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LUXURY SHOWER HEAD INSTALLATION



MB/BN/BG/ORB/CP

INSTALLATION INSTRUCTIONS

We recommend consulting a professional if you are unfamiliar with installing plumbing fixtures. WELLFOR accepts no liability for any damage to the plumbing, floor, walls, tub, or for personal injury during installation. Please observe all local plumbing and building codes.

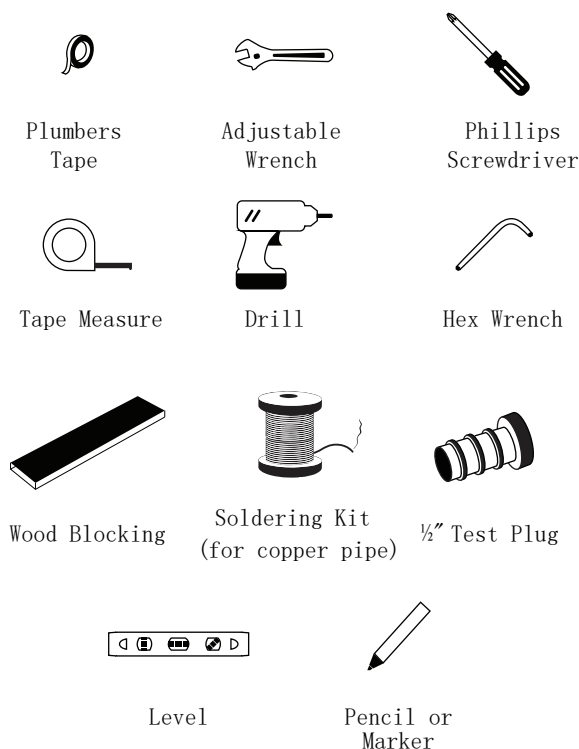
GETTING STARTED

- Ensure that you have gathered all the required materials that are needed for the installation.
- For the following installation instructions, it is assumed that the wall has been opened and that the existing shower set has been removed.
- Before you begin, the main water supply to your home should be shut off.

INSTALLATION PRECAUTIONS

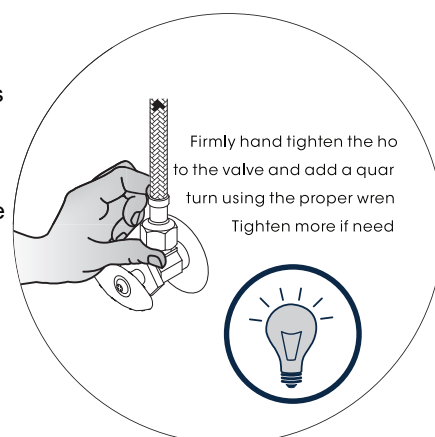
- Unpack and inspect the items for shipping damage. If any damage is found, contact our Customer Relations team.
- The impurities in the water supply pipe must be cleared before installation to avoid blockage.
- The hot water supply is on the left and the cold water supply is on the right. Incorrect connection will cause permanent damage to the cartridge.
- The water pressure of faucet is 0.05MPa-1.0 Mpa(including cold water and hot water pressure).Applicable water temperature range is 39°F-194°F.

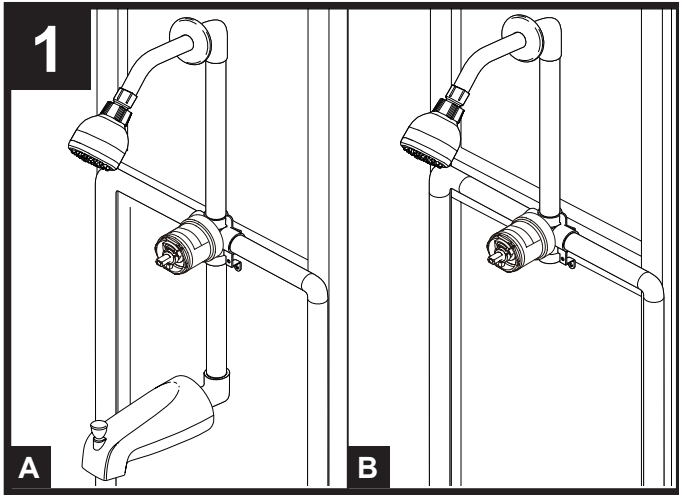
TOOLS AND MATERIALS:



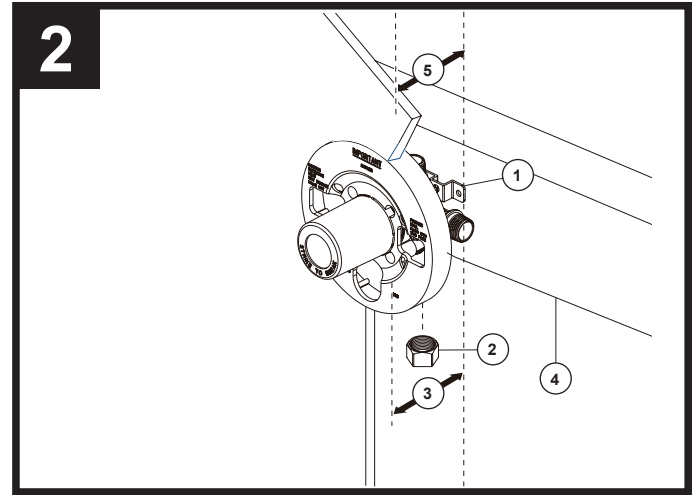
CONNECTION ADVICE

*The model shown in the installation steps may differ from the one in box however connection type and installation steps are the same.



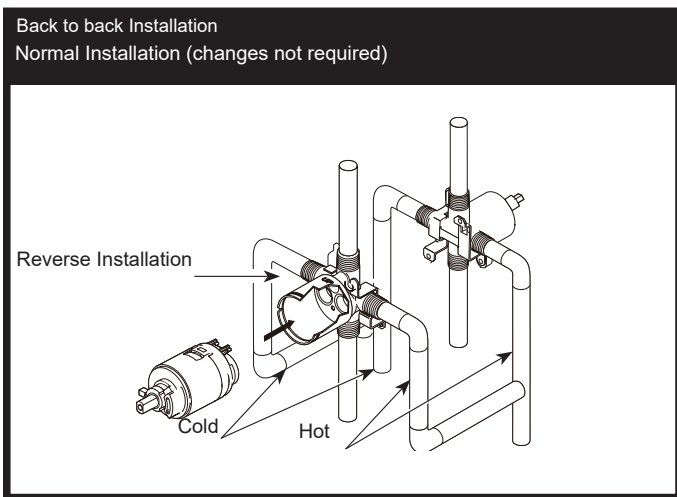


Study recommended valve configurations on stringers or framing: (A) Tub/Shower, (B) Shower Only.

