

The Bryant Heater & Mfg. Company

Factory, 952 E. 72nd St.



CLEVELAND, OHIO

NEW YORK, N. Y., 212 Livingston St., Brooklyn
CINCINNATI, O., 421 Union Trust Bldg.
DENVER, CO., 1425 Sixteenth St.
CANTON, O., 1607 Shorb Ave., N. W.
PITTSBURGH, PA., East End Trust Bldg., Penn
and Hiland Ave.

BRANCH
OFFICES

CHICAGO, ILL., 15 E. Van Buren St.
ST. LOUIS, MO., 608 Fullerton Bldg.
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PHILADELPHIA, PA., Bourse Bldg.
BALTIMORE, MD., 1116 Lexington Bldg.
SAN FRANCISCO, CAL., 710 Polk St.

Products—Bryant Gas Boilers for Hot Water, Steam or Vapor Heating; Bryant Hot Water Storage Systems; Bryant Low Pressure Steam Generators.

General Description of Boiler—

A patented boiler of tubular, sectional construction having an individual burner for each section. Embodies thermostatic control and other automatic regulating devices. Gives 84 per cent. efficiency with natural or manufactured gas.

Constructed of cast iron with heavy base which serves as foundation.

Heat is quickly transmitted through thin walls of liberally proportioned tubes; staggered tubes give a long heat travel; scientifically designed burners afford perfect combustion; tubes easily accessible for cleaning, if desired.

General Description of Hot Water Storage System—

A rugged system suited for all places requiring a large supply of hot water on instant notice. Boiler is controlled by automatic devices, and maintains a tank, full of hot water at all times. Has ample capacity to handle peak loads or sustained heavy demands.

Bryant Service—Bryant representatives go anywhere. Apply for information at any of the above branch offices or communicate with headquarters.

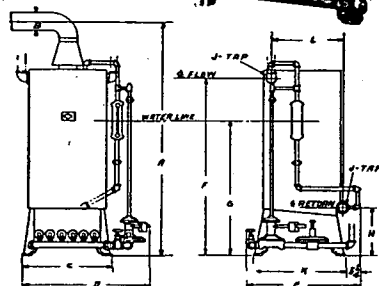
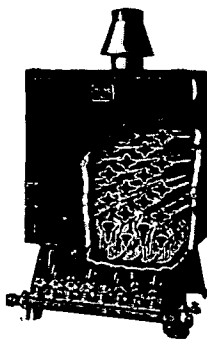
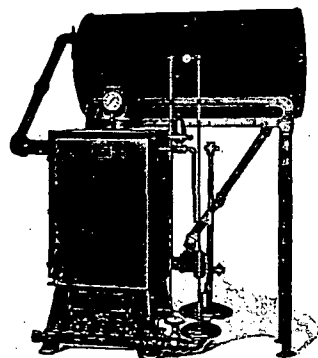
Bryant Boiler,
Showing Interior
Construction

