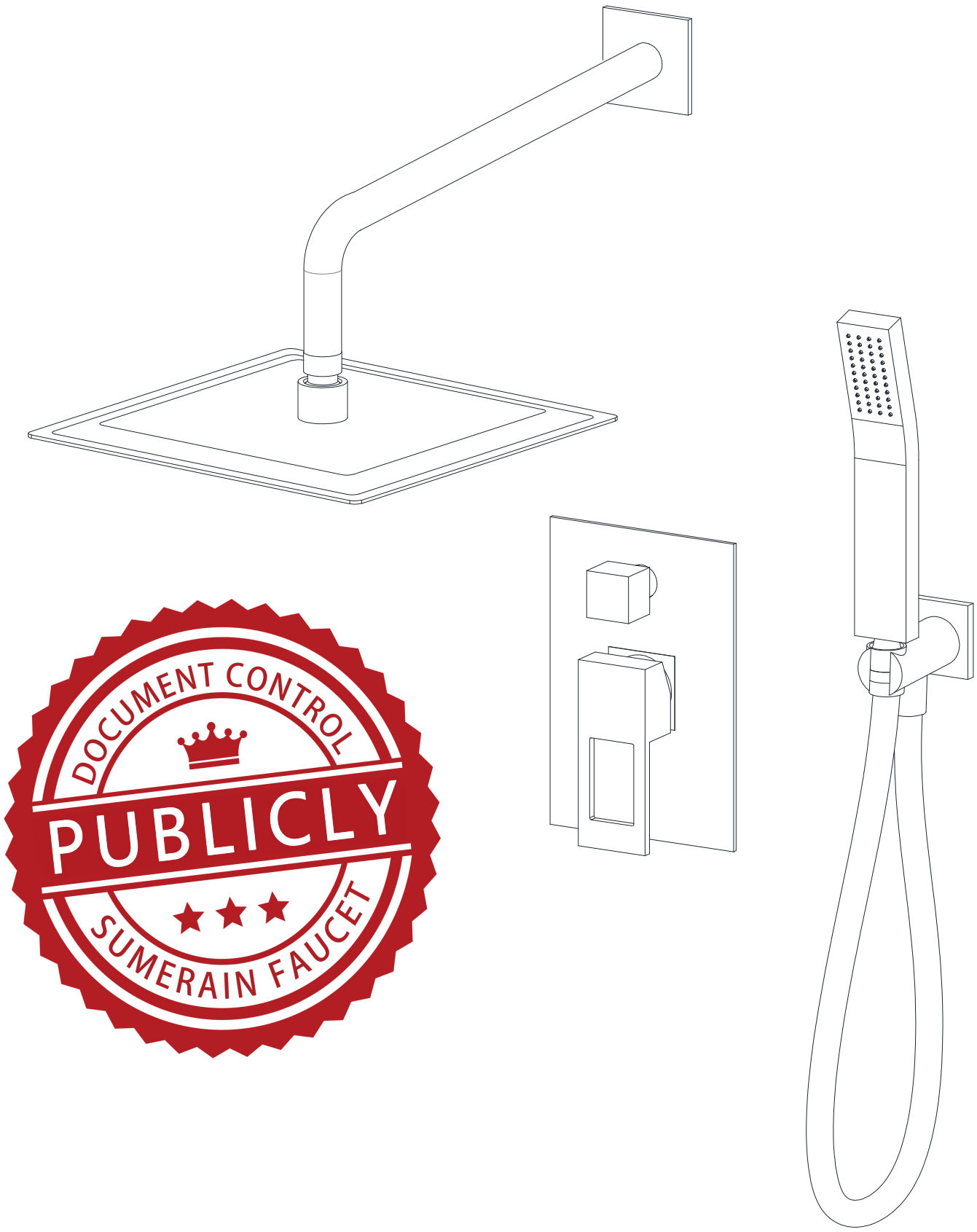
MODEL: S3226XI-B

Version: 2.0

INSTALLATION GUIDE

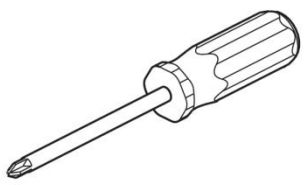


DOCUMENT CONTROL
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SUMERAIN FAUCET

