

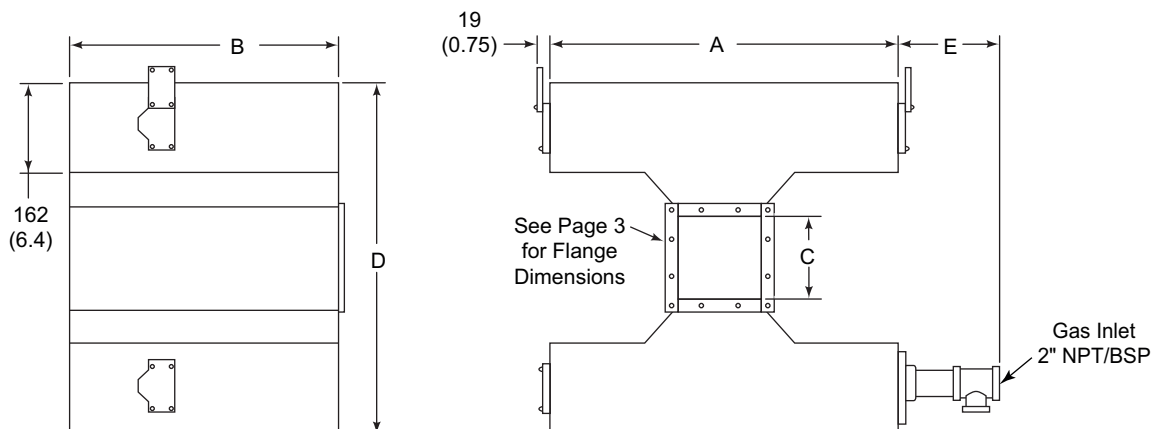
Eclipse AirHeat Burners

Model TAH-R

Data sheet Edition 11.18

Version 1

Dimensions in millimeters (inches)



English Units

Burner Catalog No.	Assembly No.	Total Input ¹		Dimensions in inches				
		0.8 MM Btu/h/ft	1.0 MM Btu/h/ft	A	B	C	D	E
240 TAH-R	109435	2.4	3.0	12-1/8	12-5/16	6	18-7/8	9-1/2
280 TAH-R	109436	2.8	3.5	12-1/8	12-5/16	12	24-7/8	9-7/8
320 TAH-R	109437	3.2	4.0	12-1/8	12-5/16	12	30-7/8	9-7/8
360 TAH-R	109438	3.6	4.5	12-1/8	18-13/16	12	36-7/8	9-7/8
400 TAH-R	109439	4.0	5.0	24-1/8	18-13/16	12	18-7/8	9-7/8
440 TAH-R	109440	4.4	5.5	24-1/8	18-13/16	12	24-7/8	10-1/2
480 TAH-R	109441	4.8	6.0	24-1/8	18-13/16	12	30-7/8	10-1/2
520 TAH-R	109442	5.2	6.5	24-1/8	18-13/16	18	36-7/8	10-1/2
560 TAH-R	109443	5.6	7.0	36-1/8	18-13/16	18	18-7/8	10-1/2
600 TAH-R	109444	6.0	7.5	36-1/8	18-13/16	18	24-7/8	10-1/2
640 TAH-R	109445	6.4	8.0	36-1/8	18-13/16	18	30-7/8	10-1/2
680 TAH-R	109446	6.8	8.5	36-1/8	18-13/16	18	36-7/8	10-1/2
720 TAH-R	109447	7.2	9.0	36-1/8	18-13/16	18	42-7/8	10-1/2

English Units (Continued)

Burner Catalog No.	Typical Blower Catalog No.²	Cross Sectional Area, sq. in.	Approximate Ship Weight, lbs.
240 TAH-R	65-84S-1/3	230	121
280 TAH-R	66-94S-3/4	269	138
320 TAH-R	66-94S-3/4	307	159
360 TAH-R	66-94S-3/4	345	179
400 TAH-R	66-94S-3/4	383	201
440 TAH-R	66-94S-3/4	422	219
480 TAH-R	67-115S-1-1/2	460	243
520 TAH-R	67-115S-1-1/2	498	274
560 TAH-R	67-115S-2	536	306
600 TAH-R	67-115S-2	575	339
640 TAH-R	67-115S-2	613	354
680 TAH-R	78-126S-3	651	380
720 TAH-R	78-126S-3	689	405

Metric Units

Burner Catalog No.	Assembly No.	Total Input¹		Dimensions in mm				
		769 kW/M	961 kW/M	A	B	C	D	E
240 TAH-R	109435	703	879	308	313	152	479	241
280 TAH-R	109436	821	1026	308	313	305	632	251
320 TAH-R	109437	938	1172	308	313	305	784	251
360 TAH-R	109438	1055	1319	308	478	305	937	251
400 TAH-R	109439	1172	1466	613	478	305	479	251
440 TAH-R	109440	1290	1612	613	478	305	632	267
480 TAH-R	109441	1407	1759	613	478	305	784	267
520 TAH-R	109442	1524	1905	613	478	457	937	267
560 TAH-R	109443	1641	2052	918	478	457	479	267
600 TAH-R	109444	1759	2198	918	478	457	632	267
640 TAH-R	109445	1876	2345	918	478	457	784	267
680 TAH-R	109446	1993	2491	918	478	457	937	267
720 TAH-R	109447	2110	2638	918	478	457	1089	267

Metric Units (Continued)

Burner Catalog No.	Typical Blower Catalog No. ²	Cross Sectional Area, sq. cm.	Approximate Ship Weight, kg.
240 TAH-R	65-84S-1/3	1484	55
280 TAH-R	66-94S-3/4	1736	63
320 TAH-R	66-94S-3/4	1981	72
360 TAH-R	66-94S-3/4	2226	81
400 TAH-R	66-94S-3/4	2471	91
440 TAH-R	66-94S-3/4	2723	99
480 TAH-R	67-115S-1-1/2	2968	110
520 TAH-R	67-115S-1-1/2	3213	124
560 TAH-R	67-115S-2	3458	139
600 TAH-R	67-115S-2	3710	154
640 TAH-R	67-115S-2	3955	161
680 TAH-R	78-126S-3	4200	172
720 TAH-R	78-126S-3	4445	184

- 1) See TAH-R Information Guide for more information about typical fuel composition and properties.
- 2) 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 TAH-R Datasheet for blower details and sizing.

