Aquatrol, Inc is a US based manufacturer of safety and relief valve products. As we move into our 8th decade, our commitment and focus has not changed: We are driven to produce industry leading safety and relief valve product with quality and safety standards second to none.

All engineering, design and production is done by our team of motivated and professional safety valve specialists…Over the past few years, we are proud to offer many new product and choices:

- Cryogenic options with both our 740 and 89 Series valve lines
- Tri-clamp (sometimes referred to as sanitary) connections
- Lap-joint flange options for both 742 and 743 series. Both offer variable dimensions on the bottom and side outlets
- PED / CE and ISO as it applies to the safety valve industry
- Increased set pressures and pipe sizing options; throughout all valve lines
- Our NEW mini-series 140 is now ASME approved and offers pressures to 450 PSI. Like all of our product, the valve is designed to ruggedly enhanced specifications

Over 95% of our components are manufactured here, in the USA and by Aquatrol.

Orders are all confirmed, acknowledged (with ship dates and all valve details) upon acceptance. All orders shipped will also receive a notice with tracking details and electronic billing (if requested).

As always, we strive to have 100% of all components in stock…allowing you to make quick and ‘best fit / best choice’ selections.

We welcome the opportunity to be of service.

With Best Regards,
—Your Aquatrol Staff
Series 740 safety and relief valve is engineered for heavy-duty industrial usage. Multiple purpose safety and relief valve for all services: Liquid, Steam and Air/Gas. ASME and National Board Certified for Section VIII as well as CE and CRN Certifications. Pressures are to 1500 PSI. Available with the full array of metal and seating options.

**SERIES 740**
Brass nozzle, stainless steel ring, disc and springs. Brass / bronze body, bonnet. 300 PSI (20.7 Bar) for air/gas and liquid, 250 PSI (17.2 Bar) for steam. Temperatures -320°F (-196°C) to 406°F (208°C)

**SERIES 741**
Stainless steel nozzle, ring, disc and springs. Brass / bronze body, bonnet. 1500 PSI (103.4 Bar) for air/gas and liquid, 300 PSI (20.7 Bar) for steam. Temperatures -320°F (-196°C) to 425°F (218°C)

**SERIES 742**
Stainless steel nozzle, ring, disc, all internals and springs. Carbon steel body, bonnet. 1500 PSI (103.4 Bar) for air/gas and liquid, 300 PSI (20.7 Bar) for steam. Temperatures -20°F (-29°C) to 800°F (427°C)

**SERIES 743**
Stainless steel nozzle, ring, disc, all internals and springs. Stainless steel body, bonnet. 1500 PSI (103.4 Bar) for air/gas and liquid, 300 PSI (20.7 Bar) for steam. Temperatures -320°F (-196°C) to 800°F (427°C)

**Usages:** Pressure Vessels, Pumps, Hydraulics, Tanks, Steam Systems, Chemical, Cryogenic, Air and Gas Compressors, Separators, by-pass and over pressure protection. Choose for most industrial applications requiring a safety relief valve.

**Features:**
- Full nozzle – Top guided design
- Short, precise blow-down
- Wide choice of inlet/outlet sizes
- Dual-lapped precision seating
- 100% Back-pressure tight
- Drain hole with threaded plug
- Cryogenic compatible

**Options:**
- O-ring seating options (see charts)
- Packed lift lever or Closed cap
- BSPT Piping
- Tri-Clamp Inlets
- Full array of metal options
- API 527 Seating
- Lap Joint Flanges
SERIES 740 THRU 743

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**SERIES 740 THRU 743**

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* - Non-Code

Aquatrol • Safety Relief Valves
SEATING OPTIONS

SEATING MATERIALS

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<th>Material</th>
<th>Names</th>
<th>Min Temp °F (°C)</th>
<th>Max Temp °F (°C)</th>
<th>Use for</th>
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<tbody>
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<td>Buna-N</td>
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<td>250° (121°)</td>
<td>Air, Butane, Carbon Dioxide, Diesel Oil, Ethyl Chloride, Ethyl Ether, Fuel Oil, Gasoline, Helium, Hydrogen Sulphide, Kerosene, Natural Gas, Nitrogen, Oxygen (Gas), Propane</td>
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<td>EPDM</td>
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<td>-40° (-40°)</td>
<td>303° (151°)</td>
<td>Steam, Water, Hot Water, Acetone, Beer, Brake Fluid, Hydrogen Gas, Sulfur Dioxide, Acids, Alkalis</td>
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<td>FFKM</td>
<td>Kalrez®</td>
<td>-10° (-23°)</td>
<td>550° (288°)</td>
<td>Aromatic Hydrocarbons, Chlorinated Hydrocarbons, Polar Solvents (ketones, esters, ethers), Inorganic and Organic Acids, Water, and Steam (Steam service up to 380°F (193°C) saturated)</td>
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<td>-300° (-184°)</td>
<td>450° (232°)</td>
<td>Cryogenic Service including Argon, Carbon Dioxide, Helium, Hydrogen, Nitrogen, Oxygen, Steam</td>
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Note: This is just a partial listing. Visit www.aquatrol.com for links to websites with more specific applications.

PTFE SEATING

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O-RING SEATING

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SERIES INLET SIZES METALS MIN. TEMP °F (°C) MAX. TEMP °F (°C) MAX PRESSURE PSI (BAR) SERVICES CERTIFICATIONS

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<th>METALS</th>
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<th>MAX. TEMP °F (°C)</th>
<th>MAX PRESSURE PSI (BAR)</th>
<th>SERVICES</th>
<th>CERTIFICATIONS</th>
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<td>406° (206°)</td>
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<td>Stainless/Bronze</td>
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<td>1500 (103.4)</td>
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<td>Stainless/Carbon</td>
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<td>1500 (103.4)</td>
<td>Air / Gas / Steam / Liquid</td>
<td>ASME VIII, CE, CRN</td>
</tr>
<tr>
<td>743</td>
<td>1/2” to 3”</td>
<td>Stainless</td>
<td>-320° (-196°)</td>
<td>800° (427°)</td>
<td>1500 (103.4)</td>
<td>Air / Gas / Steam / Liquid</td>
<td>ASME VIII, CE, CRN</td>
</tr>
</tbody>
</table>

1) Maximum set pressure for steam service is 300 PSI (20.7 Bar)
2) Maximum set pressure for steam on Series 740 is 250 PSI (17.2 Bar)
3) Maximum temperatures depend upon seating material.
4) Contact Aquatrol for temps over 425°F (218°C)

