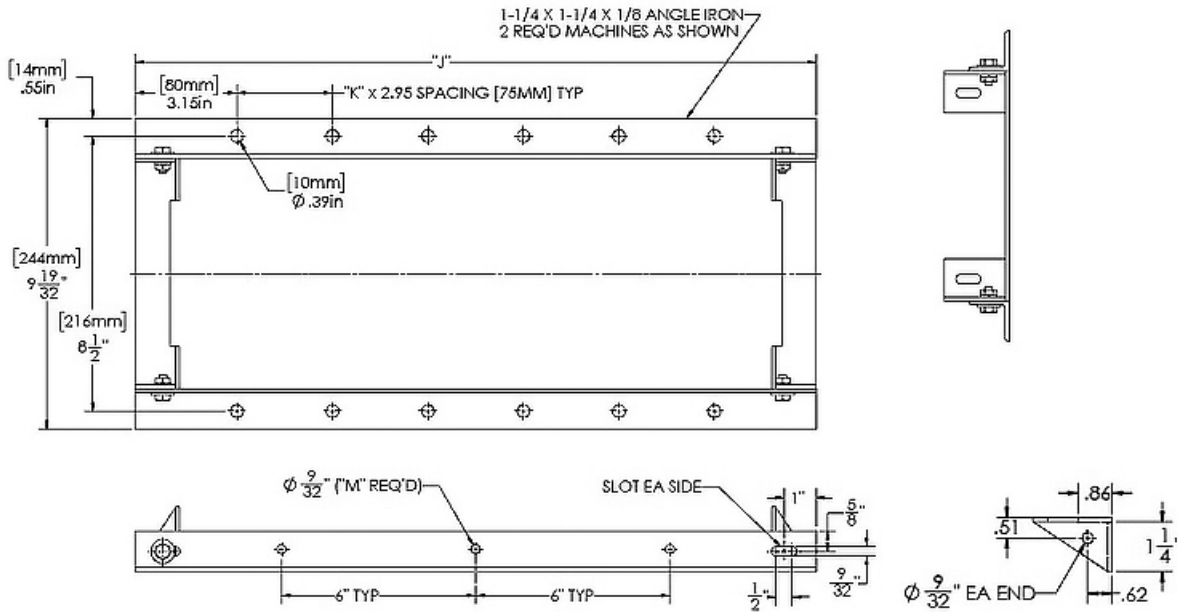
Burner	Gas Connection
PH-50	1"
PH-100	1"
PH-150	1-1/2"
PH-200	1-1/2"
PH-250	2"
PH-300	2"
PH-350	2"
PH-400	2"



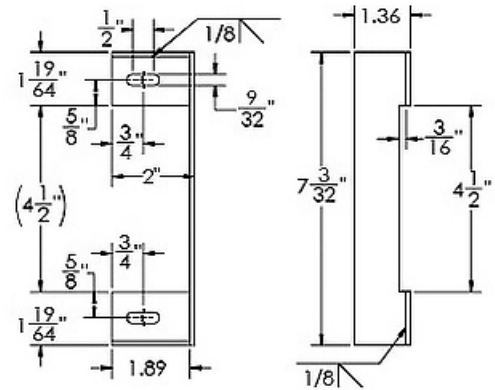
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PH Package Burners

Mounting Options - Sealed Flanges



Part Number	Burner Model	J	K	M
07374B1	50	9.25" (235mm)	1	0
07374B2	100	15.16" (385mm)	3	1
07374B3	150	21.06" (535mm)	5	3
07374B4	200	26.97" (685mm)	7	3
07374B5	250	32.87" (835mm)	9	5
07374B6	300	38.78" (985mm)	11	5
07374B7	350	44.69" (1135mm)	13	7
07374B8	400	50.59" (1285mm)	15	7
07374B9	450	56.73" (1441mm)	17	9
07374B10	500	62.72" (1593mm)	19	9
07374B11	550	68.70" (1745mm)	21	11
07374B12	600	74.69" (1897mm)	23	11



