

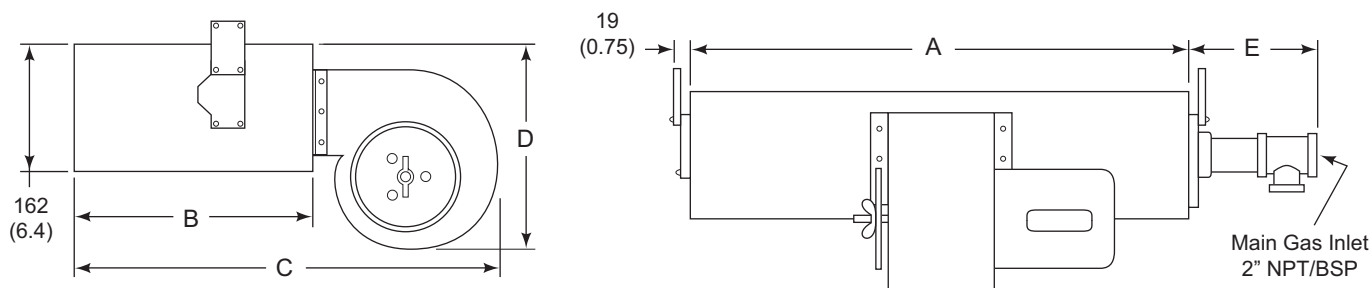
Eclipse AirHeat Burners

Model AH

Data sheet Edition 11.18

Version 1

Dimensions in millimeters (inches)



English Units

Burner Catalog No.	Assembly No.	60Hz Blower Catalog No.*	50Hz Blower Catalog No.*	Dimensions in inches						
				A	B	60Hz Blower		50Hz Blower		E
						C	D	C	D	
040 AH	109654	54-54S-1/3	MN 402	6.12	10.56	18.00	8.75	18.46	11.46	9.37
080 AH	109250	54-54S-1/3	MN 402	12.12	10.56	19.31	9.68	19.80	12.40	9.37
120 AH	109251	54-54S-1/3	MN 402	18.12	10.56	19.31	9.68	19.80	12.40	9.50
160 AH	109252	65-84S-1/3	MN 502	24.12	12.31	25.25	15.56	23.03	14.49	9.50
200 AH	109253	65-84S-1/3	MN 502	30.12	12.31	25.25	15.56	23.03	14.49	9.50
240 AH	109254	65-84S-1/3	MN 502	36.12	12.31	25.25	15.56	23.03	14.49	9.50
280 AH	109255	66-94S-3/4	MN 602	42.12	12.31	27.31	15.56	23.54	15.98	9.87
320 AH	109256	66-94S-3/4	MN 602	48.12	12.31	27.31	15.56	23.54	15.98	9.87
360 AH	109257	66-94S-3/4	MN 602	54.12	15.81	28.75	15.56	27.04	15.98	9.87
400 AH	109258	66-94S-3/4	MN 602	60.12	15.81	30.75	15.93	29.06	16.38	9.87
440 AH	109259	66-94S-3/4	MN 602	66.12	15.81	30.75	15.93	29.06	16.38	10.50
480 AH	109260	66-94S-1	-	72.12	15.81	30.75	15.93	-	-	10.50
520 AH	109261	67-115S-1.5	-	78.12	15.81	32.37	15.93	-	-	10.50
560 AH	109262	67-115S-2	-	84.12	15.81	32.37	17.56	-	-	10.50
600 AH	109263	67-115S-2	-	90.12	15.81	32.37	17.56	-	-	11.0
640 AH	109264	67-115S-2	-	96.12	15.81	32.37	17.56	-	-	11.0

English Units (Continued)