Visit us at www.Aquatrol.com
## OPEN LIFT LEVER - STANDARD

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Materials</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Handle</td>
<td>C1018/Plated / C1018/Plated / C1018/Plated</td>
</tr>
<tr>
<td>2</td>
<td>Hood</td>
<td>Anodized Alum. / Anodized Alum. / Anodized Alum.</td>
</tr>
<tr>
<td>3</td>
<td>Lifter Nut</td>
<td>B16 Brass / SA479-316 SS / SA479-316 SS</td>
</tr>
<tr>
<td>4</td>
<td>Jam Nut</td>
<td>18-8 Stainless / 18-8 Stainless / 18-8 Stainless</td>
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<tr>
<td>5</td>
<td>Lift Lever Pin</td>
<td>B16 Brass / SA479-316 SS / SA479-316 SS</td>
</tr>
<tr>
<td>6</td>
<td>Spring</td>
<td>Optional Stainless Anti-Vibration Spring</td>
</tr>
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## PACKED LIFT LEVER - OPTION

<table>
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<tr>
<th>Item</th>
<th>Description</th>
<th>Materials</th>
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<tbody>
<tr>
<td>1</td>
<td>Handle</td>
<td>B16 Brass / B16 Brass/Plated / B16 Brass/Plated</td>
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<tr>
<td>2</td>
<td>Handle Screw</td>
<td>Steel/Plated / Steel/Plated / Steel/Plated</td>
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<tr>
<td>3</td>
<td>Cam</td>
<td>B16 Brass / SA479-316 SS / SA479-316 SS</td>
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<td>4</td>
<td>Retaining Ring</td>
<td>Steel/Plated / 17-7 SS / 17-7 SS</td>
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<td>O-Rings</td>
<td>Viton / Viton / Viton</td>
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<td>6</td>
<td>Cam Nut</td>
<td>B16 Brass / SA479-316 SS / SA479-316 SS</td>
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<td>7</td>
<td>O-Ring</td>
<td>PTFE / PTFE / PTFE</td>
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<tr>
<td>8</td>
<td>Hood</td>
<td>B16 Brass / SA108-C1018 / SA479-316 SS</td>
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<td>9</td>
<td>Jam Nut</td>
<td>18-8 Stainless / 18-8 Stainless / 18-8 Stainless</td>
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<td>Lifter Nut</td>
<td>B16 Brass / SA479-316 SS / SA479-316 SS</td>
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<td>11</td>
<td>Hood Seal</td>
<td>PTFE / PTFE / PTFE</td>
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<td>12</td>
<td>Plug</td>
<td>18-8 Stainless</td>
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<tr>
<td>13</td>
<td>Seal</td>
<td>PTFE</td>
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<tr>
<td>14</td>
<td>Gag Screw</td>
<td>18-8 Stainless</td>
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12,13,14 are part of the additional Gag Screw option

### Inlet Options:

- BSPP
- NPT - BSPT
- NPT - BSPT
- Tri-Clamp

Unless otherwise specified, all valves will be shipped with the standard open lift lever option.

Lifting Device as required by the ASME, ASME Section VIII: UG136(3).

Each pressure relief valve on air, water at the valve inlet that exceeds 140°F (60°C), excluding over-pressure or relief events, or steam service shall have a substantial lifting device which when activated will release the seating force on the disc when the pressure relief valve is subjected to a pressure of at least 75% of the set pressure of the valve.
### SERIES 740 THRU 743 - THREAD INLET - PART NUMBERS

<table>
<thead>
<tr>
<th>Series</th>
<th>Description</th>
<th>Orifice/Size ID</th>
<th>Connection</th>
<th>Seating</th>
<th>Cap</th>
<th>Service</th>
<th>Options</th>
<th>Set</th>
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</thead>
<tbody>
<tr>
<td>740</td>
<td>Brass/Bronze</td>
<td>DC- 1/2” x 3/4”</td>
<td>1- NPT MxF</td>
<td>M-Metal</td>
<td>K-Lift lever</td>
<td>KASME VIII-Air/gas</td>
<td>1- None</td>
<td>Ex.125</td>
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<tr>
<td>741</td>
<td>316 SS / Bronze</td>
<td>DD- 1/2” x 1”</td>
<td>2- NPT FxF</td>
<td>P-PTFE</td>
<td>L-Closed cap</td>
<td>LASME VIII-Steam</td>
<td>2-Chrome Plating</td>
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<tr>
<td>742</td>
<td>316 SS / Carbon</td>
<td>DE- 3/4” x 1”</td>
<td>3- BSPT MxF</td>
<td>B-Buna</td>
<td>J-Packed lift lever</td>
<td>JASME VIII-Liquid</td>
<td>3-O2 Cleaned</td>
<td></td>
</tr>
<tr>
<td>743</td>
<td>316 SS / 316 SS</td>
<td>DF- 3/4” x 1”</td>
<td>4- BSPT FxF</td>
<td>V-Viton</td>
<td>4-Lift Lever with Anti-Vibe Spring</td>
<td>4-API Seating</td>
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<td></td>
</tr>
<tr>
<td>744</td>
<td>Monel / Bronze</td>
<td>DG- 1” x 1”</td>
<td>5- BSPP MxF</td>
<td>E-EPDM</td>
<td>5-Closed Cap with Test Gag</td>
<td>5-O2 Clean / Chrome</td>
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<td></td>
</tr>
<tr>
<td>745</td>
<td>Monel / Carbon</td>
<td>EA- 1/2” x 1”</td>
<td>6- BSPP FxF</td>
<td>K-Kalrez</td>
<td>6-Packed Lever with Test Gag</td>
<td>6-O2 Clean / Chrome</td>
<td></td>
<td></td>
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</tbody>
</table>
| 746    | Monel / 316 SS | EB- 1/2” x 1-1/4” | 7- | 7- | 7-
| 747*   | LF / LF | EC- 3/4” x 1” | 8- | 8- | 8-
| 748*   | 316 SS / LF | ED- 3/4” x 1-1/4” | 9- | 9- | 9-

* - Non-Code

Note:
This chart is for threaded inlets only.

