

# LOW WATER CUTOFFS, WATER FEEDERS

## McDonnell & Miller

### Float Type Low Water Cutoffs

For steam boilers up to 150 psi.

#### FEATURES:

- For residential, commercial and industrial low or high pressure boiler applications.
- For boilers of any steaming capacity.
- Monel bellows provide corrosion resistance.
- Float chamber provided
- Enclosed junction box protects switches
- UL and CSA approved.



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HYDRONICS

#### Electrical Ratings:

|                                  |                |                |
|----------------------------------|----------------|----------------|
| Cut-off and Pump Circuits Rating | <b>120 VAC</b> | <b>240 VAC</b> |
| Full Load                        | 7.4 amp        | 3.7 amp        |
| Locked Rotor                     | 44.4 amp       | 22.2 amp       |
| Pilot Duty                       | 345 VA         | 345 VA         |

| Description   | Reset  | Mfr#  | Item# | Reman#  |
|---|--------|-------|-------|---------|
| Combination low water cut-off/pump controller                         | Auto   | 150   | B109  | B109R   |
| Combination low water cut-off/pump controller #150 without float bowl | Manual | 150-M |       | B109-1R |
| #150M without float bowl  | Auto   |       |       | B109-2R |
| #150M without float bowl  | Manual |       |       | B109-3R |

**NOTE:** Remanufactured products available only on exchange for similar defective units.

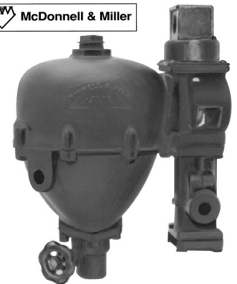
## McDonnell & Miller

### Mechanical Water Feeders

For steam and hot water boilers with cold water feed. Not recommended for use as operating controls.

#### FEATURES:

- Continuous maintenance minimum safe water level, independent of electrical device.
- Direct action feeder mechanism.
- Quick hook-up fittings provided (new only).
- Quick-change replaceable cartridge valve and strainer.
- Quiet, durable operation.
- Isolated feed valve minimizes lime and scale build-up.



#### ELECTRICAL RATINGS

|                             |                    |
|-----------------------------|--------------------|
| <b>Motor Duty @120 VAC:</b> | 10.2 FLA, 61.2 LRA |
| <b>Motor Duty @240 VAC:</b> | 5.1 FLA, 30.6 LRA  |
| <b>Pilot Duty:</b>          | 125 VA             |

#### SPECIFICATIONS

|                               |             |
|-------------------------------|-------------|
| <b>Water Supply Pressure:</b> | 150 psi max |
| <b>Max. Pressure:</b>         | 25 psi      |
| <b>Pipe Connections:</b>      | 1/2"        |

| Quick Hook-up Fittings (new only) | Blow-off Valve | Burner Switch Cut-off | Mfr#  | Item#  | Reman#  |
|-----------------------------------|----------------|-----------------------|-------|--------|---------|
| Yes                               | Yes            | No                    | 47*   |        | B110R   |
| Yes                               | Yes            | Yes                   | 47-2* | B110-1 | B110-1R |

\*Remanufactured feeders DO NOT come with quick hook-up fittings.

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