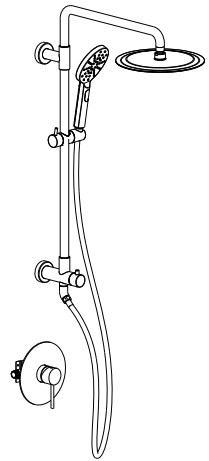




Installation Guide



**Circular
KSC403**

Before Installation



CAUTION

Failure to read these instructions prior to installation may result in personal injury, property damage, or product failure. Manufacturer assumes no responsibility for product failure due to improper installation.



DO NOT RETURN TO STORE

If you have any trouble, contact us before reaching out to the retailer. We'll make it right. Our customer service team will be glad to assist you with any assembly, missing part or questions that you may have about your products.

Contact KIBI 📞 855-883-0888 ✉️ support@kibiusa.com 🌐 www.kibiusa.com

PRIOR TO INSTALLATION

- 1- For best results, we recommend that this unit be installed by a licensed, professional plumber.
- 2- Please read over these instructions thoroughly before beginning installation. Make sure that you have all tools and supplies needed to complete the installation.
- 3- Please flush the water system to ensure that no metal swarf, solder, and other impurities can enter the faucet that might damage the cartridge. (Most of the leakages and water flow issues are from avoiding this very necessary step).
- 4- Turn off the hot and cold water lines at the angle valve and turn on the old faucet to release any built-up pressure.
- 5- Keep this booklet and the receipt (or other proof of date and place of purchase) for this product in a safe place. The receipt is required should it be necessary to request warranty parts.
- 6- Please keep the box and packaging materials until your product is completely installed and functional.

Cleaning and Care

Clean the faucet often with a soft cloth to keep it looking like new. For heavy cleaning you can use mild liquid detergents or non-abrasive liquid polisher. Rinse with water and dry with a soft cloth. Avoid abrasive cleaners, steel wool and harsh chemicals as these will dull the finish and void your warranty.