### SERIES 740 THRU 743 - TRI-CLAMP INLET - PART NUMBERS

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<th>Description</th>
<th>Orifice/Size ID</th>
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<th>Cap</th>
<th>Service</th>
<th>Options</th>
<th>Set</th>
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<tr>
<td>741</td>
<td>316 SS/Bronze</td>
<td>DE- 3/4” x 3/4”</td>
<td>1- Tri-clamp x NPT</td>
<td>M-Metal</td>
<td>K-Lift lever</td>
<td>KASME VIII-Air/gas</td>
<td>1- None</td>
<td>Ex.125</td>
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<tr>
<td>742</td>
<td>316 SS/Carbon</td>
<td>DF- 3/4” x 1”</td>
<td>2- Tri-clamp x BSPT</td>
<td>P-PTFE</td>
<td>L-Closed cap</td>
<td>LASME VIII-Steam</td>
<td>2-Chrome Plating</td>
<td></td>
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<tr>
<td>743</td>
<td>316 Stainless</td>
<td>DG- 1” x 3/4”</td>
<td>3-</td>
<td>B-Buna</td>
<td>J-Packed lift lever</td>
<td>JASME VIII-Liquid</td>
<td>3-O2 Cleaned</td>
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<tr>
<td></td>
<td></td>
<td>EC- 3/4” x 1”</td>
<td>4-</td>
<td>V-Viton</td>
<td>4-Lift Lever with Anti-Vibe Spring</td>
<td>4-API Seating</td>
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<td></td>
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<tr>
<td>741*</td>
<td>LF / LF</td>
<td>ED- 3/4” x 1-1/4”</td>
<td>5-</td>
<td>E-EPDM</td>
<td>5-Closed Cap with Test Gag</td>
<td>5-O2 Clean / Chrome</td>
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<td></td>
</tr>
<tr>
<td>742*</td>
<td>316 SS / LF</td>
<td>FG- 1” x 1”</td>
<td>6-</td>
<td>K-Kalrez</td>
<td>6-Packed Lever with Test Gag</td>
<td>6-O2 Clean / Chrome</td>
<td></td>
<td></td>
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* - Non-Code

Note:
This chart is for Tri-Clamp inlets only.
SERIES 742-743 FLANGE OPTIONS

SERIES 742 / 743 FLANGE OPTION

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<thead>
<tr>
<th>#</th>
<th>Description</th>
<th>Materials</th>
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<tr>
<td>1</td>
<td>Lap Joint Nozzle</td>
<td>SA479-316 SS</td>
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<td>28</td>
<td>Outlet Fitting</td>
<td>SA479-316 SS</td>
</tr>
<tr>
<td>29</td>
<td>Lap Joint Flange</td>
<td>CS A-105</td>
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<tr>
<td>30</td>
<td>Lap Joint Flange</td>
<td>A182-F316</td>
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See page 4 for basic cutaway view
Options Note: B + C dimensions are customizable

SERIES 742 AND 743 LAP JOINT FLANGE

<table>
<thead>
<tr>
<th>Orifice</th>
<th>Flow Area</th>
<th>Inlet</th>
<th>Outlet</th>
<th>DN</th>
<th>I.D.</th>
<th>Overall Height (A)</th>
<th>Center to Face</th>
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</thead>
<tbody>
<tr>
<td>D</td>
<td>.125</td>
<td>1/2&quot;</td>
<td>1&quot;</td>
<td>15</td>
<td>D</td>
<td>9-5/8&quot; (244)</td>
<td>6-1/4&quot; (158)</td>
</tr>
<tr>
<td>D</td>
<td>.125</td>
<td>3/4&quot;</td>
<td>1&quot;</td>
<td>20</td>
<td>F</td>
<td>9-5/8&quot; (244)</td>
<td>6-1/4&quot; (158)</td>
</tr>
<tr>
<td>D</td>
<td>.125</td>
<td>1&quot;</td>
<td>1&quot;</td>
<td>25</td>
<td>G</td>
<td>11-1/2&quot; (292)</td>
<td>6-1/2&quot; (158)</td>
</tr>
<tr>
<td>E</td>
<td>.217</td>
<td>3/4&quot;</td>
<td>1&quot;</td>
<td>20</td>
<td>C</td>
<td>10-1/4&quot; (260)</td>
<td>4-1/4&quot; (108)</td>
</tr>
<tr>
<td>E</td>
<td>.217</td>
<td>1-1/4&quot;</td>
<td>1-1/4&quot;</td>
<td>25</td>
<td>F</td>
<td>10-1/4&quot; (260)</td>
<td>4-1/4&quot; (108)</td>
</tr>
<tr>
<td>F</td>
<td>.353</td>
<td>1&quot;</td>
<td>1-1/2&quot;</td>
<td>25</td>
<td>F</td>
<td>11&quot; (279)</td>
<td>4-5/8&quot; (117)</td>
</tr>
<tr>
<td>F</td>
<td>.353</td>
<td>1-1/2&quot;</td>
<td>1-1/2&quot;</td>
<td>40</td>
<td>G</td>
<td>11&quot; (279)</td>
<td>4-5/8&quot; (117)</td>
</tr>
<tr>
<td>G</td>
<td>.554</td>
<td>1-1/4&quot;</td>
<td>2&quot;</td>
<td>32</td>
<td>G</td>
<td>12-3/8&quot; (314)</td>
<td>5-5/8&quot; (131)</td>
</tr>
<tr>
<td>G</td>
<td>.554</td>
<td>1-1/2&quot;</td>
<td>2&quot;</td>
<td>40</td>
<td>H</td>
<td>12-3/8&quot; (314)</td>
<td>5-5/8&quot; (131)</td>
</tr>
<tr>
<td>G</td>
<td>.554</td>
<td>2&quot;</td>
<td>2&quot;</td>
<td>50</td>
<td>F</td>
<td>14&quot; (356)</td>
<td>7-1/8&quot; (181)</td>
</tr>
<tr>
<td>H</td>
<td>.923</td>
<td>1-1/2&quot;</td>
<td>2-1/2&quot;</td>
<td>40</td>
<td>H</td>
<td>14&quot; (356)</td>
<td>5-7/8&quot; (149)</td>
</tr>
<tr>
<td>J</td>
<td>1.418</td>
<td>2&quot;</td>
<td>3&quot;</td>
<td>50</td>
<td>J</td>
<td>15-5/8&quot; (422)</td>
<td>6-1/2&quot; (165)</td>
</tr>
</tbody>
</table>

Dimensions – In. (mm)

<table>
<thead>
<tr>
<th>Overall Height (A)</th>
<th>Lift Lever</th>
<th>Center to Face</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-5/8&quot; (244)</td>
<td>10-1/4&quot; (260)</td>
<td>6-1/4&quot; (158)</td>
</tr>
<tr>
<td>9-5/8&quot; (244)</td>
<td>10-1/4&quot; (260)</td>
<td>6-1/4&quot; (158)</td>
</tr>
<tr>
<td>11-1/2&quot; (292)</td>
<td>12-1/8&quot; (309)</td>
<td>6-1/2&quot; (158)</td>
</tr>
<tr>
<td>10-1/4&quot; (260)</td>
<td>10-7/8&quot; (276)</td>
<td>4-1/4&quot; (108)</td>
</tr>
<tr>
<td>10-1/4&quot; (260)</td>
<td>10-7/8&quot; (276)</td>
<td>4-1/4&quot; (108)</td>
</tr>
<tr>
<td>11&quot; (279)</td>
<td>11-5/8&quot; (295)</td>
<td>4-5/8&quot; (117)</td>
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<td>11&quot; (279)</td>
<td>11-5/8&quot; (295)</td>
<td>4-5/8&quot; (117)</td>
</tr>
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<td>12-3/8&quot; (314)</td>
<td>13&quot; (330)</td>
<td>5-5/8&quot; (131)</td>
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<tr>
<td>12-3/8&quot; (314)</td>
<td>13&quot; (330)</td>
<td>5-5/8&quot; (131)</td>
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<td>14&quot; (356)</td>
<td>14-1/2&quot; (368)</td>
<td>7-1/8&quot; (181)</td>
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<td>14-5/8&quot; (371)</td>
<td>5-7/8&quot; (149)</td>
<td>5-3/8&quot; (137)</td>
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<td>16-5/8&quot; (422)</td>
<td>17-1/8&quot; (435)</td>
<td>6-1/2&quot; (165)</td>
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<td>17-1/8&quot; (435)</td>
<td>16-5/8&quot; (422)</td>
<td>6&quot; (152)</td>
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SERIES 742 AND 743 - LAP JOINT FLANGE - PART NUMBERS

