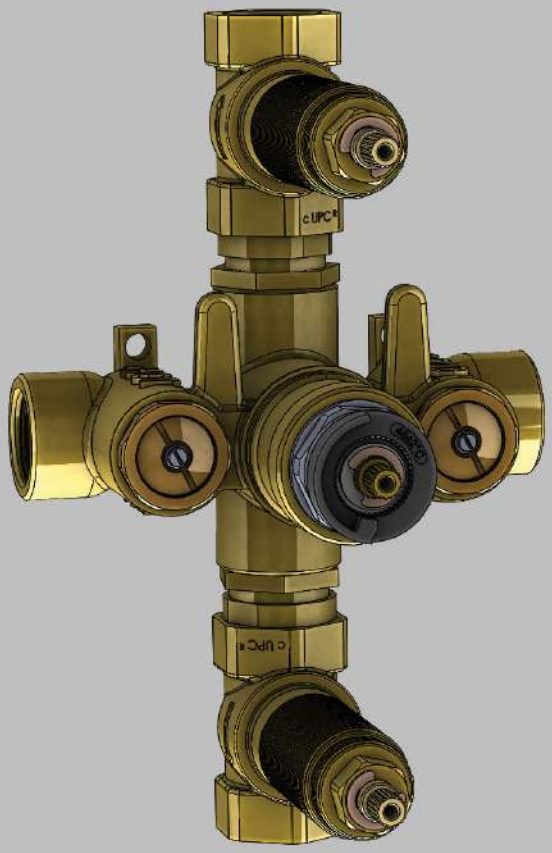
FLUSSO
LUXURY PLUMBING FIXTURES

Installation Manual - TVH.4401

3/4" Thermostatic Valve With Two Volume Controls

Use With Trims Ending in *4401



BEFORE YOU BEGIN

- You must observe all local plumbing laws and codes.
- Do not install this valve if it does not meet local plumbing codes.
- Shut off the main water supply.

Ver. 2.54

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NOTICE TO HOMEOWNER

- We recommend that this product is installed by a qualified professional plumber.
- Please check this product immediately to ensure that it has not been damaged and is complete. Before installation, please make sure this product is the correct model and you have all the parts required for installation and use.
- Please flush the water system to ensure that no metal swarf, solder, and other impurities can enter the product.
- Turn off water supply before commencing work.
- Please read these instructions carefully and retain for future reference.

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OPERATING SPECIFICATIONS

WATER TEMPERATURE

This product is to be used with water at a temperature range of 40˚F - 120˚F ONLY!

WATER PRESSURE

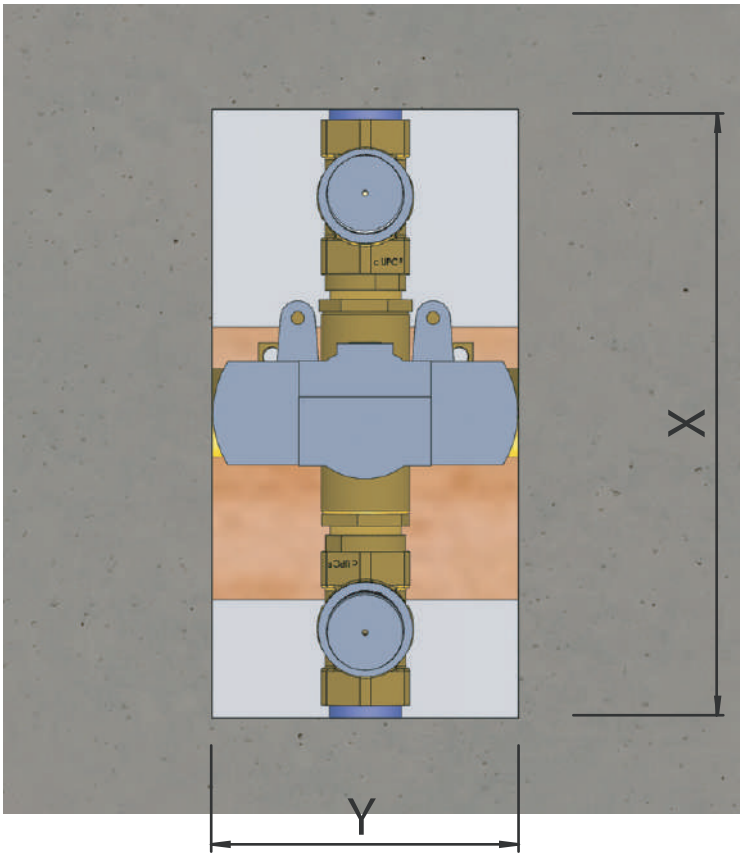
This product is to be used with a water pressure range of 15 PSI to 80 PSI ONLY

If water pressure is greater than 80 PSI install a pressure reducing valve (PRV)

This valve meets or exceeds ANSI A112.18.1 and ASSE 1016

This valve is certified by IAPMO

CUT OUT DIMENSIONS

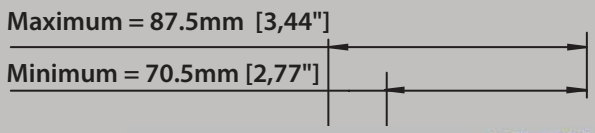


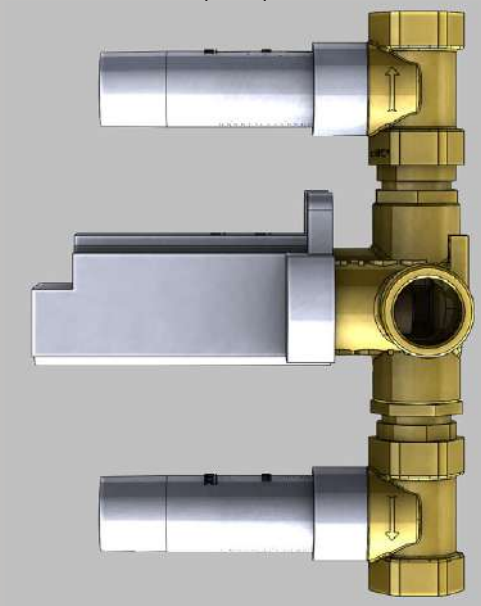
Flusso's TVH Series valves comes with a black pre-attached mud-guard. This mud-guard is not to be removed or discarded. Its purpose is to guide the installation professional on the proper cut-out dimensions of the drywall.

Wall Cut Out Dimensions From **Center Point** of Valve:

TVH.4401
X = 224mm / 8.81"
Y = 113mm / 4.44"