Tools you may need



Drill



Safety Glasses



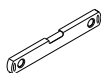
Phillips Screwdriver



Wrench



Silicone sealant



Level



Pencil



Plumbers Tape

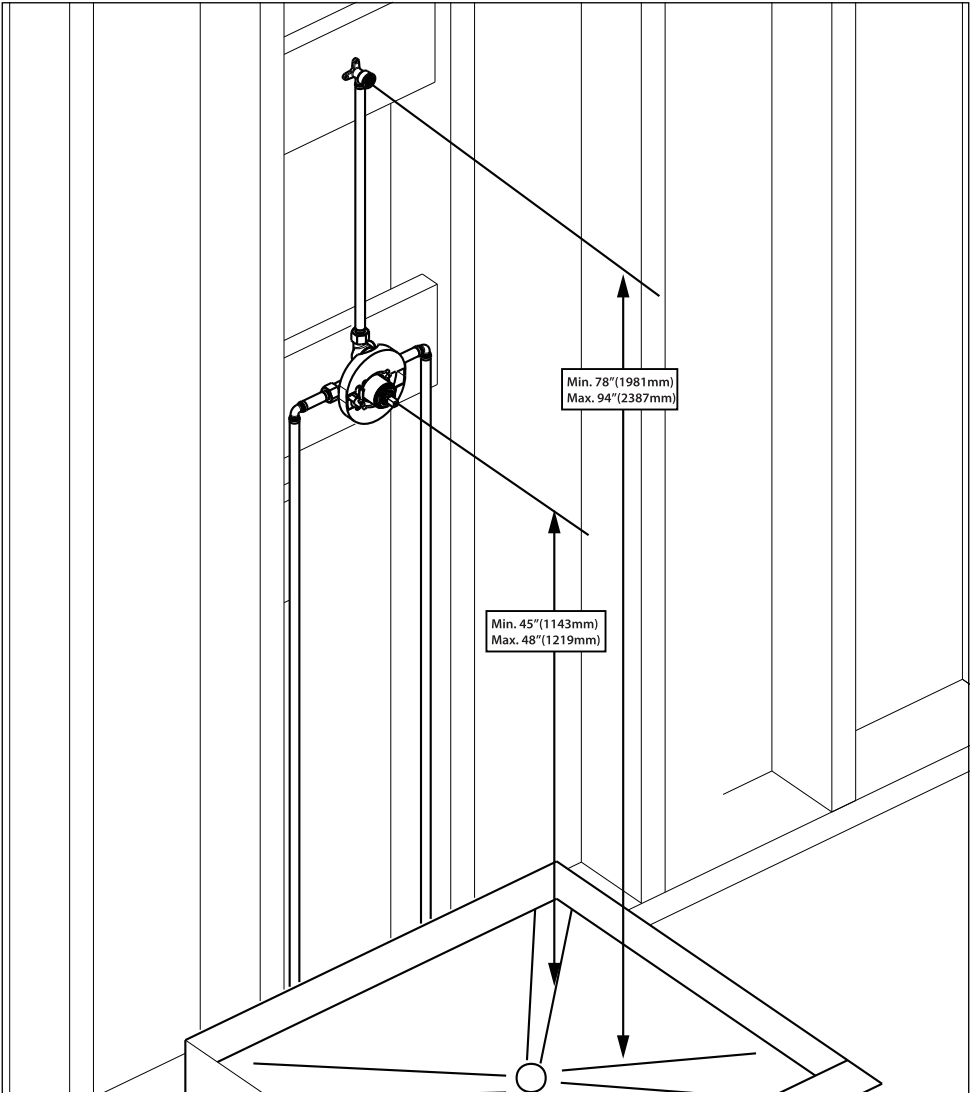


Tape Measure



Angle Grinder

Installation Schematics



Installation Schematics – Measuring for Ideal Tub/Shower Performance

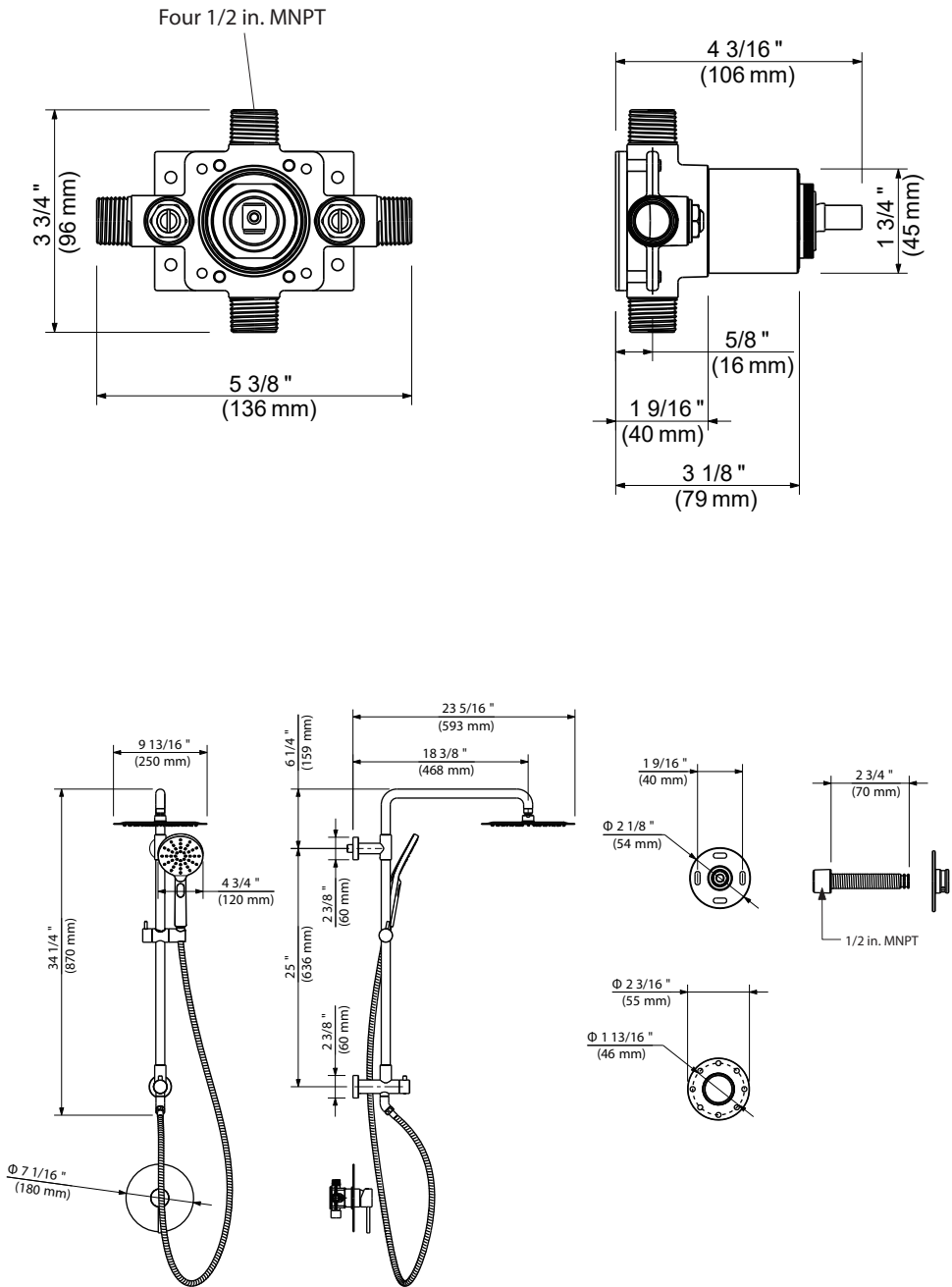
Installation of this product at non-recommended measurements may lead to issues such as water discharge from the showerhead during tub fill mode.

