The Series 123 & 125 Boiler Water Level Control is designed for boiler applications, the Model 123 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
- Scrubbers
- Vapor-liquid separators
- Hydraulic accumulators
- Chemical processing plants
- Pressure or vacuum vessels
- Storage tanks

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Switch Type</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>123-153</td>
<td>SPDT mercury</td>
<td>$359.00</td>
</tr>
<tr>
<td>123-7000-153</td>
<td>SPDT snap</td>
<td>$359.00</td>
</tr>
</tbody>
</table>

**SERIES 102 & 1102 | MERCOID® BY DWYER**

**FLANGED CHAMBER TYPE LEVEL CONTROL**

**Operating Pressures to 300 PSIG**

**SPECIFICATIONS**

- **Service:** Compatible liquids. Cast iron is not for use with lethal or flammable substances either liquid or gaseous.
- **Wetted Materials:** Body: Cast iron. Optional cast steel or 316 SS; Float and trim: 304 SS; Body gasket: Carbon.
- **Temperature Limit:** Ambient temperature: 212°F (100°C); Process temperature: 365°F (185°C).
- **Pressure Limit:** 150 psig (10.34 bar).
- **Enclosure Rating:** General purpose. Optional weatherproof.
- **Switch Type:** SPDT snap switch or mercury switch. Optional DPDT or two stage.

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**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Switch Type</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>102-WT-4810-C-60</td>
<td>SPDT mercury</td>
<td>$1346.25</td>
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<tr>
<td>102-WT-7810-C-60</td>
<td>SPDT snap</td>
<td>$1334.75</td>
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<tr>
<td>102-WT-7810HM-C-60</td>
<td>SPDT hermetically sealed</td>
<td>$1502.75</td>
</tr>
</tbody>
</table>

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**WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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**SERIES 123 & 125 | MERCOID® BY DWYER**

**BOILER WATER LEVEL CONTROL**

**Heavy Duty, Cast Iron Chamber**

**FEATURES/BENEFITS**

- **Unique design allows the simple removal of four bolts from the inspection plate to feature cast iron, cast steel, or cast 316 SS float chamber.**
- **Electrical circuits using hermetically sealed snap action or mercury contacts are available in a variety of actions including SPST, SPDT, DPDT and DPST combinations**
- **The Series 123 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**

- **Service:** Compatible liquids. Cast iron is not for use with lethal or flammable substances either liquid or gaseous.
- **Wetted Materials:** Body: Cast iron. Optional cast steel or 316 SS; Float and trim: 304 SS, 304 SS, 316 SS, and 430 SS. Option of all 316 SS; Body gasket: Carbon.
- **Temperature Limit:** Ambient temperature: 212°F (100°C); Process temperature: 365°F (185°C).
- **Pressure Limit:** 300 psig (20.7 bar).
- **Enclosure Rating:** NEMA 4X (IP66). Optional general purpose or explosion-proof.
- **Set Point Adjustment:** ±1/4” (6.4 mm).
- **Adjustable deadband:** ±1/2” (12.7 mm).
- **Mounting Orientation:** Vertical.
- **Electrical Rating:** Snap switch: 12 A @ 120 VAC, 5 A @ 240 VAC, 0.5 A @ 125 VDC resistive. 0.25 A @ 250 VDC resistive; Mercury switch: 4 A @ 120 VAC/DC, 2 A @ 240 VAC/DC.
- **Process Connections:** 1/2” female NPT.
- **Enclosure Rating:** Optional rating to 400 psig (27.6 bar).
- **Weight:** 20 lb (9.1 kg).
- **Agency Approvals:** CSA, UL. (Snap switch is not rated).