

Bell and Gossett Company

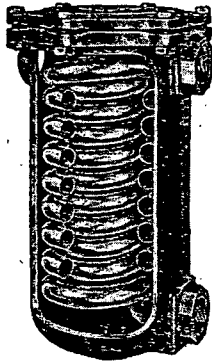
3000 Wallace Street

Chicago, Ill.

HOT WATER SYSTEMS AND SPECIALTIES

B & G INDIRECT WATER HEATERS FOR STEAM AND VAPOR SYSTEMS

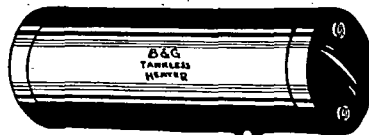
Ratings below are based on 100 degree rise in three hours with boiler water temperature of 180 degrees or more



Description	No.	Capacity Gallons	Max. Length Inches	Max. Width Inches	Shell Openings Inches	Coil Openings Inches	Shipping Weight Pounds
SINGLE COIL For residences of all sizes. Duplex apartments and small buildings.	30	30	11 1/4	5 1/2	1	3/4	12
	40	40	12 1/4	5 1/2	1	3/4	13
	52	52	14 1/4	7 1/4	1	3/4	15
	66	66	15 1/4	7 1/4	1 1/2	1	29
	82	82	18 1/4	7 1/4	1 1/2	1	39
	100	100	20 1/4	7 1/4	1 1/2	1	40
DOUBLE COIL For larger apartments, garages, medium sized factories and office buildings.	120	120	22 1/4	7 1/4	1 1/2	1	42
	144	144	25 1/4	7 1/4	1 1/2	1	46
	160	160	12	11 1/2	2	1 1/2	53
	192	192	14 1/4	11 1/2	2	1 1/2	59
TRIPLE COIL For heavier requirements.	300	300	19 1/4	11 1/2	2	1 1/2	78
	400	400	23 1/4	11 1/2	2	1 1/2	86
	600	600	21 1/4	15 1/4	3	2 1/2	230
DOUBLE TRIPLE COILS	800	800	25 1/4	15 1/4	3	2 1/2	250
	1000	1000	29 1/4	15 1/4	3	2 1/2	290
	1200	1200	23 1/4	29	4	3 1/2	568
DOUBLE TRIPLE COILS	1600	1600	27 1/4	29	4	3 1/2	642
	2000	2000	30 1/4	29	4	3 1/2	716

B & G TANKLESS HEATER

This B & G Tankless Type Heater has been designed to fulfill a need for a heater of unusual capacity that could be installed in boiler rooms lacking space for storage tanks.



For all Steam, Vapor and Hot Water Heating Boilers

Size No.	Heating Surface in Square Feet	Capacities in Gallons in 1 Hour Heated from 50 F to 130 F		
		Boiler Water at 212 F	Boiler Water at 200 F	Boiler Water at 180 F
12	12	207	168	100
20	20	345	288	168
30	30	516	430	250

B & G THERMOCHEK

Controls automatically the temperature of hot water storage tanks heated by indirect heaters. A simple, completely automatic device that eliminates lime and sediment formation in the heater coils. Sizes 1 1/2 in. and 2 in.

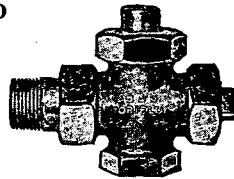
**B & G MONOFLO FITTING**

This fitting is used on mechanically - circulated one-pipe hot water systems. When installed in the main at each radiator connection, it assures a balanced system with short circuits eliminated and all radiators receiving their full quota of hot water.