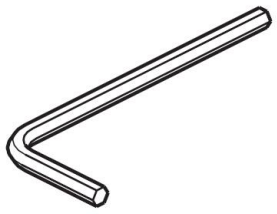
PRESSURE BALANCE SHOWER SYSTEM

CUSTOMER CARE LINE: +1-866-203-0866

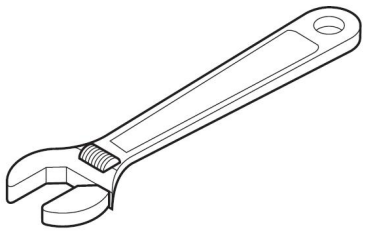
TOOLS RECOMMENDED



Philips screwdriver



Allen wrench



Adjustable wrench



Channel locks



Thread Sealant

INSTALLATION STEPS

1. BEFORE PROCEEDING

WARNING: Read all the instructions completely before proceeding. SUMERAIN recommends calling a professional if you are uncertain about installing this product!. This product should be installed in accordance with all local and state plumbing and building codes.

2. SHUT OFF WATER SUPPLY

Locate water supply inlets and shut off the water supply valves. These are usually found near the water meter. If you are replacing an existing unit, remove the old unit and clean the mounting surface thoroughly.

3. CHECKING THE CONTENTS OF THE BOX

Upon opening the box, check to ensure that all the following items are included.

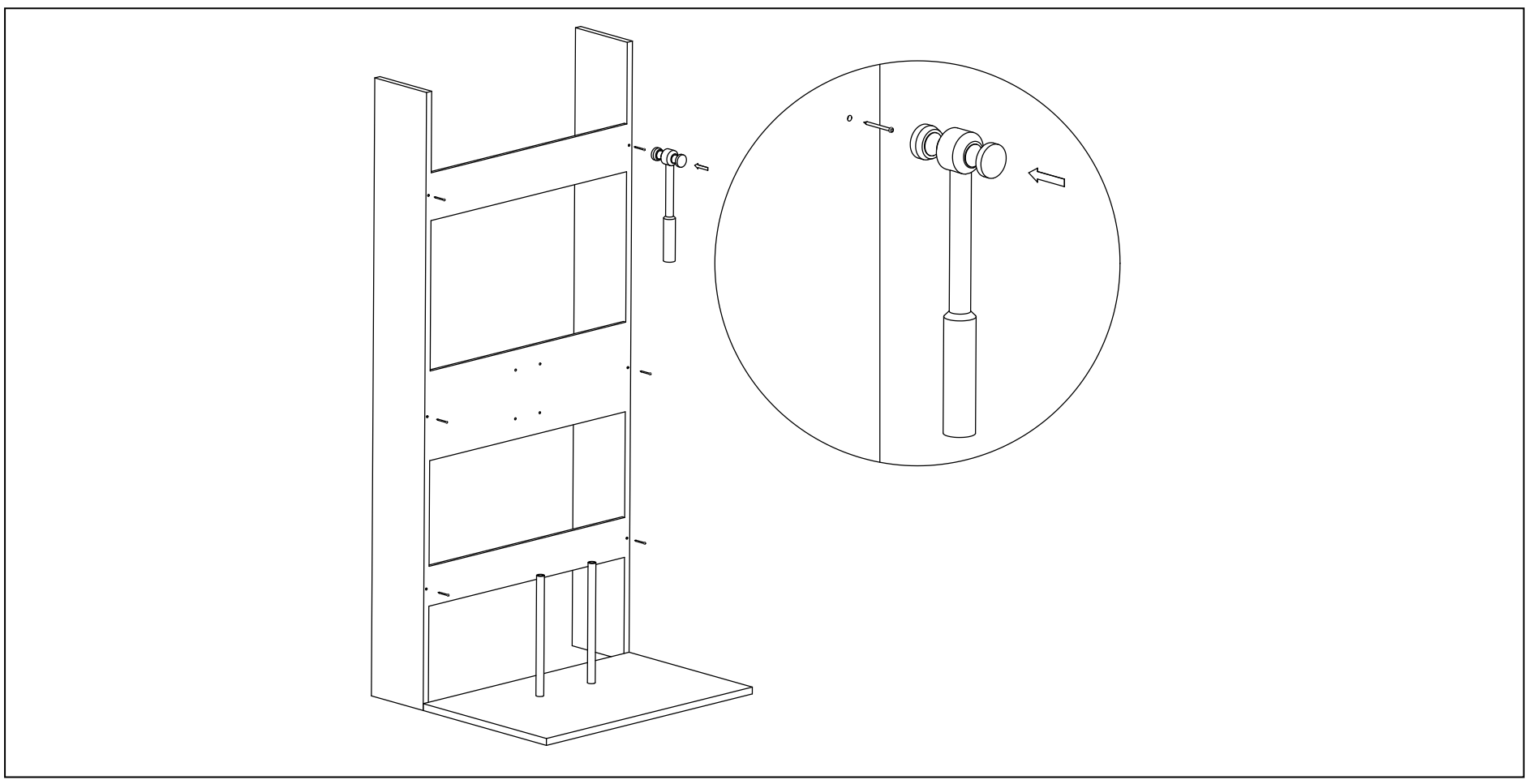
4. PLANNING AND INSTALLATION INSTRUCTIONS