ROUGH IN SPECIFICATION

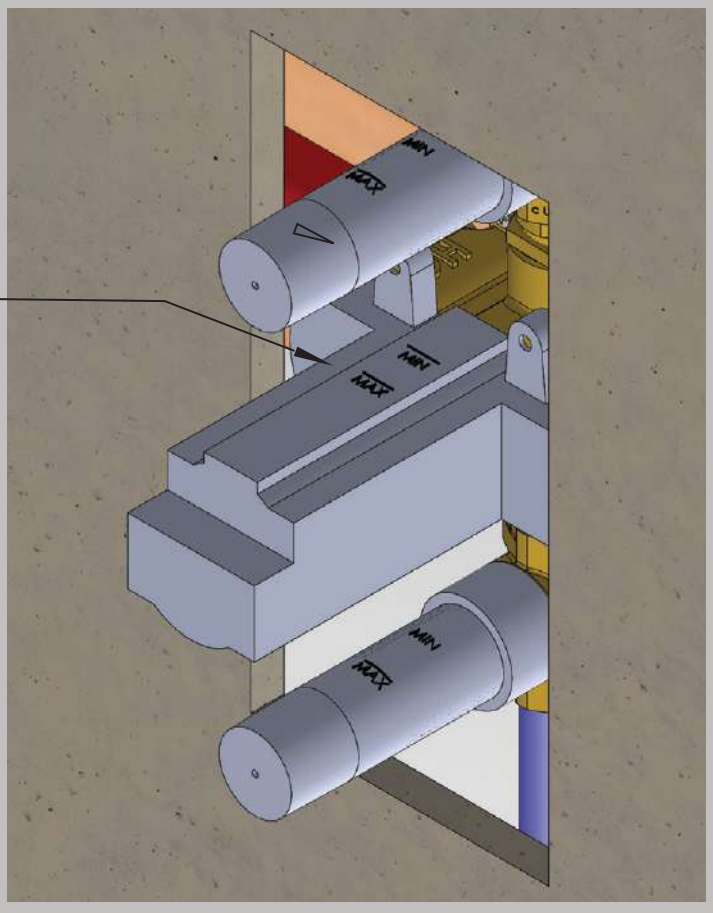




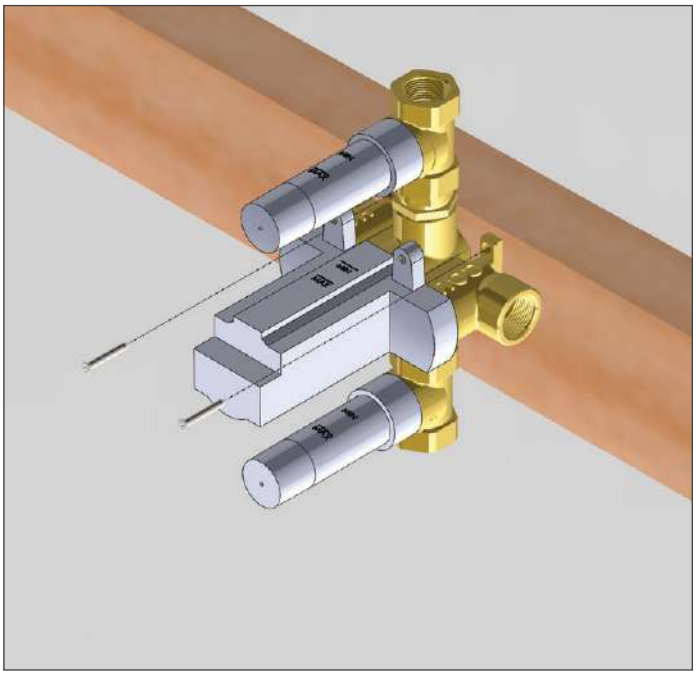
The distance between back of the valve to the finished tile surface should be between 2.77" and 3.44" inches.

Finished tile should fall between Min & Max.

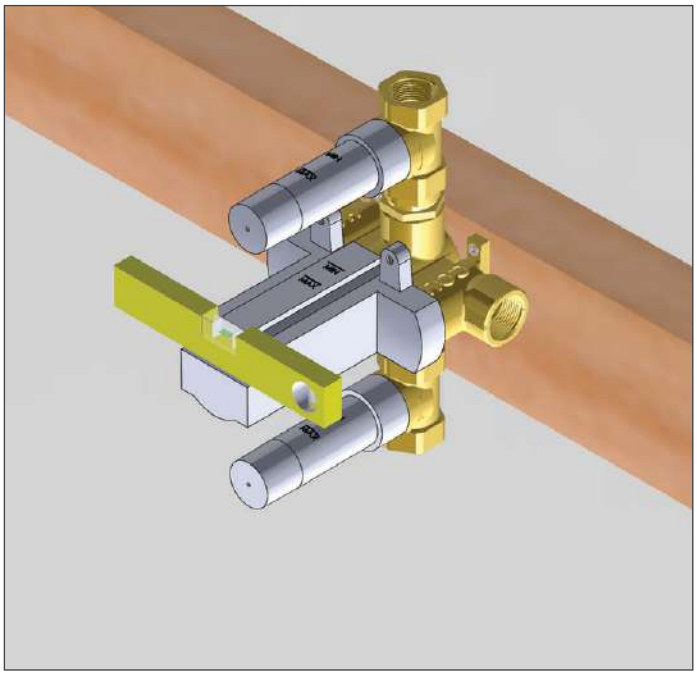
If valve is installed too deep into the wall, extensions are available.



