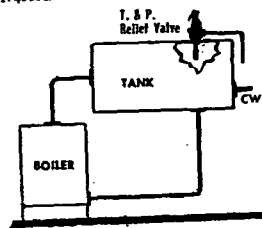
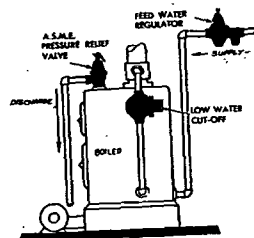


WATTS Regulator Company

10 Embankment St., Lawrence, Massachusetts

RELIEF VALVES AND CONTROLS FOR ...
HOT WATER SPACE HEATING HOT WATER SUPPLY SYSTEMS



PRESSURE RELIEF VALVES FOR HOT WATER HEATING BOILERS (ASME rated)

174A Series—For dependable protection against over pressure. A complete line of sizes $\frac{3}{4}$ in. to 2 in. inclusive. Bronze body and internal trim—non-mechanically guided, stickage-free design.

74A & 740 Series—these valves are the same as above except with increased outlets providing increased capacity. Tested and rated by the *National Board of Boiler and Pressure Vessel Inspectors*.

Size	No.	ASME Press. Steam Rating Btu/hr		
		30 lb	36 lb	45 lb
$\frac{3}{4}$ "	174A	500,000	575,000	680,000
1"	174A	1,135,000	1,290,000	1,530,000
$1\frac{1}{4}$ "	174A	1,885,000	2,120,000	2,505,000
$1\frac{1}{2}$ "	174A	2,020,000	2,310,000	2,720,000
2"	174A	3,315,000	4,360,000	5,120,000
$\frac{3}{4}$ " x 1"	74A	700,000	795,000	940,000
$1\frac{1}{4}$ " x 2"	740	2,900,000	3,325,000	3,925,000
2" x $2\frac{1}{2}$ "	740	5,250,000	5,975,000	7,050,000

FEED WATER PRESSURE REGULATOR

No. 135HW automatically supplies water as needed to maintain minimum system pressure under normal operating conditions. Regulator is set to deliver 12-15 lb, but may be adjusted to higher pressures. Female inlet and outlet connections. Sizes $\frac{1}{2}$ in., $\frac{3}{4}$ in., 1 in.

SELF-CLOSING TEMPERATURE AND PRESSURE RELIEF VALVES (ASME and A.G.A. Rated)

N40, 140, 240 Series for hot water supply system protection. Available in short or extended type thermal elements. Temperature relief 210 F. Pressure range 75-150 lb. Standard setting 125 lb. Sizes $\frac{3}{4}$ in. to $1\frac{1}{4}$ in. inlet connections. Female outlet connections.

Type No.	Connections		Style Thermostat	Temperature Water Rating Btu/hr
	Inlet	Drain		
N40L	$\frac{3}{4}$ " m	$\frac{3}{4}$ " f	Short	850,000
N40XL	$\frac{3}{4}$ " m	$\frac{3}{4}$ " f	Extension	850,000
140S	$\frac{3}{4}$ " f	$\frac{3}{4}$ " f	Short	850,000
140X	$\frac{3}{4}$ " f	$\frac{3}{4}$ " f	Extension	850,000
141S	1" m	$\frac{3}{4}$ " f	Short	850,000
141X	1" m	$\frac{3}{4}$ " f	Extension	850,000
240X	1" f	1" f	Extension	1,125,000
241X	$1\frac{1}{4}$ " m	1" f	Extension	1,125,000