Burner Catalog No.	Assembly No.	60Hz Blower Catalog No.*	50Hz Blower Catalog No.*	Total Input, Btu/h		Cross Sectional Area, sq. in.	Approximate Ship weight, lbs.
				0.8 MM	1.0 MM		
040 AH	109654	54-54S-1/3	MN 402	0.4	0.5	39	55
080 AH	109250	54-54S-1/3	MN 402	0.8	1.0	77	70
120 AH	109251	54-54S-1/3	MN 402	1.2	1.5	116	83
160 AH	109252	65-84S-1/3	MN 502	1.6	2.0	154	96
200 AH	109253	65-84S-1/3	MN 502	2.0	2.5	192	129
240 AH	109254	65-84S-1/3	MN 502	2.4	3.0	230	150
280 AH	109255	66-94S-3/4	MN 602	2.8	3.5	269	168
320 AH	109256	66-94S-3/4	MN 602	3.2	4.0	307	196
360 AH	109257	66-94S-3/4	MN 602	3.6	4.5	345	216
400 AH	109258	66-94S-3/4	MN 602	4.0	5.0	383	240
440 AH	109259	66-94S-3/4	MN 602	4.0	5.5	422	258
480 AH	109260	66-94S-1	-	4.8	6.0	460	294
520 AH	109261	67-115S-1.5	-	5.2	6.5	498	336
560 AH	109262	67-115S-2	-	5.6	7.0	536	360
600 AH	109263	67-115S-2	-	6.0	7.5	575	396
640 AH	109264	67-115S-2	-	6.4	8.0	613	408

Metric Units

Burner Catalog No.	Assembly No.	60Hz Blower Catalog No.*	50Hz Blower Catalog No.*	Dimensions in mm						
				A	B	60Hz Blower		50Hz Blower		E
						C	D	C	D	
040 AH	109654	54-54S-1/3	MN 402	156	268	457	222	469	291	238
080 AH	109250	54-54S-1/3	MN 402	308	268	491	246	503	315	238
120 AH	109251	54-54S-1/3	MN 402	460	268	491	246	503	315	241
160 AH	109252	65-84S-1/3	MN 502	613	313	641	395	585	368	241
200 AH	109253	65-84S-1/3	MN 502	765	313	641	395	585	368	241
240 AH	109254	65-84S-1/3	MN 502	918	313	641	395	585	368	241
280 AH	109255	66-94S-3/4	MN 602	1070	313	694	395	598	406	251
320 AH	109256	66-94S-3/4	MN 602	1222	313	694	395	598	406	251
360 AH	109257	66-94S-3/4	MN 602	1375	402	730	395	687	406	251
400 AH	109258	66-94S-3/4	MN 602	1527	402	781	405	738	416	251
440 AH	109259	66-94S-3/4	MN 602	1680	402	781	405	738	416	267
480 AH	109260	66-94S-1	-	1832	402	781	405	-	-	267
520 AH	109261	67-115S-1.5	-	1984	402	822	405	-	-	267
560 AH	109262	67-115S-2	-	2137	402	822	446	-	-	267
600 AH	109263	67-115S-2	-	2289	402	822	446	-	-	279
640 AH	109264	67-115S-2	-	2442	402	822	446	-	-	279

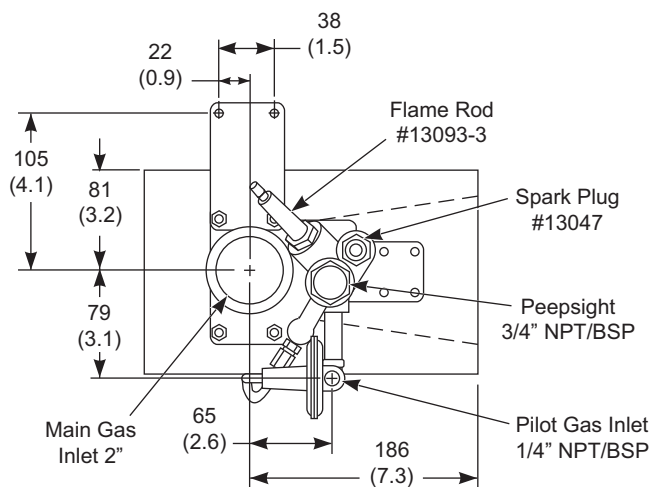
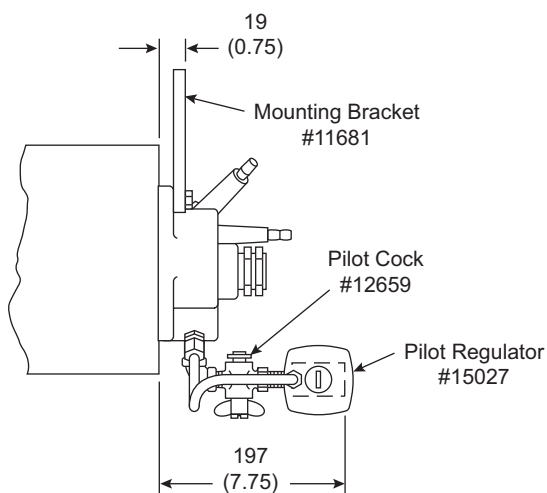
Metric Units (Continued)