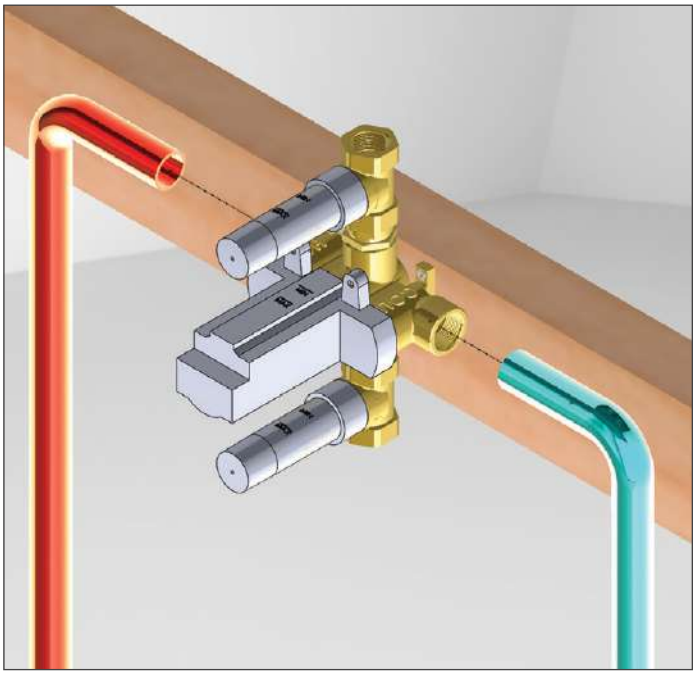
CONNECTING THE SUPPLY & OUTPUT LINES



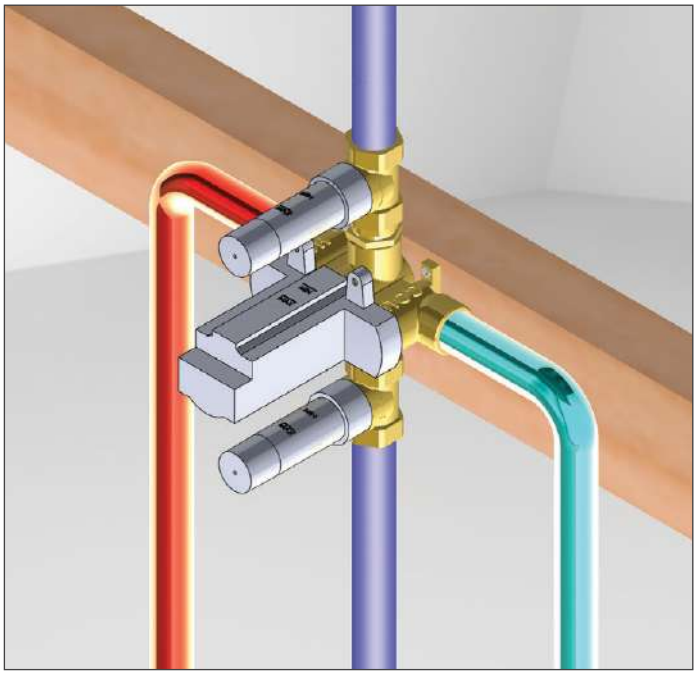
Fix Valve on wooden plank



Level Valve

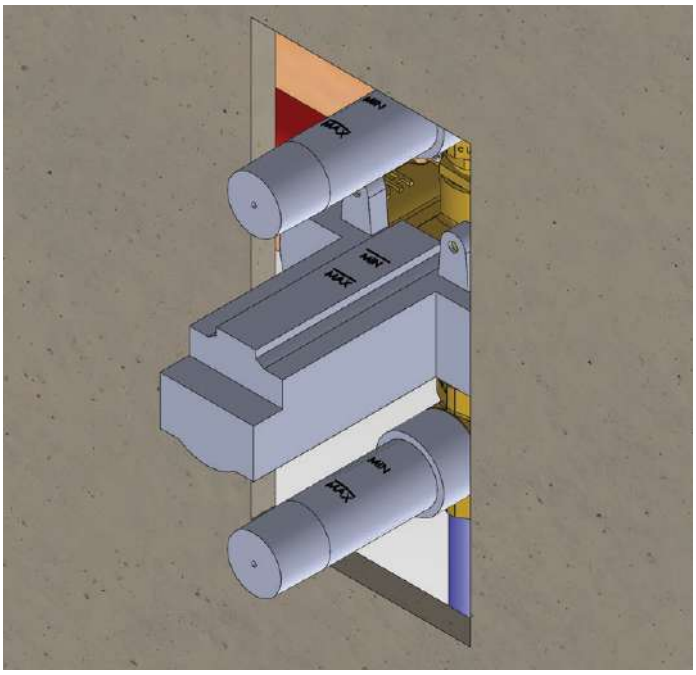


Attach Hot/Cold Lines



Attach Output Lines

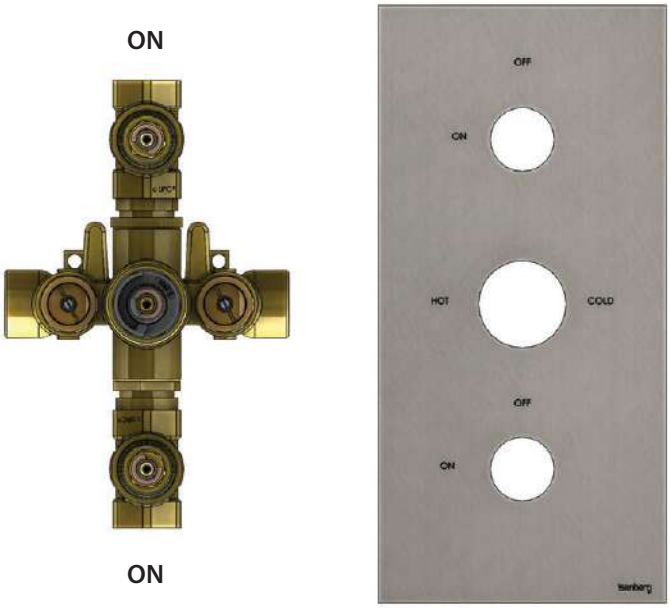
FINISH TILE POSITION



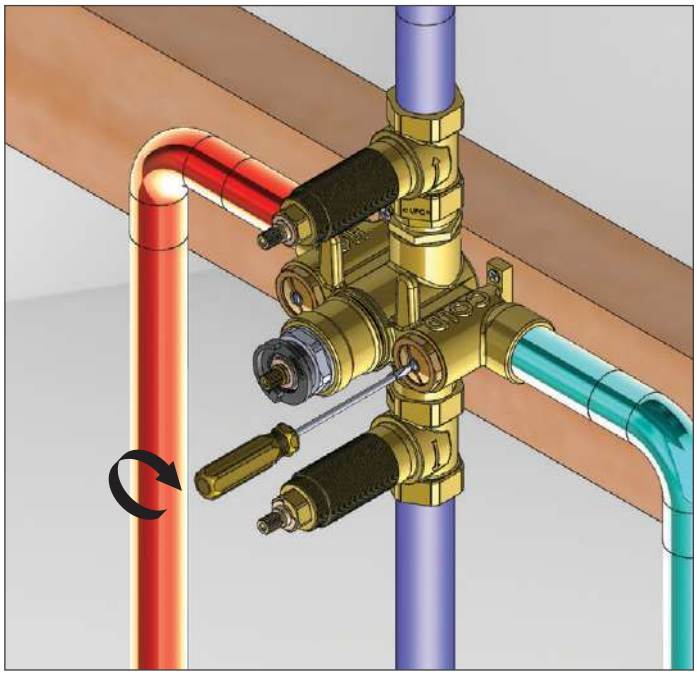
Install Drywall and Tile. Ensure finished tile surface is between the min and max marks on the mud guards.

TRIM MARKINGS / WATER OUTPUT

The below diagram shows the markings on the trim plate and the outputs on the valve. This will help the installation professional to connect the appropriate accessories to the valve output ports



USING THE SUPPLY STOPS



Turn Clock-wise 7 times to stop water flow.

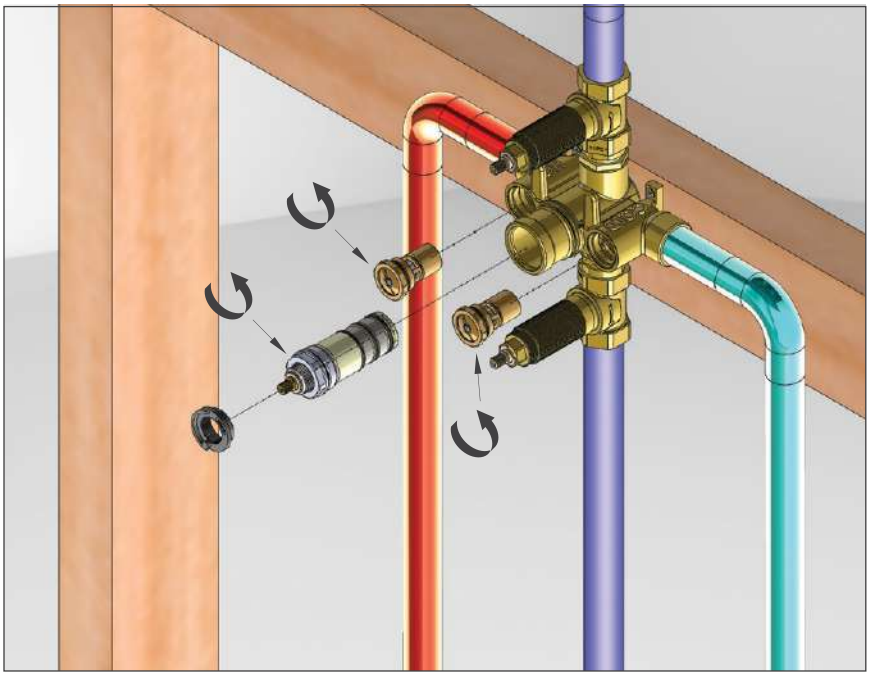
FLUSHING THE VALVE

In order to clear dirt in the lines - you must flush the valve before the wall is closed and water is turned on for the first time.