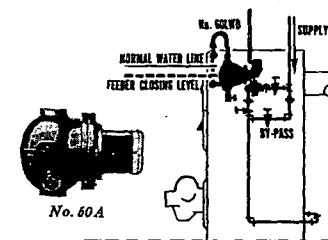
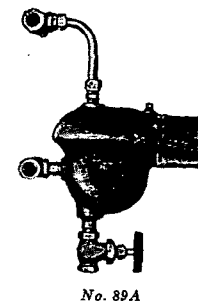
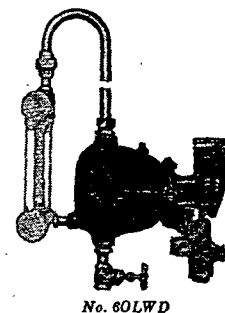
(f) female connection -- (m) male connection
ASME PRESSURE STEAM RATING
(Valves set at 125 lb)

N40L, N40XL	1,025,000 Btu/hr
140S, 140X	
141S, 141X	
240X, 241X	1,467,000 Btu/hr

TEMPERATURE ONLY RELIEF VALVES (A.G.A. Listed only)

Nos. 400T, 401T temperature (only) relief valves for hot water supply tanks and heaters where separate temperature relief valves are desired or required. Sizes $\frac{3}{4}$ in. or 1 in. inlet, $\frac{3}{4}$ in. female outlet, Btu/hr ratings up to 1,500,000.

STEAM BOILER WATER LEVEL CONTROLS



BOILER WATER FEEDERS AND FEEDER CUT-OFF COMBINATIONS

(Listed by Underwriters' Lab.)

Feeder automatically feeds water to maintain safe water level in boiler. Cut-off switch interrupts burner circuit in the event of an emergency low water condition.

60 Series—Max. Steam Pressure 25 lb.—Gage glass type. $\frac{1}{2}$ in. connections. Available as feeder only—feeder cut-off—feeder cut-off and alarm switch. Up to 5,000 sq ft radiation.

76 Series—Max Steam Pressure 35 lb.—Larger float and body design. Available in same models as 60 Series. Float chamber connections 1 in. female. For over 5,000 sq ft radiation.

LOW WATER CUT-OFFS

(Listed by Underwriters' Lab.)

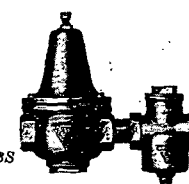
No. 89A—Max Steam Pressure 25 lb.—Gage glass type with deep sediment chamber. Available with single throw mercury switch for cut-off service only or double throw for cut-off and alarm service.

No. 50A—Max Steam Pressure 50 lb.—Heavier float and bellows construction for use on small and medium size process boilers as low water cut-off or pump starter. Also used on hot water heating boilers. 1 in. female top and bottom float chamber connections. See diagram on opposite page.

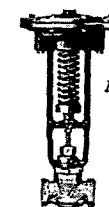
PRESSURE REDUCING VALVES FOR WATER AND STEAM SERVICE



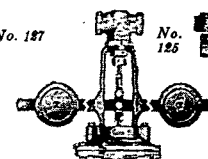
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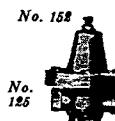
No. 223S



No. 127



No. 125



No. 152

REGULATORS FOR WATER SERVICE

No. 223 regulator only, sizes $\frac{1}{2}$ in. to 2 in. No. 223S is No. 223 regulator with strainer. For initial pressures up to 250 lb. Reduced pressure range 30-75 lb.

No. 127W remote control, diaphragm spring type pressure reducing valve; sizes $\frac{1}{2}$ in. to 3 in. Initial pressures up to 250 lb. Reduced pressure range 10-100 lb.

REGULATORS FOR STEAM SERVICE
No. 127 spring type and No. 125 weight and lever type remote control diaphragm regulators. Sizes $\frac{1}{2}$ in. to 3 in. inclusive. Initial pressures up to 250 lb. Reduced pressure range 10-100 lb. Sizes $2\frac{1}{2}$ in., 3 in. available with flanged connections. Also available as double seated regulators in sizes up to 6 in.

No. 152 self-contained type, sizes $\frac{1}{2}$ in. to 1 in. Initial pressures up to 250 lb. Reduced pressure range 5-40 or 25-100 lb.