

GRINNELL COMPANY INC.

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

Executive Offices: Providence, R. I.

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GRINNELL COMPANY OF THE PACIFIC

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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 Malleable Iron Unions; Grinnell Welding Fittings; Grinnell Thermoliers (Unit Heaters); Grinnell Thermofin (Convectors); Thermoflex Traps and Heating Specialties.

Also Humidifying Systems; Constant Level Size Circulating 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, Globe, Pressure Reducing and Regulating, Quick Opening, Safety and Y.

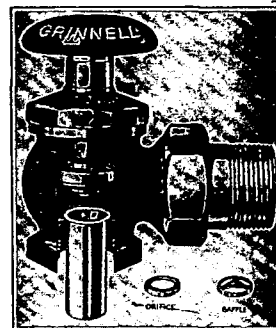
Automatic Sprinkler Systems; Stand Pipes; Underground Supply Mains; Hydrants; Fire Pumps; Pressure and Gravity Tanks.

Grinnell "Junior" Automatic Sprinkler Systems for Basements and other hazardous areas of Dwellings, Small Apartment Buildings, Schools, Churches, Stores, etc.

For Data On Thermoflex Traps and Heating Specialties, see page 1079

Grinnell Equiflo Valves

For Forced Hot Water Heating



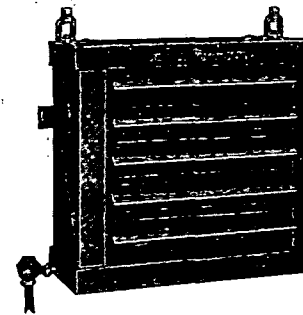
Equiflo Valve

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.

THERMOLIER

Patented
THE GRINNELL UNIT HEATER



Industrial Type

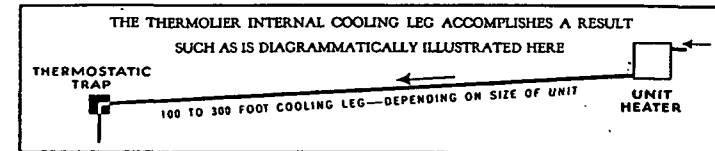
De Luxe, Industrial and Factory Types—125 Lb W.S.P.

Thermolier is a ruggedly built unit heater whose efficiency and dependability have been proved by actual performance in field service. Thousands of them are installed in industrial buildings and commercial structures of all types of occupancy.

Thermolier has 14 points of superiority, the most outstanding of which is the internal cooling leg built right into the unit, an exclusive Thermolier feature. See drawing below.

Radiation is from brass-finned seamless copper U-tubes rolled into a cast-iron tube sheet. No solder is used for strengthening joints and there are no flat horizontal surfaces to catch dirt.

Units may be controlled manually or automatically, singly or in groups. Installation and piping are extremely simple and inexpensive, hence the unit may be moved from one



location to another at small cost if found desirable on account of changes in building or occupancy. The complete line includes 27 Models in DeLux Type, and 35 Models each in Industrial and Factory Types.

Thermoliers provide maximum distribution of heat without objectionable drafts.

Specifications

Fan—Grinnell special of rugged construction. Motor—heavy duty, oversize, enclosed, moisture-proof. Housing—Art Metal Slate gray finish with chromium trim on DeLux Types. Copper on Industrial Type with rubbed lacquer finish; steel on Factory Type finished in gray lacquer. Frame—Heavy pressed steel, providing rugged support for motor and fan. Special Features—Adjustable swivel hanger rod couplings; louvers rigid, but easily adjustable; integral cooling leg insuring perfect drainage through one thermostatic trap for pressures up to 25 lb.

For pressures not exceeding 125 lb, a thermostatic trap of proper construction can be used and should be attached directly to the unit.

CAPACITIES

60 F Entering Air Temperature—2 lbs Steam Pressure

Model Nos.	Btu per Hour	Model Nos.	Btu per Hour	Model Nos.	Btu per Hour
21	35,600	46L	63,500	81L	143,600
21L	38,350	51	98,600	91	196,000
22	37,100	51L	73,700	91L	160,600
26	38,650	57	101,300	101	237,800
26L	31,750	57L	83,000	101L	205,400
31	48,700	61	102,100	111	275,300
31L	36,200	61L	77,500	111L	229,700
37	62,200	66	128,700	141	325,300
41	70,900	66L	110,500	141L	269,700
41L	56,600	71	151,700	181	373,300
44	84,800	71L	126,800	181L	303,200
46	86,400	81	174,900		

Data Book covering other pressures and temperatures, dimensions and complete installation information on application. Address GRINNELL COMPANY, INC., 277 West Exchange Street, Providence, R. I.