The shower arm should be placed 78-94 inches above the floor of the tub basin. (Follow shower arm instruction for proper threaded adapter installation).

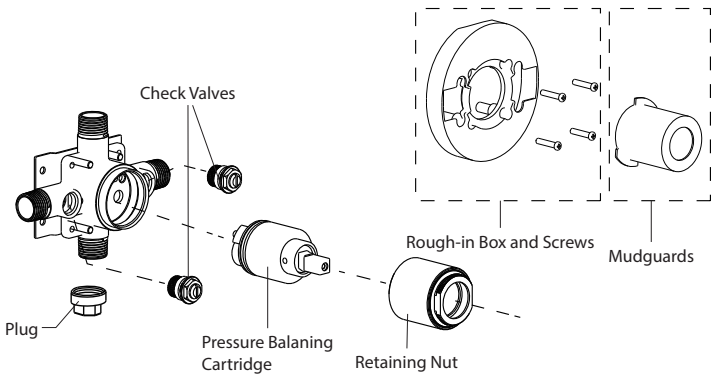
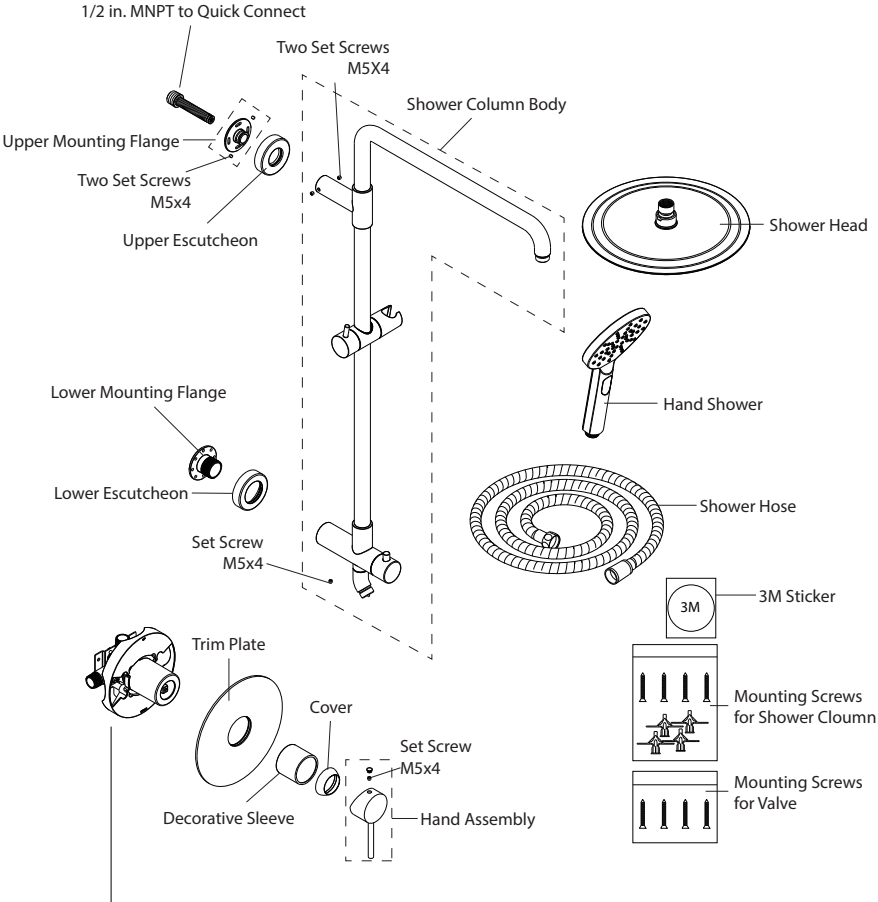
Position the valve body 45-48 inches from the floor of the tub basin. (Follow valve instruction for proper valve body installation).

