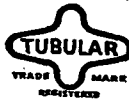


The Bryant Heater & Mfg. Company

Manufacturers of Bryant Tubular Gas Boilers,
Bryant Warm Air Furnaces, Bryant Automatic
Hot Water Storage Heaters

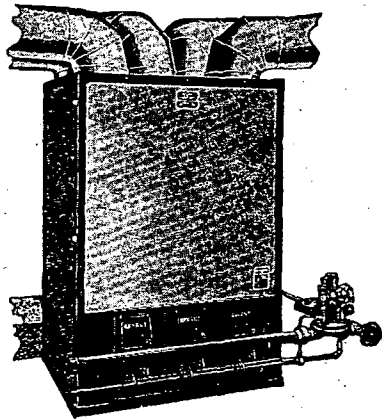
17850 St. Clair Avenue, Cleveland, Ohio

Branches in All Principal Cities



BRYANT WARM AIR FURNACES

(See Bryant Tubular Gas Boilers and Automatic Hot Water Storage Systems)



Construction—The Bryant Gas-Fired Warm Air Furnaces are available in six different sizes, ranging in capacity from 70,000 B.t.u. to 246,400 available B.t.u. per hour. Each burner is enclosed in a "waved" designed cast-iron section, providing a long, durable passageway for the products of combustion to the flue. The embodiment of fins on the outer surface of all sections adds greatly to their heat-absorbing quality. The burners are correctly designed with raised and drilled ports. The exclusive Bryant Nonoy's feature is incorporated in these burners to insure quietness of operation. The warm air outlet and the cold air inlet are of sufficient area to produce mild and healthful register temperatures. The metal jacketed cover is finished with a handsome and enduring baked crystalline enamel.

Operation—The automatic operation of a Bryant Gas-Fired Furnace is assured by the use of the Bryant gas-actuated system of control. The main supply of gas to the burners is controlled by a Room Temperature Thermostat. High operating efficiency is obtained even under partial loads as each section has an individual burner.

Installation—We recommend that installations be made as put forth in Section VI of the Code of Minimum Requirements for the Heating and Ventilation of Buildings.

Combustion—Complete combustion of the gas is obtained with the Venturi type Nonoy's burner. This high efficiency is assured because the burner adjustment will remain the same with the constant gas pressure provided by the Bryant Gas Pressure Regulator.

Controls—The simple and durable Bryant gas-actuated controls utilize the unflinching force of gravity and the laws of the expansion of metal in their operation. Thermostatic pilots are standard equipment. A gas-actuated limit control, which provides a positive and complete shut-off of the gas when high bonnet temperatures are reached, is available on any size Bryant furnace. The furnaces may be had either with or without automatic humidification.

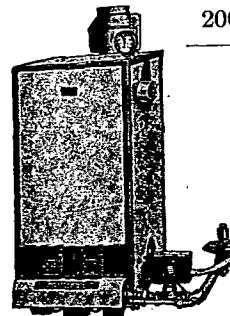
Temperature Regulation—The Bryant Solenoid Valve is provided for use with a Room Temperature Thermostat, thus eliminating the necessity of an electric motor to operate the main gas control valve. Steady, even temperatures are maintained in the room by having fully 15,000 B.t.u. per 35,000 B.t.u. rating, stored in the furnace and available to induce gravity flow of air in the system after the gas is turned off. Under normal operation this sensible heat will keep the air circulating through the system and thus prevent the stratification of the air in the room during the period the furnace is turned off.

Air Circulation—The Bryant Warm Air Furnace is designed to operate with a gravity or forced air system. If the forced air system is used, it is preferable to have the installation of the ducting and the type of fan such that the system will deliver heat in spite of an electrical outage. In this way the owner is not entirely dependent upon the successful operation of the fan motor for the comfort and convenience of gas heating.

L. J. Mueller Furnace Co.

ESTABLISHED 1857

200 Reed Street, Milwaukee, Wis.



Gas-Era Boiler

Gas-Era Gas-Fired Boilers

Adaptable for steam or hot water heating. Completely automatic operation. Cast iron construction for durability, with asbestos-lined metallic jacket. Vertical burner adjustment permits use with any manufactured or natural gas. Have steady water line and will not prime. Interior surfaces may be thoroughly cleaned without disturbing jacket. Multiple unit construction permits increase in size when desired. Boiler is highly efficient, securing maximum heat utilization with minimum gas consumption.

