

GRINNELL ADJUSTABLE PIPE HANGERS AND SUPPORTS

One of the chief advantages of Grinnell Adjustable Hangers is that they permit adjustment of pipe lines after installation, thus obviating the necessity of turnbuckles or the removal of hangers. Their time and trouble-saving qualities during installation are equally exceptional. Below are shown a few Grinnell Hangers and Supports of particular interest to heating engineers. Send for Hanger Catalogue showing complete line.

Adjustable Swivel Rings (Patented)

Fig. No. 101
Solid Ring

These Malleable Iron Adjustable Swivel Rings can be used with Coach Screw Rod or Machine Threaded Rod in connection with practically any type of Ceiling Flange, Expansion Case, Insert, etc.

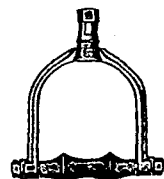
Adjustment of at least 1 1/2 in. is secured by turning Swivel Shank. Swivel Shank automatically locks, preventing loosening due to vibration in the pipe line.

The Split Ring permits adjustment either before or after Ring is closed. A wedge type pin is loosely but inseparably cast into the hinged section for fastening this section after pipe is in place.

Fig. No. 104
Split Ring

Adjustable Swivel Pipe Rolls (Patented)

An adjustable type of pipe roll using a single hanger rod. Swivel Shank allows vertical adjustment and automatically locks, preventing loosening from vibration.

Fig. No. 174
Swivel Pipe Roll

Universal Concrete Inserts (Patented)

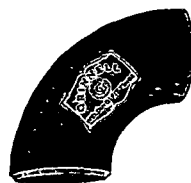
Made of malleable iron, in one body size, to take a special removable nut, tapped for 3/8 in., 1/2 in., 5/8 in. or 3/4 in. rod as required. Nuts automatically lock by means of serrated teeth on both insert and nuts.

Fig. No. 280
Universal Insert

GRINNELL WELDING FITTINGS

Grinnell Welding Fittings are made from Seamless Steel Pipe and possess the same physical characteristics as standard, extra strong and o.d. steel pipe or seamless steel pipe of comparable size. They can be used under the same conditions, pressures and temperatures as the pipe itself.

Welding faces for all plain circumferential Butt Welds are scarfed or beveled to the regulation 45 deg. angle with 1/8 in. square end on inside of fitting. Angles of bevel other than 45 deg. can be furnished on special orders.



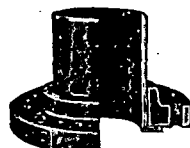
90° Elbow, Long Turn



Welding Outlet



Welding Tee



Lap Flanged Welding Neck



Threaded Outlet

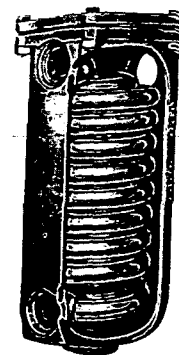
Bell & Gossett Company

3000 Wallace Street

Steam and Vapor

Chicago, Ill.

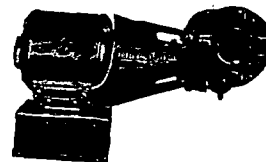
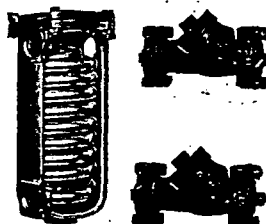
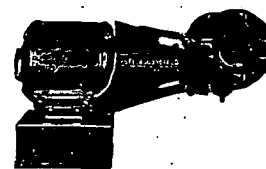
B & G Indirect Water Heaters for Steam and Vapor Systems



Description	No.	Capacity Gallons	Max. Length Inches	Max. Width Inches	Shell Openings Inches	Coil Openings Inches	Shipping Weights Pounds
SINGLE COIL For residences of all sizes. Duplex apartments and small buildings.	30	30	11 3/4	5 1/2	1	3/4	12
	40	40	12 3/4	5 3/4	1	3/4	13
	52	52	14 3/4	7 1/8	1 1/2	3/4	15
	66	66	15 1/2	7 1/8	1 1/2	3/4	29
	82	82	18 3/4	7 1/8	1 1/2	3/4	39
	100	100	20 3/4	7 1/8	1 1/2	3/4	40
DOUBLE COIL For larger apartments, garages, medium sized factories and office buildings.	120	120	22 3/4	7 1/8	1 1/2	3/4	42
	144	144	25 3/4	7 1/8	1 1/2	3/4	46
	160	160	12	11 1/2	2	1 1/2	53
	192	192	14 3/4	11 1/2	2	1 1/2	59
TRIPLE COIL For heavier requirements.	300	300	19 3/4	11 1/2	2	1 1/2	78
	400	400	23 3/4	11 1/2	2	1 1/2	86
	600	600	21 3/4	15 3/4	3	2 1/2	230
	800	800	25 3/4	15 3/4	3	2 1/2	250
DOUBLE TRIPLE COILS	1000	1000	29 3/4	15 3/4	3	2 1/2	290
	1200	1200	23 3/4	29	4	3 1/2	568
	1600	1600	27 1/2	29	4	3 1/2	642
	2000	2000	30 3/4	29	4	3 1/2	716

Above ratings based on 100 degree rise in three hours with boiler water temperature of 180 degrees or more

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
3/4"	7"	3/4" Flanged	1/20 hp.	8 at 2 ft. head	40 lbs.
1"	7 1/4"	1" Flanged	1/8 hp.	15 at 2 ft. head	70 lbs.
1 1/4"	8 1/4"	1 1/4" Flanged	1/8 hp.	30 at 2 ft. head	80 lbs.
2"	8 1/2"	2" Flanged	1/8 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 THERMO-CHECK

Controls automatically the temperature of hot water storage tanks heated by indirect heaters. A simple device that requires no attention and also eliminates lime and sediment formation in the heater coils. Sizes 1 1/2 in. and 2 in.