Burner Catalog No.	Assembly No.	60Hz Blower Catalog No.*	50Hz Blower Catalog No.*	Total Input, kW		Cross Sectional Area, sq. cm.	Approximate Ship weight, kg
				769 kW/M	962 kW/M		
040 AH	109654	54-54S-1/3	MN 402	117	147	252	25
080 AH	109250	54-54S-1/3	MN 402	234	293	497	32
120 AH	109251	54-54S-1/3	MN 402	352	440	748	38
160 AH	109252	65-84S-1/3	MN 502	469	586	994	44
200 AH	109253	65-84S-1/3	MN 502	586	733	1239	59
240 AH	109254	65-84S-1/3	MN 502	703	879	1484	68
280 AH	109255	66-94S-3/4	MN 602	821	1026	1736	76
320 AH	109256	66-94S-3/4	MN 602	938	1172	1981	89
360 AH	109257	66-94S-3/4	MN 602	1055	1319	2226	98
400 AH	109258	66-94S-3/4	MN 602	1172	1466	2471	109
440 AH	109259	66-94S-3/4	MN 602	1290	1612	2723	117
480 AH	109260	66-94S-1	-	1407	1759	2968	133
520 AH	109261	67-115S-1.5	-	1524	1905	3213	152
560 AH	109262	67-115S-2	-	1641	2052	3458	163
600 AH	109263	67-115S-2	-	1759	2198	3710	180
640 AH	109264	67-115S-2	-	1876	2345	3955	185

* See AirHeat v1 Accessories Data Sheet.

Approvals**Pilot Components**

Dimensions in millimeters (inches)

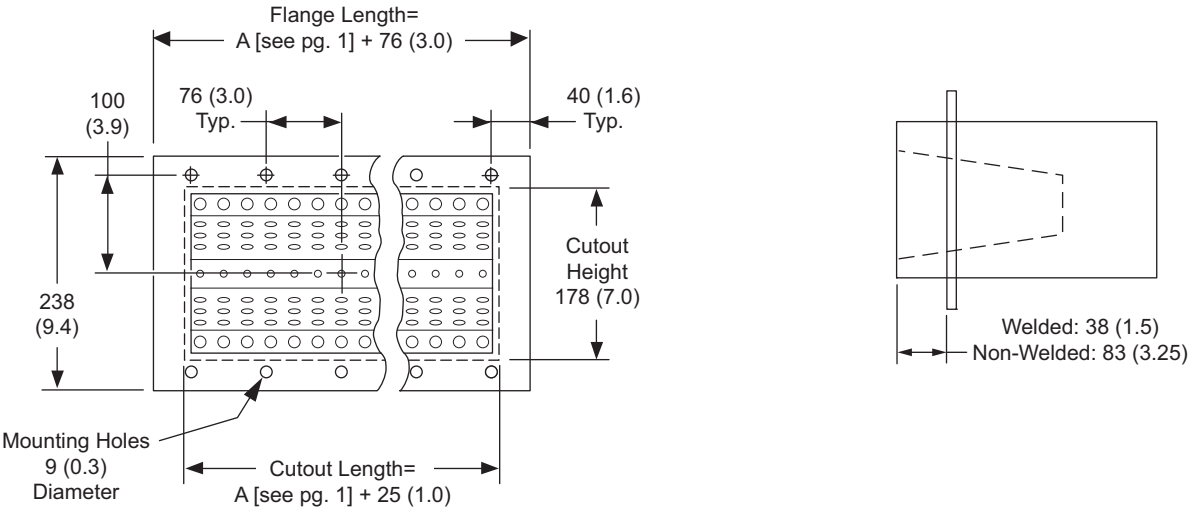


Check Valve Assembly No.

Burner	Assy.	NPT/BSP
40 & 80 AH	550088	1/2"
120 & 160 AH	550092	3/4"
200 & 240 AH	550096	1"
280 thru 640 AH	550100	1-1/4"

Mounting Options for Continuous Flanges

Standard: Non-Welded
 Optional: All-Welded Pressure Sealed
 Dimensions in millimeters (inches)



Mounting Options 201 AH Brackets for Slot Firing

Dimensions in millimeters (inches)

