

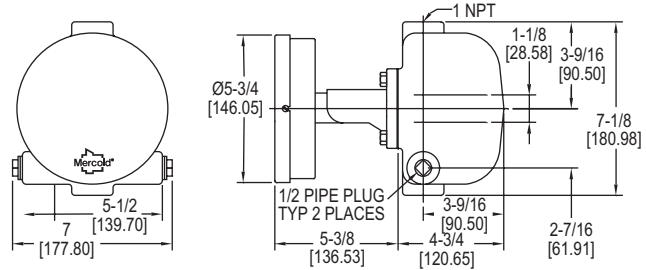
Dwyer

SERIES 123 &amp; 125 | MERCROID® 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

### MODEL CHART

| Model        | Switch Type  |
|--------------|--------------|
| 123-153      | SPDT mercury |
| 123-7000-153 | SPDT snap    |

### SPECIFICATIONS

**Service:** Compatible liquids. Cast iron is not for use with lethal or flammable substances either liquid or gaseous.

**Wetted Materials:** Body: Cast iron; Float: 304 SS; Trim and packing gland: Brass; Packing: Carbon; 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.

**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.

**Electrical Connections:** Screw terminal. Conduit Connection: 7/8" (22.23 mm) hole for 1/2" (12.7 mm) conduit.

**Process Connections:** 1" 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).