

DIVERTER 1/2" ROUGH-IN VALVE INSTALLATION

Model #:
10121



BEFORE YOU BEGIN YOUR INSTALLATION:

1



Turn off water supply.

2



Observe all local plumbing codes.

3



Inspect plumbing for signs of damage. Replace as necessary.

4



DO NOT use petroleum based products on this faucet.

REQUIRED TOOLS AND MATERIALS:



Pliers



Adjustable Wrench



Tube Cutter



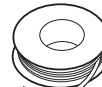
1/4 Hex Key Wrench



Thread Sealant



Propane Torch



Solder

PLUS:

- 1/2" piping or copper tubing for outlets
- 3/4" piping or copper tubing for inlets
- 1/2" NPT plug

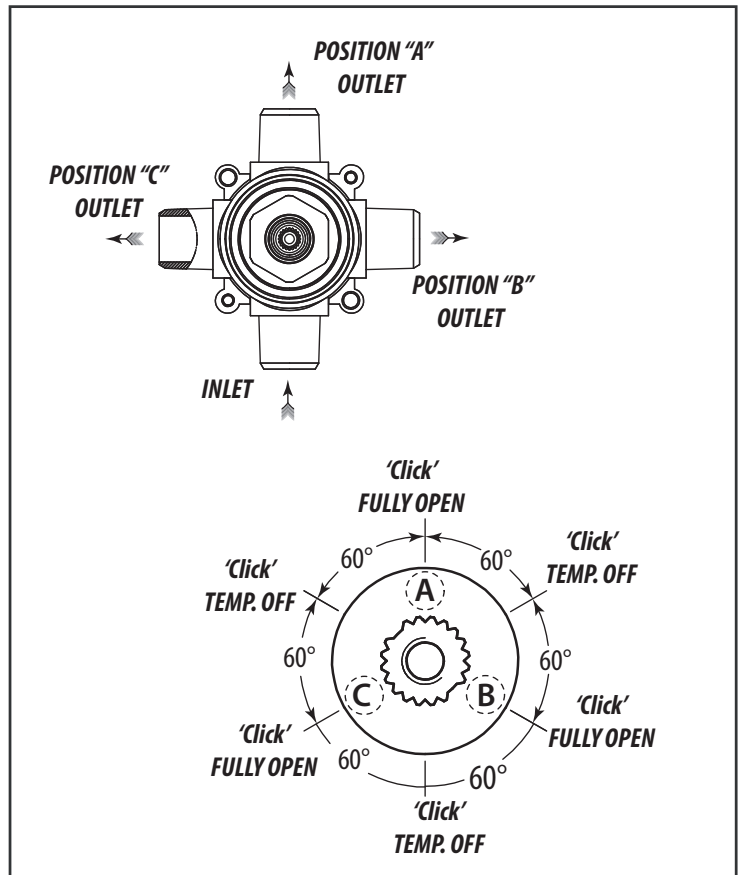
WARNING: Cancer and reproductive harm - see www.P65Warnings.ca.gov

IMPORTANT!

- Read these instructions and plan the installation before beginning.
- Risk of product damage. Do not apply direct heat to the valve. Excessive heat will damage the plastic components and plaster guard.
- Do not remove the plaster guard until instructed to do so.
- A hot and cold water supply is required for this valve.
- Component location, spacing, and situational requirements can vary.

VALVE FUNCTION AND HANDLE OPERATION

- CAUTION: When using this diverter valve with a diverter trim that has specific device markings, it is essential to correctly connect the outlet ports to those designated devices (e.g., hand shower and shower head).
- The required thermostatic valve (sold separately) mixes hot and cold water but does not control on/off or volume functions. It delivers mixed water at a fixed volume to the diverter valve, which has three positions, each 60° apart.
- There are 3 ON positions that can direct water flow to a MAXIMUM of 3 devices. However, water CANNOT flow simultaneously from multiple devices (e.g., shower head AND hand shower together).
- There are also 3 TEMPORARY OFF positions, with one in between each ON position.
- The diverter valve features tactile feedback at each position for easy and precise operation.