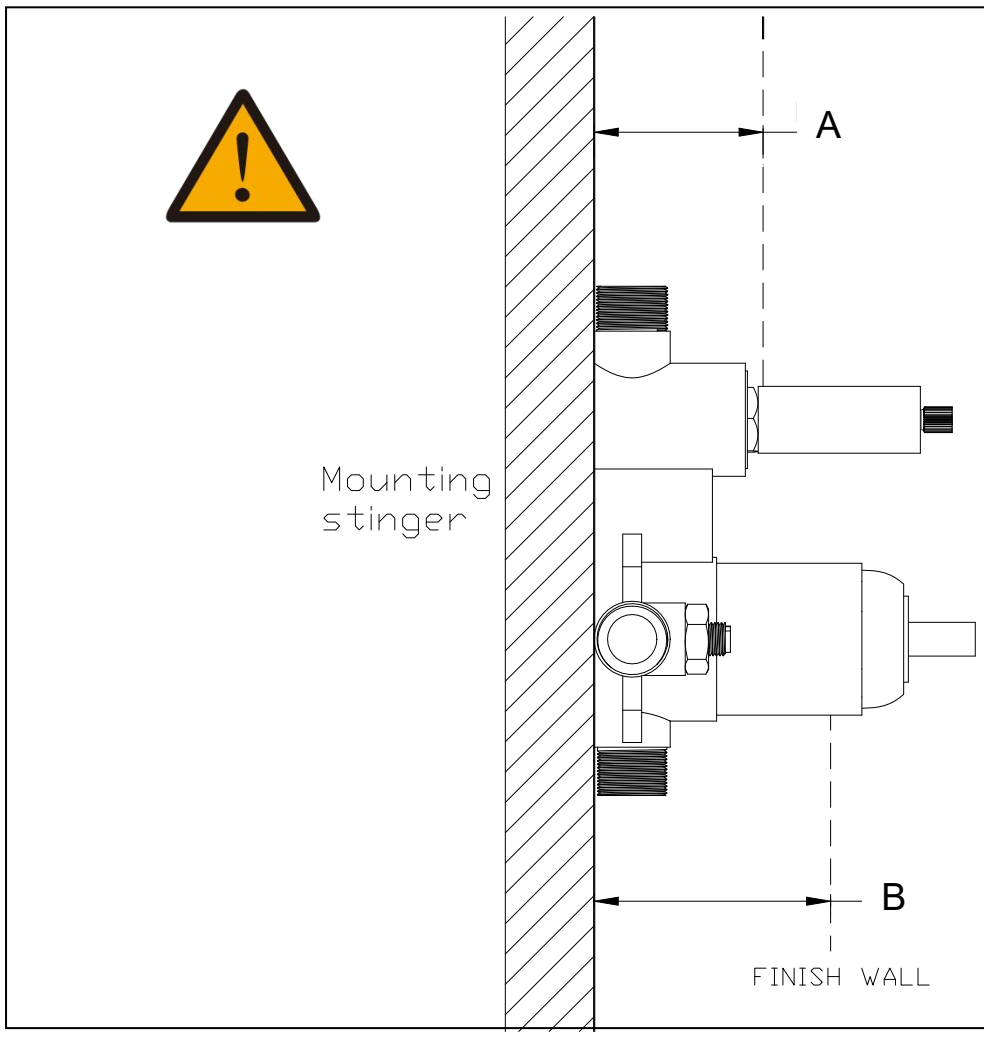
Attentions: The shower has to be installed, rinsed and checked in compliance with the applicable regulations in order to guarantee proper shower function!