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<th>742</th>
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<th>A</th>
<th>V</th>
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<tbody>
<tr>
<td>742</td>
<td>DD</td>
<td>DC</td>
<td>A-150# x 150#</td>
<td>M</td>
<td>Metal</td>
<td>1- Lift lever</td>
<td>K-ASME VIII-Air/gas</td>
</tr>
<tr>
<td>743</td>
<td>FF</td>
<td>FG</td>
<td>F-300# x FNPT</td>
<td>P</td>
<td>PTFE</td>
<td>2- Closed cap</td>
<td>L-ASME VIII-Steam</td>
</tr>
<tr>
<td>745</td>
<td>G</td>
<td>HH</td>
<td>G-600# x FNPT</td>
<td>E</td>
<td>Buna</td>
<td>4- Lift Lever with Anti-Vibe Spring</td>
<td>J-ASME VIII-Liquid</td>
</tr>
<tr>
<td>746</td>
<td>FG</td>
<td>HH</td>
<td>G-900# x FNPT</td>
<td>F</td>
<td>EPDM</td>
<td>5- Closed Cap with Test Gag</td>
<td>P-CE-Air/gas</td>
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<td>FF</td>
<td>HH</td>
<td>H-900# x FNPT</td>
<td>K</td>
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<td>6- Packed Lever with Test Gag</td>
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<td>U</td>
<td>Non-code Liquid</td>
<td>8- API/Chrome</td>
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<td>HF</td>
<td>HH</td>
<td>G-1-1/2&quot; x 2-1/2&quot;</td>
<td>V</td>
<td>9- Inconel Spring</td>
<td>9- API/Chrome</td>
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</tbody>
</table>

Options

1- None
2- Chrome Plated
3- O2 Cleaned
4- API Seating
5- O2 / API
6- O2 / Chrome
7- O2 / API / Chrome
8- API / Chrome
9- Inconel Spring

Other sizes and options available - Contact us for details
### SERIES 740 THRU 743 CAPACITIES

**LIQUID GPM - ASME SECTION VIII**

<table>
<thead>
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<th>Set PSI</th>
<th>“D”</th>
<th>“E”</th>
<th>“F”</th>
<th>“G”</th>
<th>“H”</th>
<th>“J”</th>
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**Orifice area in²** Flow Coefficient = .791

Visit us at www.Aquatrol.com
### AIR CAPACITY

#### SERIES 740 THRU 743 CAPACITIES

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Capacities are at 3 PSI or 10% (whichever is greater) over set pressure.
Set pressures below 15 PSI (1.03 Bar) are NON-Code.
Maximum back-pressure is 10% of set pressure or 50 PSI (3.45 Bar) whichever is less.

Lifting Device as required by the ASME, ASME Section VIII: UG136(3)
Each pressure relief valve on air, water at the valve inlet that exceeds 140°F (60°C), excluding over-pressure or relief events, or steam service shall have a substantial lifting device which when activated will release the seating force on the disc when the pressure relief valve is subjected to a pressure of at least 75% of the set pressure of the valve.

---

10 Aquatrol • Safety Relief Valves
### SERIES 740 THRU 743 CAPACITIES
#### STEAM LBS/HR - ASME SECTION VIII

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Capacities are at 3 PSI or 10% (whichever is greater) over set pressure
Set pressures below 15 PSI (1.03 Bar) are NON-Code.
Maximum back-pressure is 10% of set pressure or 50 PSI (3.45 Bar)
whichever is less.
Series 740 Maximum set pressure on steam is 250 P.S.I. (17.2 Bar)

Lifting Device as required by the ASME,
ASME Section VIII: UG136(3)
Each pressure relief valve on air, water at the valve inlet that exceeds 140°F
(60°C), excluding over-pressure or relief events, or steam service shall have
a substantial lifting device which when activated will release the seating force
on the disc when the pressure relief valve is subjected to a pressure of
at least 75% of the set pressure of the valve.

Visit us at www.Aquatrol.com
SERIES 560 / 570 SAFETY VALVES

Our 560 / 570 valve line is a high capacity safety valve used for boilers, piping lines and vessel protection. Designed and engineered for heavy-duty industrial use. ASME and National Board Certified for Section I and VIII as well as CE and CRN Certifications.

SERIES 560
Use for ASME Section I applications. Boilers, or most areas where steam safety valves are required. Set pressure up to 250 PSI (17.2 Bar)

SERIES 563
Same as Series 560 except with Stainless Steel wetted trimming (Nozzle and Disc), Set pressure up to 300 PSI (20.7 Bar)

SERIES 570
ASME Section VIII, CE, CRN certified for unfired vessel protection. Used for many applications to protect or relieve pressure for Air / Gas or Steam. Set pressures: Air up to 300 PSI (20.7 Bar), Steam to 250 PSI (17.2 Bar).

SERIES 573
Same as Series 570 except with Stainless Steel wetted trimming (Nozzle and Disc), Set pressure for air and steam up to 300 PSI (20.7 Bar)

Usages:
Steam Boilers, Air Compressors, Dryers, Receivers, Pressure Vessels, Piping Systems, Accumulators, Reducing Stations, Tanks, Inter/After Coolers, Cooking Equipment, Autoclaves, Sterilizers or wherever higher capacity pressure protection or relief may be required.

