

Boilers (Gas Fired)

THE BRYANT HEATER & MFG. COMPANY

Factory, 952 E. 72nd St.



CLEVELAND, OHIO

BRANCH OFFICES

PITTSBURGH, PA., East End Trust Bldg., Penn and Hiland Ave.; CINCINNATI, OHIO, 421 Union Trust Bldg.; CANTON, OHIO, 1607 Shorb Ave.; PHILADELPHIA, PA., Bourse Bldg.; SAN FRANCISCO, CAL., 710 Polk St.; BOSTON, MASS., 126 High St.; BUFFALO, N. Y., Erie County Bank Bldg.; NEW YORK, N. Y., 212 Livingston St., Brooklyn; CHICAGO, ILL., 218 S. Wabash Ave.; DENVER, COLO., 1425 Sixteenth St.; TOLEDO, OHIO, 449 Nicholas Bldg.; ST. LOUIS, MO., 1515 Olive St.; BALTIMORE, MD., 1116 Lexington Bldg.

Products

Bryant Gas Boilers for Hot Water, Steam or Vapor Heat.

Bryant Hot Water Storage Systems.

Bryant Low Pressure Steam Generator.

General Description of Boiler—

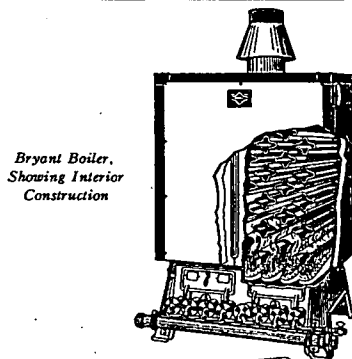
A patented boiler of tubular, sectional construction having an individual burner for each section. Embodies thermostatic control and other automatic regulating devices. Gives 84½ per cent efficiency with natural or manufactured gas.

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

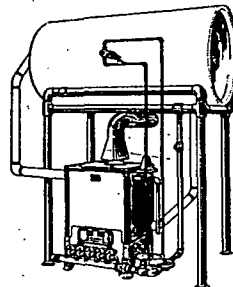
Heat is quickly transmitted through thin walls of liberally proportioned tubes; staggered tubes give a long heat travel; scientifically designed burners afford perfect combustion; tubes easily accessible for cleaning, if desired.

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.

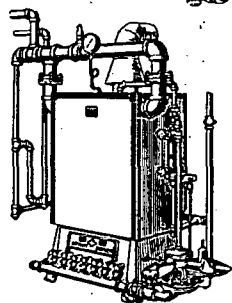
Bryant Service—Bryant representatives go anywhere. Apply for information at any of the above branch offices or communicate with headquarters.



Bryant Boiler, Showing Interior Construction



5-A-2 Storage System (above)



7-S-3 Steam Boiler, Used in Indirect Systems.

THE BRYANT HEATER & MFG. COMPANY

Boilers (Gas Fired)

