

The Fulton Sylphon Company

Manufacturers of Sylphon Automatic Temperature Controlling Instruments and Packless Expansion Joints

Knoxville, Tenn.

Sales Representatives in Principal Cities

PRODUCTS

Automatic Radiator Valves, Air Conditioning Controls, Temperature Regulators for Storage Water Heaters; Thermostatic Water Mixers; Refrigeration Temperature Regulators; Packless Expansion Joints; Pressure Reducing Valves.



GENERAL INFORMATION

Fulton Sylphon Products depend upon the famous Sylphon Metal Bellows for their trouble-free service and long life.

Over thirty-five years ago, THE FULTON SYLPHON COMPANY originated this bellows... a precision-built, seamless, jointless "miracle in metal."

By continuous engineering study and intimate contact with heating and refrigeration problems, this company has used this efficient, practically indestructible bellows in the development of a line of temperature control and heating specialties known everywhere for outstanding service and quality.

SPACE HEATING AND AIR CONDITIONING CONTROL

No. 885 Automatic Radiator Valve

For exposed radiation. Small, neat, finely finished, adjustable to room temperature desired. Simply replace ordinary radiator valves with these Sylphon Automatic Regulators—no wiring, piping or auxiliary equipment are required. These valves answer the demand for an inexpensive means of providing accurate, dependable space temperature control in rooms, sections or throughout large buildings, new or old. Similar type valves for concealed radiation—get Bulletin HVG-80.



Sylphon No. 885 Automatic Radiator Valve

Sylphon Thermostats

Heat accelerated and on-off types, with or without night set-back feature and with or without anticipating feature.



Sylphon Thermostat (4 types)

No. 890 Electric Radiator Control Valve

For either exposed or concealed radiation. Similar in appearance and action to Sylphon Automatic Valves, but operated by an electric wall thermostat. The closing of the thermostat circuit



Sylphon No. 890 Electric Radiator Control Valve

energizes a low voltage electric heater coil surrounding a bulb containing a volatile liquid. This liquid expansion causes pressure on a bellows in the valve head operating the valve. This provides radiator valve control from a remote location, permits regulation of several radiators from a single thermostat, enables a time switch to be installed, if desired, offers effective zone control of large areas at a fraction of the cost of conventional motor-operated valve systems. Bulletin HVG-70.

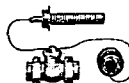
No. 7 Temperature Control

A self-contained, self-powered regulator for controlling unit heaters, wall or ceiling type radiators, heating coils in duct-type heating systems, etc. A sturdy control, quickly installed, holds temperatures within close limits. Valve is placed in steam line to one or a battery of heaters, thermostat is mounted on wall or column. Designed for use on regular heating pressures up to 15 lb. Similar regulators, Nos. 7-2 and 7-3 for 50 and 75 lb pressure and temperatures up to 170 F. Bulletin HVG-50.



Sylphon No. 7 Temperature Control (Self-operating)

No. 928-C Temperature Regulator



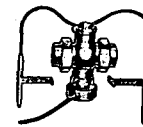
Sylphon No. 928-C Temperature Regulator

A compact regulator, especially suited to control of duct temperatures. Bulb is a series of copper coils, sensitive to slightest change in air temperature. Convenient adjustment. Three types for 15, 50 and 75 lb steam pressures and temperatures not exceeding 170 F.

The Fulton Sylphon Company

No. 889-E Unit Ventilator Control

An electrically and mechanically operated dual valve developed for use in unit ventilators. The electric side of the valve utilizes the same "heat motor" as used in Sylphon Electric Radiator Valves and is operated by a wall thermostat in the room. Valve operates to bring room temperature to desired level during heating up period, and maintains desired temperature during period of "thermal balance." Mechanical side of valve is operated by a thermostat bulb placed in discharge air stream and is known as "minimum air stream thermostat."



Sylphon No. 889-E Unit Ventilator Control (Electrically operated type)

This modulates the valve, when the electric thermostat is "off," to prevent discharged air from falling below a predetermined minimum temperature, eliminating objectionable cold drafts. Suitable for steam pressures up to 15 lb and for any two-pipe steam, vapor or vacuum system.

No. 371 Damper Motor



Sylphon Damper Motor (Self-operating and electric types)

A positive type motor for on-and-off control of dampers. Operation may be controlled by thermostat, hand switch, motor starting switch, or other means. Motor, safety type, closes on current failure. Write for literature.



No. 945-Z Refrigerator Showing detail of "freeze-proof" valve

Refrigeration Controls

Adaptable wherever brine is used as the refrigerant. Latest development is a "freeze-proof" valve (illustrated at left on the popular Sylphon No. 945-Z Regulator). Bulletin HVG-20.

PACKLESS EXPANSION JOINTS

The Sylphon Packless Expansion Joint eliminates useless building height, expensive construction and non-revenue producing space. No costly leaks and repairs, no repacking, always tight, allows heating system to operate at full efficiency. Write for Bulletin HVG-140.



No. 110 Sylphon Expansion Joint

PRESSURE REGULATORS

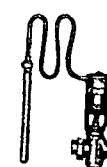
No. 955—Sylphon Interlocking Valve is a safety appliance protecting oil-fired furnaces by shutting off oil flow should atomizing pressure fail or fall below the required minimum. Approved by Associated Factory Mutual Fire Insurance Companies. Bulletin HVG-100.



No. 955 Interlocking Valve

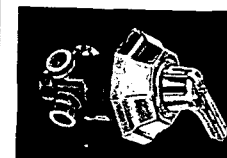
HOT WATER SUPPLY

No. 923 Temperature Regulator



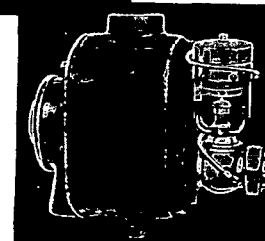
No. 923 Temperature Regulator

For controlling temperature of water in heaters, open or closed tanks and various types of equipment. Operation is unaffected by temperature fluctuations at the valve, either above or below bulb temperature. Neat. Compact. All parts, except steel adjustment spring, made of non-ferrous metals. May be installed in any position. Ranges from 40 — 80 F to 290 — 330 F. Bulletin HVG-20.



Below No. 908 Sylphon Thermostatic Water Mixer—14 to 181 gpm depending on water pressure.

Above No. 908 Thermostatic shower mixer with temperature selector handle permitting setting for any desired, thermostatically maintained, temperature from cold to a safe maximum temperature of hot water.



Sylphon Thermostatic Water Mixers

Utilize hot water from any storage tank or instantaneous heater, and effectively regulate the amount of cold water required to temper it to the desired degree, actually mixing the hot and cold water together before delivery. Temperature remains constant in spite of fluctuations in supply water temperatures or pressures.

Four sizes with capacities ranging from 5 to 131 gpm. Bulletin HVG-40.