Dimensions

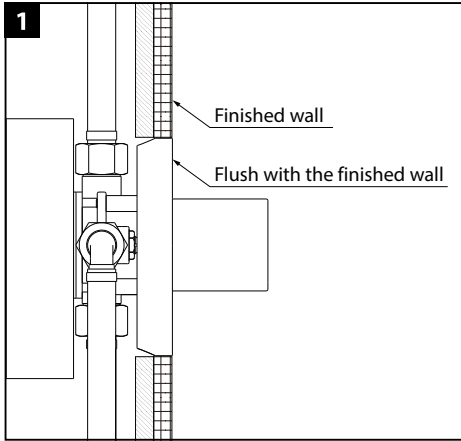
Critical dimensions show in mm



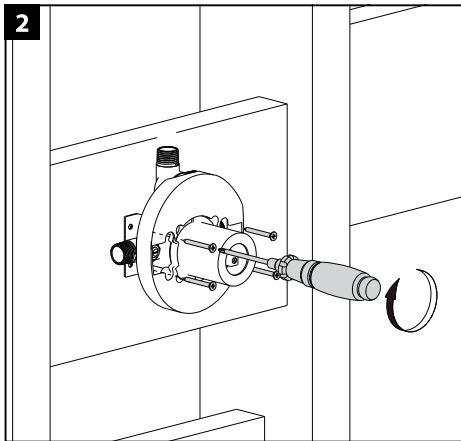
Parts List



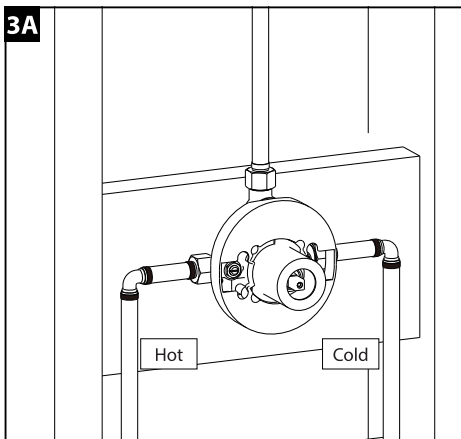
Valve Installation Instructions



SHUT OFF WATER SUPPLIES. Consider the type and thickness of your finished wall before placing your stringer back plate.



Install the body so the surface of the finished wall is flush with the front of the rough-in box. Make sure the word "UP" are on top of the valve body when installing.



Connect the valve body to water supplies using proper fittings (copper tubing, iron pipe or PEX). **Note: For PEX, be sure to use the right fitting for crimping and the right tool for cold expansion.**

If any of the two outlet ports is to be unused, seal the port with a pipe plug.

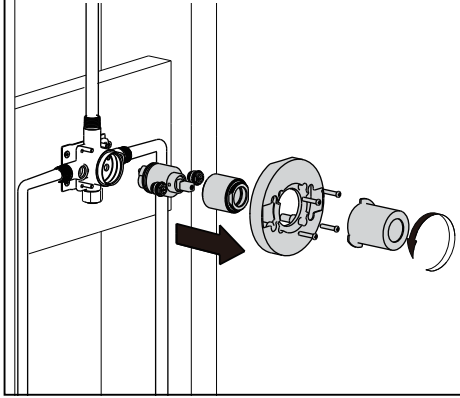
Note: Left is the hot inlet port and right is the cold inlet port.

If you are making a back-to-back or reverse installation (hot on the right and the cold on left) install the valve body as described, but the water supply lines will be reversed.

Note: Right is the hot inlet port and left is the cold inlet port.

Valve Installation Instructions

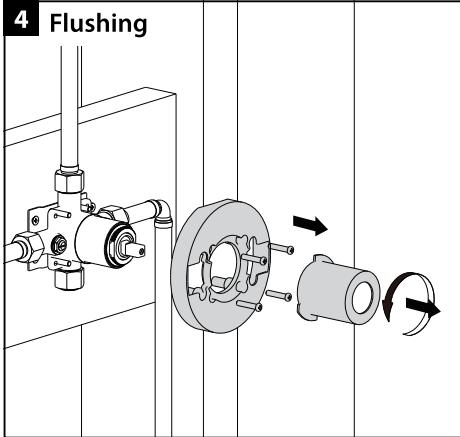
3B For 1/2" Copper Tube Soldering



Solder water supply tube to the valve body.