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 1/2	28 1/2	29	29 1/2	22	12 1/2	2	18	13 1/2	
4-S-2	265	4-C-2	425	47	5	18 1/2	31 3/4	29	29 1/2	22	12 1/2	2	18	13 1/2	
5-S-2	335	5-C-2	535	47	5	21 1/2	34 1/4	29	29 1/2	22	12 1/2	2	18	13 1/2	
3-S-3	400	3-C-3	640	65	5	17 1/2	30 1/2	37	46	36	15 1/2	3	26 1/2	21 1/2	
4-S-3	560	4-C-3	895	66	6	20 1/4	33 1/4	37	46	36	15 1/2	3	26 1/2	21 1/2	
5-S-3	720	5-C-3	1150	66	6	23 1/2	37 1/2	37	46	36	15 1/2	3	26 1/2	21 1/2	
6-S-3	880	6-C-3	1410	66	6	26 1/2	41 1/2	37	46	36	15 1/2	3	26 1/2	21 1/2	
7-S-3	1040	7-C-3	1665	67	7	29 1/2	44 1/2	37	46	36	15 1/2	3	26 1/2	21 1/2	
8-S-3	1200	8-C-3	1920	67	7	33	47 1/2	37	46	36	15 1/2	3	26 1/2	21 1/2	
9-S-4	1500	9-C-4	2400	66 1/2	8	40 1/2	54 1/2	37	47 1/2	37	15 1/2	4	26 1/2	21 1/2	
11-S-4	1880	11-C-4	3010	67	8	47 1/2	63 1/2	37 1/4	47 1/2	37	15 1/2	4	26 1/2	21 1/2	
13-S-4	2260	13-C-4	3620	67	8	54 1/2	70 1/2	37 1/4	47 1/2	37	15 1/2	4	26 1/2	21 1/2	
15-S-4	2640	15-C-4	4220	67 1/2	9	61 1/2	77 1/2	37 1/4	47 1/2	37	15 1/2	4	26 1/2	21 1/2	
17-S-4	3020	17-C-4	4830	67 1/2	9	69 1/2	86 1/2	37 1/4	47 1/2	37	15 1/2	4	26 1/2	21 1/2	
19-S-4	3400	19-C-4	5440	67 1/2	9	76 1/2	93 1/2	37 1/4	47 1/2	37	15 1/2	4	26 1/2	21 1/2	
21-S-4	3780	21-C-4	6050	67 1/2	9	83 1/2	100 1/2	37 1/4	47 1/2	37	15 1/2	4	26 1/2	21 1/2	
23-S-4	4160	23-C-4	6660	68	10	90 1/2	107 1/2	37 1/4	47 1/2	37	15 1/2	4	26 1/2	21 1/2	
25-S-4	4540	25-C-4	7260	68	10	98 1/2	115 1/2	37 1/4	47 1/2	37	15 1/2	4	26 1/2	21 1/2	
27-S-4	4920	27-C-4	7870	68 1/2	11	105 1/2	122 1/2	37 1/4	47 1/2	37	15 1/2	4	26 1/2	21 1/2	
29-S-4	5300	29-C-4	8480	68 1/2	11	112 1/2	129 1/2	37 1/4	47 1/2	37	15 1/2	4	26 1/2	21 1/2	
31-S-4	5680	31-C-4	9090	68 1/2	11	119 1/2	136 1/2	37 1/4	47 1/2	37	15 1/2	4	26 1/2	21 1/2	
33-S-4	6060	33-C-4	9700	68 1/2	11	127 1/2	144 1/2	37 1/4	47 1/2	37	15 1/2	4	26 1/2	21 1/2	
35-S-4	6440	35-C-4	10300	68 1/2	11	134 1/2	151 1/2	37 1/4	47 1/2	37	15 1/2	4	26 1/2	21 1/2	
37-S-4	6820	37-C-4	10910	69	12	141 1/2	158 1/2	37 1/4	47 1/2	37	15 1/2	4	26 1/2	21 1/2	
39-S-4	7200	39-C-4	11520	69	12	148 1/2	165 1/2	37 1/4	47 1/2	37	15 1/2	4	26 1/2	21 1/2	
41-S-4	7580	41-C-4	12130	69	12	156 1/2	173 1/2	37 1/4	47 1/2	37	15 1/2	4	26 1/2	21 1/2	

Capacities of Bryant Hot Water Storage Systems

Boiler H. P.	Available B.t.u.	Boiler No.	Capacity, in gallons per hour raised		
			60°	100°	140°
1.3	45,000	3-A-2	94	54	39
1.8	60,500	4-A-2	126	72	52
2.2	75,500	5-A-2	157	90	65
2.7	90,500	3-A-3	185	110	80
3.6	120,500	4-A-3	240	145	105
4.5	151,000	5-A-3	300	180	130
5.4	181,000	6-A-3	360	215	155
6.3	211,000	7-A-3	420	250	180
7.2	241,500	8-A-3	480	290	205
9	305,000	9-A-4	610	370	260
11	372,000	11-A-4	735	450	320
13	439,000	13-A-4	860	530	380
15	506,000	15-A-4	1020	610	435
17	573,000	17-A-4	1150	690	485
19	640,000	19-A-4	1280	770	550
21	707,000	21-A-4	1410	850	605
23	774,000	23-A-4	1540	930	660
25	840,000	25-A-4	1680	1010	720
27	908,000	27-A-4	1820	1090	775
29	975,000	29-A-4	1940	1170	835
31	1,041,000	31-A-4	2080	1250	890
33	1,109,000	33-A-4	2220	1330	950
35	1,176,000	35-A-4	2350	1410	1005
37	1,242,000	37-A-4	2480	1490	1060
39	1,310,000	39-A-4	2620	1570	1120
41	1,377,000	41-A-4	2750	1650	1180

