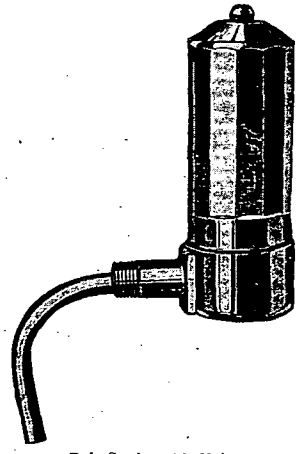
DOLE SYPHON AIR VALVES

Seating Pin—finely machined hard metal seating point, hydraulic pressed to perfect radius, preventing possibility of sticking or binding.

Float—made of light but strong annealed brass, rising when water enters the valve and positively prevents leakage.



Dole Syphon Air Valve

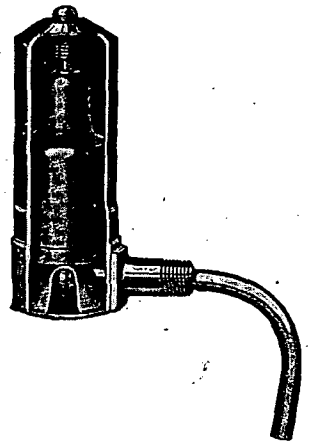
Inner Chamber of Float—contains exactly proper amount of thermostatic liquid, which forms a powerful gas the instant steam comes in contact, expanding diaphragm and closing valve against escape of steam or water.

Diaphragm—made of special spring bronze, convex shape, corrugated. Expands with heat, contracts back when cold, thus opening and closing valve automatically.

Float Rest—one-piece, finely drawn brass, open on four sides to permit water to drain through syphon. Firmly braced into base, forming strong, substantial rest for float.

Venting Seat—heavy construction, threaded and brazed into valve casing, thus preventing possible injury to venting seat after valve is installed.

NOTE—Venting seat projects into interior of valve 3/8-inch. Water striking against this projection sprays down, preventing any possible spitting of water. Also forms obstruction, keeping dirt or flake from working into seat or valve.



Sectional View of Syphon Air Valve

Syphon Lock Collar—made of extra heavy brass, firmly brazed to syphon, preventing either accidental or intentional removal of syphon from valve.

Base—heavy drawn brass, threaded on interior to meet exterior thread on casing. Firmly braced on casing to insure strength and durability.

Syphon—made of one-piece annealed brass tubing, formed to perfect shape to fit inside of radiator column. Assembled into valve free from obstruction, thus permitting air valve to be attached to radiator syphon. Always hanging in proper position inside of radiator.

The Fulton Company

Knoxville, Tennessee

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Hudson Terminal Bldg.
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CHICAGO
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Michigan Boulevard

Representatives in All Principal Centers

Patentees and manufacturers of Sylphon products. Sylphon Temperature and Pressure Regulators, Thermostats for regulating temperatures of homes by warm air furnaces, steam or hot water boilers; Temperature Regulating Radiator Covers; Automatic Air and Vent Valves; Valves and other Heating Specialties.

Advantages

Sylphon

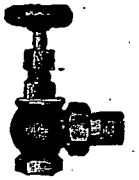
All Sylphon devices embody the seamless, one-piece bellows of drawn metal shown at right. There is not a bit of solder throughout its length—no chance for leaks or breaks. It is a feature found exclusively in Sylphon Products. Sylphon diaphragms or bellows are made in sizes ranging from 1½" to 12" O. D.



No. 465 Standard Type Radiator Valve

A standard packed type radiator valve of unusual quality. Body, tail nut and tail pipe used are of a superior quality to those generally made for standard valves. Extra strong seats, hexes, unions, and spuds.

Ask for Bulletin RPV 3

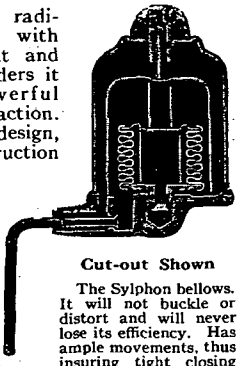


No. 536 Sylphon Air Radiator Valve

An improved radiator air valve with large thermostat and float which renders it extremely powerful and positive in action. It is pleasing in design, rigid in construction and durable.

The active principle is the Sylphon bellows which for many years has been used by this company in all of its heating boiler specialties.

Ask for Bulletin RAV 3



Cut-out Shown

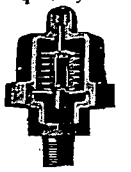
The Sylphon bellows. It will not buckle or distort and will never lose its efficiency. Has ample movements, thus insuring tight closing of the valve. It is so durable that, practically speaking, it will never wear out.

No. 527 Quick Vent Valve

For venting mains, long runs of pipe, indirect stacks, drop risers, and all low pressure steam jobs where a large amount of air must be expelled quickly.

Vents entire piping system and thereby heating radiators quicker under less pressure. No adjustment. Does not close against water. Venting port 3/32" diameter. Valve connection 3/8" pipe thread.

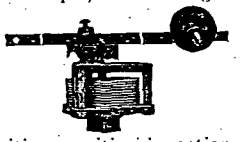
Ask for Bulletin RAV 3



No. 22 Steam Damper Regulator

Used to control the dampers on steam heating boilers. A simple, accurate regulator which will control the draft so as to maintain a constant steam pressure up to 5 lb. This regulator is sensitive, positive in action and will last a life time, due to the Sylphon one-piece, seamless, solderless, flexible metal bellows which it contains.

Ask for Bulletin RD 3



No. 45-A Water Regulator

Used to control the dampers on hot water heating boilers. Simple, accurate regulators which will control the draft so as to maintain a constant temperature of the water at any point between 120 degrees and 220 degrees Fahr. They prevent the temperature of the water from rising higher than necessary, insuring faucet water of even temperature every hour of the day. They prevent the generating of steam in the system, thus eliminating the disagreeable sputtering and blowing off when the faucet is open.

Ask for Bulletin RD 3