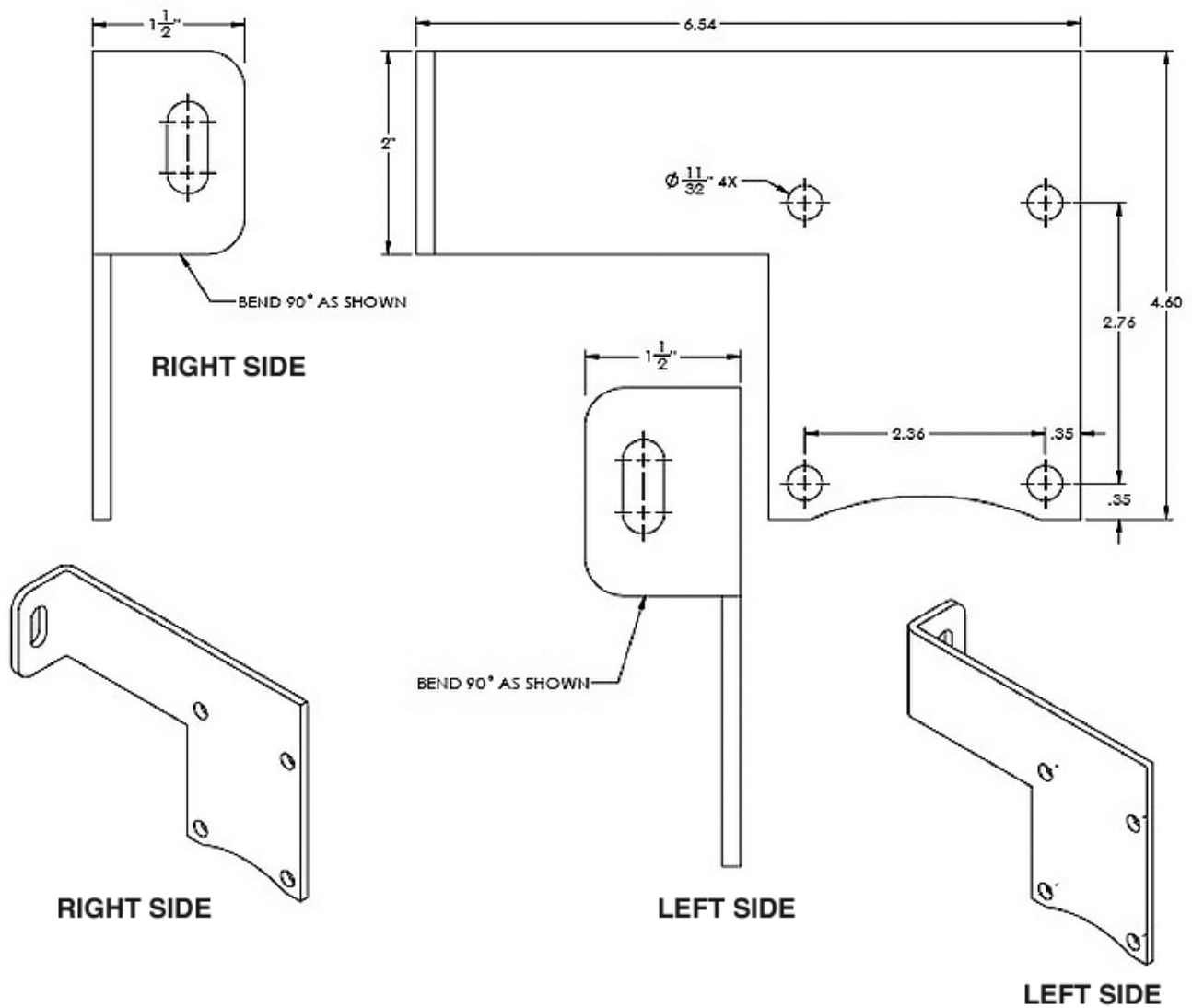
Side Plate Detail Material #12 GA Mild Steel



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Mounting Options - Slot Firing Brackets



SCAN FOR MORE INFORMATION



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