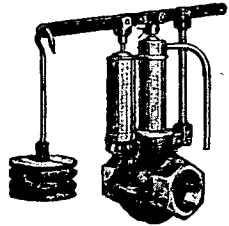


Kliffel Manufacturing Co.

2641-59 West Harrison St.
Chicago, Ill.

Manufacturers of Pressure Regulating Appliances—for
the Automatic Control of Steam, Air, Water or Gas

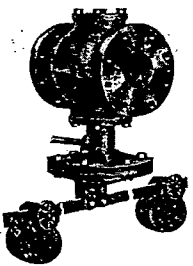


No. 1 Pressure Regulator—
Piston Type

Sizes, $\frac{3}{4}$ to 14 in., inclusive. Bronze bodies in sizes $1\frac{1}{2}$ 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.

Nos. 3 AND 4 PRESSURE REGULATORS Diaphragm Type

Automatically reduce any initial steam pressure to any desired reduced pressure, either below atmosphere or up to 5 lbs. above atmosphere, and constantly maintain reduced pressure regardless of initial pressure fluctuations or changes in the demand for steam. Includes no stuffing



No. 3 Pressure Regulator,
Diaphragm Type

Made in same sizes and style of ends as No. 1 Pressure Regulator, Piston Type.

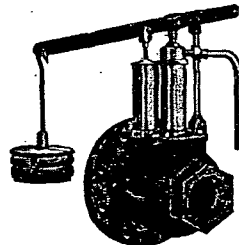
Nos. 1 AND 2 PRESSURE REGULATORS Piston Type

Automatically reduce any initial steam, air or water pressure to any desired reduced pressure down to 2 lbs. and maintain reduced pressure constantly regardless of fluctuations in the initial pressure, or changes in the demand for steam.

When specified for control of air or water, piston is provided with special leather cup packing at no additional charge. Working parts removable while valve body remains in pipe line.

No. 2 PRESSURE REGULATORS Piston Type—Expanded Outlet

Similar to No. 1 except have an expanded outlet, allowing use of low pressure pipe of larger size than high pressure supply pipe.



No. 2 Pressure Regulator—
Piston Type—Expanded Outlet

Sizes, 1 x 2 to 12 x 24 in., inclusive. Bronze bodies in sizes $1\frac{1}{2}$ x $2\frac{1}{2}$ in. and under. Iron bodies with bronze inner valves and trimmings in sizes above. Unless otherwise specified, Nos. 2 and 4 will be shipped with inlet screwed and outlet flanged in sizes $1\frac{1}{2}$ x 3 to 4 x 6 in., inclusive, although they can be furnished with other style ends; sizes 4 x 8 in., and above, both ends flanged only.

No. 4 PRESSURE REGULATORS Diaphragm Type—Expanded Outlet

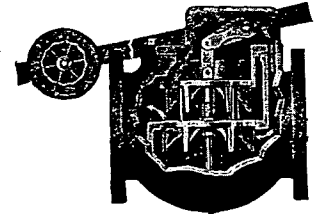
Similar to No. 3 except have expanded outlet, allowing use of low pressure pipe of larger size than the high pressure supply pipe. Made in same sizes and style of ends as No. 2 Regulator.

Our 80 page Catalog No. 26 with new sectional illustrations, roughing-in dimensions and valuable engineering data is ready for distribution.

Write for your Copy—TODAY!

No. 28 NOISELESS BACK PRESSURE VALVES

Automatically and noiselessly maintain any desired back pressure, so that exhaust steam may be used for heating, drying and other purposes. For use with non-condensing engines. Because of patented construction, inner valve is effectively stabilized, and cannot pulsate in unison with stroke of engine. Can be operated either horizontal or vertical, but horizontal position is preferable. Iron bodies, bronze inner valves and trimmings.



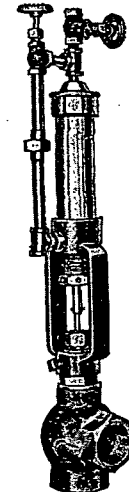
No. 28 Noiseless Back Pressure Valve

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

No. 25 IMPROVED PUMP GOVERNORS

Automatically control any type of steam pump, and maintain discharge at a constant pressure. Simple; compact; direct acting; Monel metal stems; bronze inner valves and seats, semi-balanced and taper seated. Made angle and globe patterns in all sizes.

Sizes, $\frac{3}{4}$ to 12 in., inclusive. Bronze bodies in sizes $1\frac{1}{2}$ in. and under, screwed ends only. Iron bodies in sizes 2 in. and above. Sizes 2 to 6 in. inclusive, made screwed or flanged ends, but screwed ends will be shipped, unless ordered flanged. Sizes 6 in. and above made flanged ends only. Made angle and globe patterns in all sizes, and for any steam or water pressure. Angle patterns will be shipped, unless ordered globe.

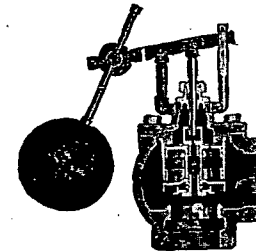


No. 25 Improved
Pump
Governor

No. 6 BALANCED FLOAT VALVES

Automatically control the supply of hot or cold water to open tanks and maintain practically a constant water level. Made angle and globe patterns in sizes up to 14 in. inclusive; sizes 16 to 20 in., inclusive are made globe patterns only. The inner valve consists of two perfectly balanced straight side plunger discs and consequently is unaffected by water pressure. The swivel yoke and float level on all sizes can be turned to any desired position. A rosette at the end of lever permits ample adjustment of the seamless copper float. Inner valves and seats are bronze and are fitted for cold water working pressures up to 200 lbs., unless specified for hot

water. A special right angle bent lever is furnished when valve is specified for installation in a vertical pipe line.

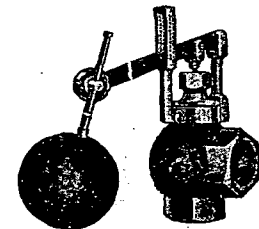


No. 7 Single Seated Float Valve

Sizes, $\frac{3}{4}$ to 8 in., inclusive. Bronze bodies in sizes $1\frac{1}{2}$ 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. All sizes are made angle or globe patterns, but angle pattern will be shipped unless specified globe.

No. 7 SINGLE SEATED FLOAT VALVES

Automatically maintain a constant level of hot or cold water in open tanks. Single seated, auxiliary operated. Seat area equal to pipe size. Will not leak. Swivel guide yoke allows float to be located in any position. Angle and globe patterns. All bronze working parts. For working pressure up to 200 lbs.



No. 6 Balanced Float Valve

Sizes, $\frac{3}{4}$ to 20 in., inclusive. Bronze bodies in sizes $1\frac{1}{2}$ in. and under, screwed ends only. Iron bodies in sizes 2 in. and above. Sizes 2 to 6 in. inclusive, made screwed or flanged ends, but screwed ends will be shipped unless specified otherwise. Sizes 7 in. and above, made flanged ends only. All sizes up to 14 in., inclusive are made angle or globe patterns, but angle pattern will be shipped, unless ordered globe. Sizes 16 in. and above are made globe patterns only.