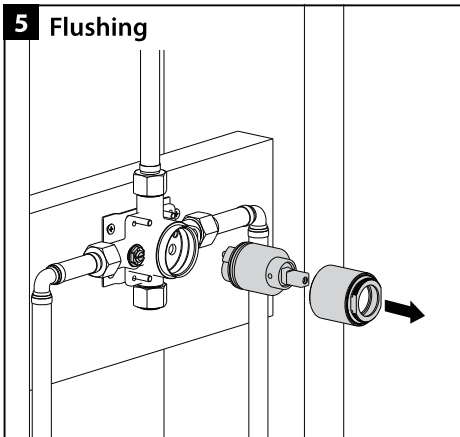
Note: Prior to soldering remove check stops, pressure balancing cartridge. Remove check stops by loosening hex nut counterclockwise. Remove the pressure balancing cartridge by unscrewing retaining nut with an adjustable wrench. Avoid soldering excessively at high temperature.

4 Flushing



Remove the round mudguards by turning counterclockwise.
Remove the rough-in box.

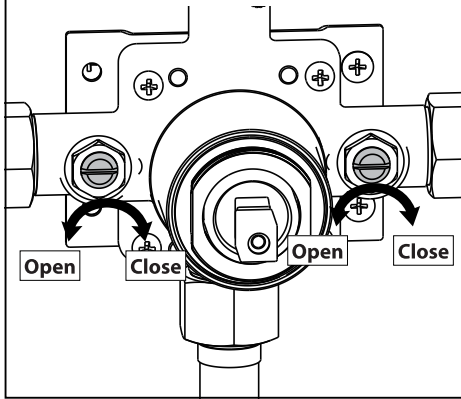
5 Flushing



Remove pressure balancing cartridge by unscrewing retaining nut with an adjustable wrench.
Slowly turn on both hot and cold supplies and flush out the valve body and lines.
Close the check stops and reinstall the cartridge.

Valve Installation Instructions

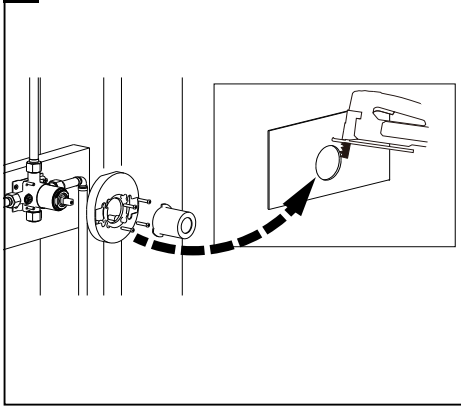
6 Pressure Testing



With both check stops in the fully OPEN position, turn on cold and hot water supplies and conduct a system water pressure leak test.

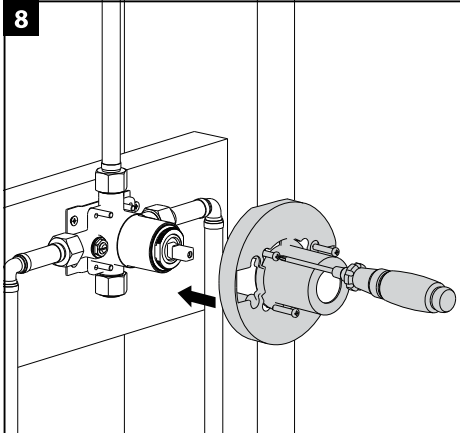
Note: To protect the valve, keep mudguards and rough-in box on during installation. Remove only when you are ready to install trims.

7



Use the rough-in box as a template to cut the wall properly.

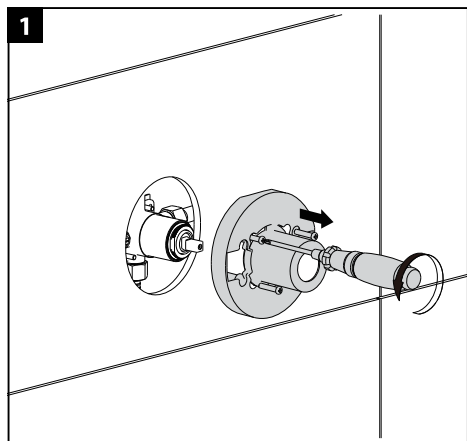
8



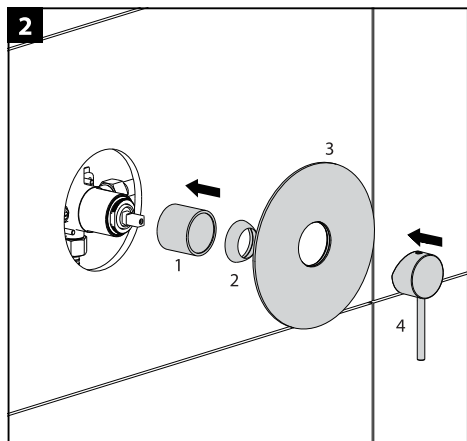
Reinstall rough-in box and round mudguards by turning clockwise and complete the wall finish installation.