Features:
- Designed for durability
- 6 orifices – 12 sizes of piping options
- Top guided seating and discharge
- Full nozzle, high capacity levels
- Short, tuned blow-down with dual-ring technology
- Heavy duty hood and lever mechanism
- Standard 17-7 stainless steel springs

Options:
- O-ring seating options (see charts)
- Packed lift lever
- Stainless steel trimming package, nozzle, disc (all sizes)
- Bubble tight seating options
- Anti-vibration spring for lift lever
- BSPT pipe threading
SERIES 560 / 570 / 563 / 573

Orifice Flow Area In² (mm²) Inlet Outlet DN Size I.D. Dimensions – In. (mm) Weight Lbs. (Kg)

D .125 (80.6) 1/2" 3/4" 15 C 7-1/4" (184) 2-1/2" (64) 1-1/2" (38) 2.5 (1.1)
D .125 (80.6) 3/4" 3/4" 20 D 7-1/4" (184) 2-1/2" (64) 1-1/2" (38) 2.5 (1.1)
E .221 (142.6) 3/4" 1" 20 D 7-5/8" (194) 2-1/2" (64) 1-5/8" (41) 3 (1.4)
E .221 (142.6) 1" 1" 25 E 7-5/8" (194) 2-1/2" (64) 1-5/8" (41) 3 (1.4)
F .352 (227.1) 1" 1-1/4" 25 E 8-7/8" (225) 2-7/8" (73) 1-3/4" (44) 4 (1.8)
F .352 (227.1) 1-1/4" 1-1/4" 32 E 8-7/8" (225) 2-7/8" (73) 1-3/4" (44) 4 (1.8)
G .567 (365.8) 1-1/4" 1-1/2" 32 F 9-1/2" (241) 3-1/4" (83) 2-1/4" (57) 6 (2.7)
G .567 (365.8) 1-1/2" 1-1/2" 40 F 9-5/8" (244) 3-1/4" (83) 2-1/4" (57) 6 (2.7)
H .899 (580.0) 1-1/2" Z" 40 G 11" (279) 3-5/8" (92) 2-1/2" (64) 10 (4.5)
H .899 (580.0) Z" Z" 50 H 11" (279) 3-5/8" (92) 2-1/2" (64) 10 (4.5)
J 1.463 (943.9) 2" 2-1/2" 50 H 12-5/8" (321) 4" (102) 3-1/8" (79) 15 (6.8)
J 1.463 (943.9) 2-1/2" 2-1/2" 65 J 12-5/8" (321) 4" (102) 3-1/8" (79) 15 (6.8)

SERIES 560-563-570-573

Visit us at www.Aquatrol.com
SEATING MATERIALS

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<th>Material</th>
<th>Names</th>
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<td>Aromatic Hydrocarbons, Chlorinated Hydrocarbons, Polar Solvents (ketones, esters, ethers), Inorganic and Organic Acids, Water, and Steam (Steam service up to 380°F (193°C) saturated)</td>
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<td>Cryogenic Service including Argon, Carbon Dioxide, Helium, Hydrogen, Nitrogen, Oxygen, Steam</td>
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Note:
This is just a partial listing.
Visit www.aquatrol.com for links to websites with more specific applications.

SOFT SEAT OPTION

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Note:
Tri-Clamp connections are Series 563 / 573 Only.
1/2" and 1-1/4" inlet not available in Tri-Clamp.
Sizes DH - DJ - EJ - FG are Tri-Clamp only.
### SERIES 560 / 563 CAPACITIES

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#### Capacities are at 2 PSI or 3% (whichever is greater) over set pressure

Set pressures below 15 PSI (1.03 Bar) are NON-Code.

Section I Lift levers can not be omitted.

Set pressure above 250 PSI (17.2 Bar) are Series 563 Only

Lifting Device as required by the ASME:

ASME Section I - PG-73.2.4

Each safety valve shall have a substantial lifting device, which when activated will release the seating force on the disc when the valve is subjected to a pressure of at least 75% of the set pressure.
16 Aquatrol • Safety Relief Valves

**SECTION VIII STEAM CAPACITY**

**SERIES 570 / 573 CAPACITIES**

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Capacities are at 3 PSI or 10% (whichever is greater) over set pressure
Set pressures below 15 PSI (1.03 Bar) are NON-Code.
Set pressures above 250 are Series 573 Only

Lifting Device as required by the ASME, Section VIII: UG136(3)
Each pressure relief valve on air, water at the valve inlet that exceeds 140°F (60°C),
excluding over-pressure or relief events, or steam service shall have a substantial lifting
device which when activated will release the seating force on the disc when the
pressure relief valve is subjected to a pressure of at least 75% of the set pressure of the valve.
### SERIES 570 / 573 CAPACITIES
**AIR SCFM - ASME SECTION VIII**

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Capacities are at 3 PSI or 10% (whichever is greater) over set pressure
Set pressures below 15 PSI (1.03 Bar) are NON-Code.

Lifting Device as required by the ASME,
ASME Section VIII: UG136(3)
Each pressure relief valve on air, water at the valve inlet that exceeds 140°F (60°C),
excluding over-pressure or relief events, or steam service shall have a substantial lifting
device which when activated will release the seating force on the disc when the
pressure relief valve is subjected to a pressure of at least 75% of the set pressure of
the valve.
Series 69

The Aquatrol Series 69 is an industry standard relief valve used for liquid relief and by-pass. Engineered and designed for heavy duty, industrial and commercial usages. A single piece bonnet to eliminate leakage while allowing for simple cleaning. Easy removable sealed hex-cap to adjust pressure.

Valves are calibrated (set to pressure) based on a range of flow-rates (GPM) versus seat size and set pressure. Standard valve is set to pressure to achieve flow rate maximum and minimums within each set pressure range. See capacity chart for details.

Usages: Include liquid by-pass, regulation, continuous relief and over-protection. Used on pumping stations, tanks, hydraulics, fluid / piping lines, oil fields, gas lines and more where a Liquid or Water Relief Valve is needed.

Features:
- Field adjustable by simple removal of the hex-cap
- Metal to metal precision lapped seating
- Back pressure tested
- Ease of cleaning and maintenance with simple bonnet removal.
- Stainless steel springs
- Single piece - 100% leak free bonnet

Options:
- BSPT connections
- Female inlet
- Viton embedded o-ring at hex cap
- Packed lift lever
- Wide range WR adjustable (150 PSI increments)
- Stainless steel body and disk
- Low Lead Configurations (for a potable Water Relief Valve)
- PTFE Seating
- Tamper proof wire seal
- O2 Cleaning

Wide Range:
Series 69 is available with a wider adjustable range (as an option). Valves are set to the mid-level pressure (or as specified). Typical wide-range is 150 PSI increments. Note: Flow rates are not showing.