The dimensions of the shower set-up must be individually.
Operating pressure at the control valve:
Max. 1Mpa. Recommended operating pressure: 3 bar pressure.
Hot water temperature: Max 60 degree centigrade (140 Fahrenheit).

5. ROUGH-IN VALVE INSTALLATION

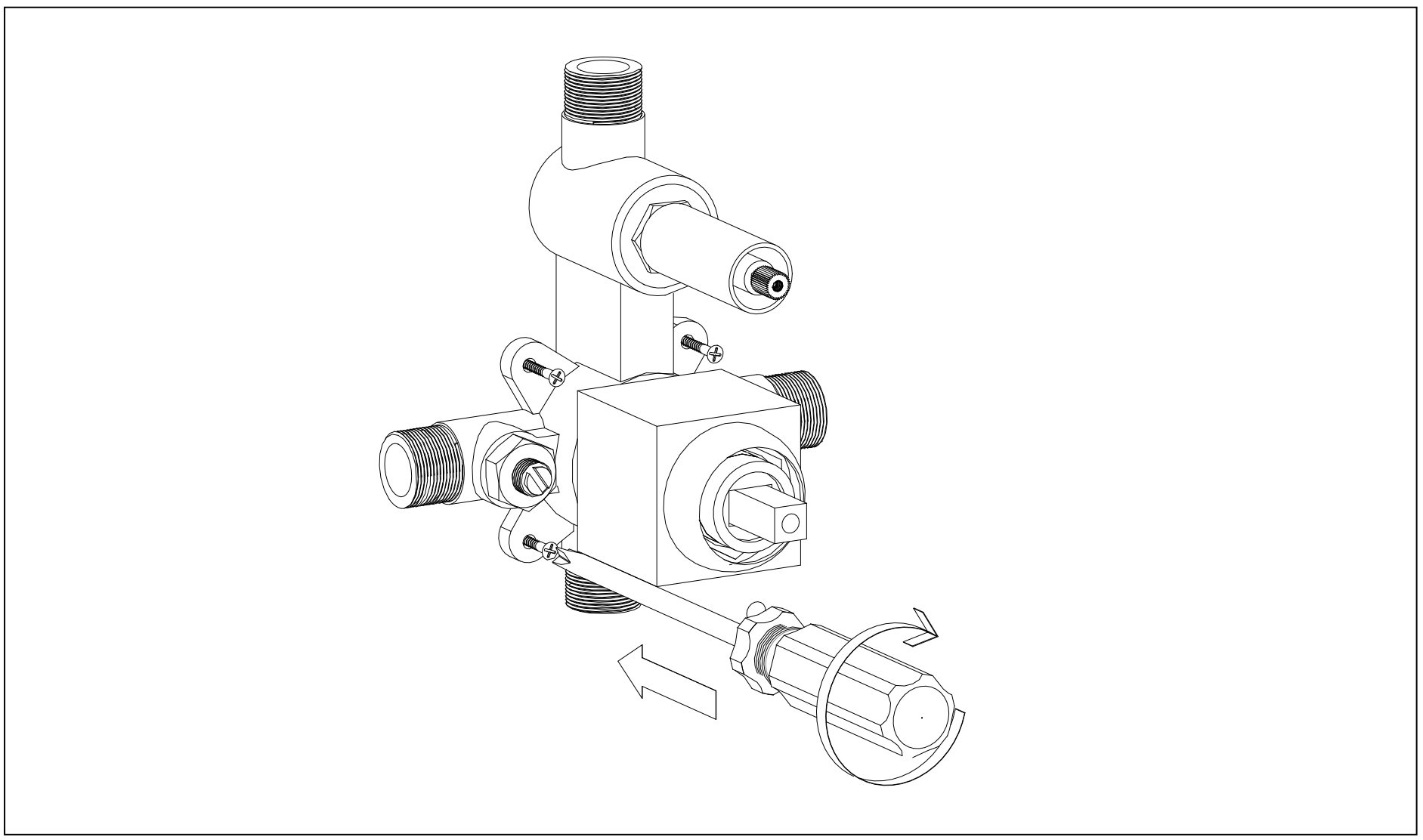
5.1 Build a wooden mounting rack to prepare for the installation of the rough-in valve assembly. Ensure that the face of the mounting board is positioned between "A" (minimum) and "B" (maximum) behind the finished wall surface