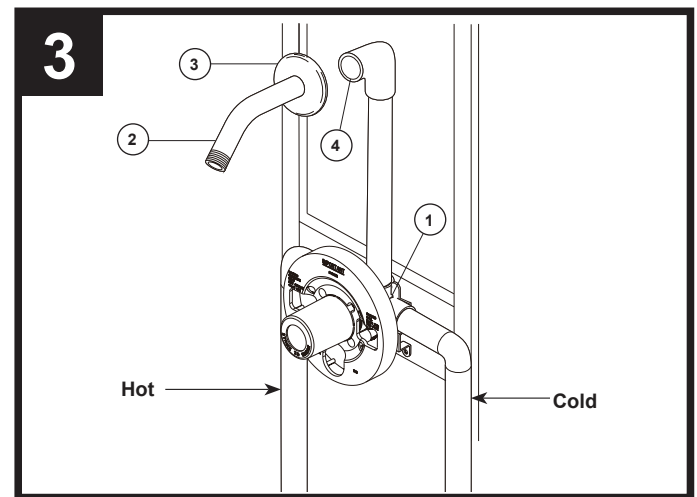


SHUT OFF WATER SUPPLIES

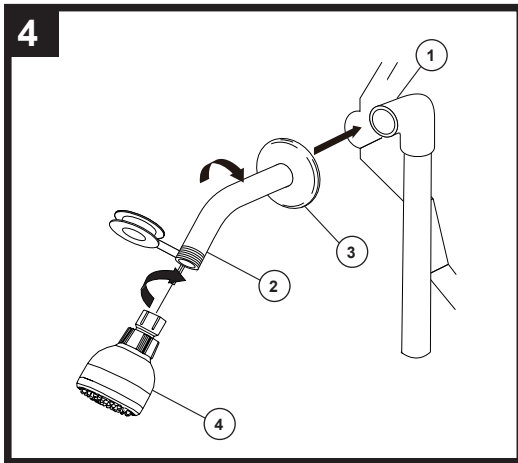
Remove old valve. Install new valve so that the arrows on the bracket (1) point upward. For shower only installation, plug bottom valve outlet with pipe plug (2) (not supplied). Note: Distance (3) from the stringer (4) to the front of the plasterguard is 2 3/4" ± 1/4" (70 mm ± 6 mm). This is the same distance to the finished wall (5).



For back to back or reverse installations (hot on right and cold on left) insert the cartridge 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 3.

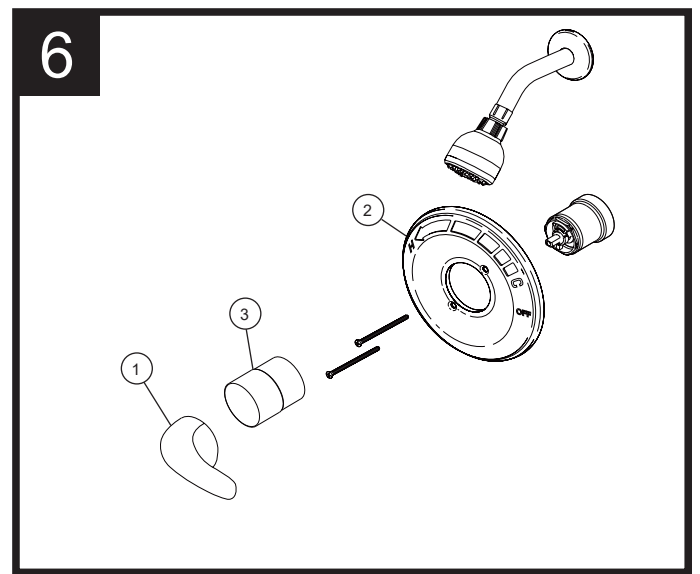
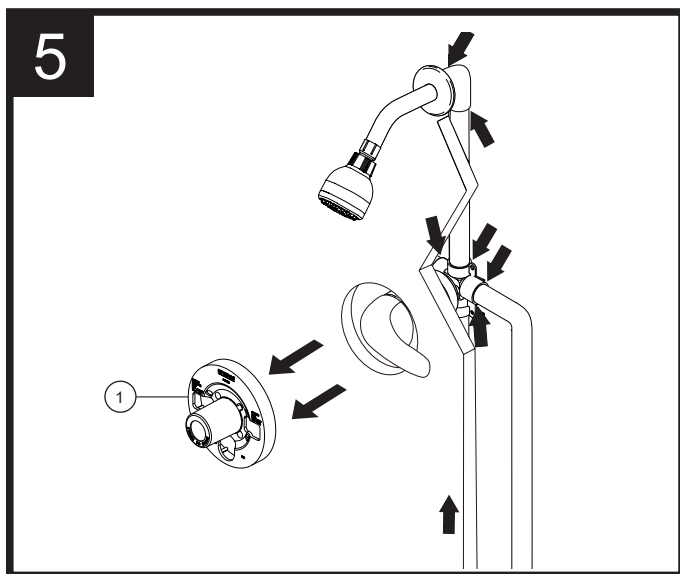


Connect water supplies to left (hot) and right (cold) valve body inlets. Iron pipe connections are shown; however, copper pipe may be used with proper adapters. Connect top outlet (1) to shower arm (2). Insert wall end of shower arm into flange (3) before screwing arm into riser connection (4).