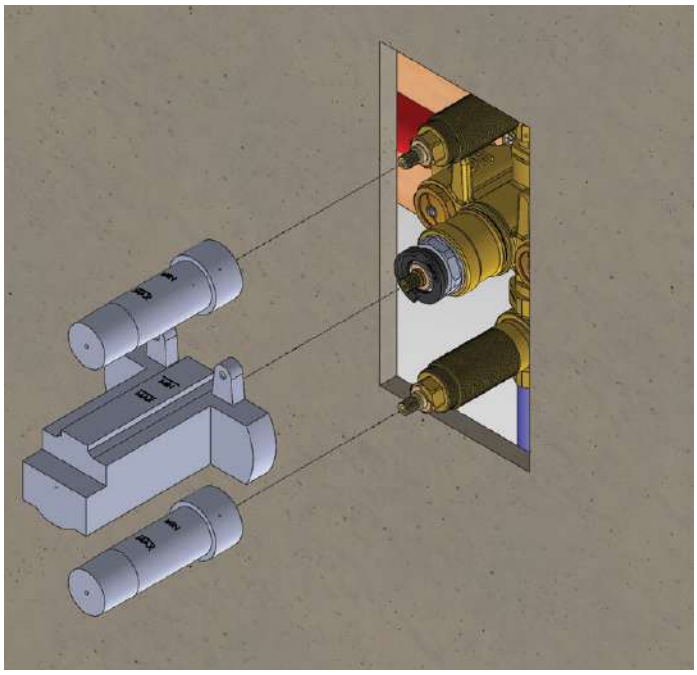
1) Remove the 2 supply stops by turning with a spanner

2) Remove thermostatic cartridge by turning with a spanner

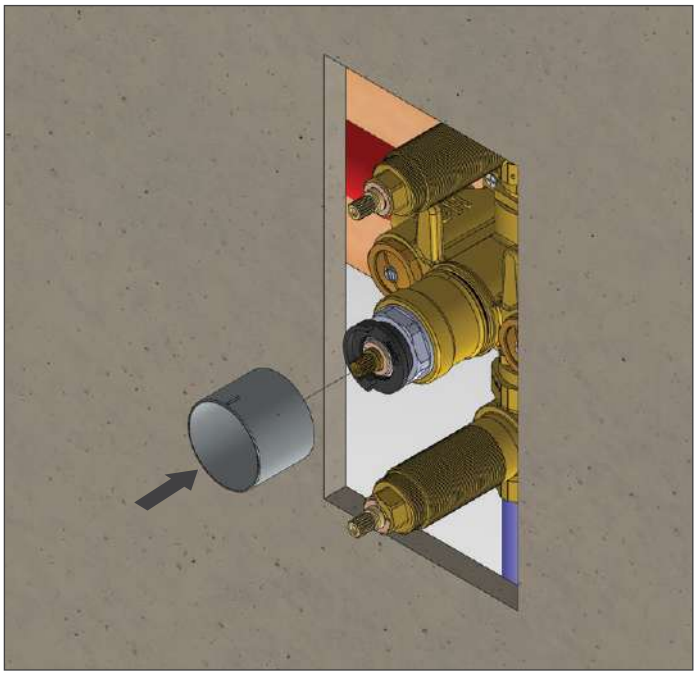
3) Turn on water supply and let water flow removing any dirt in the lines.



