

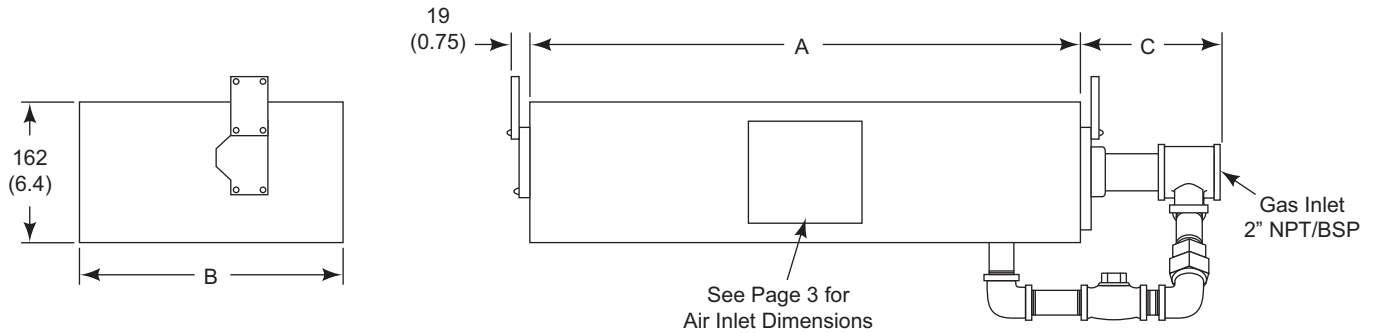
Eclipse AirHeat Burners

Model RAH

Data sheet Edition 11.18

Version 1

Dimensions in millimeters (inches)



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
200 RAH	109272	2.0	2.5	66-94S-3/4	30-1/8	12-5/16	9-1/2	192	105
240 RAH	109273	2.4	3.0	66-94S-3/4	36-1/8	12-5/16	9-1/2	230	126
280 RAH	109274	2.8	3.5	66-94S-3/4	42-1/8	12-5/16	9-7/8	269	144
320 RAH	109275	3.2	4.0	66-94S-1	48-1/8	12-5/16	9-7/8	307	172
360 RAH	109276	3.6	4.5	67-115S-1-1/2	54-1/8	15-13/16	9-7/8	345	180
400 RAH	109277	4.0	5.0	67-115S-1-1/2	60-1/8	15-13/16	9-7/8	383	204
440 RAH	109278	4.4	5.5	67-115S-1-1/2	66-1/8	15-13/16	10-1/2	422	222
480 RAH	109279	4.8	6.0	67-115S-1-1/2	72-1/8	15-13/16	10-1/2	460	258
520 RAH	109280	5.2	6.5	67-115S-2	78-1/8	15-13/16	10-1/2	498	300
560 RAH	109281	5.6	7.0	67-115S-2	84-1/8	15-13/16	10-1/2	536	324
600 RAH	109282	6.0	7.5	67-115S-2	90-1/8	15-13/16	11	575	360
640 RAH	109283	6.4	8.0	67-115S-2	96-1/8	15-13/16	11	613	372

* 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.

Metric Units

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
200 RAH	109272	586	733	66-94S-3/4	765	313	241	1239	48
240 RAH	109273	703	879	66-94S-3/4	918	313	241	1484	57
280 RAH	109274	821	1026	66-94S-3/4	1070	313	251	1736	65
320 RAH	109275	938	1172	66-94S-1	1222	313	251	1981	78
360 RAH	109276	1055	1319	67-115S-1-1/2	1375	402	251	2226	82
400 RAH	109277	1172	1466	67-115S-1-1/2	1527	402	251	2471	93
440 RAH	109278	1290	1612	67-115S-1-1/2	1680	402	267	2723	101
480 RAH	109279	1407	1759	67-115S-1-1/2	1832	402	267	2968	117
520 RAH	109280	1524	1905	67-115S-2	1984	402	267	3213	136
560 RAH	109281	1641	2052	67-115S-2	2137	402	267	3458	147
600 RAH	109282	1759	2198	67-115S-2	2289	402	279	3710	163
640 RAH	109283	1876	2345	67-115S-2	2442	402	279	3955	169

* 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.

