

Wiring



WARNING: Shock hazard.

To avoid possible electric shock or damage to the equipment, disconnect the power supply before the wiring connections or adjustments are made.

Make all wiring connections using copper conductors only.

Install all wiring in accordance with the National Electric Code and local regulations.

Adjustments



CAUTION: Improper operation hazard.

The switch is factory set at approximately the minimum flow rate (see Table 1). Do not set lower than the factory setting as this may result in the switch failing to return to a 'no flow' position.



CAUTION: Equipment damage hazard.

Sealed settings (screws marked with black paint) are not intended to be changed. Adjustment attempts may damage the control or cause loss of calibration, voiding the warranty.

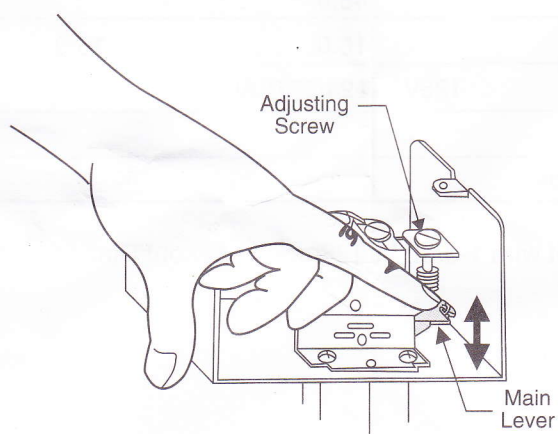


Figure 6: Minimum Adjustment

To adjust the setting of the flow switch:

1. Remove the F61 cover.
2. For higher flow rates, turn the adjusting screw clockwise. To lower the flow rate after it has been raised from the factory setting, turn the adjusting screw counterclockwise.
3. Check to see that the flow switch is not set lower than the factory setting by depressing the main lever numerous times. If the lever fails to "click" upon return at any time, turn the adjusting screw clockwise until the lever clicks upon return every time.

Checkout Procedure

The circuit between the red and the yellow leads (terminals) will close when sufficient liquid flows through the pipe to trip the F61 (see Table 1). A low flow indicator light or signal, when used, will activate when the liquid flow decreases or ceases.

Before leaving the installation, observe at least three complete operating cycles to be sure that the F61 and the system to which it is connected are functioning correctly.

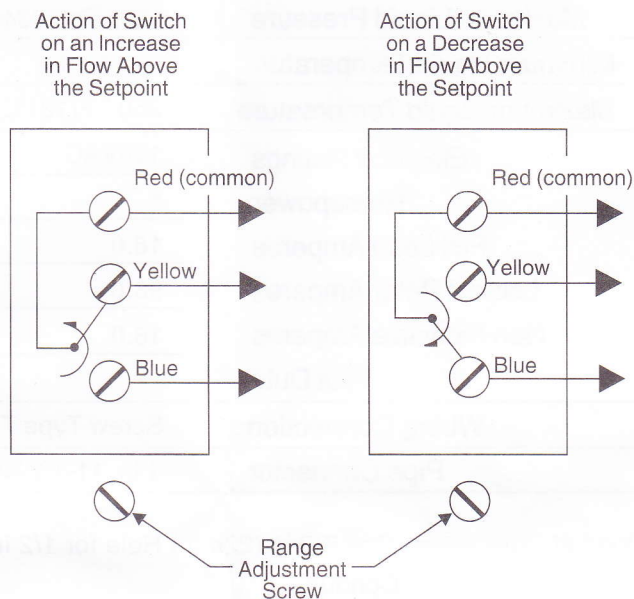


Figure 7: Switch Action