SHOWER HEAD INSTALLATION FOR SHOWERHEAD INSTALLATION:

Connect top outlet (1) to shower arm (2) with proper fittings. To prevent damage to nish on shower arm, insert wall end of shower arm into shower flange (3) before screwing arm into riser connection. Thread showerhead (1) onto shower arm. Apply plumber tape to pipe threads on both ends. Do not overtighten showerhead.

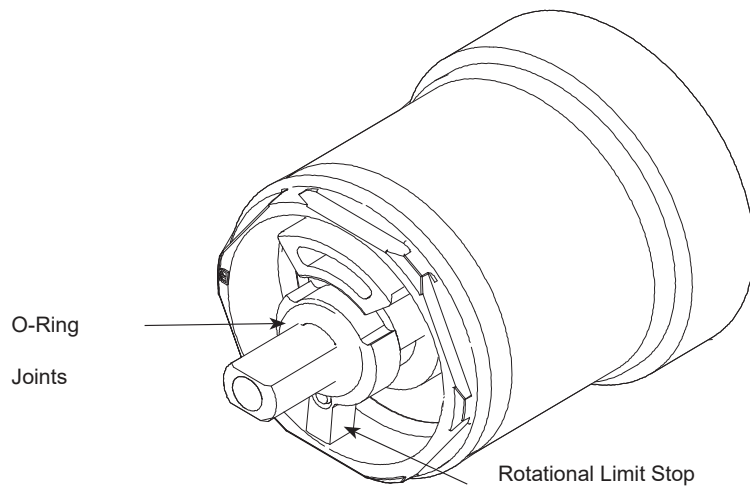


5 FLUSH SYSTEM / CHECK FOR LEAKS.

Remove plasterguard (1) from valve body. Note: plasterguard may be left in place for some mounting conditions. In this case, break the cover piece off of the plasterguard for access to the stem. Place handle on valve stem and turn handle to full on mixed position. Turn on hot and cold water lines to full open for one minute each. Check for leaks. Shut off water at faucet.

6 Remove handle (1). Attach escutcheon (2) with screws provided. Attach sleeve (3). Adjust the rotational limit stop (see Step 7). After adjusting the rotational limit stop, secure handle with set screw.

7



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, 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 clockwise, you progressively add more and more hot water in the mix. The last position clockwise 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 clockwise) 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.

Many experts insist that the water exiting the valve should never exceed 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 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 counterclockwise 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 o-ring to a position where it is possible to remove the Rotational Limit Stop and readjust the teeth engagement position to the desired temperature. Counterclockwise will decrease the outlet temperature, clockwise will increase the outlet temperature. Temperature change per tooth (notch) could be 2°F- 23°F based on inlet water conditions. Repeat as necessary. Push o-ring until fully seated.

