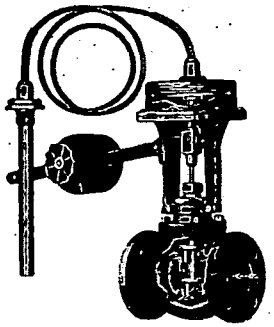
Klipfel Manufacturing Co.

2641-2659 West Harrison Street :-: Chicago, Ill.

Manufacturers of Automatic Valve Specialties

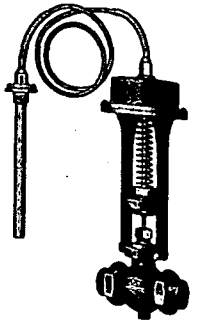


No. 48 Vapor Thermostat, Lever Type

Sizes: ½ to 8 in., inclusive. Bronze bodies in sizes 1½ in. and under, union connections only. Iron bodies in sizes 2 in. and above, flanged ends only.

No. 48 Vapor Thermostats.—Automatically maintain hot water in steam heated tanks at any desired temperature between 140° and 180°; but can be made special for other temperatures. A complete operating unit within itself—it is self-contained. No compressed air, water, electrical, or other auxiliary power required. Lever of lever type is fitted with roller bearings to insure frictionless operation.

The sensitive all-metal bellows will move the inner valve farther on a given temperature-pressure change than any competing bellows of the same diameter and length.



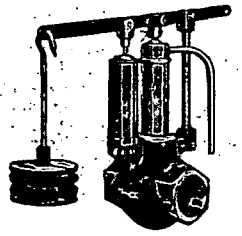
No. 49 Vapor Thermostat, Spring Type

Sizes: ½ to 2½ in., inclusive. Bronze bodies in sizes 1½ in. and under, union connections only. Iron bodies in sizes 2 in. and above, flanged ends only.

No. 49 Vapor Thermostats.—Similar to the No. 48 Vapor Thermostat, except that a spring is used instead of a lever and weight. The spring type may be used where space does not permit the use of the lever type and where extreme sensitiveness and a wide range of temperature adjustment are not required. The semi-balanced, bevel seated, bronze inner valve is normally held open by a spring. An increase of temperature of a volatile fluid hermetically sealed within the temperature sensitive bulb, which is installed in contact with the medium, causes the bellows to expand and operate the inner valve.

No. 1 Pressure Regulators.—Automatically reduce any initial steam, air or water pressure to any desired reduced pressure down to 2 lb. and maintain reduced pressure constantly regardless of fluctuations in initial pressure, or changes in the demand for steam. When specified for the control of air or water, the piston is provided with special leather cup packing.

Can be furnished with expanded outlet in sizes 1x2 to 12x24 in., inclusive.

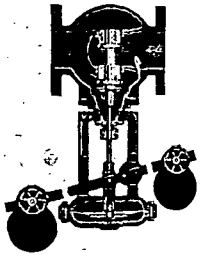


No. 1 Pressure Regulator, Piston Type

Sizes: ⅜ to 14 in., inclusive. Bronze bodies in sizes 1½ in. and under, screwed ends only. Iron bodies in sizes 2 in. and above; 2 to 6 in., inclusive, screwed or flanged ends, but screwed ends will be furnished unless otherwise specified; sizes 7 in. and above, flanged ends only

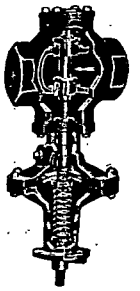
No. 38 Pressure Regulators.—Intended for use with steam, air, water or gas where accurate and dependable very low reduced pressures are required. Particularly suited for reduced pressures below atmosphere. Will constantly maintain reduced pressure regardless of initial pressure fluctuations or changes in the demand for steam. Inner valves and seats are made of bronze and are bevel seated.

Can be furnished with expanded outlet in sizes 1x2 to 12x24 in., inclusive.



No. 38 Pressure Regulator, Diaphragm Type

Sizes: ⅜ to 14 in., inclusive. Bronze bodies in sizes 1½ in. and under, screwed ends only. Iron bodies in sizes 2 in. and above; 2 to 6 in., inclusive, screwed or flanged ends, but screwed ends will be furnished unless otherwise specified; sizes 7 in. and above, flanged ends only.