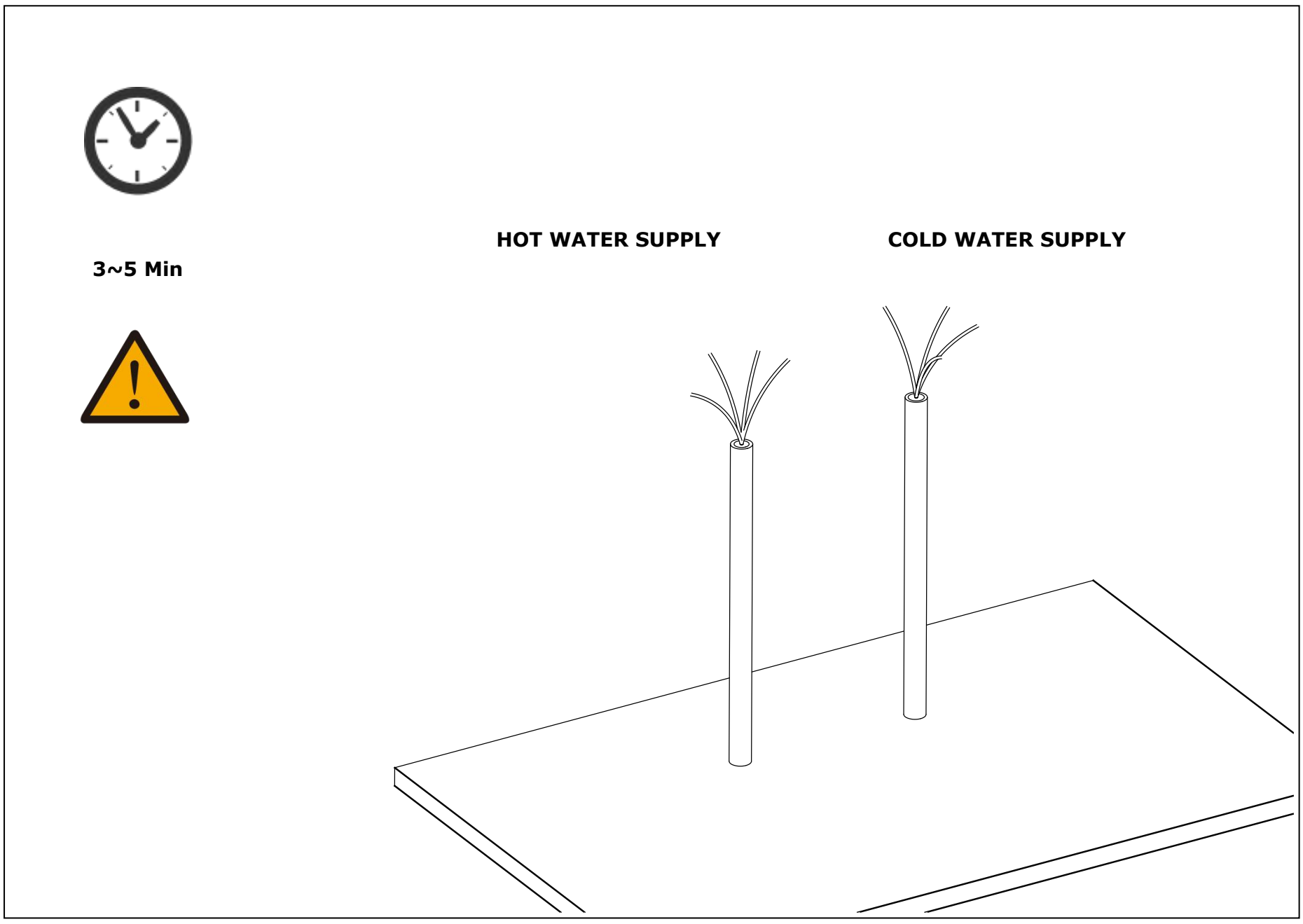
Code	Dimensions - Inch	Dimensions - mm
A	Min 2-3/16″	Min 55
B	Max 2-15/16″	Max 75