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

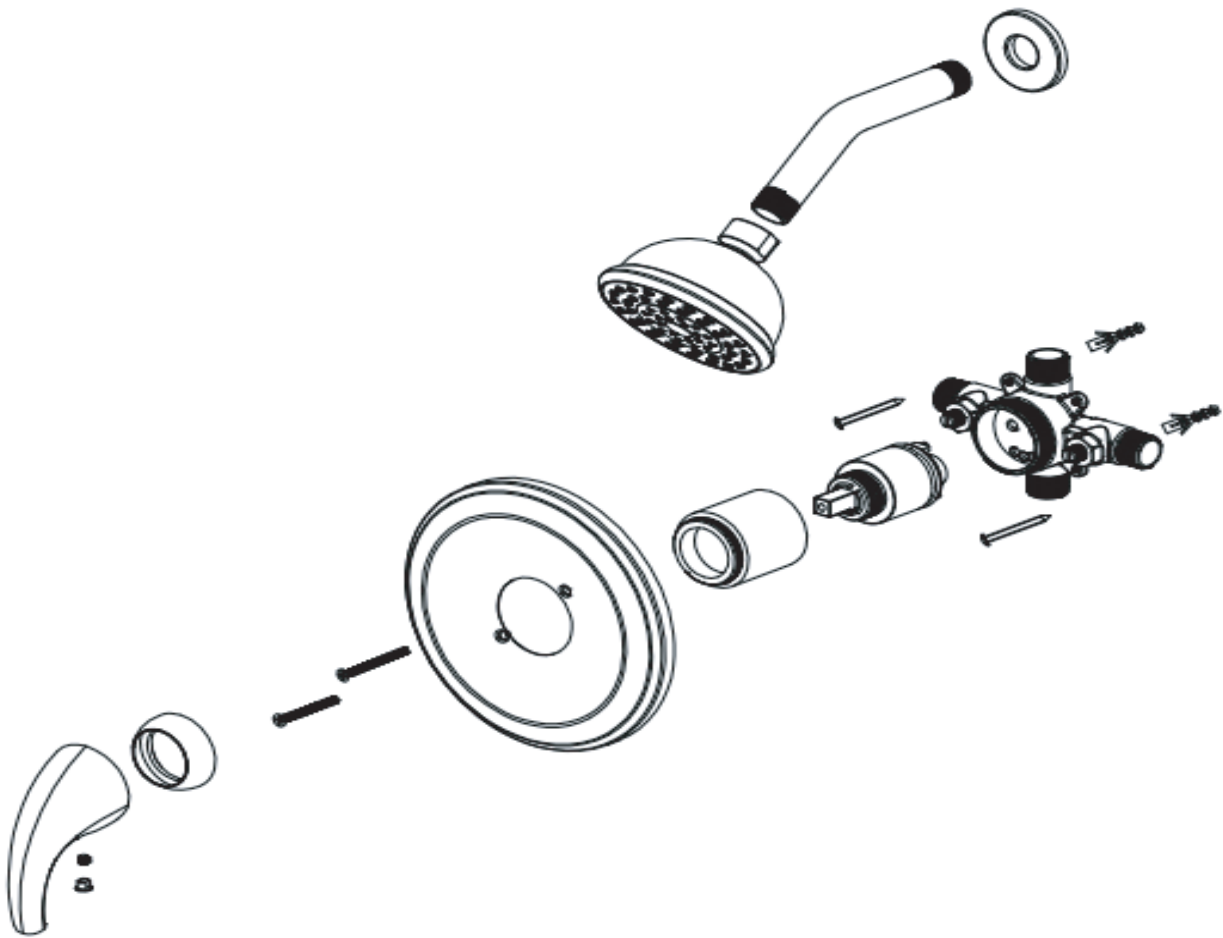
MAKE SURE COLD WATER FLOWS FROM THE VALVE FIRST. MAKE SURE WATER FLOWING FROM THE VALVE AT THE HOTTEST FLOW POSSIBLE DOES NOT

EXCEED 120°F OR THE MAXIMUM ALLOWED BY YOUR LOCAL PLUMBING CODE.

THIS VALVE MEETS OR EXCEEDS THE FOLLOWING STANDARDS:

CAUTION: This system/device must be set by the installer to insure 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 THE 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 Rotational Limit Stop 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 the instructions. After installation and adjustment, you must affix your name, company name and the date you adjusted the rotational.

Limit Stop to the caution label provided and apply or attach the label to the back side of the closet cabinet door and the warning label to the hot water heater. Leave this instruction sheet for the owner's/user's reference. **WARNING:** This pressure balanced bath valve is designed to minimize the effects of outlet water temperature changes due to inlet pressure 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 Rotational Limit Stop is not properly set, if the hot water temperature is changed after the Rotational Limit Stop is set, or if the water inlet temperature changes due to seasonal variations. The pressure balanced device does not control temperature, only pressure fluctuations. The limit stop doesn't control temperature variations, caused by inlet temperature variations.



Maintenance

When replacing a part, follow the illustrated instructions provided on the back of the Repair Part Kit.

If faucet leaks from around tub spout/showerhead:

SHUT OFF WATER SUPPLIES.

Replace Valve Cartridge,

If unable to maintain constant water temperature:

SHUT OFF WATER SUPPLIES. Replace Valve Cartridge

Care Instructions

Care should be given to the cleaning of this product.

To clean:

- Wipe gently with a damp cloth.
- Blot dry with a soft towel.