Diagram of Installation, See Dimensions on Next Page



Bryant Hot Water Storage System

Ratings and Dimensions of Bryant Gas Boilers

Steam Boiler No.		Water Boiler No.		Dimensions. Inches											
Sections Type Tappings	Rating	Sections Type Tappings	Rating	A	B	C	D	E	F	G	H	J	K	L	
3-S-2	200	3-C-2	320	47	5	15 3/8	28 1/2	29	29 3/8	22	12 1/8	2	18	13 1/8	
4-S-2	265	4-C-2	425	47	5	18 5/8	31 1/8	29	29 3/8	22	12 1/8	2	18	13 1/8	
5-S-2	335	5-C-2	535	47	5	21 1/8	34 1/8	29	29 3/8	22	12 1/8	2	18	13 1/8	
3-S-3	400	3-C-3	640	65	5	17 3/8	30 1/2	37	46	36	15 3/8	3	26 1/8	21 1/8	
4-S-3	560	4-C-3	895	66	6	20 1/8	33 3/4	37	46	36	15 3/8	3	26 1/8	21 1/8	
5-S-3	720	5-C-3	1150	66	6	23 3/8	37 1/8	37	46	36	15 3/8	3	26 1/8	21 1/8	
6-S-3	880	6-C-3	1410	66	6	26 1/8	41 3/8	37	46	36	15 3/8	3	26 1/8	21 1/8	
7-S-3	1040	7-C-3	1665	67	7	29 3/8	44 1/8	37	46	36	15 3/8	3	26 1/8	21 1/8	
8-S-3	1200	8-C-3	1920	67	7	33	47 3/8	37	46	36	15 3/8	3	26 1/8	21 1/8	
9-S-4	1500	9-C-4	2400	66 1/2	8	40 1/8	54 3/8	37	47 3/4	37	15 3/4	4	26 1/8	21 1/8	
11-S-4	1880	11-C-4	3010	67	8	47 3/8	63 3/8	37 1/4	47 3/4	37	15 3/4	4	26 1/8	21 1/8	
13-S-4	2260	13-C-4	3620	67	8	54 3/8	70 3/8	37 1/4	47 3/4	37	15 3/4	4	26 1/8	21 1/8	
15-S-4	2640	15-C-4	4220	67 1/2	9	61 3/8	77 3/8	37 1/4	47 3/4	37	15 3/4	4	26 1/8	21 1/8	
17-S-4	3020	17-C-4	4830	67 1/2	9	69 3/8	86	37 1/4	47 3/4	37	15 3/4	4	26 1/8	21 1/8	
19-S-4	3400	19-C-4	5440	67 1/2	9	76 3/8	93 3/4	37 1/4	47 3/4	37	15 3/4	4	26 1/8	21 1/8	
21-S-4	3780	21-C-4	6050	67 1/2	9	83 3/8	100 3/4	37 1/4	47 3/4	37	15 3/4	4	26 1/8	21 1/8	
23-S-4	4160	23-C-4	6660	68	10	90 3/8	107 3/4	37 1/4	47 3/4	37	15 3/4	4	26 1/8	21 1/8	
25-S-4	4540	25-C-4	7260	68	10	98 3/8	115	37 1/4	47 3/4	37	15 3/4	4	26 1/8	21 1/8	
27-S-4	4920	27-C-4	7870	68 1/2	11	105 3/8	122 3/4	37 1/4	47 3/4	37	15 3/4	4	26 1/8	21 1/8	
29-S-4	5300	29-C-4	8480	68 1/2	11	112 3/8	129 3/4	37 1/4	47 3/4	37	15 3/4	4	26 1/8	21 1/8	
31-S-4	5680	31-C-4	9090	68 1/2	11	119 3/8	136 3/4	37 1/4	47 3/4	37	15 3/4	4	26 1/8	21 1/8	
33-S-4	6060	33-C-4	9700	68 1/2	11	127 3/8	144	37 1/4	47 3/4	37	15 3/4	4	26 1/8	21 1/8	
35-S-4	6440	35-C-4	10,300	68 1/2	11	134 3/8	151 1/4	37 1/4	47 3/4	37	15 3/4	4	26 1/8	21 1/8	
37-S-4	6820	37-C-4	10,910	69	12	141 3/8	158 1/4	37 1/4	47 3/4	37	15 3/4	4	26 1/8	21 1/8	
39-S-4	7200	39-C-4	11,520	69	12	148 3/8	165 1/4	37 1/4	47 3/4	37	15 3/4	4	26 1/8	21 1/8	
41-S-4	7580	41-C-4	12,330	69	12	156 3/8	173	37 1/4	47 3/4	37	15 3/4	4	26 1/8	21 1/8	

Capacities of Bryant Hot Water Storage Systems

Boiler H. P.	Available B.t.u.	Boiler No.	Capacity, in gallons per hour raised					
			40°	60°	80°	100°	120°	140°
1.3	45,000	3-A-2	135	94	68	54	45	39
1.8	60,500	4-A-2	181	126	91	72	60	52
2.2	75,500	5-A-2	226	157	113	90	75	65
2.7	90,500	3-A-3	275	185	140	110	90	80
3.6	120,500	4-A-3	360	240	180	145	120	105
4.5	151,000	5-A-3	450	300	225	180	150	130
5.4	181,000	6-A-3	545	360	270	215	180	155
6.3	211,000	7-A-3	630	420	315	250	210	180
7.2	241,500	8-A-3	720	480	360	290	240	205
9	305,000	9-A-4	920	610	460	370	305	260
11	372,000	11-A-4	1120	735	560	450	370	320
13	439,000	13-A-4	1320	880	660	530	440	380
15	506,000	15-A-4	1520	1020	760	610	505	435
17	573,000	17-A-4	1720	1150	860	690	575	485
19	640,000	19-A-4	1920	1280	960	770	640	550
21	707,000	21-A-4	2120	1410	1060	850	705	605
23	774,000	23-A-4	2320	1540	1160	930	775	660
25	840,000	25-A-4	2520	1680	1260	1010	840	720
27	908,000	27-A-4	2720	1820	1360	1090	910	775
29	975,000	29-A-4	2920	1950	1460	1170	975	835
31	1,041,000	31-A-4	3130	2080	1565	1250	1040	890
33	1,109,000	33-A-4	3330	2220	1665	1330	1110	950
35	1,176,000	35-A-4	3530	2350	1765	1410	1175	1005
37	1,242,000	37-A-4	3730	2480	1865	1490	1240	1060
39	1,310,000	39-A-4	3930	2620	1965	1570	1310	1120
41	1,377,000	41-A-4	4130	2750	2065	1650	1375	1180