No.	Size, Inches
1 1/4	1 1/4
1 1/2	1 1/2
2	2

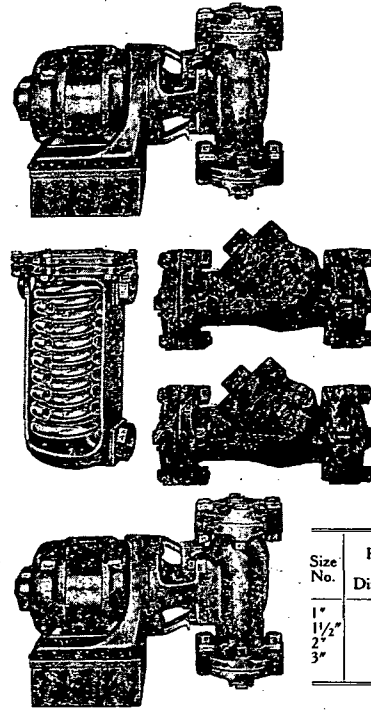
B & G ORIFLO FITTING

The Oriflo fitting is for use on hot water radiators. New or old gravity or forced circulation jobs can use this device for accurately regulating the temperature drop through the radiators, thereby balancing the heating system quickly with minimum expense and without shutting down the heating plant.

**B & G TRIPLE DUTY SYSTEMS FOR HOT WATER SYSTEMS**

Size No.	Recommended Tank Sizes	Capacities Gals. per Hour	*Capacities Sq. Ft. E.D.R.	Shipping Weight Pounds
15	30 gals.	30	1,500	152
16	45 gals.	35	1,500	153
17	66 gals.	40	1,500	155
18	88 gals.	50	1,500	159
19	30 gals.	30	3,000	158
20	42-66 gals.	40	3,000	161
21	66-88 gals.	50	3,000	165
22	66-120 gals.	70	3,000	183
23	120-180 gals.	100	3,000	198
24	180-300 gals.	140	3,000	213
25	300 to 400 gals.	200	6,000	445
26	400 to 500 gals.	266	6,000	465
27	500 to 600 gals.	333	6,000	505

*Capacities in square foot of direct radiation are based on 200 Btu radiator emission with a 20° F. drop.

**B & G BOOSTER**

Size No.	Face to Face Dimensions	Flange Size	Motor 110 Volt 60 Cycle	Normal Delivery Gallons per Minute	Shipping Weight
1"	7 1/4"	1 1/2" Screwed	1/8 hp.	15 at 2 ft. head	70 lbs.
1 1/2"	8 1/2"	1 1/2" Flanged	1/8 hp.	30 at 2 ft. head	80 lbs.
2"	8 1/2"	2" Flanged	1/6 hp.	60 at 4 1/2 ft. head	83 lbs.
3"	12"	3" Flanged	1/3 hp.	100 at 5 1/2 ft. head	135 lbs.

B & G MOTORIZED VALVES

These valves are guaranteed to stop the flow of water in the heating mains of hot water systems. They are used for zone control and in year around, indirectly heated domestic hot water systems. Operation is by a 60 cycle, A.C. 25-volt induction type motor.

Series No.	Description	Shipping Weight Pounds
1 1/4	Single 1 1/4 in. Main	19
1 1/2	Single 1 1/2 in. Main	20
2	Single 2 in. Main	23
2 1/2	Single 2 1/2 in. Main	35
3	Single 3 in. Main	40
4	Single 4 in. Main	78
5	Single 5 in. Main	140
6	Single 6 in. Main	190

D & T SELF-FILLING, AIR-CUSHIONED TANK EQUIPMENT

Self-Filling Air-Cushioned Tank Equipment consists of a D & T Air Tank and a D & T No. 500 "All In One Unit" which is a combination relief and pressure reducing valve, performing the double duty of relieving excess pressure and keeping the system filled with water.

System No.	Capacity Sq Ft Radiation	System No.	Capacity Sq Ft Radiation
518	Up to 500 ft	540	1600 to 2000 ft
524	500 to 800 ft	560	2000 to 3000 ft
530	800 to 1200 ft	580	3000 to 4000 ft
535	1200 to 1600 ft	600	4000 to 5000 ft

D & T SIMPLEX TANK-IN-BASEMENT SYSTEM

This system consists of an air-tight Compression Tank, Relief Valve (illustrated), Thermometer, Gage and Vacuum Breaking Valve. Made in 14 different sizes with capacities up to 5000 sq ft of radiation.

