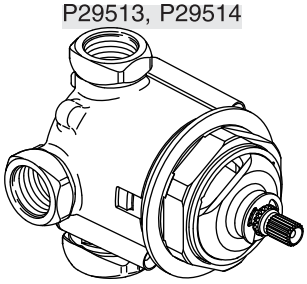
# Installation Guide

## Three-Way/Two-Way Transfer Valve

P29513, P29514



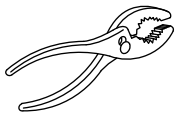
KALLISTA®

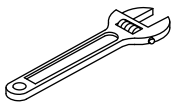
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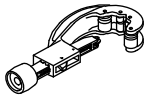
## Thank You For Choosing Kallista

We appreciate your commitment to KALLISTA quality products. Please take a moment to review this manual before you install your KALLISTA product. If you encounter any installation or performance problems, please do not hesitate to contact us from within the USA or Canada at 1-888-4-KALLISTA (1-888-452-5547).

## Tools and Materials







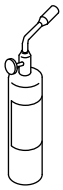
Tubing Cutter



Thread Sealant




Hex Wrench



Propane Torch



Solder

**Plus:**

- 1/2" Piping or Copper Tubing for outlets
- 3/4" Piping or Copper Tubing for inlets
- 1/2" NPT Plug

## Before You Begin

**WARNING: Risk of scalding.** High water temperature can cause severe burns. Set the water temperature at or below 120°F (49°C) following the adjustment procedure.

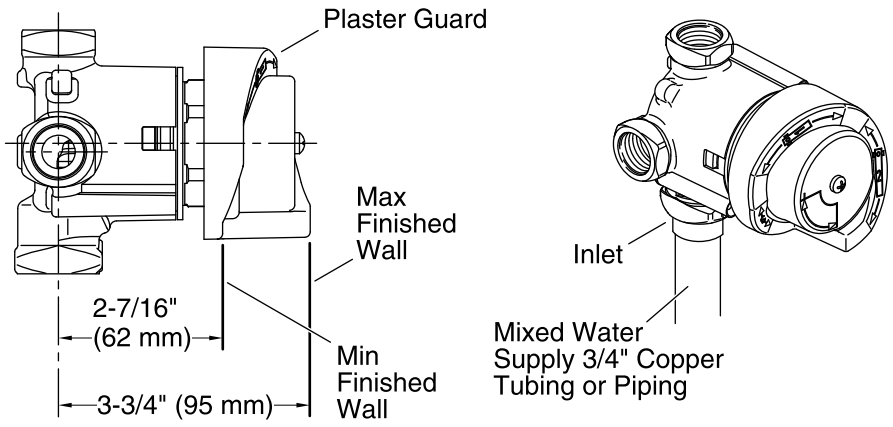
**IMPORTANT! Risk of product damage.** Do not apply direct heat to the valve. Excessive heat will damage the plastic components and plaster guard.

**IMPORTANT!** This valve is not intended to be used as a shut-off valve. If less than three accessories will be installed, do not plug any outlets without completing the two-way conversion.

- ☐ Observe all local plumbing and building codes.
- ☐ Do not remove the plaster guard until instructed to do so.
- ☐ A mixed water supply is required for this valve.
- ☐ Read these instructions and plan the installation before beginning. Component location, spacing, and situational requirements can vary.
- ☐ Shut off the water supply.

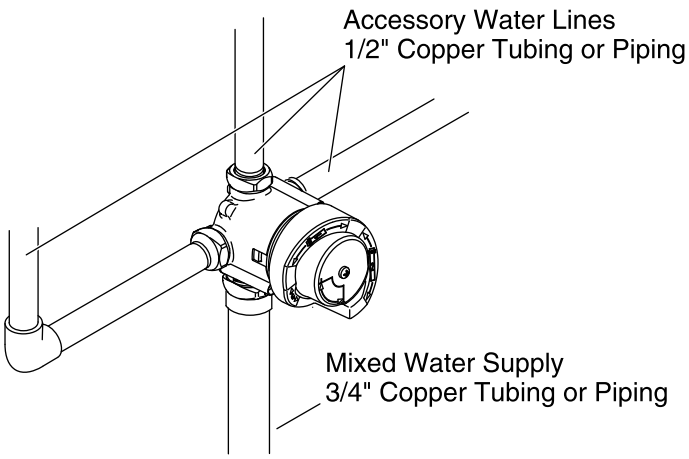
**Before You Begin (cont.)**

- ☐ Inspect the waste and supply tubing; replace if necessary.
- ☐ KALLISTA reserves the right to make revisions in the design of products without notice, as specified in the Price Book.




## 1. Prepare the Site

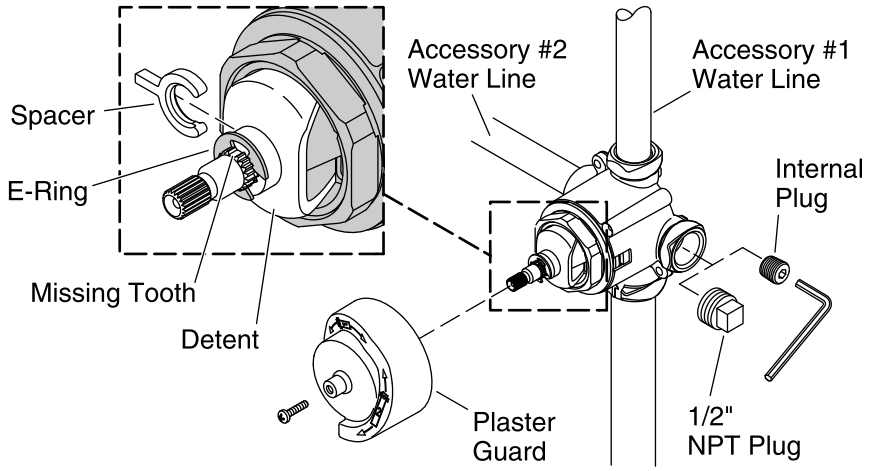
- ☐ Provide a 2-7/8″ (73 mm) to 3-1/8″ (79 mm) diameter hole in the wall material for the plaster guard.
- ☐ Route a 3/4″ mixed water supply line to the transfer valve location.
- ☐ Apply thread sealant to the inlet port threads and connect the water supply to the transfer valve inlet.
- ☐ **Two-Way:** If two accessories will be attached to the valve, go to the ″Two-Way Installation″ section.
- ☐ **Three-Way:** If three accessories will be attached to the valve, go to the ″Three-Way Installation″ section.




## 2. Three-Way Installation

**IMPORTANT!** Do not remove the internal plug from the valve body for three-way installations. The plug connects the left and right ports allowing either to be used for an additional accessory.

- ☐ Install 1/2″ copper tubing or piping for all accessories. Securely fasten the piping and outlet ells to the framing.
- ☐ Install temporary 1/2″ nipples in the outlet ells so they extend a minimum of 2″ (51 mm) beyond the finished wall.
- ☐ Turn on the water supply to the valve and check for proper operation and leakage. Once everything is verified, turn off the water.
- ☐ Install caps on the temporary bath and shower nipples. Turn on the water and check for leaks. Once no leakage is verified, turn off the water.
- ☐ Complete the finished wall.
- ☐ Install the trim according to the installation instructions packed with the trim.




## 3. Two-Way Installation

**IMPORTANT!** This valve is not intended to be used as a shut-off valve. Do not plug any outlets without completing the two-way conversion.

### Two-Way Conversion

- ☐ Temporarily remove the plaster guard.
- ☐ Rotate the detent until positioned vertically, as illustrated.
- ☐ Verify the missing tooth is oriented up.

**IMPORTANT!** If the internal plug is not removed, the finished wall will need to be removed to perform this step at a later date.

- ☐ Using a 1/4″ hex wrench, remove and discard the internal plug from inside the valve body.
- ☐ Plug the unused port (left or right) with a 1/2″ NPT plug (not included).
- ☐ Using a pliers, remove the spacer from beneath the detent.
- ☐ Push the detent in; ensure the points of the detent engage the notches of the valve cartridge.
- ☐ Install the spacer above the detent and under the E-ring.

### Install the Two-Way Valve

- ☐ Install 1/2″ copper tubing or piping for both accessories. Securely fasten the piping and outlet ells to the framing.

## Two-Way Installation (cont.)

- ☐ Install temporary 1/2″ nipples in the outlet ells so they extend a minimum of 2″ (51 mm) beyond the finished wall.

**IMPORTANT!** When testing P29513 operation, water should flow as follows: Accessory 1, Accessories 1 and 2, Accessory 2. If water flows as: Accessory 2, Accessory 2, Accessories 1 and 2; you will need to remove the spacer, rotate the detent 180 degrees; then reinstall the spacer.

**IMPORTANT!** When testing K-737 operation, water should flow as follows: Accessory 1, Accessory 2. Combined functionality will not work.

**NOTE: For P29514 only:** When the valve is turned midway between the two outlet ports, water flow from the ports will reduce to a trickle.

- ☐ Turn on the water supply to the valve and check for proper operation and leakage. Once everything is verified, turn off the water.
- ☐ Install caps on the temporary bath and shower nipples. Turn on the water and check for leaks. Once no leakage is verified, turn off the water.
- ☐ Complete the finished wall.
- ☐ Install the trim according to the installation instructions packed with the trim.

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