Boiler Water Level Control
Heavy Duty, Cast Iron Chamber

A special snap action mechanism eliminates frequent operation due to surging water level. Visible operation adds convenience in servicing. SS trim and hand reset are available if required. Options include DPDT switch, two stage, and weatherproof housing.

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

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: 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: 15A @ 120/240/480 VAC, 0.5A @ 120 VDC resistive, 0.25A @ 240 VDC resistive; Mercury switch: 4A @ 120 VAC/DC, 2A @ 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.
Weight: 20 lb (9.1 kg).
Agency Approvals: CSA, UL. (Snap switch is not rated).
Deadband: Approximately 1-1/2˝ (38.1 mm).
Specific Gravity: 0.88 min.
Options: Manual reset.

Flanged Chamber Type Level Control
Operating Pressures to 300 PSIG

Flanged inspection plate allows periodic inspection and clean-out of Model 102 float chamber, making this unit ideal for use in refineries, chemical plants, and other areas with potentially dirty liquids. Low cost cast iron chamber is standard. Carbon steel and SS chambers are available on special order. SS float is standard.

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: 303 SS, 304 SS, 316 SS, and 430 SS. Option of all 316 SS; Body gasket: Carbon.
Temperature Limit: 425°F (218°C).
Pressure Limit: 300 psig (20.7 bar).
Optional rating to 400 psig (27.6 bar).
Repeatability: ±1/4˝ (6.4 mm).
Switch Type: SPDT snap switch, hermetically sealed snap switch, or mercury switch. Optional DPDT or two stage.
Electrical Rating: Snap switch: 12A @ 120 VAC, 5A @ 240 VAC, 0.5A @ 125 VDC resistive; Hermetically sealed snap switch: 5A @ 125 VAC, 5A @ 240 VAC, 5A @ 30 VDC resistive; Mercury switch: 4A @ 120 VAC/DC, 2A @ 240 VAC/DC. Higher contact ratings available for the mercury switch.
Electrical Connections: Screw terminal.
Conduit Connection: 3/4˝ female NPT.
Process Connections: 1˝ female NPT.
Mounting Orientation: Vertical.
Set Point Adjustment: ±1˝ (25.4 mm).
Weight: 35 lb (15.9 kg).
Agency Approvals: UL.
Specific Gravity: 0.6 min.
Options: Manual reset.