Series 51 - 55
Series 51 liquid valves are smaller with a maximum pressure of 750 P.S.I.
Series 55 are small compact (liquid) water relief valves with a maximum pressure of 200 P.S.I.
### SERIES 69

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1. Same Size as Inlet
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4. No Lead Nozzle-Disc-Bonnet

### SERIES 69 LIQUID CAPACITY

**GPM AT 25% OVER SET PRESSURE**

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**SERIES 69 LIQUID CAPACITY**

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PACKED LIFT LEVER OPTION

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SERIES 51 AND 55 GPM @ 25% OVER SET PRESSURE

| PSI | 10 | 20 | 30 | 40 | 50 | 75 | 100 | 150 | 200 | 300 | 400 | 500 | 600 | 750 |
|-----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| GPM | 3.3 | 4.6 | 5.7 | 6.5 | 7.3 | 8.9 | 10 | 13 | 14 | 18 | 21 | 23 | 25 | 28 |

SERIES 51 AND 55 GPM @ 25% OVER SET PRESSURE

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Visit us at www.Aquatrol.com
SERIES 88 / 89 SAFETY VALVES

SERIES 88 / 89

Series 88 and 89 are multiple purpose safety valves for air / gas protection. Designed for durability, yet an economical choice for safety and relief applications. Choose for a variety of applications where mid-level capacity is required. ASME and National Board Certified for Section VIII as well as CRN Certifications.

Usages: Over pressure protection on Pressure vessels, Piping systems, Tanks, Compressors, Dryers, Inter and After-coolers

Features:
- Precision lapped metal to metal seating
- Stainless steel springs
- Ruggedly constructed
- Closed seal hex cap or lift lever options
- Wide variety of inlet and outlet options
- Disk-guided seat provides quick, accurate and excellent re-seating
- Maximum temperature 406°F (208°C)

Options:
- Stainless steel body and disk
- Chrome plating
- Viton embedded o-ring at hex cap
- Packed lift lever
- Low Lead Configurations
- PTFE Seating
- Oxygen cleaning
- BSPT connections

Cryogenic:
- Standard with PTFE seating
- O2 Cleaned and bagged
### SERIES 88 / 89

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<thead>
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<tr>
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<td>Disc</td>
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*"G" and "H" are Non-Code*
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### SERIES 88 / 89 PART NUMBERS

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<td>240</td>
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<td>250</td>
<td>187</td>
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</table>

Capacities are at 3 PSI or 10% (whichever is greater) over set pressure

*2-1/2" ("G") and 3" ("H") sizes are NON-Code

Set pressures below 15 PSI (1.03 Bar) are NON-Code.

Maximum back-pressure is 10% of set pressure or 50 PSI (3.45 Bar) whichever is less.

Lifting Device as required by the ASME,
ASME Section VIII: UG136(3)
Each pressure relief valve on air, water at the valve inlet that exceeds 140°F (60°C), excluding over-pressure or relief events, or steam service shall have a substantial lifting device which when activated will release the seating force on the disc when the pressure relief valve is subjected to a pressure of at least 75% of the set pressure of the valve.

Visit us at www.Aquatrol.com 25
Series 120 - 126

Our Series 120 air/gas and steam safety valve is designed for safety and pressure relief for light and medium capacity applications where a smaller sized valve is needed. The series 120 valves have a higher capacity than our Series 130. Many are manufactured to meet specific field and OEM applications.

ASME and National Board Certified for Section VIII as well as CRN Certifications.

Usages: High quality smaller valve, Compressors, Receivers, Gas lines, Steam lines, Air and Gas receivers, Piping system/tanks, Steam cleaners, sterilizers, Autoclaves

Features:
- Fixed blow-down
- Brass/bronze construction
- Metal-to-metal seating
- Rugged, yet economical
- Stainless steel springs
- Factory set and sealed
- Excellent seat tightness
- Maximum temperature 406°F (208°C)

Options:
- Stainless body and disk
- Polishing and chrome plating
- Oxygen cleaning
- Variety of inlets/outlets and lift levers or pull ring
- Many configurations (not shown)
- Oxygen cleaning
- BSPT connections

Set pressures below 15 PSI (1.03 Bar) and above 200 PSI (13.8 bar) are NON-Code.

Maximum back-pressure is 10% of set pressure or 50 PSI (3.45 Bar) whichever is less.

Lifting Device as required by the ASME,
ASME Section VIII: UG136(3)
Each pressure relief valve on air, water at the valve inlet that exceeds 140°F (60°C), excluding over-pressure or relief events, or steam service shall have a substantial lifting device which when activated will release the seating force on the disc when the pressure relief valve is subjected to a pressure of at least 75% of the set pressure of the valve.

CRN
### SERIES 120 THRU 126 PART NUMBERS

<p>| | | | | | | | | | | |</p>
<table>
<thead>
<tr>
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<tr>
<td><strong>121</strong></td>
<td><strong>B</strong></td>
<td><strong>A</strong></td>
<td><strong>1</strong></td>
<td><strong>M</strong></td>
<td><strong>1</strong></td>
<td><strong>K</strong></td>
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<td>Series/Description</td>
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<td>Connection</td>
<td>Seating</td>
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<td>Service</td>
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<tr>
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<td>B- Brass</td>
<td>1- NPT MxF</td>
<td>- Lift lever</td>
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<td>B- 3/4&quot; x 3/4&quot;</td>
<td>C- 1&quot; x 3/4&quot;</td>
<td>D- 1&quot; x 1&quot;</td>
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<td>1-</td>
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<td>Hood and Lift Lever</td>
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<td>125 Side Outlet w/Lift Lever</td>
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<td>B- 3/4&quot;</td>
<td>C- 1&quot;</td>
<td>D- 1&quot;</td>
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* Inlet/Outlet ‘D’ are non-code valves

### SERIES 120 THRU 126

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<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Brass Option</th>
<th>Stainless Option</th>
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<tbody>
<tr>
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<td>Body</td>
<td>B16</td>
<td>316 Stainless</td>
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<td>Disc</td>
<td>Bronze</td>
<td>316 Stainless</td>
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<tr>
<td>3</td>
<td>Seal Wire</td>
<td>Steel/Lead</td>
<td>Steel/Lead</td>
</tr>
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<td>5</td>
<td>Bonnet</td>
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<td>Spring Plate</td>
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<td>8</td>
<td>Lift Lever</td>
<td>Plated Steel</td>
<td>Plated Steel</td>
</tr>
<tr>
<td>9</td>
<td>Spring</td>
<td>Stainless</td>
<td>Stainless</td>
</tr>
<tr>
<td>10</td>
<td>Spring Post</td>
<td>B16</td>
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<td>11</td>
<td>Nameplate</td>
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<td>Hood</td>
<td>Bronze</td>
<td>Bronze</td>
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<tr>
<td>14</td>
<td>Lever Pin</td>
<td>B16</td>
<td>B16</td>
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<tr>
<td>15</td>
<td>Hood Mount</td>
<td>Stainless</td>
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<tr>
<td>16</td>
<td>Hood</td>
<td>Stainless</td>
<td>Stainless</td>
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<tr>
<td>17</td>
<td>Lever Pin</td>
<td>B16</td>
<td>B16</td>
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<tr>
<td>18</td>
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### SERIES 120 CAPACITY AIR - SCFM

