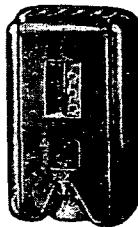


Fulton Syphon Division

ROBERTSHAW-FULTON
CONTROLS CO.

Knoxville 1, Tenn.

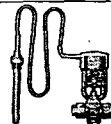
Sales Representatives
in
Principal CitiesManufacturers of
Syphon Automatic Temperature
Controlling Instruments and
Packless Expansion JointsSeries 800
ROOM
THERMOSTATS

Heavy duty, super sensitive wall thermostats for accurate, direct control of electric heating units, air conditioning units, etc. Sensitive thermostat responds to both radiant heat and air temperature changes to $\pm \frac{1}{2}^\circ$ differential under actual load conditions. Other features include: positive snap-action switch; mounts on standard outlet box with only two screws and without removing cover; electrically rated for both non-inductive load ratings and motor ratings; instrument type construction; accurately calibrated dial; calibrated thermometer eliminates guesswork as to room temperatures; shock-proof plastic cover; compact, attractive design; *UL* approved, and guaranteed for 18 months against defective workmanship or materials.

801 Series: Temperature Range: 64°-80°F. Operating Differential: $\pm \frac{1}{2}^\circ$ 20 amps (non-inductive load) at 125-250 volts ac, $\frac{3}{4}$ hp at 115 volts ac, $1\frac{1}{2}$ hp at 230 volts ac.

802 Series: Temperature Range: 55°-85°F. Operating Differential: $\pm 1^\circ$ 20 amps (non-inductive load) at 125-250 volts ac, $\frac{3}{4}$ hp at 115 volts ac, $1\frac{1}{2}$ hp at 230 volts ac.

Type 801-A3: Combination thermostat for heating-cooling use. Temperature Range: 64°-80°F. Operating Differential: $\pm \frac{1}{2}^\circ$. Requires only a simple connection with a manually operated summer-winter switch to provide change from heating to cooling.

HOT WATER SUPPLY
No. 999

Temperature Regulator controls temperature of liquids. Particularly suited for storage water heaters and for all industrial processes requiring accurate temperature control. Stainless steel frame for minimum heat conduction. Large size Syphon Bellows provides added power. Self-operating. Valve sizes from $\frac{1}{2}$ in. to 4 in. Temperature ranges start at 40° F, up to 420°F. *Bulletin HVG-E.*

SPACE HEATING CONTROL

No. 885

Automatic Radiator Valve—

For exposed radiation. Small, neat, attractively finished, adjustable to room temperature desired. Simply replace ordinary radiator valves with these Syphon Automatic Valves—no wiring, piping or auxiliary equipment is 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-E.*



Syphon No. 890

Radiator Control Valve



For either exposed or concealed radiation. Similar in appearance and action to other Syphon Automatic Valves, but operated by an electric wall thermostat. The closing of the thermostat circuit energizes a low voltage electric heater coils 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-E.*

REFRIGERATION
CONTROLS

No. 945-Z Regulator



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

PACKLESS
EXPANSION JOINTS

No. 110-M Syphon Expansion Joint

The Syphon Packless Expansion Joint eliminates expensive construction, non-revenue producing space. No leaks or repairs, no repacking. Use No. 110-M for steam lines; No. 111-M for water lines. Sizes $\frac{3}{4}$ in. to 3 in., inclusive. *Bulletin HVG-65.*

NO. 96066 SYLPHON EXPANSION
JOINT

Used on hot water lines, a simple, compact means for absorbing expansion of "baseboard" radiation, finned convectors, horizontal supply lines, etc. A two-ply Syphon bellows absorbs expansion, prevents noise, pipe strains, leakage. Complete factory assembled unit. Easily installed or removed. Sizes $\frac{3}{4}$ in. to 2 in., inclusive. *Bulletin HVG-E.*

HEATING AND AIR
CONDITIONING CONTROL

Almost any type of heating, ventilating or air conditioning system can be advantageously controlled wholly or in part by Syphon Regulators. Basic advantages of Syphon Controls are:

Modulating—Maintain ideal conditions—not continually correcting too hot, too cold, too humid or too dry conditions.

Compensating—Many Syphon Regulators offer compensating control, automatically raising their low limit setting at a predetermined rate as outside temperatures fall.

Sensitive—Close operating temperature differentials. Quick response.

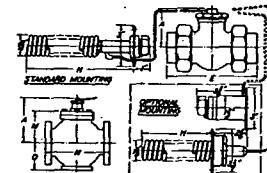
Simple—in design.

Rugged Construction—Give years of satisfactory service.

Adaptable—Any one of many combinations of Syphon Instruments can be ar-

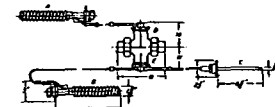
ranged to control any air conditioning system and to provide exactly the conditions desired. Write for Bulletin SAC-860.

The No. 928-H Regulator



Simple, compact yet highly sensitive. Suitable for modulating control of air temperatures in ducts. Bulb is constructed of numerous coils of copper tubing giving sensitivity to the slightest temperature variation. Packless valve eliminates service problem and makes this regulator ideal for installation in inaccessible locations. Suitable for steam pressures up to 15 lbs; other types available for pressures up to 75 lbs.

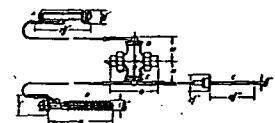
The Syphon No. 889-C Regulator



A modulating, dual-function regulator for control of duct heating and ventilating systems—two independent valves in a single body.

Adjustable Thermostat "A" governing Valve "D" functions to maintain room temperature from temperature of recirculated air. Adjustable Thermostat "B" acts as a low-limit ductstat controlling Valve "E" to maintain minimum discharge air temperature. Bulb "C" compensates Bulb "B" to maintain even discharge air temperature irrespective of demand. Compensated Thermostat "B" can also be furnished to raise its setting at a predetermined rate with falling fresh air temperatures if desired. Suitable for steam pressures up to 15 lbs.

The Syphon No. 889-C7 Regulator



The No. 889-C7 regulator has a wall type adjustable thermostat that is placed in the room or space to be controlled. This thermostat "A" operates upper half of the regulating valve. Otherwise, same as No. 889-C regulator described above.