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WATER FLOW MONITOR OPERATING INSTRUCTIONS

This controller monitors the rate of liquid flow through a sensor head. If the flow rate falls below a user entered value, the flow monitor removes power from a power receptacle on the back of the unit until the monitor is manually reset.

To Operate:

1. Place the flow sensing head on the outlet line of the condenser or whatever piece of equipment the flow rate is to be monitored on. Note the direction of flow printed on the bottom of the sensing head.
2. Turn the monitor's power switch on and turn the flow rate knob to the "SET" position. The *red* 'Low' LED will begin blinking.
3. Increase the flow rate of the liquid until its flowing at the **minimum** acceptable flow rate.
4. Turn the flow rate knob to the "RUN" position and the *green* 'OK' LED will illuminate.

This establishes the current flow going through the sensing head as the minimum acceptable flow rate. Flow should now be increased so the desired flow rate, but in any case, the flow should be slightly increased so that the minimum flow trip point is not hit due to a minor decrease in flow.

In this state, the outlet on the back of the controller remains powered as long as the liquid flow remains above the minimum allowable rate.

If an optional water shut off valve is plugged into the monitor. It's necessary to manually open (i.e., power) the valve while the target flow rate is being set in Step 2. The shut off valve can be manually held open by pressing the Override button at the top of the controller. Once the flow setpoint is set, and the controller is placed into Run Mode, the override button can be released.

Any piece of equipment can be plugged into the power receptacle of the water flow monitor as long as it draws less than

15 amps @ 120 volts; 1800 watts, for the Model WFM-120 or
10 amps @ 230 volts, 2300 watts, for the Model WFM-230.