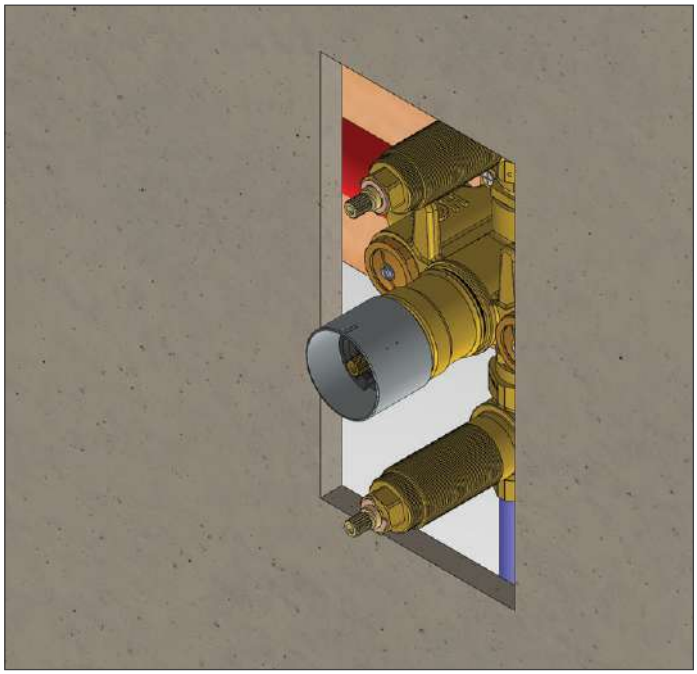
INSTALLING THE TRIM - TRIM PLATE SIZE AND SHAPE MAY VARY - ILLUSTRATION ONLY



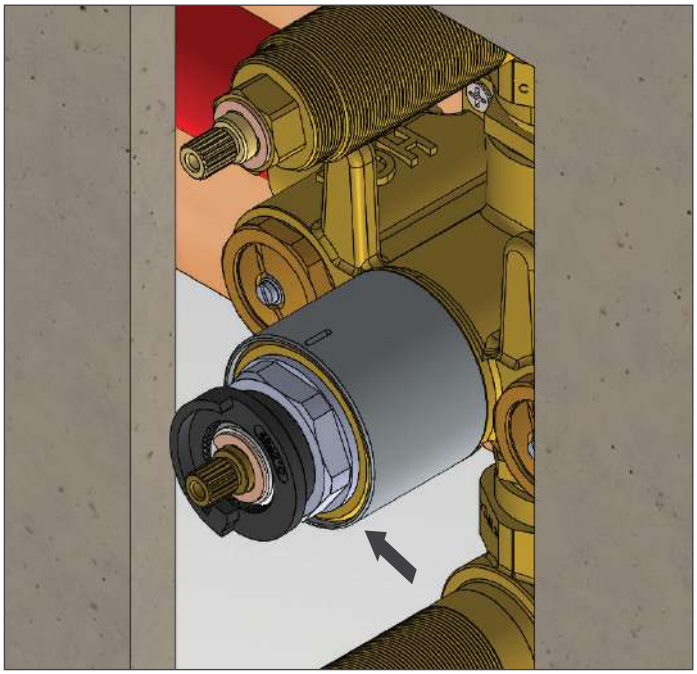
Remove mud guards



Install 42mm ring

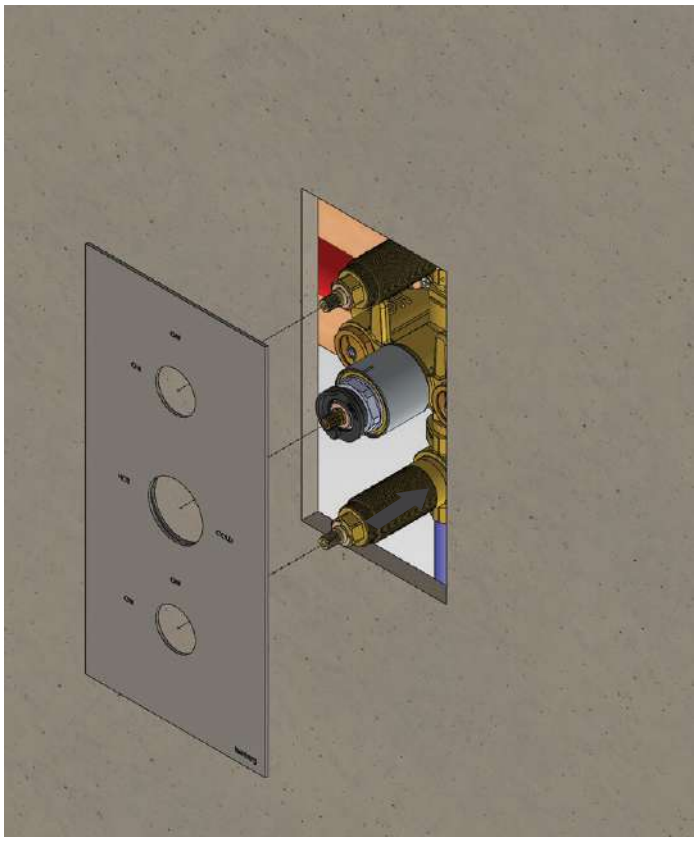


A hard push may be required

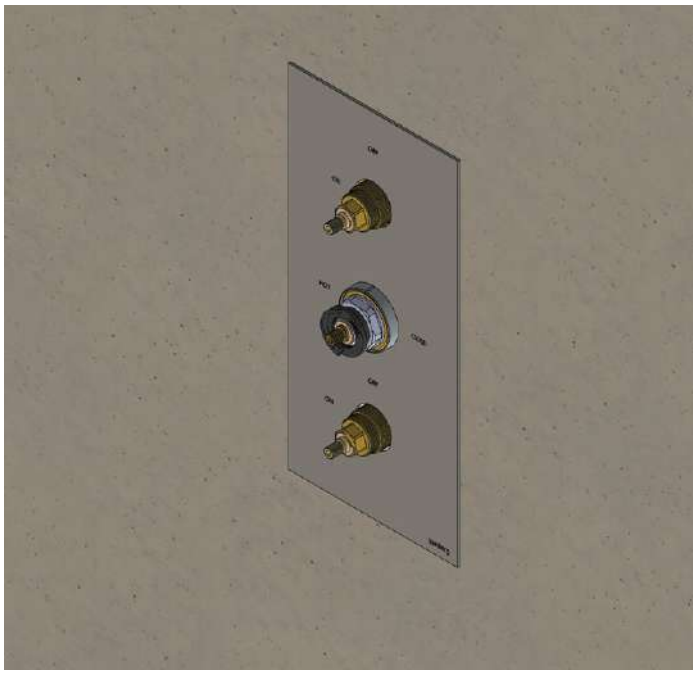


The 42mm ring must be flush. Otherwise the handle will not fit properly

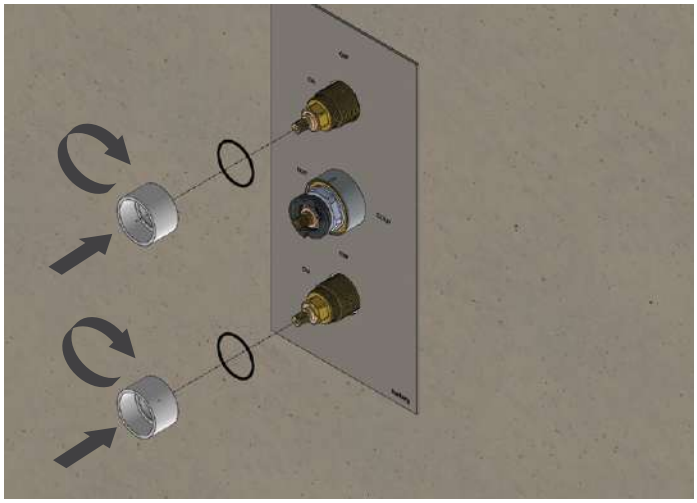
INSTALLING THE TRIM - TRIM PLATE SIZE AND SHAPE MAY VARY - ILLUSTRATION ONLY



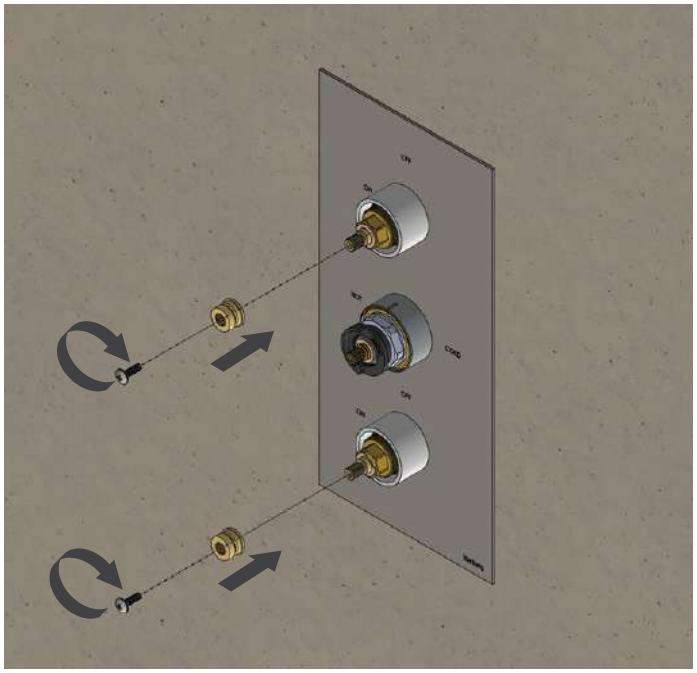
Insert trim plate



