GRINNELL COMPANY INC.

Heating, Industrial and Power Plant Piping, Fittings, Hangers, Valves, Pipe Bending, Welding, Piping Supplies, Etc.

Executive Offices: **Providence 1, R. I.**

Offices, Plants and Branches

Albany 7, N. Y.
Atlanta 2, Ga., (Plant and Foundry)
Baltimore 2, Md.
Boston 9, Mass.
Buffalo 6, N. Y.
Charlotte 1, N. C. (Branch)
Chicago 9, Ill. (Branch)
Cincinnati 2, Ohio
Cleveland 14, Ohio (Branch)
Columbia, Penna. (Plant)
Columbus 15, Ohio
Cranston 7, R. I. (Plant and Foundry)
Dallas 1, Texas (Branch)
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Kansas City 16, Mo. (Branch)
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Milwaukee 3, Wis. (Branch)
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New Orleans 13, La.
New York 17, N. Y.
Philadelphia 34, Penna. (Branch)
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Providence 1, R. I. (Plant and Foundry)
Richmond 19, Va.
Rochester 4, N. Y.
St. Louis 10, Mo. (Branch)
St. Paul 2, Minn. (Branch)
Warren, Ohio (Plant and Foundry)

GRINNELL COMPANY OF THE PACIFIC

Fresno 1, Cal.
Long Beach 10, Cal.
San Francisco 7, Cal. (Branch)
Los Angeles 13, Cal. (Branch)
Seattle 1, Wash. (Branch)
Spokane 15, Wash. (Branch)
Oakland 7, Cal. (Branch)
Sacramento 14, Cal. (Branch)

GRINNELL COMPANY OF CANADA, LTD.

Montreal, Que. (Branch)
Vancouver, B. C. (Branch)
Winnipeg, Man.
Toronto, Ont. (Plant and Foundry)
Oshawa, Ont. (Foundry)

PRODUCTS AND SERVICES—

Complete Service on materials to Specification on Power Plant Piping, Industrial Piping, and Industrial Heating Systems; Prefabricated Piping including Pipe Cutting and Threading, Pipe Bends, Welded Headers, Welded and Welding Fittings, Lap Joints and the Grinnell line of products for Super Power.

Grinnell Equiflo Valves for forced hot water heating systems; Grinnell Adjustable Pipe Hangers and Supports; Grinnell Cast Iron and Malleable Iron Pipe Fittings; Grinnell Flared Tube Fittings; Grinnell Malleable Iron Unions; Grinnell Welding Fittings; Grinnell Thermoliers (Unit Heaters); Thermoflex Traps and Heating Specialties.

Also Humidifying Systems; Piping for acids and other special materials.

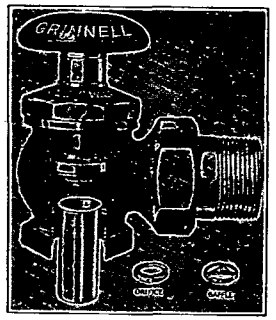
Malleable Iron, Brass, Bronze and other Castings; Brass, Cast Iron, Wrought Iron and Steel Pipe; Seamless Steel Tubing in Iron Pipe Sizes.

Valves: Check, Diaphragm, Globe, Pressure Reducing and Regulating, Quick Opening, Safety and Y.

Automatic Sprinkler Systems; Stand Pipes; Underground Supply Mains: Hydrants; Fire Pumps; Pressure and Gravity Tanks.

Grinnell Equiflo Valves

For Forced Hot Water Heating



Equiflo Valve

The designing of forced circulation hot water heating systems is so simplified by the Grinnell Equiflo Valve that they can be laid out and installed as easily as vapor or steam systems. This valve consists of a regular type packless radiator valve with a cartridge or tube made up of a series of orifices and baffles capable of setting up any required frictional resistance. This method of establishing any desired resistance does away with elaborate calculation of pipe sizes. Grinnell guarantees perfectly balanced circulation to each and every radiator where these valves are installed throughout the system.

Equiflo Data Book sent to interested parties.

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 1½ 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)

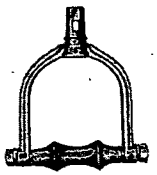


Fig. No. 174 Swivel Pipe Roll

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

CB-Universal Concrete Inserts (Patented)

Made of malleable iron, in one body size, to take a special removable nut, tapped for ⅜ in., ½ in., ⅝ in., ¾ in. or ⅞ in. rod as required. Nuts automatically lock by means of V-type teeth on both insert and nuts.

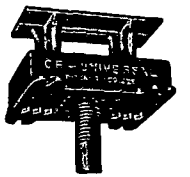
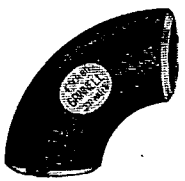


Fig. No. 282 CB-Universal Insert

GRINNELL WELDING FITTINGS



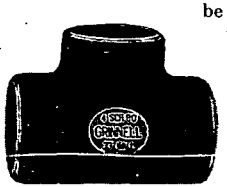
90° Elbow, Long Radius

Grinnell Welding Fittings are made from Seamless Steel Pipe or tubing 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.

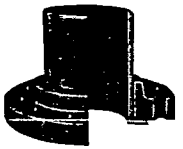
All Grinnell Welding Fittings have welding faces for all plain circumferential butt welds scarfed or beveled as follows: For wall thicknesses 3/16 to ¾ inch inclusive, 37½ deg. ± 2½ deg., straight bevel. Angles of bevel other than 37½ deg. can be furnished on special order.



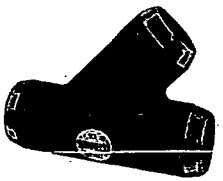
45° Elbow, Long Radius



Welding Tee



Lap-Joint Stub End with Lap Flange attached



Welding Lateral