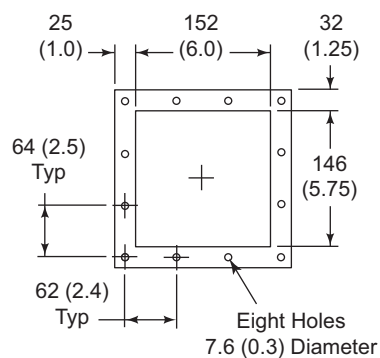
Approvals



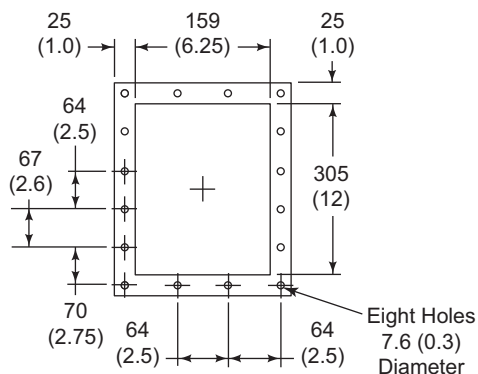
Air Inlet

Dimensions in millimeters (inches)

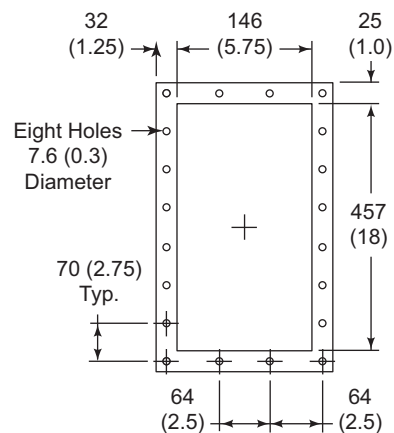
240 TAH-R



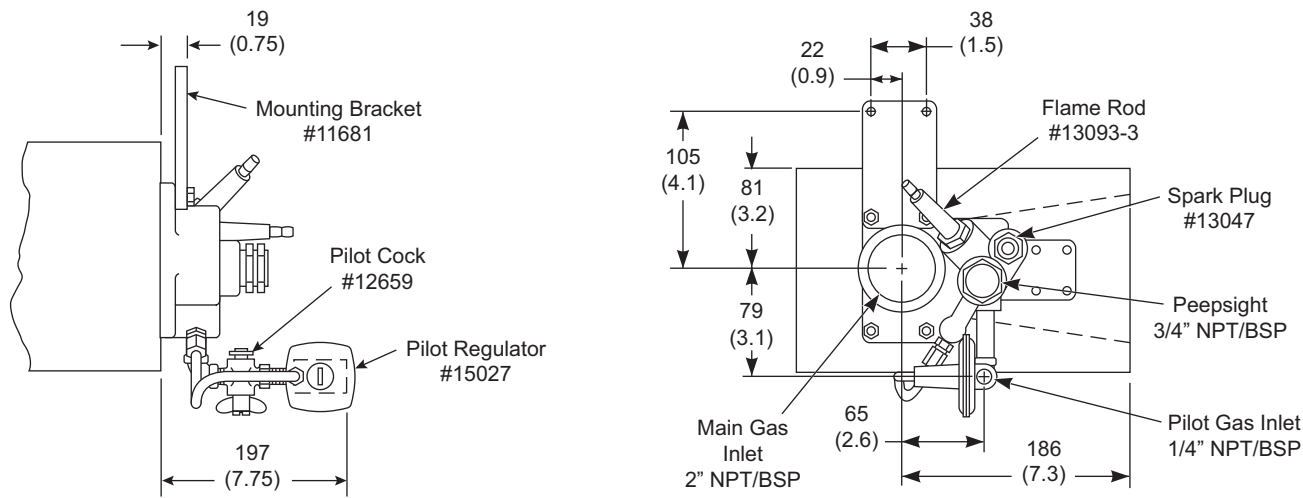
280 thru 480 TAH-R



520 thru 720 TAH-R



Pilot Components
Dimensions in millimeters (inches)



Check Valve Assembly Number

Burner	Assembly	NPT/BSP
240 TAH-R	550096	1"
280 thru 720 TAH-R	550100	1-1/4"

For More Information

The Honeywell Thermal Solutions family of products includes Honeywell Combustion Safety, Honeywell Combustion Service, Eclipse, EXOTHERMICS, HAUCK, Kromschroder and MAXON. To learn more about our products, visit ThermalSolutions.honeywell.com or contact your Honeywell Sales Engineer.

Honeywell Process Solutions

Honeywell Thermal Solutions (HTS)
Eclipse Inc.
1665 Elmwood Rd.
Rockford, IL 61103
United States
T +1 815 877 3031
www.ThermalSolutions.honeywell.com