Grinnell Company, Inc.

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

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

Exclusive Distributors of ThermOflex Traps and Other Heating Specialties

For complete data on other Grinnell Products, see pages 693-699

The heart of all ThermOflex Traps is the Hydron Bellows.

The Hydron bellows is formed under hydraulic pressure. This powerful internal pressure locates any weakness of any nature in the tubing. Such hydraulic pressure is many times more severe than any pressure the Trap will ever be called upon to control. Every ThermOflex Trap, therefore, *is practically indestructible.*

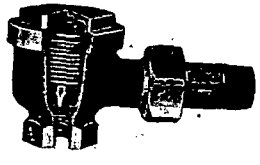
ThermOflex Traps have an exceptionally large orifice. This large orifice combined with high lift, insures fast action and freedom from clogging.

We supply ThermOflex Traps guaranteed for steam pressure up to 125 lb. Complete information and details of typical installations will be gladly sent on your request.

Valves, Traps, Gauges, Etc.

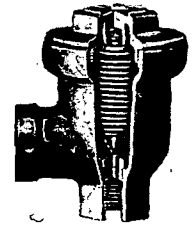
The ThermOflex line includes, Radiator Traps, Offset Traps, Blast Traps, Drip Traps, High Pressure Traps, Vent Traps, High grade Packless Inlet Valves, Automatic Boiler Feeders, and the ThermOflex Alternator, ThermOflex Compound Gauge, ThermOflex Damper Regulator.

No. 12 ThermOflex Radiator Trap



The full eight-fold ThermOflex-Hydron Bellows is the best bellows ever made. Because of the Hydron-forming process every bellows is absolutely perfect. Body is extra heavy throughout, using a brass forging for the cap and spudnut, highest-grade cast brass for the body and spud. The No. 12 is made in angle pattern only, with ½ in. inlet and ½ in. outlet tappings. The inlet neck is double thick to allow for expansion strains.

ThermOflex High Pressure Traps



The No. 100 ThermOflex Hydron Trap is guaranteed for steam pressures from 0-125 lb. Must not be used where the steam temperature exceeds 400 deg. fahr.

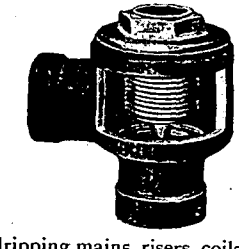
For use in all types of process work, Laundry Machinery, Kitchen Equipment, Hospital Sterilizers, Vulcanizers, Dry Kilns, Unit Heaters, Street Steam Service, etc., in fact any place that a trap is desired for service at the above pressures.

Small, compact and inexpensive in comparison to the usual float or bucket trap.

Extra heavy cast brass body without unions with renewable monel metal seat in body. Valve on bellows is of nitrided steel which cannot rust and will not score or wire draw.

Regularly furnished without unions plain brass finish. Can be furnished nickel or chromium plated at extra cost.

No. 4 ThermOflex Drip Traps



For dripping mains, risers, coils and unit heaters, we offer this type of trap. Cast-iron body, brass cap and inserted brass seat, angle pattern only, without unions. Can be used for any general purpose where a finished, nickel-plated trap is not necessary, and at a lower cost.

The Fairbanks Company

NEW YORK, N. Y. PITTSBURGH, PA. BOSTON, MASS. LONDON, ENGLAND

Factory: **Binghamton, N. Y.**

Fairbanks Bronze Globe Valves

Simple in construction; parts quickly and easily renewed; stuffing box packed with specially moulded vulcabeston ring which is durable and cannot be blown or washed out; valves can be packed under pressure when wide open. Made in sizes ⅛ to 3 in.

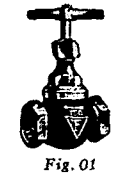


Fig. 01

Fairbanks Bronze Radiator Valves

Globe and Angle Types

Embody all good points of the Fairbanks Fig. 01 Valve. Furnished with Wood Wheels or lock shield and T handles. Made in sizes ½ to 2 in.



Fig. 012

Fairbanks Standard Bronze Gate Valves

For general service. Stuffing boxes can be repacked under pressure when wide open. Guides in wedge and ribs in body so fitted as to insure true and easy movement; prevent wedge from touching seats except at point of closing. Made in sizes from ¼ to 3 in.



Fig. 0205

Fairbanks Bronze Swing Check Valve

As perfect a check valve as ever constructed. Has full area equal to pipe connection and straightway passage. The rotating disc works freely, never sticking on the seat. Made in sizes ¼ to 3 in.

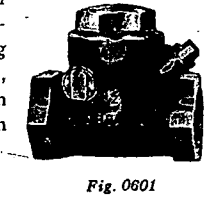


Fig. 0601

Fairbanks Iron Body Valves

Globe and Angle Types with Renewable Vulcabeston Ring Disc

Embody the most modern renewable features. Have a raised round seat upon which scale, grip or other sediment will not lodge. Disc Rings will not crack or flake; easily and quickly renewed. Valve so constructed as to eliminate all rattling or tilting when open.



Fig. 0101

Fairbanks Standard Iron Body Gate Valves

Designed for a maximum steam working pressure of 125 lb. Guides in wedge and ribs in body so finished and fitted as to insure true and easy movement; prevent wedge from touching seats in body, except at point of closing. Made in sizes from 2 to 12 in. Flanged type up to 20 in.



Fig. 0402

Fairbanks Iron Body Swing Check Valves

Designed with a 45 deg. Angle seat making it possible to use the valve in either a horizontal or a vertical position. Regularly equipped with Bronze Disc; can be furnished with Rubber Disc for water service. Made in sizes 2 to 12 in.



Fig. 0701

Fairbanks Sphero Ball Valves

An entirely different principle,—designed and built to meet the need of an easily operated, quickly repaired valve. Construction is simple and substantial. Has straight through passageway, renewable seats, interchangeable parts, and is easily opened or closed. Made in sizes from ½ to 8 in.

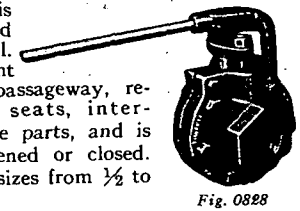


Fig. 0828