

WATTS

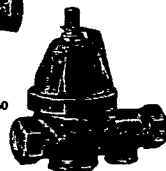
WATTS REGULATOR COMPANY
Lawrence, Massachusetts

PROTECTION AND CONTROL SPECIALTIES SINCE 1875

HOT WATER SPACE HEATING SYSTEMS



No. 740



No. 560

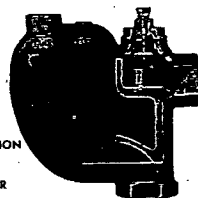


CIRCULATOR

COMBINATION TANK DRAIN



RADIATOR DIVERSION FITTING

COMBINATION
AIR
ELIMINATOR
AND FLOW CHECK

ASME RATED BOILER SAFETY RELIEF VALVES

740 Series

For dependable protection against excessive pressure. Expanded outlets provide large capacity. Pressure range 30 lbs to 75 lbs; ratings from 895,000 to 10,700,000 Btu/hr. Cast iron body construction. Non-mechanically guided, stickage-free design. Sizes: $\frac{3}{4}$ in. x 1 in., 1 in. x $1\frac{1}{4}$ in., $1\frac{1}{4}$ in. x $1\frac{1}{2}$ in., $1\frac{1}{2}$ in. x 2 in., 2 in. x $2\frac{1}{2}$ in.

FEED WATER PRESSURE REGULATORS

No. 560

Automatically supplies water as needed to maintain minimum system pressure under normal operating conditions. New fast-feeding principle purges system of aerated water. Built-in check valve and stainless steel strainer. All-bronze body construction. Female inlet and outlet connections. Sizes: $\frac{1}{2}$ in. and $\frac{3}{4}$ in.

CIRCULATOR

New, compact, space-saving design assures quiet, vibration-free circulation for forced hot water heating systems. Minimum number of parts—single shaft from motor to impeller results in quiet, efficient operation; elimination of a pump bearing and spring coupling common to most designs results in minimum maintenance. Pumping capacity comparable with all standard pumps. Conventional motor and seal construction. Furnished with companion flanges, sizes $\frac{3}{4}$ in., 1 in., $1\frac{1}{4}$ in. and $1\frac{1}{2}$ in.

COMBINATION TANK DRAIN

Completely new low-cost design for dependable, fast draining of water logged expansion tanks. Three-in-one combination unit acts as expansion tank drain vent, system shut-off valve, and hose drain-off connection, saves labor and fittings. All-bronze construction.

RADIATOR DIVERSION FITTINGS

Precision machined for forced circulation heating systems to insure proper channeling of water into each unit. All bronze (85 percent copper) for maximum corrosion-resistance. Minimum pressure drop through fitting. Low cost.

COMBINATION AIR ELIMINATOR AND FLOW CHECK

For noiseless, efficient air elimination. Combines flow check and air eliminator in one housing, saving fittings and labor. Design creates flow path which directs air to the surface for fast removal. Flow check operation prevents gravity flow, enables summer operation of domestic water unit.

HOT WATER SUPPLY SYSTEMS TEMPERATURE & PRESSURE RELIEF VALVES

Series 40, 140, 240, 340

(ASME RATED—A.G.A. LISTED)
Under latest Standard ASA Z21.22-1958

Fully automatic temperature and pressure relief protection for hot water supply tanks and heaters. Available with short or extended type thermal elements. All-bronze body construction. Seat located above drain so water can't be trapped and sediment can't foul seat. Non-mechanical seat-to-disc alignment will not stick or freeze. Powerful solid wall, hydraulic principle, piston-type thermostat not vulnerable to corrosive water conditions.

40, 140, 240 Series tested, rated and listed by A.G.A. under new ASA Z21.22-1958. A.G.A. temperature steam ratings are as follows: 40, 140 Series = 100,000 Btu/hr; 240 Series = 200,000 Btu/hr. Temperature relief 210°F. Pressure range 75-150 lbs. Standard setting 125 lbs. Sizes: $\frac{3}{4}$ in. to 2 in. inlet connections. Female outlet connections.

ASME RATED WATER PRESSURE RELIEF VALVES

174A Series

Water pressure relief valves for hot water supply systems. Similar to 740 Series but have same size inlet and outlet connections and all-bronze body construction. Pressure range 75 lbs to 160 lbs with Btu/hr ratings from 1,000,000 to 15,250,000. Female inlet and outlet connections. Sizes: $\frac{3}{4}$ in. to 2 in. inclusive.

WATER PRESSURE REDUCING VALVES

No. 135

For water service on domestic and industrial applications. Initial pressures up to 250 lbs. Bronze body, one-piece construction with stainless steel renewable seat and integral strainer. Sizes $\frac{1}{2}$ in. to 2 in. inclusive. For reduced pressures under 30 lbs specify 135LP.

STEAM HEATING SPECIALTIES

STEAM PRESSURE REGULATORS

127 Series

Large capacity, remote control, diaphragm type reducing valves. Initial pressures up to 250 lbs. Reduced pressure range 0-100 lbs. Female connection sizes $\frac{1}{2}$ in. to 3 in. Flanged connections $2\frac{1}{2}$ in. and 3 in. 127SC has stainless steel seat and composition disc for saturated steam service. 127SS has stainless steel seat and disc for superheated steam service.

152 Series

Limited capacity, self-contained, tight-closing regulators for process steam and air. Sizes $\frac{1}{2}$ in. to 1 in. Initial pressures up to 250 lbs. Reduced pressure range 5-40 or 25-100 lbs.

BOILER WATER LEVEL CONTROLS (U.L. Listed)

No. 60LW Combination Boiler Water Feeder and Low Water Cut-off

Automatically feeds water to maintain safe water level in boiler. Cut-off switch interrupts burner circuit in event of emergency low water condition. Maximum steam pressure 35 lbs. Up to 5,000 sq ft radiation. Gage glass type, $\frac{1}{2}$ in. feed valve connection.

No. 89A Dependable Low Water Cut-off

For gage glass installations on low pressure boilers. Maximum steam pressure 25 lbs. Available with single-throw mercury switch for cut-off only, or double-throw switch for cut-off and alarm service. Ideally suited for self-energized control circuits on gas-fired heating installations.

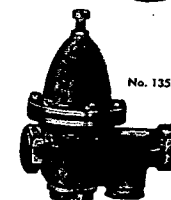
Write for new condensed catalog



No. 40XL



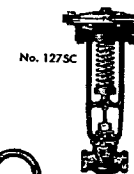
174A SERIES



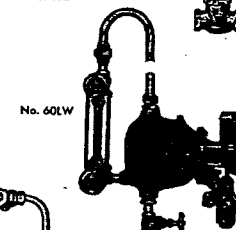
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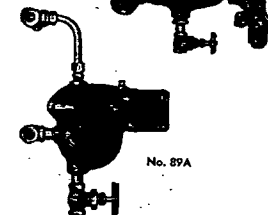
No. 152



No. 127SC



No. 60LW



No. 89A