Note: In keeping with standard plumbing practices it is essential that all tub/shower systems be tested extensively for leaks before the finishing wall, (tile, etc.) is completed. Also ensure that the check stops are exposed, (not covered by tile, boarding etc.) under the removable trim plate. The trim plate should completely cover the rough-in opening when attached. (Having access to these stops allow you to stop the water flow to your shower system without turning off the water to the rest of the bathroom or home.)

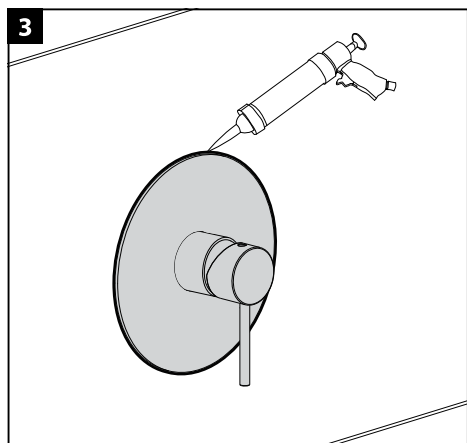
Trim Installation Instructions



Remove the rough-in box and discard.



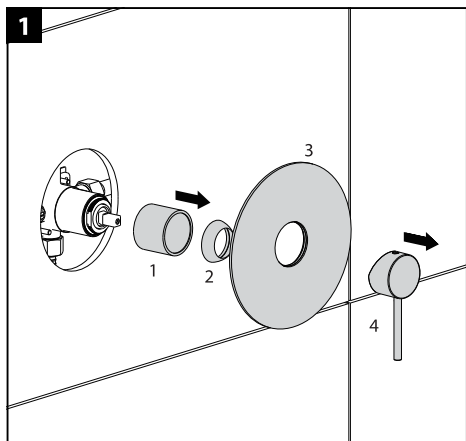
Slide large decorative tube(1) and cartridge cover(2) onto the pressure balancing valve. Use water to wet the round rubber gaskets on the cover plate(3) and slide cover plate over(3) decorative tube. Gently press cover plate(3) against the finished wall. Install cartridge handle(4). Secure by tightening set screw by using the supplied Allen Wrench. Cover the hole with the supplied plug.



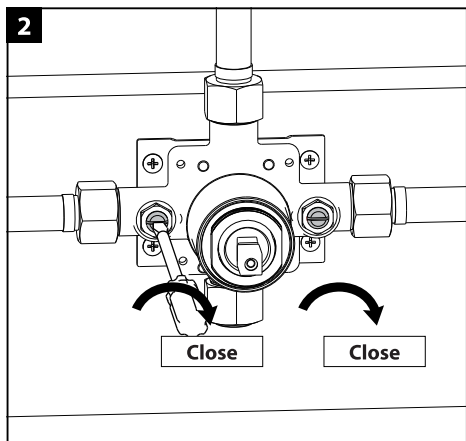
When firmly securing the trim plate onto the wall, apply a thin layer of silicone sealant around its perimeter to prevent water splashes from entering the wall.

Make sure not to apply it to the back of the trim plate, in order to avoid potential issues during future disassembly.

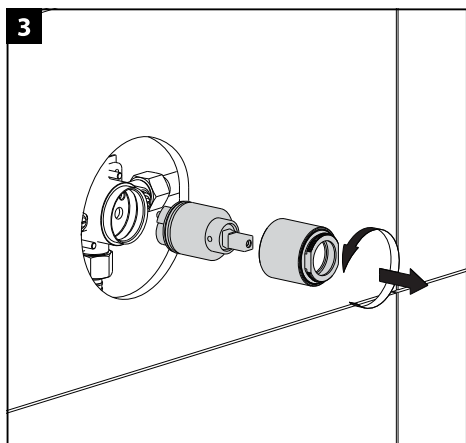
Cleaning and Maintenance Instructions



Remove cartridge handle(4) and trim panel(3). Remove the decorative ring(2) and decorative sleeve tube(1).



Using light force only, turn 2 check stops clockwise to close the check stops with the flat head screwdriver, until you feel resistance, the check stops are in the closed position.



