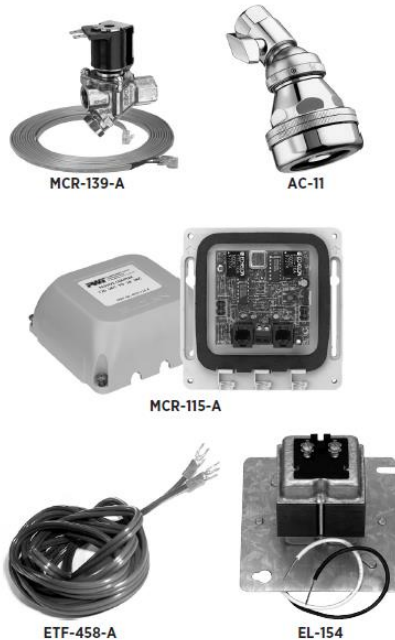


INSTALLATION INSTRUCTIONS FOR PWT SHOWER WITH BUTTON



PRIOR TO INSTALLATION:

- 2 – gang electrical box – 4" x 4" x 2 ½" for transformer
- Electrical wiring to the transformer box (120 VAC, 2amp service required for each EL-154, 24 VAC, 50 VA Transformer used).
- Tempered water supply line.

Multiple Showers:

Multiple showers can be powered by a single transformer, provided that the transformer has been properly sized. Allow a minimum of 15 VA of current rating for each solenoid valve used.

IMPORTANT:

- **ALL ELECTRICAL WIRING IS TO BE INSTALLED IN ACCORDANCE WITH NATIONAL/LOCAL CODES AND REGULATIONS.**
- **ALL PLUMBING IS TO BE INSTALLED IN ACCORDANCE WITH APPLICABLE CODES AND REGULATIONS.**
- **A 24 VAC STEP-DOWN TRANSFORMER MUST BE USED**
- **USE APPROPRIATE PRECAUTIONS WHILE CONNECTING TRANSFORMER TO 120VAC POWER SOURCE**
- **FLUSH ALL WATER LINES PRIOR TO MAKING CONNECTIONS**

TOOLS REQUIRED FOR INSTALLATION OF SHOWERS

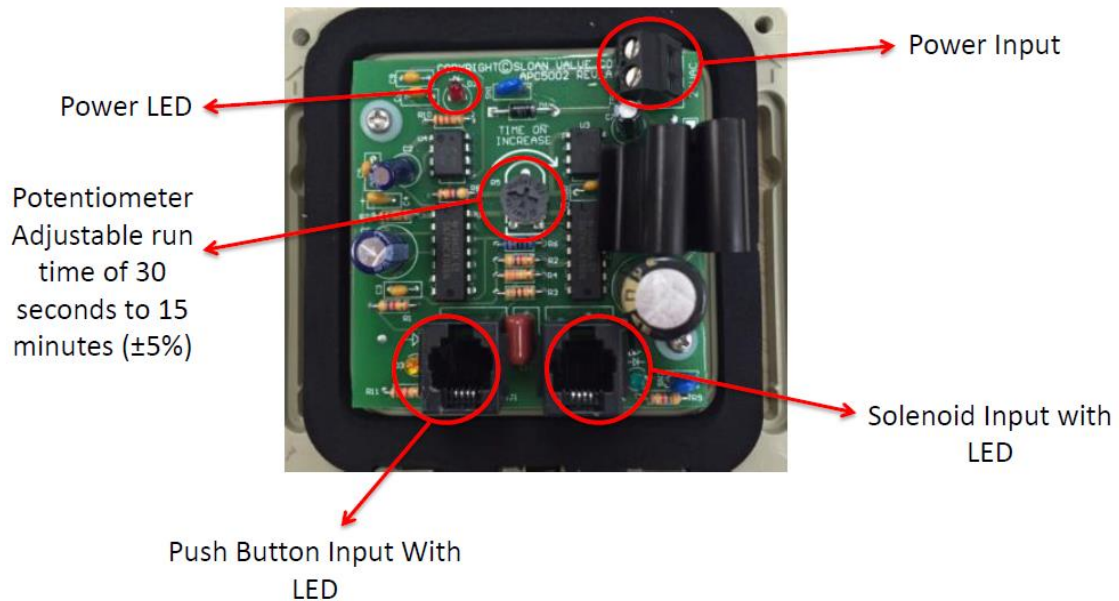
- Adjustable wrenches for installing solenoid, button and connecting water lines
- #2 Phillips head screw driver
- Wire stripper/crimping tool
- Teflon tape

