Dwyer

BOILER WATER LEVEL CONTROL
Heavy Duty, Cast Iron Chamber

1 NPT
1-1/8 [28.58]
3-9/16 [90.50]
Ø5-3/4 [146.05]
7-1/8 [180.98]
Mercoid®
1/2 PIPE PLUG TYP 2 PLACES
3-9/16 [90.50]
5-1/2 [139.70]
7 [177.80]
5-3/8 [136.53]
4-3/4 [120.65]
2-7/16 [61.91]
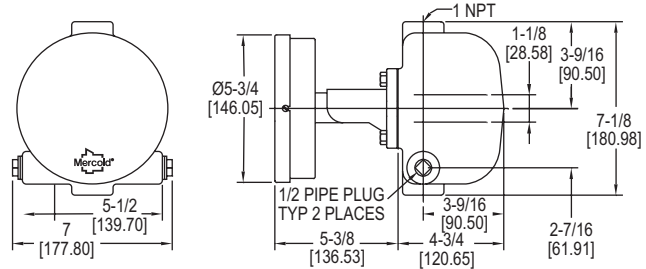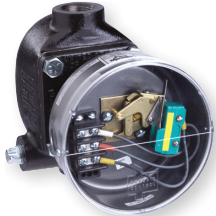
The **SERIES 123 & 125** Boiler Water Level Controls are designed for boiler applications, the Model 123 is primarily used for low water cut-off or feed-water control. The 125 offers the same long lasting service with a direct action mercury switch movement that provides a close deadband where needed.

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).