5.2 Secure the rough-in valve assembly to the mounting stringer with screws and anchor.

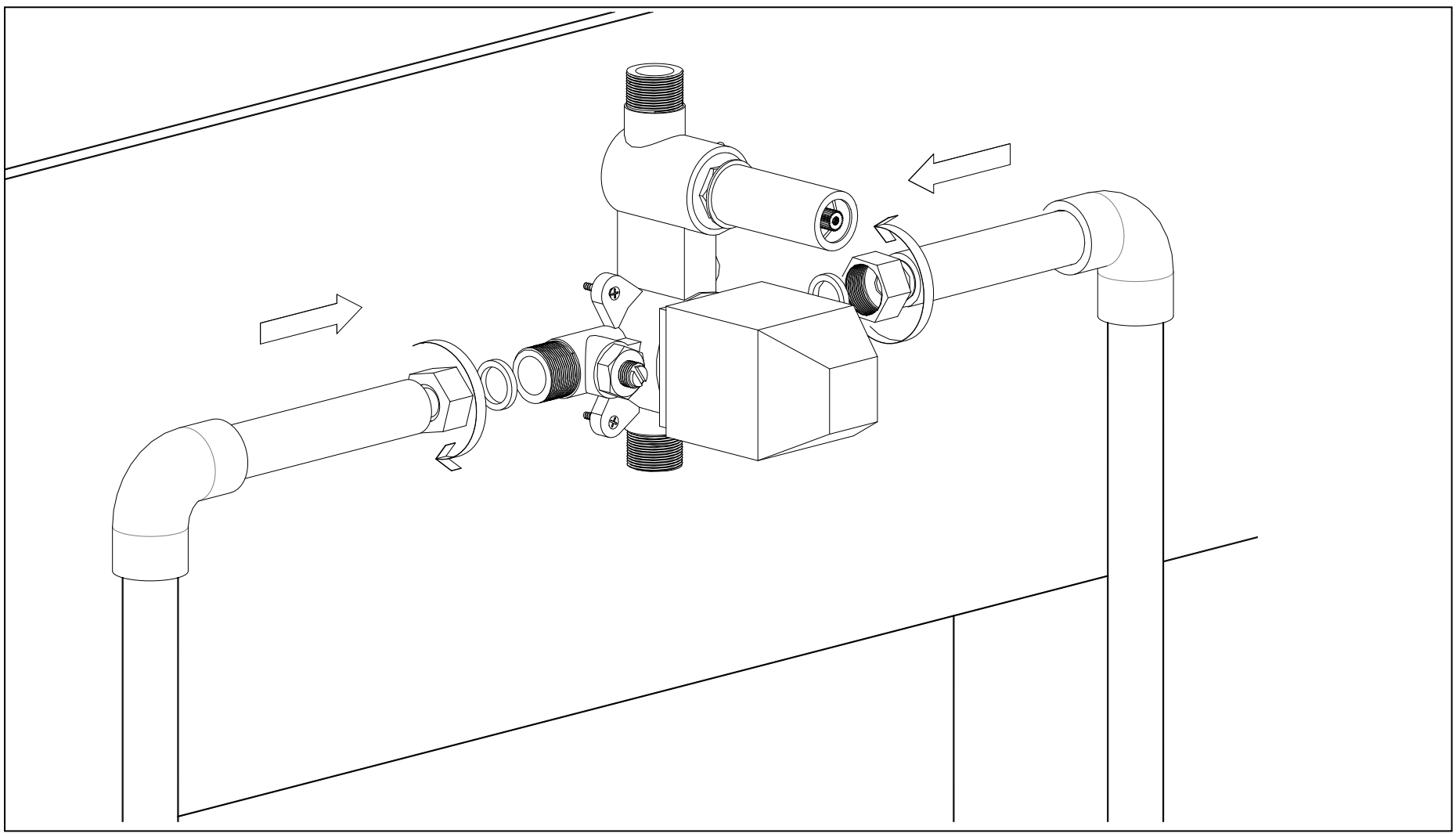


6. VALVE TRIM INSTALLATION

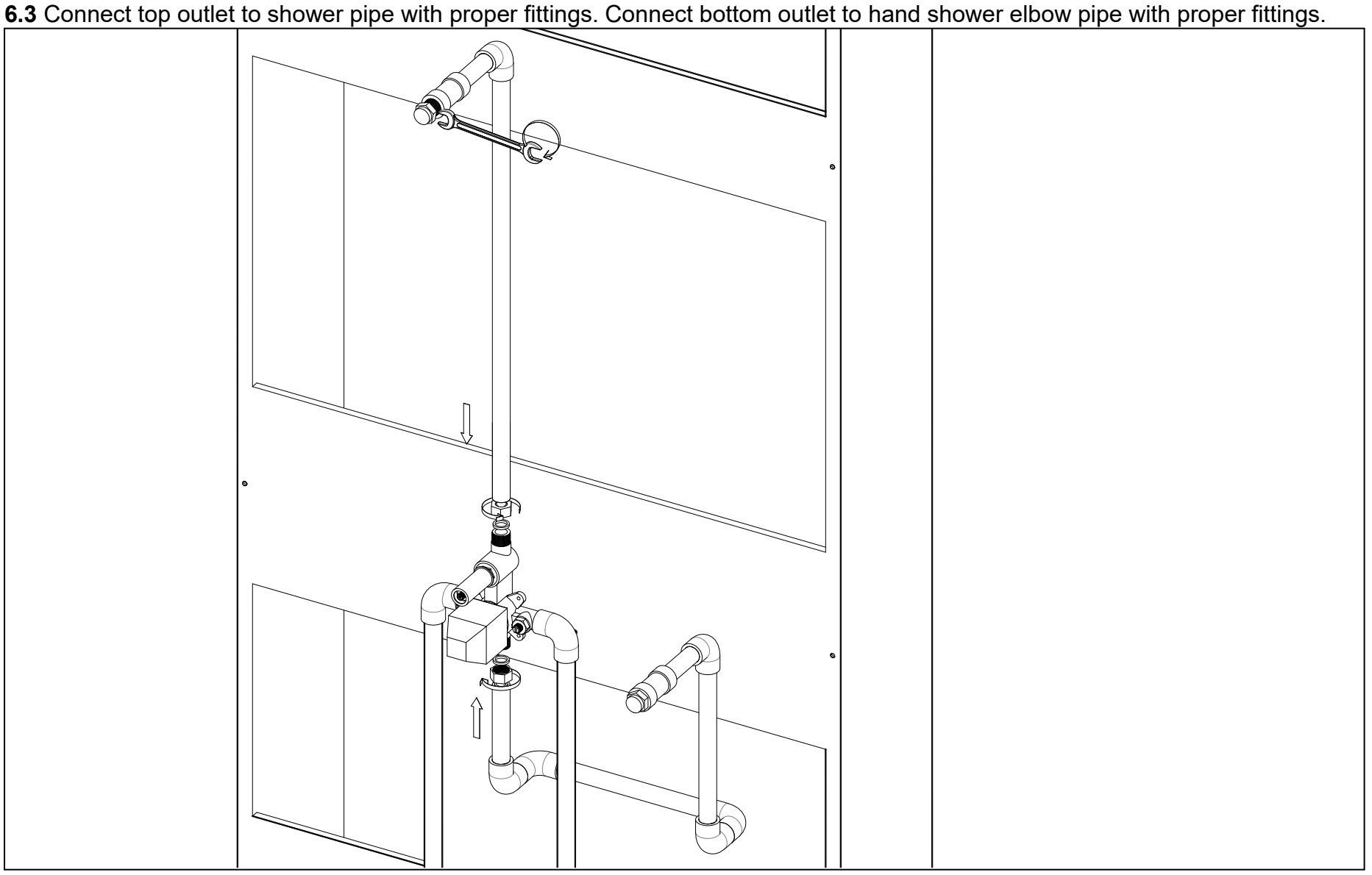
6.1 Turn on your shut-off valve for cleaning the hot and cold water supply pipe before connect to the valve body, allow the water flush 3~5 minutes to flush out dirt and debris. Shut off the water supply again after finish.