Align Trim plate till it is straight

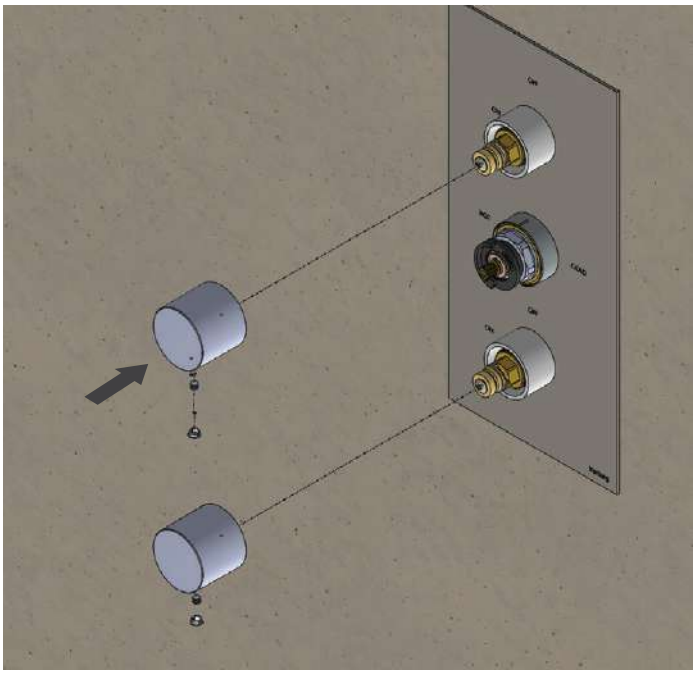


Insert adapter base and tighten

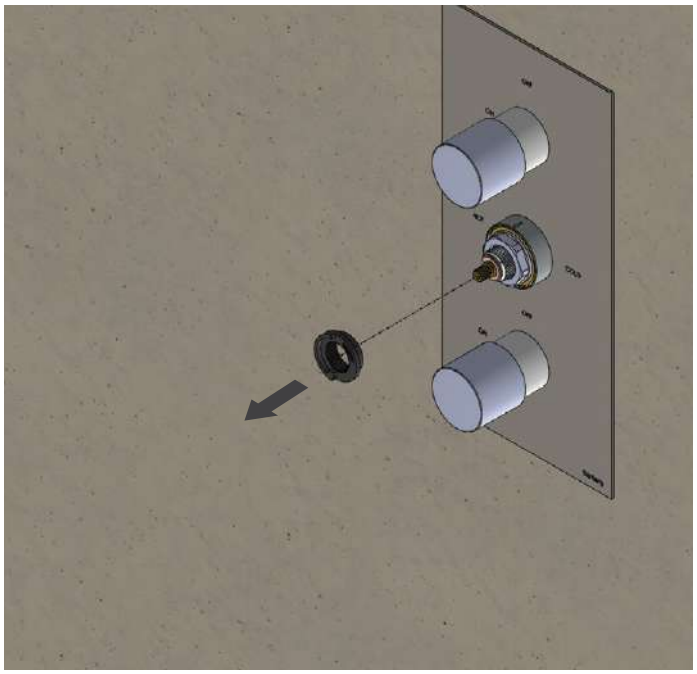


Insert centering knob & screws

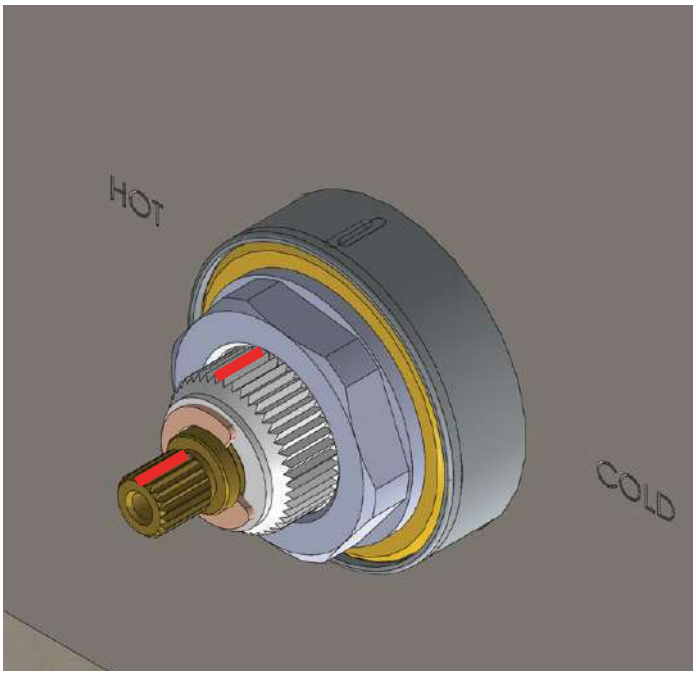
INSTALLING THE TRIM - TRIM PLATE SIZE AND SHAPE MAY VARY - ILLUSTRATION ONLY



Insert volume handle. Tighten hex screw & insert cover button



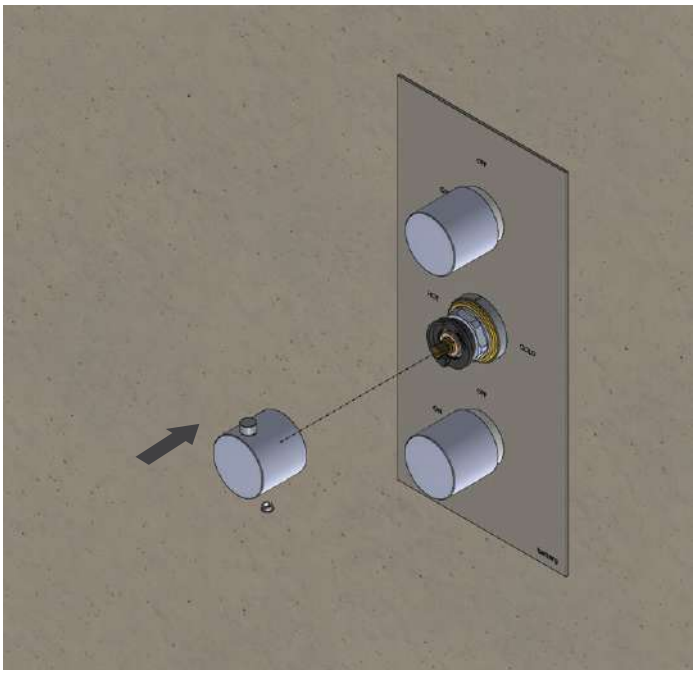
Remove anti-scald temperature ring



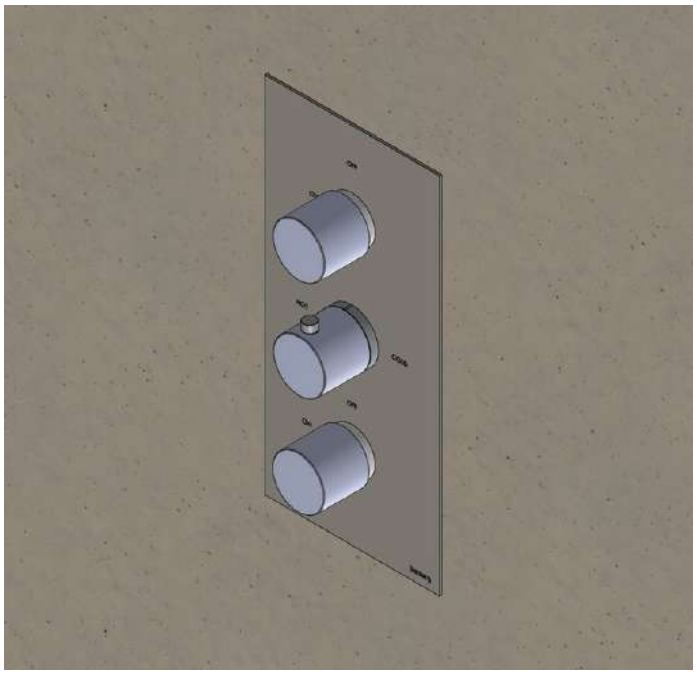
Caliberate cartridge before inserting temperature handle. Red marks must align.

