

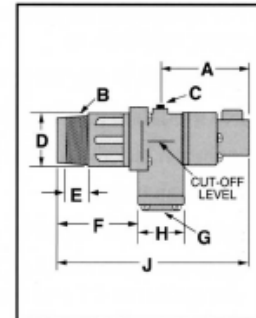
Low Water and Level Controls — McDonnell & Miller

Low Water Cut-Offs – Float Type For Steam Boilers (continued)

Series 70 Low Water Cut-Offs



- For residential and commercial low pressure boiler applications
- For boilers of any steaming capacity
- For mounting in 2½" (65mm) NPT boiler side tappings
- Adjustable BX outlet for easy installation
- Dual precision switches for dependable operation of the low water cut-off and alarm or electric water feeder
- Float chamber provided
- ¼" (8mm) NPT pressure control tapping provided
- Maximum steam pressure 20 psi (1.4 kg/cm²)

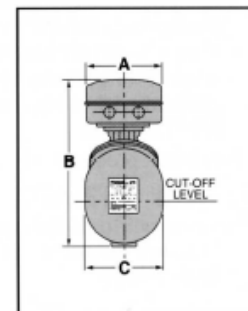
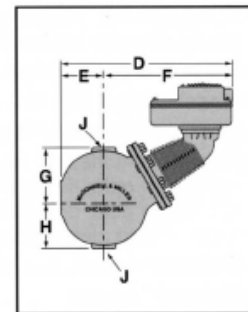


Low Water Cut-Offs – Float Type For Steam Boilers

Series 150 Low Water Cut-Offs



- For residential, commercial and industrial low or high pressure boiler applications
- For boilers of any steaming capacity
- Monel bellows provides corrosion resistance
- Float chamber provided
- Mercury switches for high temperature service
 - 1 Single pole, single throw switch for pump control
 - 1 Single pole, double throw switch for low water cut-off and alarm actuation
- Enclosed junction box protects switches
- Optional features
 - Manual reset
 - 2 Single pole, single throw switches
 - 2 Single pole, double throw switches
 - Float block
 - BSPT threads
- Maximum pressure 150 psi (10.5 kg/cm²)



Model 150-MD

Maximum differential operation

- Prevents nuisance burner shutdowns in **low pressure** applications

Low Water and Level Controls — McDonnell & Miller

Low Water Cut-Offs – Float Type For Steam Boilers (continued)

Series 157



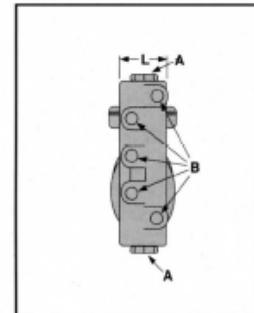
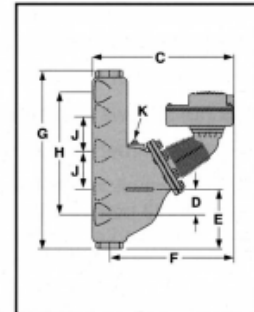
Low Water Cut-Offs

- For residential, commercial and industrial low or high pressure boiler applications
- For boilers of any steaming capacity
- Monel bellows provides corrosion resistance
- Float chamber with integral water column provided
- Mercury switches for high temperature service
 - 1 Single pole, single throw switch for pump control
 - 1 Single pole, double throw switch for low water cut-off and alarm actuation
- Enclosed junction box protects switches
- Optional features
 - Manual reset
 - Integral conductance probes for additional levels and greater operating differential
 - 1" or 1 1/4" (25-32mm) NPT equalizing tapplings
 - 1/2" or 3/4" (15-20mm) NPT tapplings for gauge glass/tri-cock installations
 - BSPT threads
- Maximum pressure 150 psi (10.5 kg/cm²)

Model 157-MD

Maximum differential operation

- Prevents nuisance burner shutdowns in **low pressure** applications



Low Water Cut-Offs

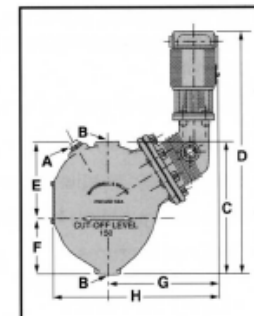
Combination Low Water Cut-Off/Pump Controllers for Steam Boilers (cont.)

Series 93



Low Water Cut-Off/Pump Controllers

- For residential, commercial, and industrial high pressure steam boilers with a separate water column
- Maintains consistent water level regardless of pressure
- For boilers of any steaming capacity
- Switch isolated from steam cavity
- No. 5 Switch included
- Magnetic repulsion eliminates need for bellows
- Optional features
 - Manual reset
 - On/Off or proportional control switch to maintain constant boiler output
 - BSPT threads
- 1" (25mm) NPT connections
- Maximum pressure 150 psi (10.5 kg/cm²)



For prices on products or parts call us at 623-847-4788 or FAX 623-847-2386