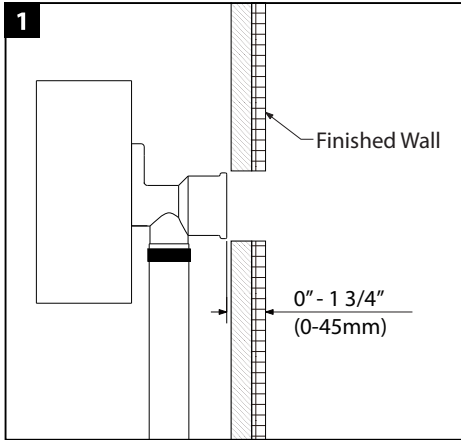
Remove the retaining nut using an adjustable wrench.

Use two fingers to grasp the stem of the cartridge and wiggle, then pull out.

Shake cartridge and ensure that a clicking sound is heard, which means the pressure balancing spool moves freely and works properly.

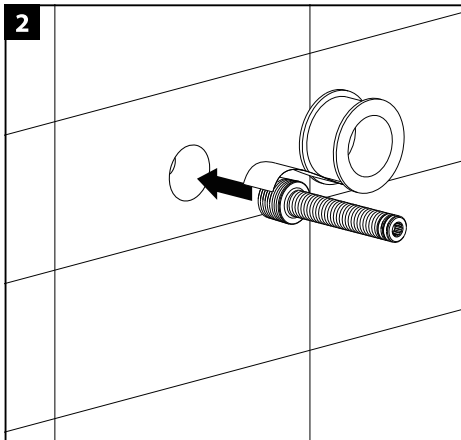
You may soak the cartridge in 50-50 vinegar/water mix to remove any calcium and mineral build-up. Replace the cartridge if it is damaged.

Shower Column Instructions

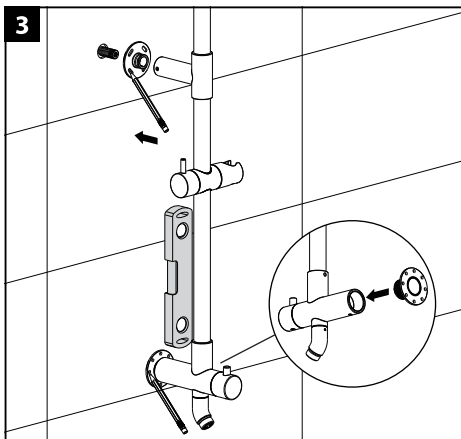


The drop ear elbow should be positioned so that it doesn't protrude beyond the finished wall. The ideal distance from the finished wall is 0" - 1 3/4" (0-45mm).

Note: Shut off water suppliers.



Wrap enough Teflon tape around the 1/2 in. MNPT thread of the connector, then use a 1/4"(6mm) Allen key to thread it into the drop ear elbow mounted inside the wall.



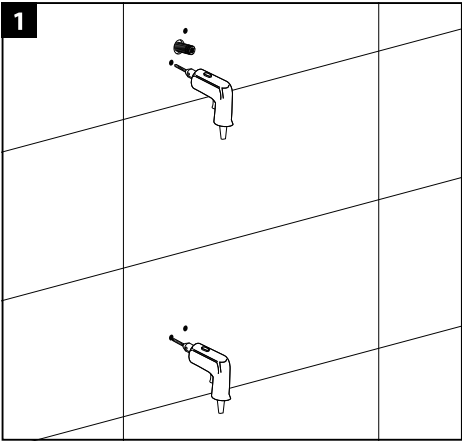
Install the upper mounting flange onto the connector and insert the lower mounting post into the lower post of the shower column by hand. Install the shower column onto the upper mounting flange, making sure there's no gap between the shower column and the upper mounting flange.

Level the shower column.

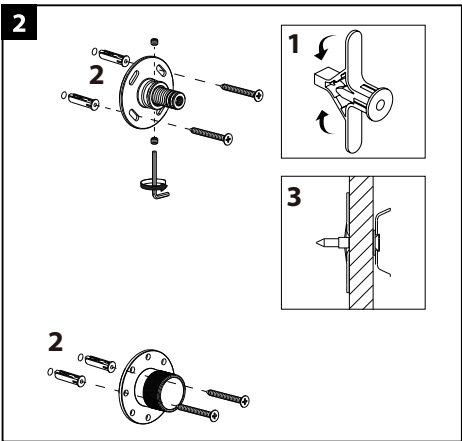
Mark the center slots of the upper mounting flange, as well as the center slots around the lower post and the lower mounting post.

Note: These marked points will be where you'll drill holes to install the toggle bolts. Ensure that there are no plumbing, electrical, or other obstructions behind the wall in these areas.