Correctly re-insert anti-scald temperature ring in the right position

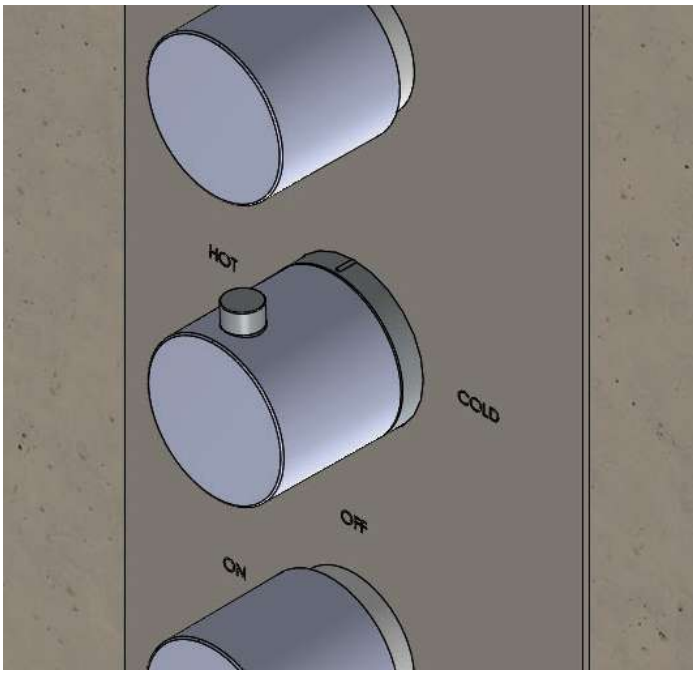
INSTALLING THE TRIM - TRIM PLATE SIZE AND SHAPE MAY VARY - ILLUSTRATION ONLY



Insert temperature handle. Tighten hex screw & insert cover button

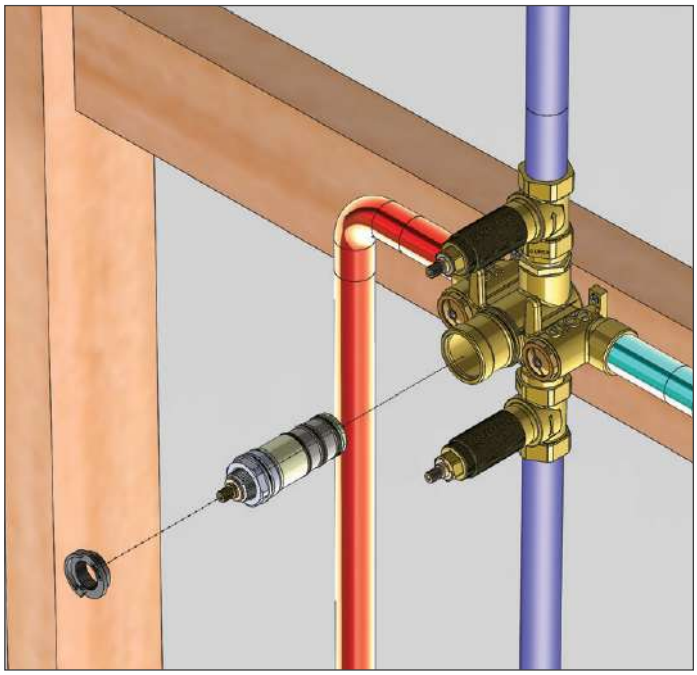


This photo shows a completely installed trim



The button on the temperature handle is an anti scald feature. In order to rotate the handle further to “HOT” the button must be pressed

REPLACING THE THERMOSTATIC CARTRIDGE



1. Remove Anti-Scald Ring

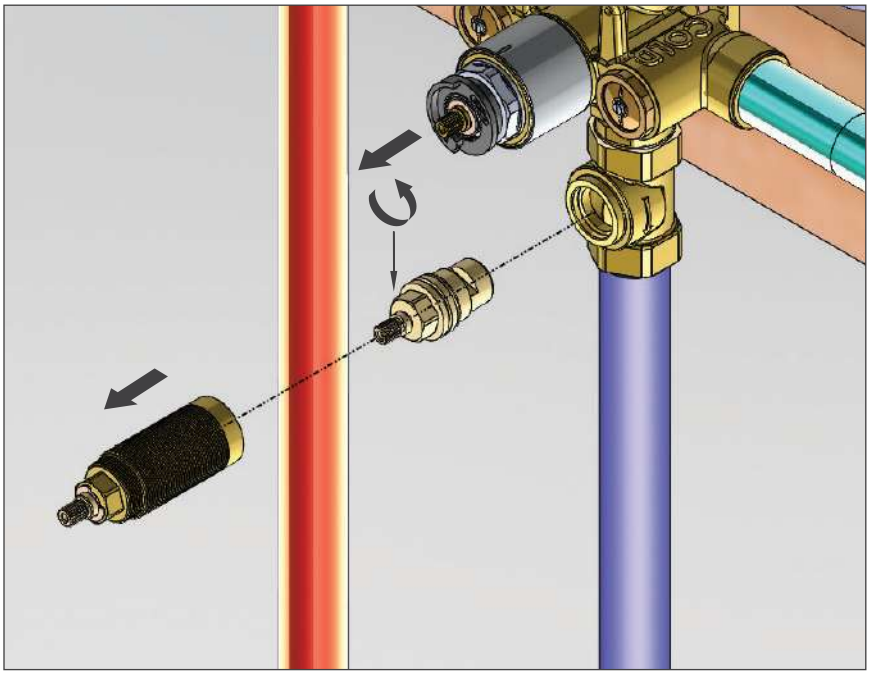
2. The temperature cartridge can be removed easily in one operation by using a spanner.

1. Remove Threaded Rod using a spanner

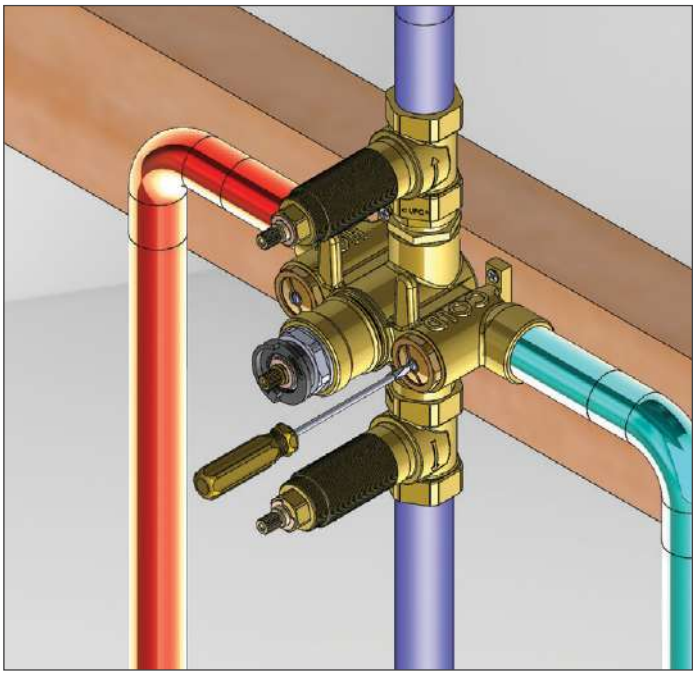
2. Remove diverter flange

3. Remove cartridge by turning with a spanner and pulling out with a pair of pliers.

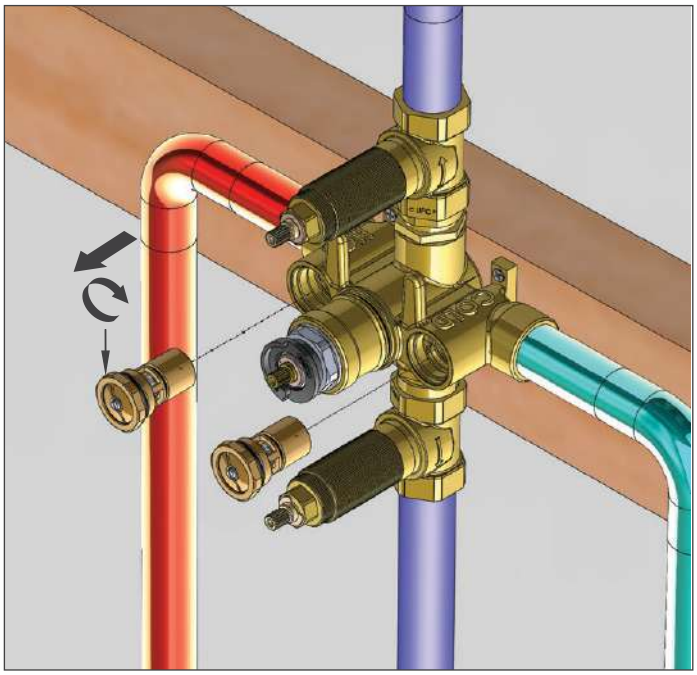
REPLACING THE VOLUME CARTRIDGE



REPLACING THE SUPPLY STOPS

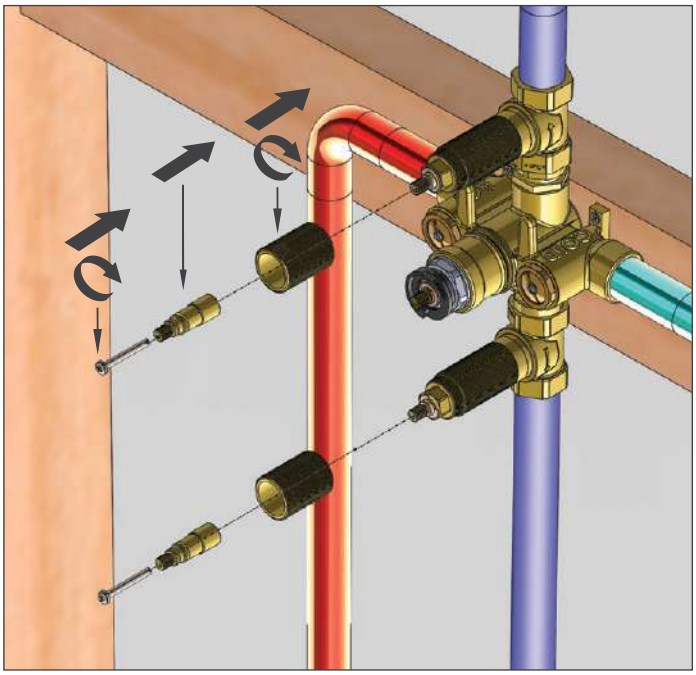


In order to remove the supply stops do not twist the screw in the middle of the supply stop