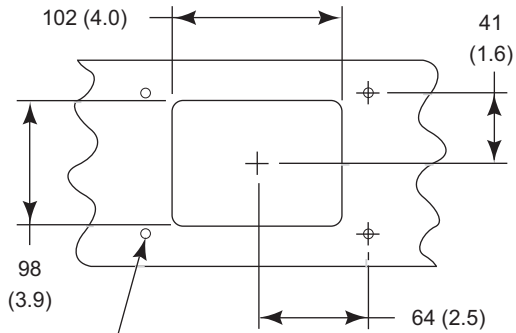
Approvals

EAC

Air Inlet

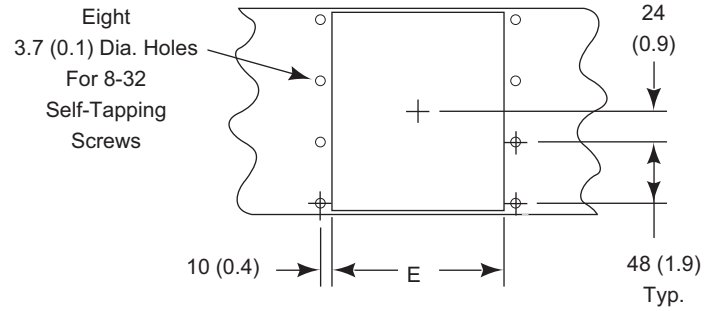
Dimensions in millimeters (inches)

40, 80 & 120 RAH



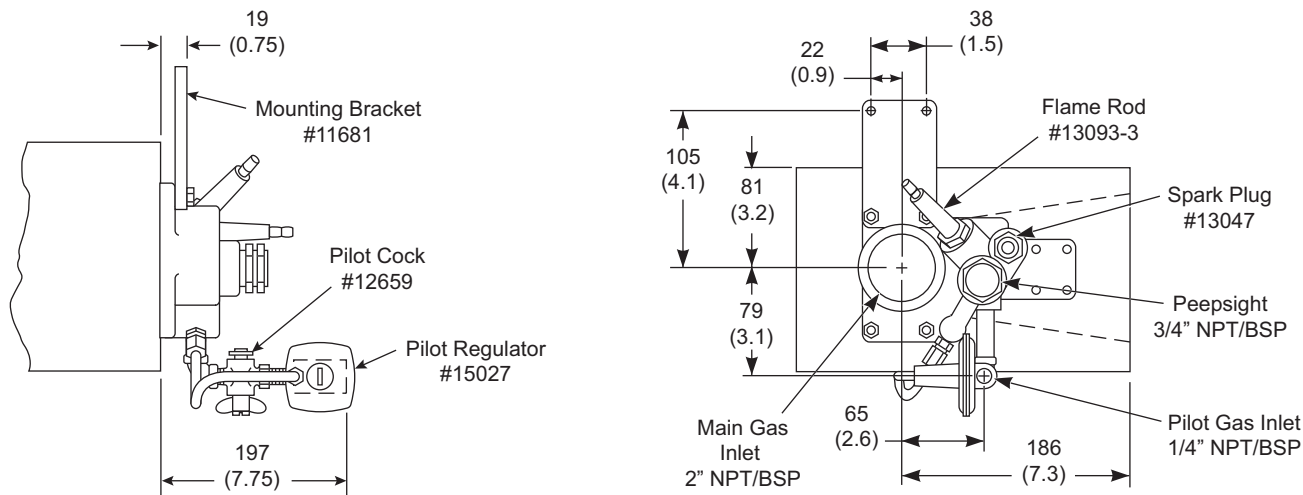
Four 1/4-20 Tapped Holes

160 thru 640 RAH



Burner Catalog No.	Dimension E	
	inches	mm
40 RAH	6	152
160 RAH	6	152
200 RAH	7-1/2	191
240 RAH	9	229
280 RAH	10-1/2	267
320 RAH	12	305
360 RAH	13-1/2	343
400 RAH	15	381
440 RAH	16-1/0	419
480 RAH	18	457
520 RAH	19-1/2	495
560 RAH	21	533
600 RAH	22-1/2	572
640 RAH	24	610

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"
200 & 240 RAH	550096	1"
280 thru 640 RAH	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.

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