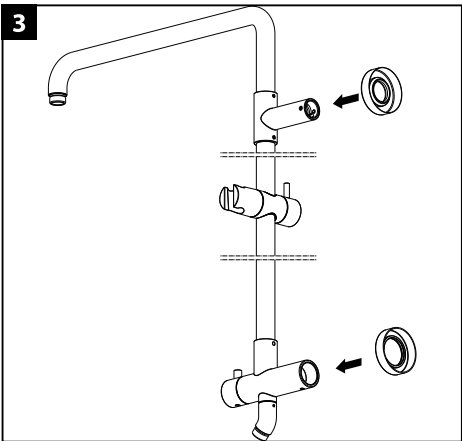
Shower Column Instructions



Remove the shower column and the mounting flanges from the wall then drill the holes.
Note: Kibi suggested to drill holes for lower mounting post installation, But if drilling holes may broken the pipes inside, the 3M sticker in the package are suggested to use.

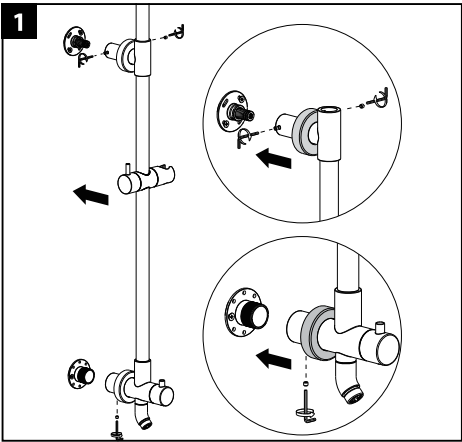


Use the provided drywall anchors and screws to install the upper and lower mounting flanges at their respective marked positions
Secure the upper mounting flanges to the connector using the provided hex screws.

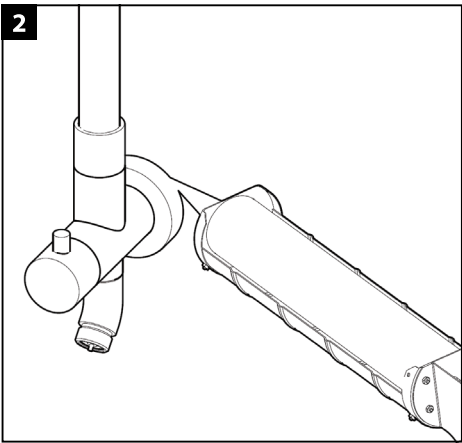


Assemble the upper escutcheon and lower escutcheon onto the upper and lower post of the shower column, respectively.

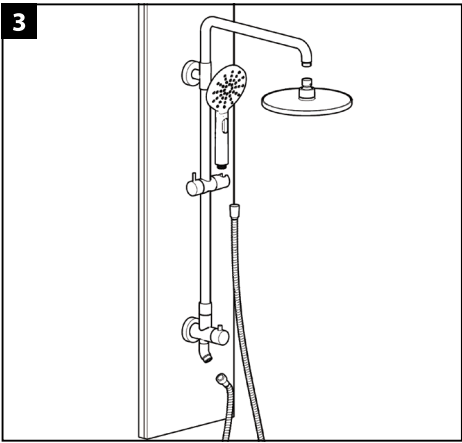
Shower Column Instructions



Install the shower column onto the upper and lower mounting flanges. Then use the hex wrench to tighten the hex socket screw set.



Slide the upper and lower escutcheons back against the finished. Apply silicone sealant to the rear lip of the upper and lower escutcheons.



Install the shower head, hand shower, and hose. Turn on the main water valve.

Note: Check for any leaks.

Limited Lifetime Warranty

Thank you for choosing Kibi USA faucets and accessories. We are dedicated to providing you with exceptional products that are built to last. Kibi USA is proud to offer a comprehensive limited lifetime warranty on our kitchen and bathroom faucets and accessories. Here are the details of our warranty policy:

Kibi USA warrants the structure and finish of the faucets and accessories to be free from defects in material and workmanship under normal usage for as long as the original purchaser resides in the residence in which the product was first installed. Additionally, the following warranty periods apply to specific components:

- **Sprayhead Assembly:** Kibi warrants the sprayhead assembly, including the engine, aerators, structure, restrictors, backflow preventers, sprayer hoses, and braided supply line hoses (nylon, silicon, and stainless steel), to be free from defects in material and workmanship under normal usage for a period of one (1) year from the date of purchase.
- **Cartridge:** Kibi warrants the faucet's cartridge to be free from defects in material and workmanship under normal usage for a period of five (5) years from the date of purchase.