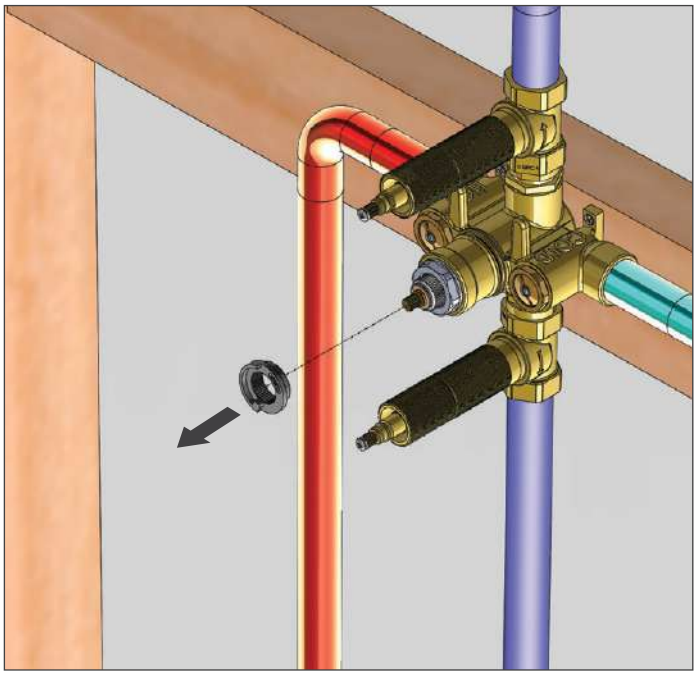


Use a spanner to twist in the shown position and remove supply stop

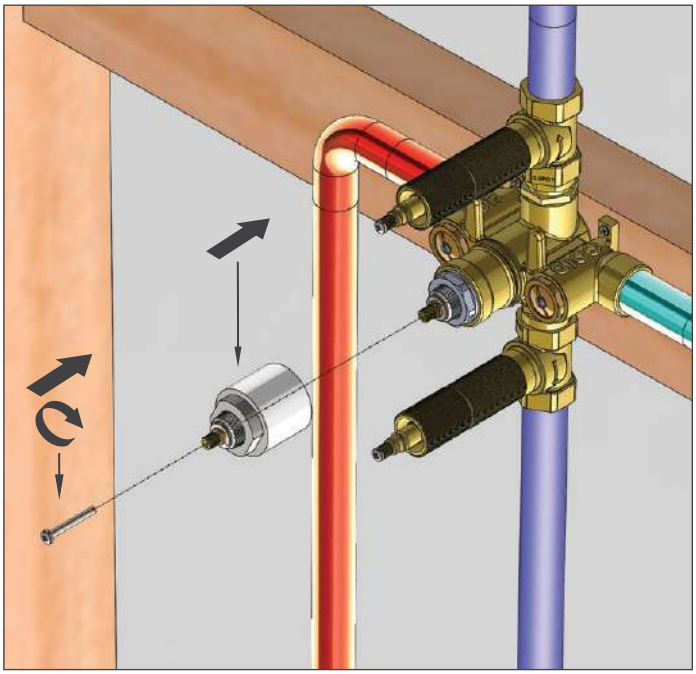
INSTALLING EXTENSIONS TO THE VALVE - OPTIONAL



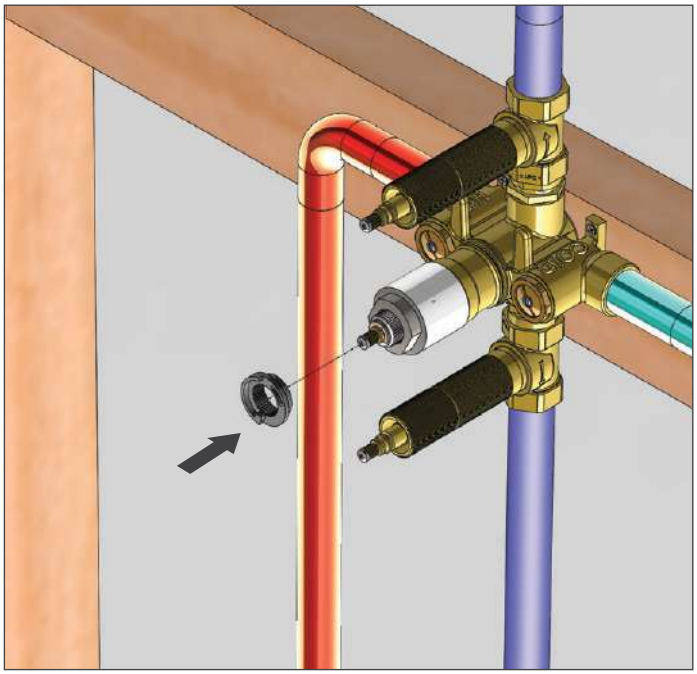
Install diverter extension kit - 3 Pieces as shown above



Remove anti scald temperature ring



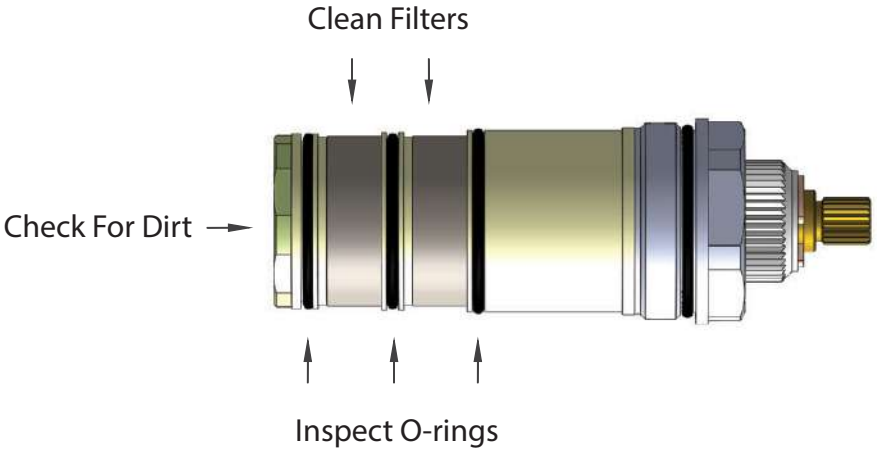
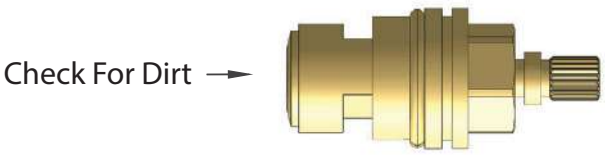
Install temperature extension piece as shown above. Install and tighten screw



Reinsert anti scald temperature ring

CARTRIDGE CLEANING & MAINTENANCE

Thermostatic Cartridge:



Volume Control Cartridge: