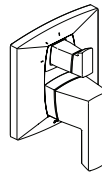


Pressure Balance MultiChoice® Valve with Integrated 3 or 6 Function Diverter Trim Installation Instructions Owners Manual T75P Series

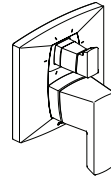
Write purchased model number here.

For easy installation of your Brizo® faucet you will need:

- To **READ ALL** the instructions completely before beginning.
- To **READ ALL** warnings, care, and maintenance information.



T75P588-Δ



T75P688-Δ

You May Need



Table of Contents:

Warranty	Page 2
Installation Instructions	Pages 3 - 7
Maintenance	Page 8
Replacement Parts	Pages 10 - 11
For additional replacement parts, visit www.deltafaucet.com/service-parts	

CAUTION: This system/device must be set by the installer to ensure safe, maximum temperature. Any change in the setting may raise the discharge temperature above the limit considered safe and may lead to hot water burns.

NOTICE TO INSTALLER: CAUTION!—As the installer of this valve, it is your responsibility to properly **INSTALL** and **ADJUST** this valve per the instructions given. This valve does not automatically adjust for inlet temperature changes, therefore, someone must make the necessary temperature knob adjustments at the time of installation and further adjustments may be necessary due to seasonal water temperature change. **YOU MUST** inform the owner/user of this requirement by following the instructions. If you or the owner/user are unsure how to properly make these adjustments, please refer to page 5 & 6 and if still uncertain, call us at 1-877-345-BRIZO (2749).

After installation and adjustment, you must affix your name, company name and the date you adjusted the temperature knob to the caution label provided and apply or attach the label to the back

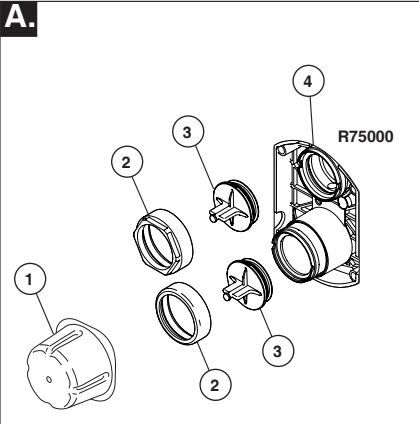
side of the closest cabinet door and the warning label to the water heater. **Leave this Instruction Sheet for the owner's/user's reference.**

WARNING: This thermostatic bath valve is designed to minimize the effects of outlet water temperature changes due to inlet pressure and temperature changes, commonly caused by dishwashers, washing machines, toilets and the like. It may not provide protection from hot water burns when there is a failure of other temperature controlling devices elsewhere in the plumbing system, if the temperature knob is not properly set or if the hot water temperature is changed after the settings are made or if the water inlet changes due to seasonal changes.

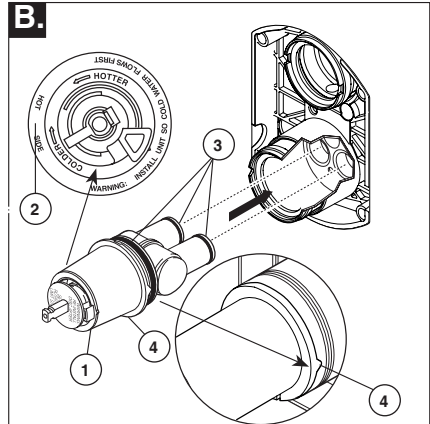
WARNING: Do not install a shut-off device on either outlet of this valve. When this type of device shuts off the water flow, it can defeat the ability of the valve to balance the hot and cold water pressures.

1

Cartridge Installation

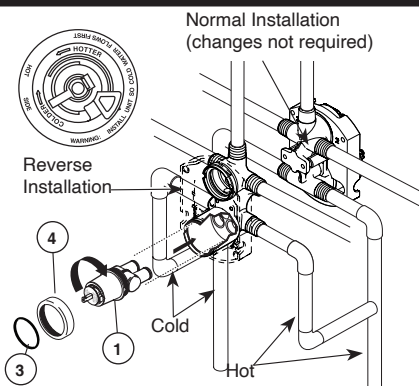


Turn off water supplies. Remove cover (1), bonnet nuts (2) and test caps (3) from the rough-in body (4) (R75000). Place a bucket or small container over the front of the valve body and slowly open the water supplies to flush any debris from the supply lines before installing the cartridge. Turn the water supplies back off.

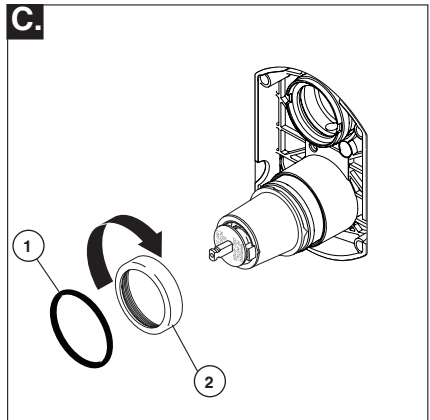


Rotate the cartridge (1) so the words "hot side" (2) appear on the left. Insert cartridge into valve body as shown. Make sure the cartridge tubes and O-rings (3) are properly seated in holes at the base of the body. Ensure the keys on the body are fully engaged with the slots in the body (4). A light coating of plumbers grease applied to o-rings may aid in assembly.

Back to back Installation



For back to back or reverse installations (hot on right and cold on left) insert the cartridge (1) with the "hot side" on the right. If you are not making a reverse or back to back installation skip this step and continue with step 1C. Apply silicone lube to the three o-rings shown above to make the cartridge easier to install and remove from the rough-in body. Install the cartridge making sure that the keys are fully engaged with the slot in the rough-in body (see step B). Slide o-ring (3) and bonnet nut (4) over the cartridge and thread onto the rough-in body. Hand tighten securely.



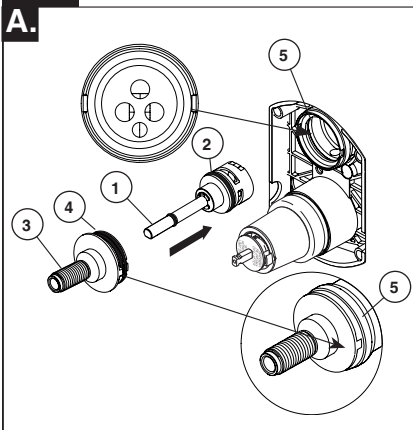
Thread bonnet nut (2) onto cartridge. Hand tighten securely. Slide o-ring (1) over the cartridge and bonnet.

T75P Series Installation

Diverter Cartridge Installation

2

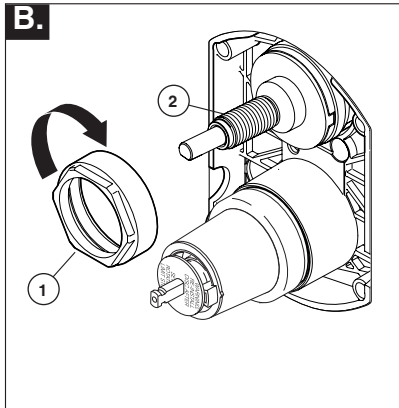
A.



FOR DIVERTER CARTRIDGE INSTALLATION:

Apply silicone lube to the o-ring (2) to make the diverter sleeve (3) easier to install diverter cartridge. Rotate the diverter cartridge (1) so the pin is at the bottom for proper installation. Apply silicone lube to the o-rings (4) to make the diverter sleeve (3) easier to install diverter cartridge. Align diverter sleeve so that the notches are in the same position as the notches on rough-in body (5).

B.



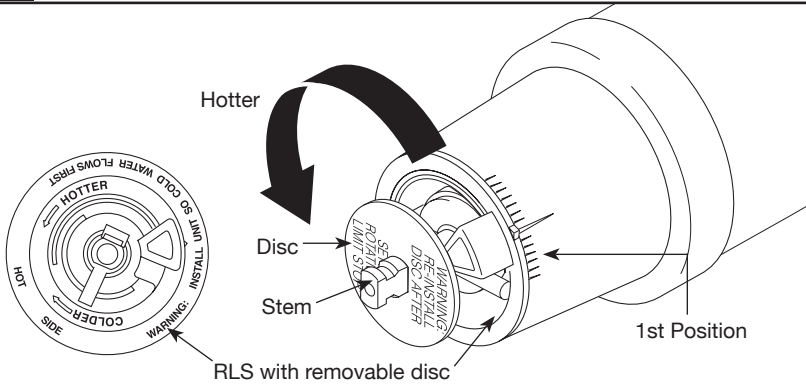
Slip-On Installation

Slide bonnet nut (1) over diverter sleeve (2) and thread into rough-in body. Hand tighten securely.

3

Adjusting the Rotational Limit Stop – Identify RLS type from pages 5-6.

A.



IMPORTANT:

The Rotational Limit Stop is used to limit the amount of hot water available such that, if set properly, the user will not be scalded if the handle accidentally is rotated all the way to “hot” when a person is showering or filling a tub. The first position allows the **LEAST** amount of hot water to mix with the cold water in the system. In the first position the water will be the coldest possible when the handle is turned all the way to hot. As you move the Rotational Limit Stop counterclockwise, you progressively add more and more hot water in the mix. The last position to the left will result in the greatest amount of hot water to the mix, and the greatest risk of scald injury if someone accidentally turns the valve handle all the way to the hot side while showering or filling a tub.

WARNING: In some instances, setting the Rotational Limit Stop in the hottest position (full counterclockwise) could result in scald injury. It is necessary to adjust the Rotational Limit Stop so that the water coming out of the valve will not scald the user when the handle of the valve is rotated to the hot side.

- According to the majority of industry standards, the maximum allowable temperature of the water exiting the valve is 120°F (Your local plumbing codes may require a water temperature less than 120°F).

- The Rotational Limit Stop may need to be readjusted seasonally if the inlet water temperature changes. For example, during the winter, the cold water temperature is colder than it is during the summer which could

result in varying outlet temperatures. A water temperature for a comfortable bath or shower is typically between 90°F - 110°F.

- Run the water so that the cold water is as cold as it will get and hot water is as hot as it will get. Place the handle on the stem (see page 7, step 4D) and rotate the handle counterclockwise until the handle stops.

- Place a thermometer in a plastic tumbler and hold in the water stream. If the water temperature is above 120°F, the Rotational Limit Stop must be repositioned clockwise to decrease valve outlet water temperature to be less than 120°F or to meet the requirements of your local plumbing codes.

- To adjust the temperature of the water coming out of the valve, pull the disc back to a position where it is possible to remove the Rotational Limit Stop and readjust the teeth engagement position to the desired temperature. Clockwise will decrease the outlet temperature, counterclockwise will increase the outlet temperature. Temperature change per tooth (notch) could be 4° - 16°F based on inlet water conditions. Repeat as necessary.

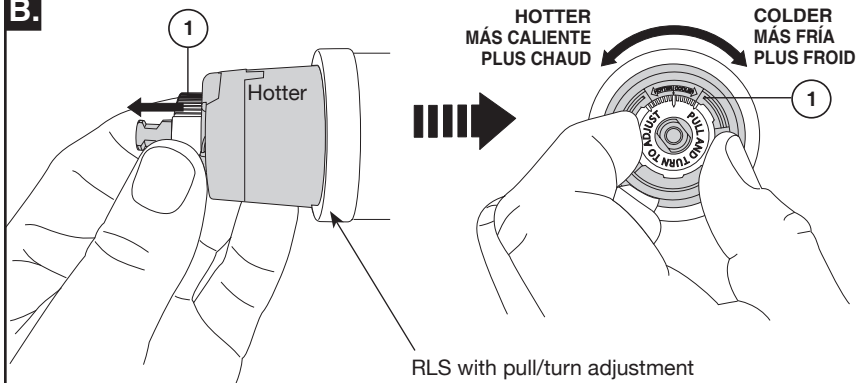
Push disc until fully seated.

WARNING: Failure to re-install Disc after setting Rotational Limit Stop could result in scald injury.

- **MAKE SURE COLD WATER FLOWS FROM THE VALVE FIRST. MAKE SURE WATER FLOWING FROM THE VALVE AT THE HOTTEST FLOW POSSIBLE DOES NOT EXCEED 120°F OR THE MAXIMUM ALLOWED BY YOUR LOCAL PLUMBING CODE.**

T75P Series Installation

B.



ADJUSTING THE ROTATIONAL LIMIT STOP

IMPORTANT: The Rotational Limit Stop is used to limit the amount of hot water available such that, if set properly, a scald injury is less likely to occur if the handle accidentally is rotated all the way to "hot" when a person is showering or filling a tub. The first position allows the **LEAST** amount of hot water to mix with the cold water in the system. In the first position the water will be the coldest possible when the handle is turned all the way to hot. As you move the Rotational Limit Stop counterclockwise, you progressively add more and more hot water in the mix. The last position to the left will result in the greatest amount of hot water to the mix, and the greatest risk of scald injury if someone accidentally turns the valve handle all the way to the hot side while showering or filling a tub.

WARNING: In some instances, setting the Rotational Limit Stop in the hottest position (full counterclockwise) could result in scald injury. It is necessary to adjust the Rotational Limit Stop so that the water coming out of the valve will not scald the user when the handle of the valve is rotated to the hot side.

- According to the majority of industry standards, the maximum allowable temperature of the water exiting the valve is 120°F (Your local plumbing codes may require a water temperature less than 120°F).
- The Rotational Limit Stop may need to be re-adjusted seasonally if the inlet water temperature changes. For example, during the winter, the cold water temperature is colder than it is during the summer which could result in varying outlet temperatures. A water

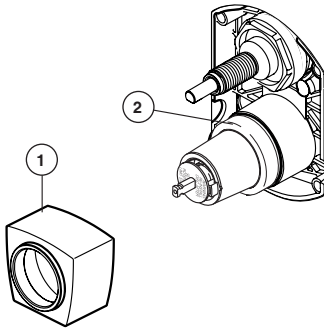
temperature for a comfortable bath or shower is typically between 90°F - 110°F.

- Run the water so that the cold water is as cold as it will get and hot water is as hot as it will get. Place the handle on the stem (see page 9, step 4F) and rotate the handle counterclockwise until the handle stops.
 - Place a thermometer in a plastic tumbler and hold in the water stream. If the water temperature is above 120°F, the Rotational Limit Stop must be repositioned clockwise to decrease valve outlet water temperature to be less than 120°F or to meet the requirements of your local plumbing codes.
 - To adjust the temperature of the water coming out of the valve, pull the white Rotational Limit Stop (1) outward and rotate. Clockwise rotation will decrease the outlet temperature, counterclockwise rotation will increase the outlet temperature. Temperature change per tooth (notch) could be 4° - 16°F based on inlet water conditions. Repeat as necessary. When finished, make sure that the Rotational Limit Stop is fully retracted into the seated position.
- WARNING: Do not take the Rotational Limit Stop apart.**
- **MAKE SURE COLD WATER FLOWS FROM THE VALVE FIRST. MAKE SURE WATER FLOWING FROM THE VALVE AT THE HOTTEST FLOW POSSIBLE DOES NOT EXCEED 120°F OR THE MAXIMUM ALLOWED BY YOUR LOCAL PLUMBING CODE.**

4

Trim Installation

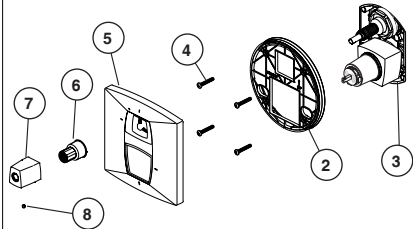
A.



Trim Sleeve Installation

Slide trim sleeve (1) over cartridge, bonnet (2), and O-ring. Ensure sleeve is properly positioned over the cartridge. O-ring will help keep trim sleeve securely in position.

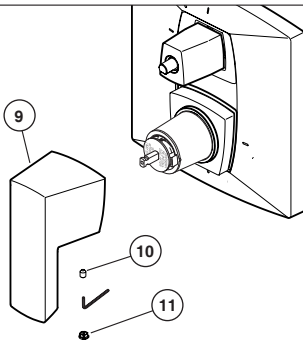
B.



Escutcheon Installation

Secure backplate (2) to rough-in body (3) using 4 screws (4) provided. Ensure backplate is oriented front side forward. **Note: Be sure backplate is oriented front side forward and markings are visible.** If mounting to an uneven surface, apply appropriate sealant around the backplate to supplement rubber seal. Align holes in escutcheon (5) with cartridges and slide escutcheon (5) onto backplate. Secure escutcheon by threading trim nut (6) onto diverter sleeve. Do not overtighten. Slide diverter trim sleeve (7) over trim nut and secure into position with set screw (8). **For thick wall installation, an optional extension kit is available to accommodate up to 1" of additional wall thickness. Order RP91024 & RP92548.**

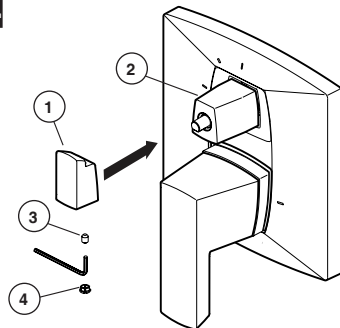
C.



Valve Handle Installation

Slide handle (9) over cartridge, aligning flat surfaces inside handle with flat surfaces on side of cartridge. Handle lever should point downward (6 o'clock) in the off position. Secure handle with set screw (10) and press button (11) cover into hole.

D.



Diverter Handle Installation

Insert diverter handle (1) onto trim sleeve (2). Using a allen wrench, insert set screw (3) into handle (1). Applying pressure, insert set screw cover (4) until properly seated.

Potential scald or thermal shock injury could result due to cross flow if outlet at the shower is blocked or restricted (e.g., pause control on showerhead). Be sure to point showerhead away from you when re-starting flow or install inlet check valves on both supply lines to prevent possible injury.

T75P Series Maintenance

Faucet leaks from tub spout/showerhead:

SHUT OFF WATER SUPPLIES.

Replace seats and springs—Repair

Kit RP4993. Check condition of lower O-rings and replace if necessary RP14414. See Helpful Hints 1, 2, & 3.

If leak persists:

SHUT OFF WATER SUPPLIES.

Replace valve cartridge RP46074.

See Helpful Hints 1, 2, 3 & 5.

Unable to maintain constant

water temperature:

Replace valve cartridge RP46074 or follow instructions in Helpful Hints 1, 2, 4 & 5.

Helpful Hints:

1. Before removing valve cartridge assembly for any maintenance, be sure to note the position of the rotational limit stop on the cap. The valve cartridge assembly must always be put back in the same position. BE SAFE! After you have finished the installation, turn on valve to make sure COLD WATER FLOWS FIRST.

2. To remove valve cartridge from body, shut off water supplies and remove handle and bonnet nut. Do not pry the valve cartridge out of the body with a screwdriver. Place handle on stem and rotate counterclockwise

approximately 1/4 turn after the stop has been contacted. Lift valve cartridge out of body.

3. To remove seats and springs, remove valve cartridge. Separate cap assembly from the housing assembly by rotating the cap assembly counterclockwise 90° (degrees). Separate cap and housing assemblies. Remove seats and springs and replace. Place the largest diameter of the spring into the seat pocket first and then press the tapered end of the seal over the spring. Reassemble valve cartridge and replace in body following instructions given in 1 above.

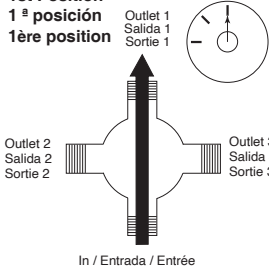
4. If the water in your area has lime, rust, sand or other contaminants in it, your pressure balance valve will require periodic inspection. The frequency of the inspection will depend on the amount of contaminants in the water. To inspect valve cartridge remove it and follow the steps in note 1 above. Turn the valve to the full mix position and shake the cartridge vigorously. If there is a rattling sound, the unit is functional and can be reinstalled following instructions given in note 1 above. If there is no rattle, replace valve cartridge RP46074.

5. Push disc until fully seated. See page 5 for more details.

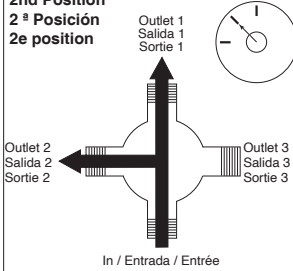
Diverter Handle Reference Sheet

Water Flow For 3 Function Diverter / Flujo de agua para Desviadores de 3 posiciones / Écoulement de l'eau pour les inverseurs à 3 positions

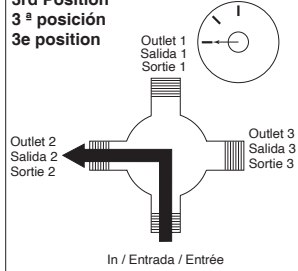
1st Position 1^a posición 1ère position



2nd Position 2^a Posición 2e position



3rd Position 3^a posición 3e position



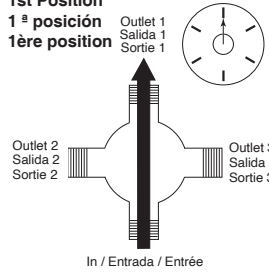
Shared positions do not exist in non-shared cartridges.

Los ajustes o posiciones compartidas no existen en los cartuchos no-compartidos.

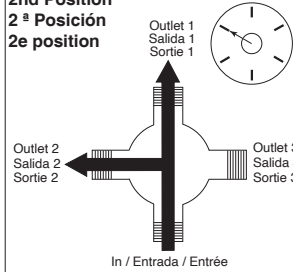
Comme leur nom l'indique, les cartouches sans position partagée ne comportent aucune position partagée.

Water Flow For 6 Function Diverter / Flujo de agua para Desviadores de 6 posiciones / Écoulement de l'eau pour les inverseurs à 6 positions

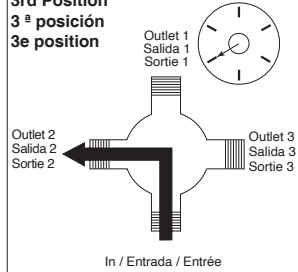
1st Position 1^a posición 1ère position



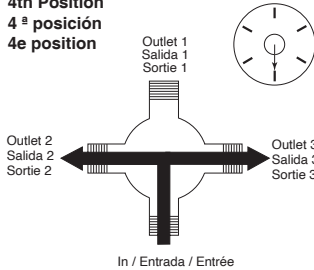
2nd Position 2^a Posición 2e position



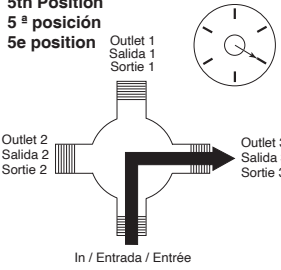
3rd Position 3^a posición 3e position



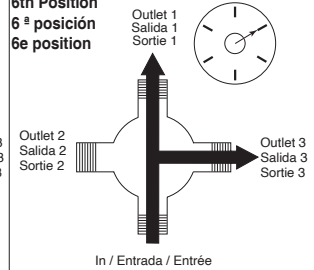
4th Position 4^a posición 4e position



5th Position 5^a posición 5e position



6th Position 6^a posición 6e position



Shared positions do not exist in non-shared cartridges.

Los ajustes o posiciones compartidas no existen en los cartuchos o posiciones compartidas no existen en los cartuchos no-compartidos.

Comme leur nom l'indique, les cartouches sans position partagée ne comportent aucune position partagée.

Cleaning and Care

Care should be given to the cleaning of this product. Although its finish is extremely durable, it can be damaged by

harsh abrasives or polish. To clean, simply wipe gently with a damp cloth and blot dry with a soft towel.

Brizo Kitchen & Bath Company
Product Service
55 E. 111th Street
Indianapolis, IN 46280