<table>
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<th>Set PSI</th>
<th>10</th>
<th>15</th>
<th>20</th>
<th>25</th>
<th>40</th>
<th>50</th>
<th>75</th>
<th>100</th>
<th>125</th>
<th>150</th>
<th>175</th>
<th>200</th>
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<tbody>
<tr>
<td>SCFM</td>
<td>29</td>
<td>34</td>
<td>39</td>
<td>44</td>
<td>61</td>
<td>72</td>
<td>101</td>
<td>129</td>
<td>158</td>
<td>186</td>
<td>215</td>
<td>243</td>
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</table>

### SERIES 120 CAPACITY STEAM - Lbs/hr

<table>
<thead>
<tr>
<th>Set PSI</th>
<th>10</th>
<th>15</th>
<th>20</th>
<th>25</th>
<th>40</th>
<th>50</th>
<th>75</th>
<th>100</th>
<th>125</th>
<th>150</th>
<th>175</th>
<th>200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lbs/hr</td>
<td>81</td>
<td>95</td>
<td>110</td>
<td>124</td>
<td>171</td>
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<td>283</td>
<td>363</td>
<td>443</td>
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<td>683</td>
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Capacities are at 3 PSI or 10% (whichever is greater) over set pressure

### SERIES 120 THRU 126

<table>
<thead>
<tr>
<th>Series</th>
<th>Inlet</th>
<th>Outlet</th>
<th>Seat</th>
<th>Dimensions A</th>
<th>B</th>
<th>C</th>
<th>Max. Set PSI (Barg)</th>
<th>Weight Lbs (Kg)</th>
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</thead>
<tbody>
<tr>
<td>120</td>
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<td>Top</td>
<td>3-1/2&quot;</td>
<td>3-3/4&quot;</td>
<td>-</td>
<td>1/2&quot; (38)</td>
<td>0.5 (0.2)</td>
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<tr>
<td>120*</td>
<td>1/2&quot;-3/4&quot;-1&quot;</td>
<td>Top</td>
<td>Top</td>
<td>3-1/2&quot;</td>
<td>3-3/4&quot;</td>
<td>-</td>
<td>1/2&quot; (38)</td>
<td>0.5 (0.2)</td>
</tr>
<tr>
<td>121</td>
<td>1/2&quot;-3/4&quot;-1&quot;</td>
<td>Top</td>
<td>Top</td>
<td>4-1/4&quot;</td>
<td>4-1/2&quot;</td>
<td>-</td>
<td>1/2&quot; (35)</td>
<td>0.8 (0.3)</td>
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<tr>
<td>121*</td>
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<td>Top</td>
<td>4-1/4&quot;</td>
<td>4-1/2&quot;</td>
<td>-</td>
<td>1/2&quot; (35)</td>
<td>0.8 (0.3)</td>
</tr>
<tr>
<td>125</td>
<td>1/2&quot;-3/4&quot;-1&quot;</td>
<td>Top</td>
<td>Top</td>
<td>3-1/2&quot;</td>
<td>3-3/4&quot;</td>
<td>-</td>
<td>1-1/8&quot; (29)</td>
<td>0.5 (0.2)</td>
</tr>
<tr>
<td>125*</td>
<td>1/2&quot;-3/4&quot;-1&quot;</td>
<td>Top</td>
<td>Top</td>
<td>3-1/2&quot;</td>
<td>3-3/4&quot;</td>
<td>-</td>
<td>1-1/8&quot; (29)</td>
<td>0.5 (0.2)</td>
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<tr>
<td>126</td>
<td>1/2&quot;-3/4&quot;-1&quot;</td>
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<td>Top</td>
<td>4-1/8&quot;</td>
<td>4-1/2&quot;</td>
<td>-</td>
<td>1-3/8&quot; (35)</td>
<td>0.6 (0.3)</td>
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<tr>
<td>126*</td>
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<td>Top</td>
<td>4-1/8&quot;</td>
<td>4-1/2&quot;</td>
<td>-</td>
<td>1-3/8&quot; (35)</td>
<td>0.6 (0.3)</td>
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* 1" seat is non-code
SERIES 130 - 135

Our Series 130 air/gas and steam safety valves are designed for safety and pressure relief for light and medium capacity applications; where a smaller sized valve is needed. Many are manufactured to meet specific field and OEM applications. ASME and National Board Certified for Section VIII as well as CRN Certifications.

Usages: Compressors, Receivers, Gas lines, Steam lines, Air and Gas receivers, Piping system/tanks, Steam cleaners, sterilizers, Autoclaves

Features:
- Fixed blow-down
- Brass/bronze construction
- Metal-to-metal seating
- Rugged, yet economical
- Stainless steel springs
- Factory set and sealed
- Excellent seat tightness
- Maximum temperature 406°F (208°C)

Options:
- Stainless body and disk
- Polishing and chrome plating
- Oxygen cleaning
- Variety of inlets/outlets and lift levers or pull ring
- Oxygen cleaning
- BSPT connections

Set pressures below 15 PSI (1.03 Bar) and above 200 PSI (13.8 bar) are NON-Code.

Maximum back-pressure is 10% of set pressure or 50 PSI (3.45 Bar) whichever is less.

Lifting Device as required by the ASME, ASME Section VIII: UG136(3)

Each pressure relief valve on air, water at the valve inlet that exceeds 140°F (60°C), excluding over-pressure or relief events, or steam service shall have a substantial lifting device which when activated will release the seating force on the disc when the pressure relief valve is subjected to a pressure of at least 75% of the set pressure of the valve.
SERIES 130 THRU 135 PART NUMBERS

<table>
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<th>Item</th>
<th>Description</th>
<th>Brass Option</th>
<th>Stainless Option</th>
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<tbody>
<tr>
<td>1</td>
<td>Body</td>
<td>B16</td>
<td>316 Stainless</td>
</tr>
<tr>
<td>2</td>
<td>Disc</td>
<td>Bronze</td>
<td>316 Stainless</td>
</tr>
<tr>
<td>3</td>
<td>Seal Wire</td>
<td>Steel/Lead</td>
<td>Steel/Lead</td>
</tr>
<tr>
<td>4</td>
<td>Lock Screw</td>
<td>B16</td>
<td>B16</td>
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<tr>
<td>5</td>
<td>Bonnet</td>
<td>Bronze</td>
<td>Bronze</td>
</tr>
<tr>
<td>6</td>
<td>Support</td>
<td>Stainless</td>
<td>Stainless</td>
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<td>7</td>
<td>Spring Plate</td>
<td>Brass</td>
<td>Brass</td>
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<tr>
<td>8</td>
<td>Lift Lever</td>
<td>Plated Steel</td>
<td>Plated Steel</td>
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<tr>
<td>9</td>
<td>Spring</td>
<td>Stainless</td>
<td>Stainless</td>
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<td>10</td>
<td>Spring Post</td>
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<td>12</td>
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<td>Stainless</td>
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<td>Hood</td>
<td>Bronze</td>
<td>Bronze</td>
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<td>14</td>
<td>Lever Pin</td>
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<td>Hood Mount</td>
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<td>B16</td>
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<td>16</td>
<td>Pressure Screw</td>
<td>B16</td>
<td>B16</td>
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<td>17</td>
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SERIES 130 CAPACITY AIR - SCFM

