SERIES 123 & 125 | MERCOID® BY DWYER

BOILER WATER LEVEL CONTROL
Heavy Duty, Cast Iron Chamber

The SERIES 123 & 125 Boiler Water Level Controls are designed for boiler applications, the Model 125 is primarily used for low water cut-off or feed-water control. The 125 offers the same long lasting service with a direct action mercury switch movement that provides a close deadband where needed.

FEATURES/BENEFITS
- Special snap action switch mechanism options eliminates frequent operation due to surging water level
- Transparent cover provides convenient visible operation of the switch
- Flanged chamber for easy clean out and replacement of float or switch mechanism without removing the unit from piping

APPLICATIONS
- Boiler low water cut-off
- Boiler feed-water control
- Condensate tanks
- Deaerators

MODEL CHART

<table>
<thead>
<tr>
<th>Model</th>
<th>Switch Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>123-153</td>
<td>SPDT mercury</td>
</tr>
<tr>
<td>123-7000-153</td>
<td>SPDT snap</td>
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</tbody>
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SERIES 102 & 1102 | MERCOID® BY DWYER

FLANGED CHAMBER TYPE LEVEL CONTROL
Operating Pressures to 300 PSIG

The SERIES 102 & 1102 Flanged Chamber Type Level Controls are external cage type level switches which are self-contained in a side mount body. The 102 series will operate to a minimum specific gravity of 0.60 and the 1102 series will operate to a specific gravity of 0.40. These series contain a stainless steel float and offer a choice of cast iron, cast steel, or cast 316 SS float chamber.

FEATURES/BENEFITS
- Unique design allows the simple removal of four bolts from the inspection plate to examine the float and chamber for cleaning or wear without disconnecting the piping or electrical circuitry
- Electrical enclosures provide general purpose, weatherproof, explosion-proof or explosion-proof/vapor proof capability as well as cost effective cast 316SS float chamber option
- Electrical circuits using hermetically sealed snap action or mercury contacts are available in a variety of actions including SPST, SPDT, DPDT and DIPS combinations
- The 102 design features three 1” NPT process connections for side/side or side/bottom piping allowing the bottom 1” NPT connection to be used as a drain when using the side/side process connection

APPLICATIONS
- Pressure or vacuum vessels
- Chemical processing plants
- Steam and electric generating stations
- Hydraulic accumulators
- Vapor-liquid separators
- Scrubbers
- Oil refineries
- Storage tanks

SPECIFICATIONS

<table>
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<tbody>
<tr>
<td>Electrical Rating: Snap switch: 12 A @ 120 VAC, 5 A @ 240 VAC; 0.5 A @ 125 VDC resistive; Mercury switch: 4 A @ 120 VAC/DC, 2 A @ 240 VAC/DC. Electrical Connections: Screw terminal. Conduit Connection: 7/8” (22.23 mm) female NPT hole for 1/2” (12.7 mm) conduit. Process Connections: &quot;1&quot; female NPT. Mounting Orientation: Vertical. Deadband: Approximately 1-1/2” (38.1 mm). Specific Gravity: 0.88 min. Options: Manual reset. Weight: 20 lb (9.1 kg). Agency Approvals: CSA, UL. (Snap switch is not rated).</td>
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<table>
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<tr>
<th>Model</th>
<th>Switch Type</th>
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<tbody>
<tr>
<td>102-WT-4810-C-60</td>
<td>SPDT mercury</td>
</tr>
<tr>
<td>102-WT-7810-C-60</td>
<td>SPDT snap</td>
</tr>
<tr>
<td>102-WT-7810HM-C-60</td>
<td>SPDT hermetically sealed snap</td>
</tr>
</tbody>
</table>

USA: California Proposition 65
WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov