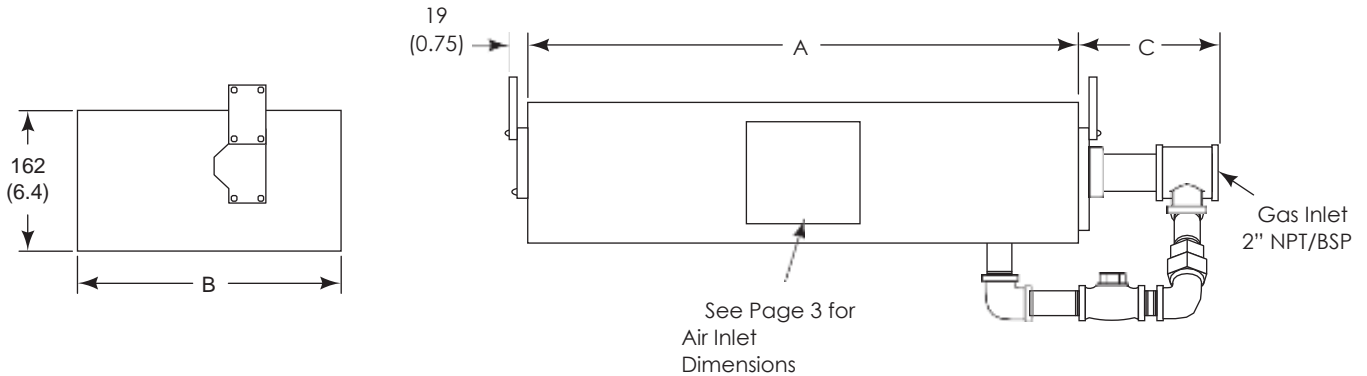


# Yamataha Rectangle AirHeat Burners

## Model RAH

Version 1

### Dimensions in millimeters (inches)



### Metric Unit

Burner Catalog No.	Assembly No.	Total Input, kW*		Blower Catalog No.**	Dimensions in millimeters			Cross Sect. Area, sq. cm.	Approx. Ship Weight, kgs.
		769 kW/M	962 kW/M		A	B	C		
40 RAH	109036	117	147	54-54S-1/3	156	268	238	252	22
80 RAH	109269	234	293	54-54S-1/3	308	268	238	497	29
120 RAH	109270	352	440	54-54S-1/3	460	268	241	748	35
160 RAH	109271	469	586	65-84S-1/3	613	313	241	994	41

\* See RAH Information Guide for more information about typical fuel composition and properties.

\*\*Blowers listed are satisfactory for duct pressures from -0.5" w.c. to +0.2" w.c. (-1.2 mbar to +0.5 mbar). For other conditions, see RAH Datasheet for blower details and sizing.

**Yamataha**

## English Units

Burner Catalog No.	Assembly No.	Total Input* (MM Btu/h)		Blower Catalog No.**	Dimensions in inches			Cross Sect. Area, sq. in.	Approx. Ship Weight, lbs.
		0.8 MM Btu/ft	1.0 MM Btu/ft		A	B	C		
40 RAH	109036	0.4	0.5	54-54S-1/3	6-1/8	10-9/16	9-3/8	39	49
80 RAH	109269	0.8	1.0	54-54S-1/3	12-1/8	10-9/16	9-3/8	77	63
120 RAH	109270	1.2	1.5	54-54S-1/3	18-1/8	10-9/16	9-1/2	116	77
160 RAH	109271	1.6	2.0	65-84S-1/3	24-1/8	12-5/16	9-1/2	154	91

\* See RAH Information Guide for more information about typical fuel composition and properties.

\*\*Blowers listed are satisfactory for duct pressures from -0.5" w.c. to +0.2" w.c. (-1.2 mbar to +0.5 mbar). For other conditions, see RAH Datasheet for blower details and sizing.

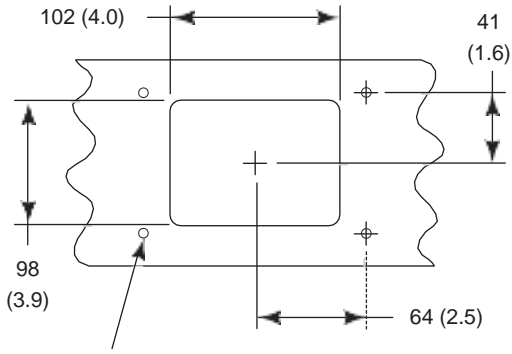
## Approvals

# EAC

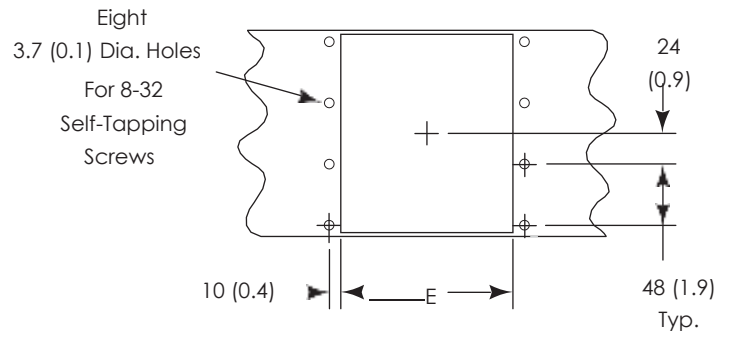
## Air Inlet

Dimensions in millimeters (inches)

**40, 80 & 120 RAH**



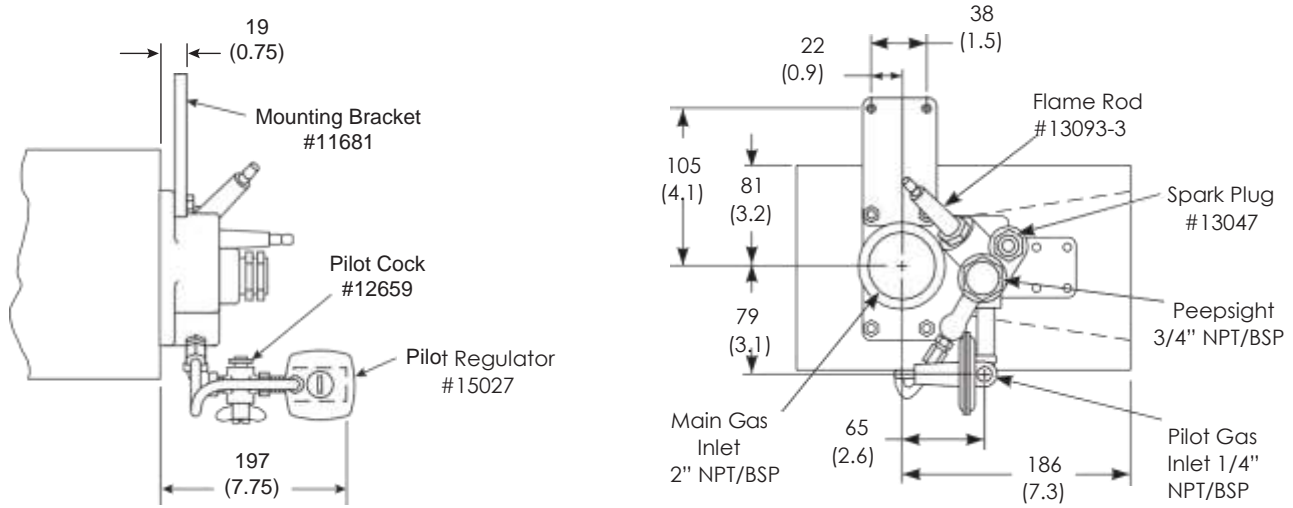
**160 thru 640 RAH**



Four 1/4-20 Tapped Holes

Burner Catalog No.	Dimension E	
	inches	mm
40 RAH	6	152
160 RAH	6	152

## Pilot Components Dimensions in millimeters (inches)



### Check Valve Assembly Number

Burner	Assembly	NPT/BSP
40 & 80 RAH	550088	1/2"
120 & 160 RAH	550092	3/4"