

Spence Engineering Company, Inc.

28 Grant Street, Walden, N. Y.

SPENCE METAL DIAPHRAGM "DEAD END" REGULATORS

Advantages of Spence Regulators

Dead-end Shutoff—Spence Regulators are guaranteed to hold a dead-end.

Single Seat—Spence design makes possible a balanced single seat even in large sizes.

Metal Diaphragms—Under normal conditions never require replacement.

Accurate Regulation—Regardless of fluctuations in either load or initial pressure.

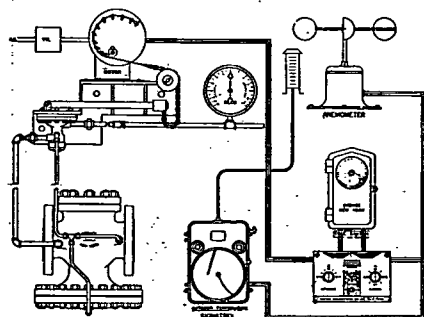
SECO Metal—Guaranteed to resist the wire-drawing action of steam.

Interchangeable Pilots—Any type of pilot will fit any size main valve.

Accessibility—Pilot is connected to main valve with unions.

No Stuffing Boxes—All main valves and most pilots are packless.

Spence Weather Compensator and Orifice Zone Control System:

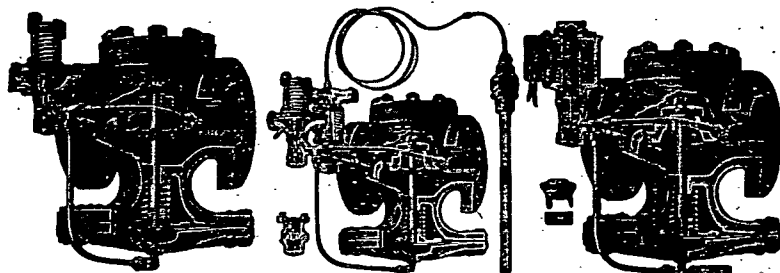


This simple, dependable Control, when installed on a properly designed orificed heating system, will show a substantial degree-day steam saving, at a low maintenance cost.

The delivery pressure of the Regulator is automatically adjusted in direct proportion to the building heat losses. In other words, as the losses become greater, steam pressure on the system is automatically increased.

Any number of zones can be controlled by one automatic Signalrol, automatic Wind Loss Compensator (Anemometer), Time Switch and Master Control Panel equipped

with Manual and Automatic Dials for each zone. In this way each zone can be set individually and at the same time be under the Master Control.



Pressure Regulator—
Type ED

Designed to regulate a steady or varying initial pressure so as to maintain a constant, adjustable, delivery pressure. Applicable to heating systems, power plant operations, or manufacturing processes.

Combined Temperature
and Pressure Regulator
—Type ETD

Self-contained, pilot operated, dead-end. Designed to control flow of fluid to a heating or cooling element, so as to maintain a constant, adjustable temperature, and protect the element against excessive pressure.

Electrically Operated
Valve—Type EM

Can be opened or closed independently by an electrical switch.

Type ET—Same as ETD except pressure control is omitted.

Order a SPENCE Regulator for 40 days' free trial.

Fall-O-Matic Universal Pipe Intersection Cutter.

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Sterling, Inc.

3738 North Holton Street

Milwaukee 12, Wisconsin



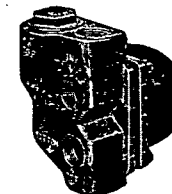
Heating and Temperature Control Products

Distributed through leading Heating and Plumbing Wholesalers
Sales Representatives in Principal Cities

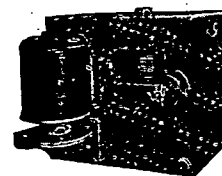
HEATING SPECIALTIES

Thermostatic Traps: sizes $\frac{1}{2}$ in., $\frac{3}{4}$ in., 1 in.; max. pressure 15, 65, 100, 125 psi; Angle, Straightway, Corner, Vertical Body Styles. Float and Thermostatic Traps: sizes $\frac{1}{4}$ in. to 2 in.; max. pressures 15, 100 psi. Strainers: max. pressure 125 psi; Cast Iron Sizes $\frac{1}{2}$ in. to 2 in.; Brass Sizes $\frac{1}{2}$ in. to 1 in. Also Vents, Radiator Valves, Boiler Return Traps.

Illustrated at right is the compact, sturdy $\frac{3}{4}$ in. 69B F & T Trap, which like all other Sterling traps has a bellows type thermostat and replaceable seats and valve members.



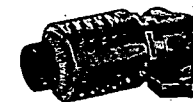
CONDENSATION and VACUUM PUMPS



4100 Series (illustrated): neat, convenient unit with 15 gal tank, dual voltage capacitor type motor, and carbon type rotary seal—for all jobs up to 6000 sq ft EDR, 20 psi. 3500 Series: heavy duty units with pedestal mounted steel tank for a wide range of jobs—2000 to 65,000 sq ft, up to 150 psi. 3700 Series: with heavy cast iron tank for installation underground or in wet locations. 2000 to 20,000 sq ft, 20 or 30 psi. 3800 Series: up to 10,000 sq ft, 20 or 30 psi. Vacuum Pumps: Type V, 2500 and 5000 sq ft, 20 psi. Type S, 10,000 to 40,000 sq ft, 20 to 40 psi.

TEMPERATURE CONTROL VALVES

No. 120 Thermotrol (illustrated): self-contained individual radiator temperature control for steam or hot water. Easily installed in place of manual radiator valve without wiring or other external connections. Tank Temperature Controls: self-powered modulating control valves for fluid heaters and process equipment. Sizes: $\frac{3}{8}$ in., $\frac{1}{2}$ in., $\frac{3}{4}$ in., 1 in., $1\frac{1}{4}$ in., $1\frac{1}{2}$ in., 2 in.



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