ROUGH-IN AND VALVE PREPARATION

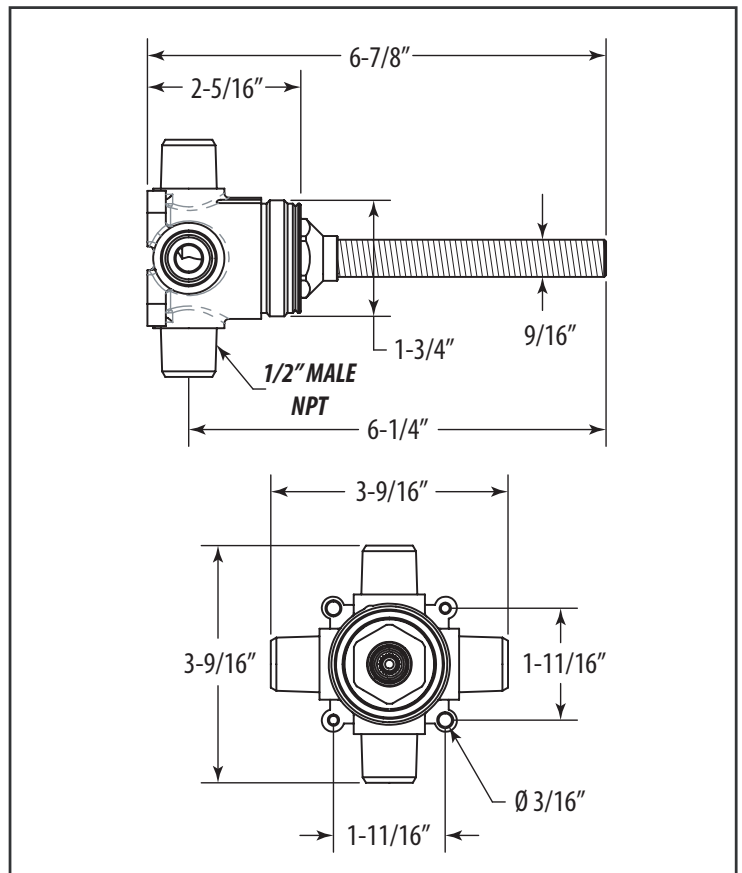
Before installation, check the incoming water pressure.

IMPORTANT:

- The rough-in depth of the valve is measured from the center of the inlets to the surface of the finished wall, and this measurement may vary depending on the trim used.
- To determine the precise MAXIMUM and MINIMUM rough-in depth dimensions, refer to the installation guidelines of the specific diverter valve trim you are using.

CAUTION

- DO NOT APPLY DIRECT HEAT TO THE VALVE. Pre-solder any connections to prevent damage to the cartridge and other internal components.
- Be aware that the diverter valve trim components, such as the handle and trim plate may be separately packaged from each other.

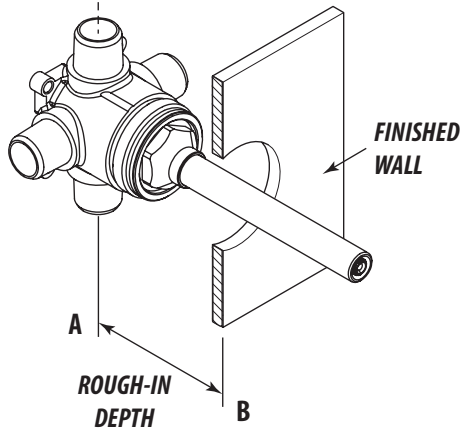


VALVE INSTALLATION

1.

**CENTERLINE
OF INLET/OUTLET**

To determine the rough-in depth for the diverter valve, measure from the center of the inlet (A) to the surface of the finished wall (B). Note that this measurement may vary depending on the specific trim being used.



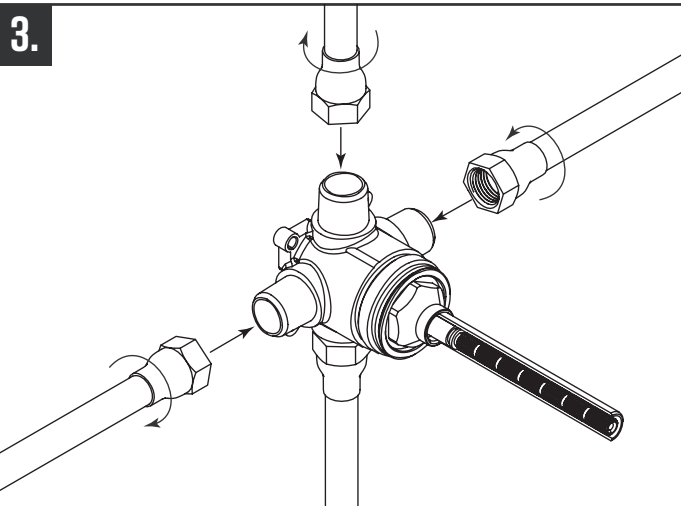
2.

**BACK
SUPPORT**

Connect the diverter valve to the thermostatic valve OR volume control (sold separately), use supply lines and run it to the appropriate height of the diverter valve. Ensure that the diverter valve is correctly positioned, aligning it with the IN/OUT MARKINGS, so that mixed water flows into the inlet. Make sure to secure all piping and fittings (not supplied) in place.

**1/2" NPT
THREADS**

3.



Run supply lines from the outlet ports to the 3 desired devices making sure all piping fittings (not supplied) are secured.

4.

**STEM
EXTENSION**

'Click'

'Click'

Turn on the water supply and operate the cartridge stem to flush out the supply lines thoroughly. During this process, verify that all valve positions are functioning correctly, and carefully check for any leaks. Once you have confirmed that the supply lines have been fully flushed, turn off the water.

5.

Protect the diverter valve with the provided mud guard (C) during the completion of the finished wall and to allow future access to the cartridge for servicing. This will create the necessary opening precisely as required, ensuring easy access when needed.