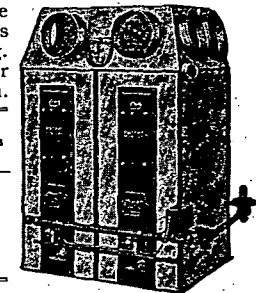
HOT WATER		STEAM		Floor Space Inches	Vents		Gas Valve Size, Inches	
Boiler No.	A.G.A. Rating	Boiler No.	A.G.A. Rating		Number	Diameter Inches	Manufactured Gas	Natural Gas
13-W	670	13-S	420	31 1/4 x 46 1/2	1	4	1 1/4	1 1/4
25-W	1,340	25-S	840	39 x 47 1/8	1	7	1 1/2	1 1/2
37-W	2,010	37-S	1,260	46 3/4 x 51 1/8	1	9	1 1/2	1 1/2
49-W	2,680	49-S	1,680	54 1/2 x 53 1/8	1	10	1 1/2	1 1/2
511-W	3,350	511-S	2,100	62 1/4 x 54 1/4	1	11	1 1/2	1 1/2
613-W	4,020	613-S	2,520	70 x 51 1/8	2	9	2	1 1/2
715-W	4,690	715-S	2,940	79 1/4 x 53 1/8	2	10	2	2
817-W	5,360	817-S	3,360	87 1/2 x 53 1/8	2	10	2	2
919-W	6,030	919-S	3,780	95 1/4 x 54 1/4	2	11	2	2
1021-W	6,700	1021-S	4,200	103 x 54 1/4	2	11	2	2
1123-W	7,370	1123-S	4,620	110 3/4 x 56 1/8	2	12	2 1/2	2 1/2
1225-W	8,040	1225-S	5,040	120 1/2 x 53 1/8	3	10	2 1/2	2 1/2
1327-W	8,710	1327-S	5,460	128 1/4 x 54 1/4	3	11	2 1/2	2 1/2
1429-W	9,380	1429-S	5,880	136 x 54 1/4	3	11	2 1/2	2 1/2
1531-W	10,050	1531-S	6,300	143 3/4 x 54 1/4	3	11	2 1/2	2 1/2
1634-W	10,720	1634-S	6,720	87 1/2 x 107 1/4	2	14	2 1/2	2 1/2
1838-W	12,050	1838-S	7,560	95 1/4 x 109 1/2	2	16	3	2 1/2
2042-W	13,400	2042-S	8,400	103 x 109 1/2	2	16	3	2 1/2
2246-W	14,740	2246-S	9,240	110 3/4 x 112 1/4	2	17	3	2 1/2
2450-W	16,080	2450-S	10,080	120 1/2 x 107 1/4	3	14	3 1/2	3
2654-W	17,420	2654-S	10,920	128 1/4 x 109 1/2	3	16	3 1/2	3
2858-W	18,760	2858-S	11,760	136 x 109 1/2	3	16	3 1/2	3
3062-W	20,100	3062-S	12,600	143 3/4 x 109 1/2	3	16	3 1/2	3

Gas-Era Gas-Fired Warm Air Furnace

Cast iron construction, with lacquered casing in attractive color. Completely automatic, tamper-proof operation. Burns any gas, natural or manufactured. Accessible for cleaning. Ample free area. Automatic moisture supply. Adaptable for forced air heating on large jobs. Multiple unit construction.

Furnace No.	A.G.A. Input Rating B.t.u. per Hour	Total Load B.t.u. per Hour	Capacity Warm Air Pipes Sq. In.
1 (10)*	65,000	47,500	430
2 (20)	130,000	95,000	860
3 (30)	195,000	142,500	1290
4 (40)	260,000	190,000	1720
5 (50)	325,000	237,500	2150
6 (60)	390,000	285,000	2580

*Same furnace, less electrical equipment and automatic humidifier.
Data on larger units on application.



Gas-Era Furnace

Gas-Era Furnaces and Boilers tested and approved for all sizes by American Gas Association