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<td>75</td>
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<td>100</td>
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SERIES 130 CAPACITY STEAM - Lbs/hr

<table>
<thead>
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<tbody>
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<tr>
<td>175</td>
<td>234</td>
</tr>
<tr>
<td>200</td>
<td>265</td>
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</tbody>
</table>

Capacities are at 3 PSI or 10% (whichever is greater) over set pressure.

SERIES 130 THRU 135

Visit us at www.Aquatrol.com
SERIES 140 SAFETY VALVES

SERIES 140 - 143

The NEW Aquatrol Series 140 valve line is designed for air/gas safety. Compact in nature, yet rugged in all aspects of design and construction. The 140 series offers excellent fast acting reseating that minimizes loss of medium. High capacity flow rates. ASME and National Board Certified for Section VIII air and inert gases.

Usages:
- Compressors, Air and Gas receivers
- Gas lines, Steam lines
- Piping system/tanks
- Steam cleaners, Sterilizers, Autoclaves

Features:
- Precise / accurate set pressures
- Polished ball-seat in stainless steel
- Pressures to 450 PSI
- Fast acting fixed blowdown
- High flow capacity

Options:
- BSPT or BSPP Inlet connection
- Female connection
- Stainless Steel Construction
- Pull Ring or Lift Lever
- NEW - Viton seating

SERIES 140 - 141 - 143

<table>
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<th>Orifice</th>
<th>Slope</th>
<th>Inlet</th>
<th>“A” Dimension</th>
<th>Max. Set Pressure</th>
<th>140</th>
<th>141</th>
<th>143</th>
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<tbody>
<tr>
<td>“A” 0.924</td>
<td>0.28 x 1/4”</td>
<td>3/4”</td>
<td>3/8”</td>
<td>3-1/2”</td>
<td>0.50</td>
<td>450 P.S.I.</td>
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<td>1/2”</td>
<td>3/8”</td>
<td>3/8”</td>
<td>3-1/2”</td>
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</tr>
<tr>
<td>“B” 1.487</td>
<td>0.39 x 3/8”</td>
<td>3/4”</td>
<td>3/8”</td>
<td>3-7/8”</td>
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SERIES 140 - 141 - 143 CAPACITY AIR - SCFM

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<th>400</th>
<th>450</th>
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<td>54</td>
<td>75</td>
<td>95</td>
<td>115</td>
<td>217</td>
<td>319</td>
<td>420</td>
<td>471</td>
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<tr>
<td>“B” orifice SCFM</td>
<td>55</td>
<td>87</td>
<td>120</td>
<td>153</td>
<td>185</td>
<td>349</td>
<td>513</td>
<td>676</td>
<td>758</td>
</tr>
</tbody>
</table>

Capacities are at 3 PSI or 10% (whichever is greater) over set pressure.

SERIES 140 - 141 - 143 PART NUMBERS

<table>
<thead>
<tr>
<th>Series</th>
<th>Desc.</th>
<th>Orifice x Inlet</th>
<th>Connection</th>
<th>Seating</th>
<th>Cap</th>
<th>Service</th>
<th>Options</th>
<th>Set</th>
</tr>
</thead>
<tbody>
<tr>
<td>140</td>
<td>Brass</td>
<td>AA- 0.28 x 1/4”</td>
<td>NPT Male</td>
<td>M- Metal</td>
<td>1- Lift Lever</td>
<td>K- ASME VIII Air/gas</td>
<td>1- None</td>
<td>Ex.125</td>
</tr>
<tr>
<td>141</td>
<td>Stainless / Brass</td>
<td>AB- 0.26 x 3/8”</td>
<td>NPT Female</td>
<td>V- Viton</td>
<td>7- Pull Ring</td>
<td>N- Non-code Air/gas</td>
<td>3- O2 Cleaned</td>
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</tr>
<tr>
<td>143</td>
<td>Stainless</td>
<td>AC- 0.28 x 1/2”</td>
<td>BSPT Male</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>BB- 0.39 x 3/8”</td>
<td>BSPT Female</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>BC- 0.39 x 1/2”</td>
<td>BSPP Male</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>BD- 0.39 x 3/4”</td>
<td>BSPP Female</td>
<td></td>
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</tr>
</tbody>
</table>
ORDERING AND CUSTOMER SERVICE

All product has gone through a re-naming process over the past few years. Please refer to each valve line and its identification when ordering. Questions can be answered by contacting the Aquatrol ‘tech-reps’ by either phone or email at sales@aquatrol.com.

Your Aquatrol representatives have over 10 years in experience...helping customers with choosing the proper valve for each application. Engineers are also on staff to assist with sizing and special usage requirements. We welcome all calls.

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INDUSTRIES

Aquatrol’s valves are used in all environments intended to protect pressure and relief. Industry’s we service include the following:

- Compressed gas and air  - Food/Beverage
- Pharmaceutical  - Oil/Gas and Energy
- Chemical  - Construction
- Aerospace  - Mining and Marine
- Process  - Industrial

VISIT WWW.AQUATROL.COM:

For expanded information, engineering prints, CAD files, cut sheets, certificates, options, details and more.

CONTACT US AT:

1-800-323-0688 (USA)
630-365-5400 (INTERNATIONAL)
OR SALES@AQUATROL.COM

OUR GUARANTEE/WARRANTY

Unless otherwise agreed upon, all valves are guaranteed for a period of 1 year from The date of shipment and covers all parts and labor. Applies to valves installed in accordance with ASME and industry standards for sizing and usages. Go to www.aquatrol.com for full warranty information. All terms and conditions apply.

SAFETY AND PRECAUTIONS:

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FOB: Aquatrol, Inc – 600 E North St – Elburn, IL 60119 USA

Visit us at www.Aquatrol.com
ASME SAFETY & RELIEF VALVE MANUFACTURER SINCE 1947

ASME SECTION I AND VIII
SAFETY VALVE MANUFACTURER.
STEAM, AIR, GAS AND LIQUID.
PED/CE
CRN/ISO 9001/2015

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