SERIES 123 & 125 | MERCOID® BY DWYER

BOILER WATER LEVEL CONTROL
Heavy Duty, Cast Iron Chamber

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
• Deaerators
• Oil refineries
• Scrubbers
• Vapor-liquid separators
• Hydraulic accumulators
• Pressure or vacuum vessels

MERCOID® BY DWYER
SERIES 102 & 1102 |
FLANGED CHAMBER TYPE LEVEL CONTROL
Operating Pressures to 300 PSIG

The Series 102 & 1102 Flanged Chamber Type Level Control is 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 electrical circuitry; hermetically sealed snap action or mercury contacts are available in a variety of actions including SPST, SPDT, DPDT and DPST 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

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SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>Switch Type</th>
<th>Price</th>
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<tbody>
<tr>
<td>123-153</td>
<td>SPDT mercury</td>
<td>$351.00</td>
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<tr>
<td>123-7000-153</td>
<td>SPDT snap</td>
<td>$351.00</td>
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SPECIFICATIONS

- **Service:** Compatible liquids. Cast iron is not for use with lethal or flammable substances either liquid or gaseous.
- **Temperature Limit:** Ambient Temperature: 212°F (100°C); Process Temperature: 245°F (123°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.
- **Weight:** 35 lb (15.9 kg).