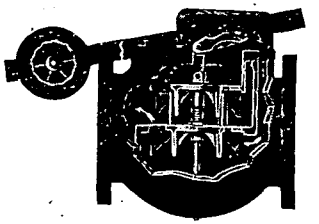


No. 33 Pressure Regulator Spring Type

Sizes: ¼ to 6 in., inclusive. Bronze bodies in sizes 1½ in. and under, screwed ends only. Iron bodies in sizes 2 in. and above; sizes 2 to 6 in., inclusive, are made with screwed or flanged ends, but screwed ends will be furnished unless otherwise specified.

No. 33 Pressure Regulators.—Similar to the No. 38 Pressure Regulator, except that a spring is used instead of a lever and weight. Being equipped with a locking device, they are particularly suited for use under conditions where the adjustment of a lever and weight type might be tampered with. Will reduce any initial steam, air or water pressure to any desired reduced pressure not exceeding 50 lb.

Cannot be used to maintain pressures below atmosphere. Expanded outlet can be furnished.

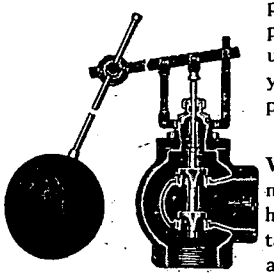


No. 28 Noiseless Back Pressure Valve

Sizes: 2 to 24 in., inclusive. All sizes made with iron bodies and with flanged ends; sizes 2 to 8 in., inclusive, also made with screwed ends. Unless otherwise specified, sizes 6 in. and under will be shipped screwed ends; sizes 8 in. and above with flanged ends.

No. 28 Noiseless Back Pressure Valves.—Automatically and noiselessly maintain any desired back pressure on exhausts of non-condensing engines. Because of the patented construction, inner valve is effectively stabilized and can not pulsate in unison with the stroke of the engine. Operated in either horizontal or vertical position. Preferable installation is in horizontal pipe line. Iron bodies, bronze inner valves and trimmings.

No. 27 Balanced Float Valves.—Automatically control the supply of cold water to open tanks, so as to maintain a practically constant water level. The inner valve consists of two perfectly balanced bronze plunger discs, and is unaffected by the water pressure. Can be furnished with bevel seated valves at an extra price. Angle and globe patterns, with seamless copper float, for working pressures up to 200 lb. Swivel guide yoke can be turned to any position.

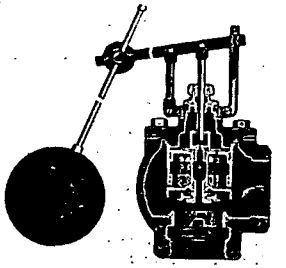


No. 27 Balanced Float Valve

Sizes: ⅜ to 20 in., inclusive. Bronze bodies in sizes 1½ in. and under, screwed ends only. Iron bodies in sizes 2 in. and above; 2 to 6 in., inclusive, screwed or flanged ends, but screwed ends will be shipped unless specified otherwise; sizes 7 in. and above, flanged ends, only. All sizes 14 in. and under made angle or globe patterns, but angle pattern will be shipped unless specified globe. Sizes 16 in. and above made globe patterns, only.

No. 7 Single Seated Float Valves.—Automatically maintain a constant level of hot or cold water in open tanks. Single seated, auxiliary operated. Seat equal to pipe size. Swivel guide yoke allows the float to be turned to any position. Includes a packing box with gland to prevent leakage past the valve stem.

Angle and globe patterns, with seamless copper float, for working pressures up to 200 lb.



No. 7 Single Seated Float Valve

Sizes: ¾ to 12 in., inclusive. Bronze bodies in sizes 1½ in. and under, screwed ends only. Iron bodies in sizes 2 in. and above; 2 to 6 in., inclusive, screwed or flanged ends, but screwed ends will be shipped unless specified otherwise; size 8 in., flanged ends only. Sizes 8 in. and under made angle or globe patterns, but angle pattern will be shipped unless specified globe. Sizes 10 and 12 in. made to order; flanged ends, globe pattern only.