56 SERIES PRESSURE ACTUATED WATER REGULATING VALVE

The Sterlco® 56 Series Pressure Actuated Water Regulating Valve features a compact, dependable design made from sturdy brass alloy casting. To accommodate pressures from 70 to 260 PSI without changing springs, simply turn the adjustment screw at the base of the valve.

You can easily mount the valve in any position without mounting brackets. The 56 Series valve comes with a sturdy actuating element with powerful bellows designed for use with open and hermetically sealed condensing units. The valve is designed with a zinc-coated steel spring and provisions for easy manual flushing after installation.

- Precise control from 40º to 275ºF
- Sizes from 3/8” to 2 1/2”
- Sturdy, brass alloy construction
- Heavy-duty, direct acting bellows
- Buna-N seat disc
- Replaceable seat beads
- 125# ANSI Flange (2” and 2 1/2” valves)

This thermostatic cooling control valve has everything you need for reliable temperature control. The Sterlco® 56-T Series Temperature Actuated Water Regulating Valve evenly regulates cooling water and other fluids in the most rugged applications. It’s ideal for hydraulic power packaged equipment, hydraulic presses, or wherever reliable performance is required.

Sterlco’s® self-modulating cooling control valves are temperature actuated, self powered, and applicable to cooling processes using water or other fluids. 56-T Series valves are available in eight different sizes. To ensure dependability, every valve is factory-tested three times in different temperature baths. For the temperature control you need, get the valve that can deliver.

56 SERIES PRESSURE ACTUATED WATER REGULATING VALVE

<table>
<thead>
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<td>6 5/8</td>
<td>2 lbs 6 oz</td>
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<td>8 1/16</td>
<td>4 lbs 2 oz</td>
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</table>
**SPECIFICATIONS**

### Size
- 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2, 2 1/2"

### Fluid Pressure Range
- Up to 105 PSI for 3/8" through 1 1/4"
- Up to 150 PSI for 1 1/2" through 2 1/2"

### Standard Temperature Ranges
- (opening point adjustment may be anywhere within the standard ranges shown)

- **3/8" through 1 1/4"**
  - 40°F - 100°F
  - 60°F - 140°F
  - 100°F - 175°F
  - 120°F - 200°F
  - 140°F - 240°F
  - 200°F - 275°F

- **1 1/2" through 2 1/2"**
  - 60°F - 140°F
  - 100°F - 175°F
  - 160°F - 230°F

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**BULB WELLS**

- **A:** Used on 3/8" and 1/2" valves
- **B:** Used on 3/4", 1", and 1 1/4" valves
- **C:** Used on 1 1/2" valves
- **D:** Used on 2" and 2 1/2" valves

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**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Size (in.)</th>
<th>A (in.)</th>
<th>B (in.)</th>
<th>C (in.)</th>
<th>D (in.)</th>
<th>E (in.)</th>
<th>F (in.)</th>
<th>Width (in.)</th>
<th>Weight</th>
<th>Cv</th>
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<tbody>
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<td>3 1/16</td>
<td>3 1/32</td>
<td>3 5/8</td>
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<td>6 1/16</td>
<td>2 1/8</td>
<td>2lbs. 6oz</td>
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<tr>
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<td>3 1/16</td>
<td>3 1/32</td>
<td>3 5/8</td>
<td>6 1/4</td>
<td>6 1/16</td>
<td>2 1/8</td>
<td>2lbs. 6oz</td>
<td>4.38</td>
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<tr>
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<td>8lbs. 2oz</td>
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<td>4 3/16</td>
<td>3 27/32</td>
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<td>5 1/8</td>
<td>2 3/4</td>
<td>7lbs. 12.5</td>
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<tr>
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<td>9 1/16</td>
<td>2 3/4</td>
<td>10lbs. 14</td>
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<td></td>
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**Standard Capillary Length**

- 6' (for other capillary lengths, consult factory)

**Valve Mounting**

- Any position

**Standard Bulbs**
- For 3/8" and 1/2" valve sizes: 5/8" x 6" with 3/4" union connection
- For 3/4", 1", and 1 1/4" valve sizes: 5/8" x 8 1/4" with 3/4" union connection
- For 1 1/2" valve sizes: 9/16" x 8" with 1/2" union connection
- For 2" and 2 1/2" valve sizes: 3/4" x 11" with 3/4" union connection

**Special Bulbs**
- 3/8" through 1 1/4" sizes: 9/16" x 3 1/4" with 1/2" union connection
- 9/16" x 6 3/4" with 1/2" union connection

[Available on special order. Please consult factory for details.]

**Seat Disc**
- Replaceable Buna-N

**Seat Bead**
- Replaceable stainless steel (3/8" through 1 1/4")
- Replaceable brass (1 1/2" through 2 1/2")

**Temperature Adjustment**
- For 3/8" - 1 1/4" valves: For lower temperature, turn adjusting screw counterclockwise. For higher temperature, turn clockwise.
- For 1 1/2" - 2 1/2" valves: For lower temperature, turn adjusting screw clockwise. For higher temperature, turn counterclockwise.

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**BULB WELLS**

- **A:** Used on 3/8" and 1/2" valves
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**Provisions for easy manual flushing after installation**

- Replaceable Buna-N seat disc
- Durable brass, two-plated bellow
- Copper capillary protected by heavy-duty armor
SPECIFICATIONS

<table>
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<tr>
<th>Size</th>
<th>3/8&quot;, 1/2&quot;, 3/4&quot;, 1&quot;, 1 1/4&quot;, 1 1/2&quot; 2, 2 1/2&quot;</th>
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  - 1 1/2" through 2 1/2":
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    - 160°F - 230°F

Body
- Brass Alloy Casting

Valve parts
- Brass Alloy

Standard Capillary Length
- 6' (for other capillary lengths, consult factory)

Valve Mounting
- Any position

Standard Bulbs
- For 3/8" and 1/2" valve sizes: 5/8" x 6" with 3/4" union connection
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RELIABLE TEMPERATURE CONTROL
DESIGNED FOR RUGGED APPLICATIONS

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STERLCO® PRODUCTS INCLUDE: HAND RADIATOR VALVES • THERMOSTATIC TRAPS • FLOAT AND THERMOSTATIC TRAPS • INVERTED BUCKET TRAPS • CAST IRON STRainers • BRASS STRainers • TANK AND PROCESS TEMPERATURE CONTROL VALVES • BOILER FEED UNITS • CONDENSATE Pumps