BUTTON LOCATION

Mount the selected button in an appropriate location per ADA requirements (42" for child & 48" for adult- check local codes)

1. **Install Transformer in remote location**
2. **Install MCR-139-A Solenoid to water supply in to shower head. Then attach power cord to solenoid tabs. A ball valve (supplied by other) is recommended up stream of MCR-139-A**
3. **Mount MCR-115-A Junction box to chase wall using supplied wall anchors and screws (drill 5/16" holes using box as template) after installing MCR-458-A power cord.**
4. **To mount selected button to the wall at predetermined location, fish the wire from the button thru the hole from the finished wall side into the chase side and secure the button from the chase side.**
5. **Plug in solenoid power cord RJ-11 jack into right ports on the MCR-115-A junction box then plug in the RJ-11 pig tail from the button into the left "sensor" port.**

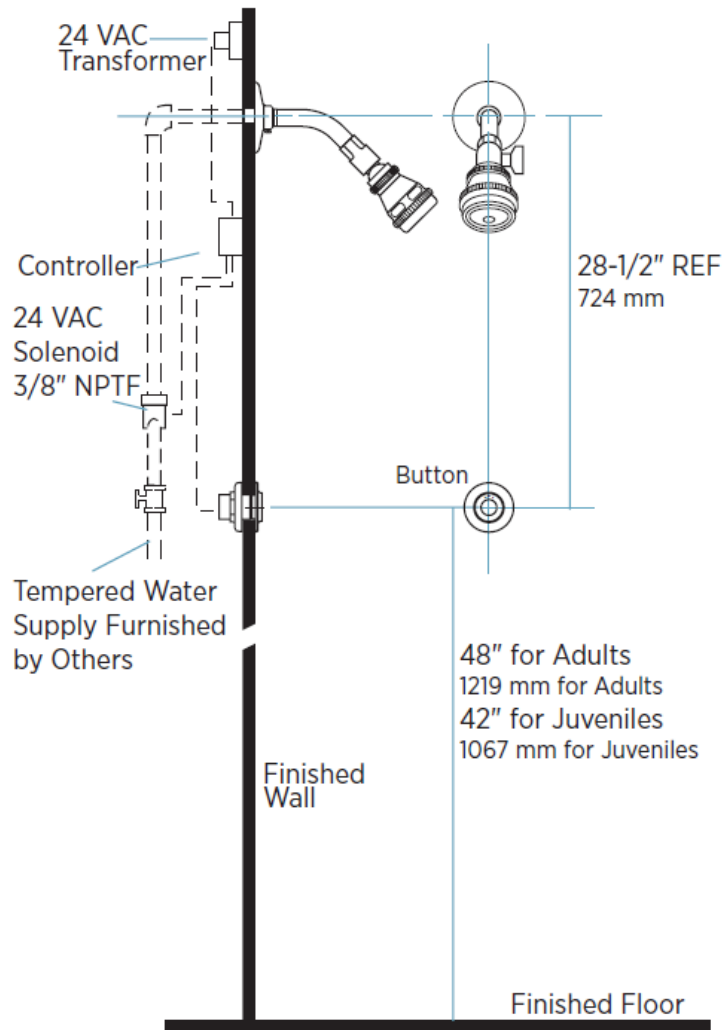
MCR 115



6. Attach the MCR-458A pigtail from the MCR-115A junction box to the transformer.
7. **Setting the run time of the MCR-115-A Control Module**
Adjustable run time of 30 seconds to 15 minutes ($\pm 5\%$) Factory set at 3 minutes. If adjustment is needed, Zero out "RUN TIME" POT by turning Counter clockwise. At "0" the Runtime is 30 seconds. The potentiometer only turns $\frac{3}{4}$ of a full turn. Be sure to turn in very small increments.

**THE USE OF ANY NON-FACTORY SUPPLIED WIRING EXTENSIONS
WITHOUT AUTHORIZATION FROM SLOAN VALVE COMPANY WILL VOID WARRENTY**

ROUGH-IN



Options (one required) – Sold separately

- MCR-140-A Waterproof Ever Switch Push Button with 15' cord
- MCR-60-A Thru-wall Push Button Sensor Assembly with 15' cord
 - MCR-231-D Waterproof D-Slot Push Button with 15' cord
 - MCR-183-A Waterproof Push Button with 15' cord
- MCR-184-A Waterproof Thru-wall Push Button with 15' cord