6.2 Connect valve body to water supplies using the proper fittings for your valve body type (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.
Mixer valve connecting threads for hot&cold water inlet are NPT 1/2”[US/CA]



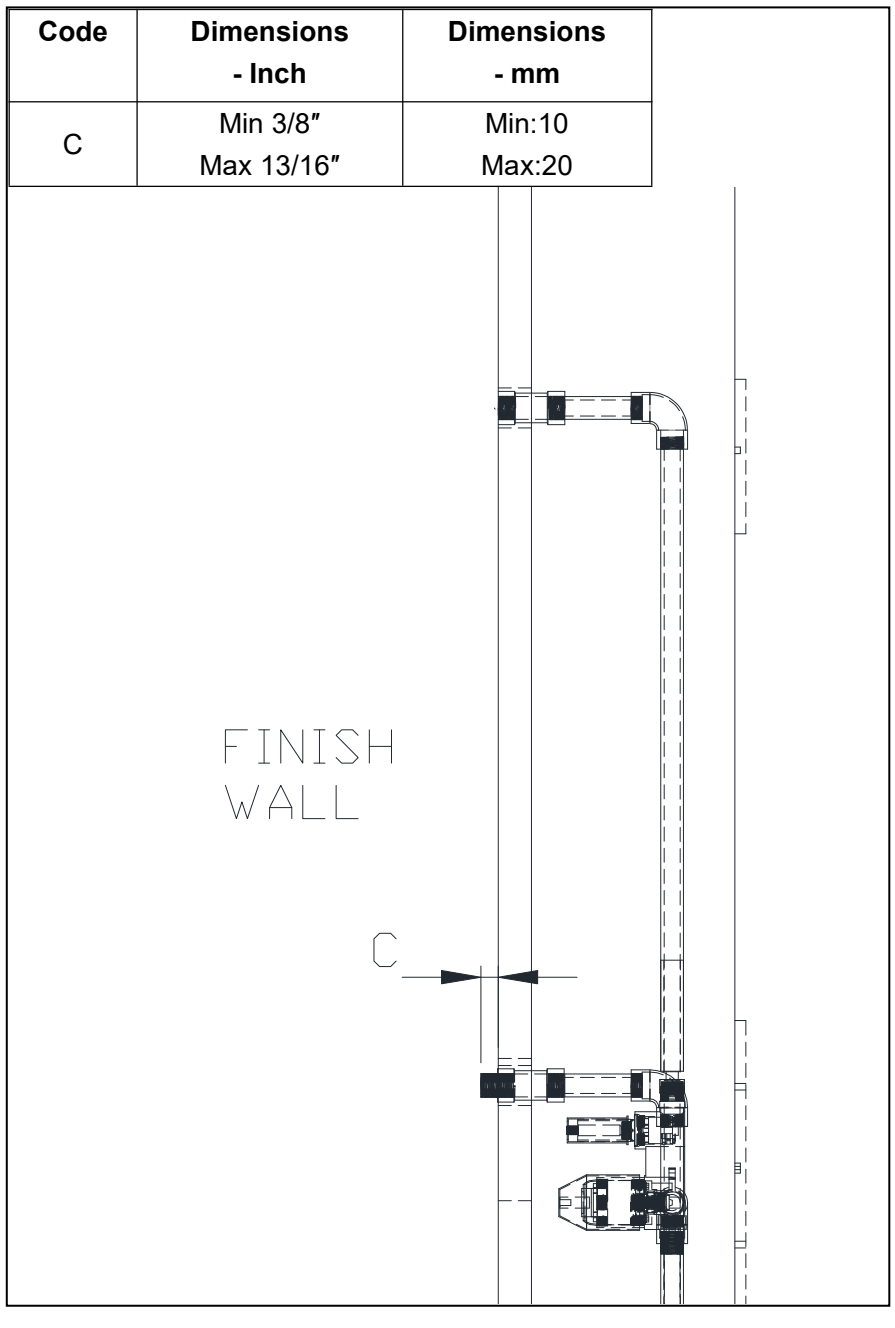
6.3 Connect top outlet to shower pipe with proper fittings. Connect bottom outlet to hand shower elbow pipe with proper fittings.

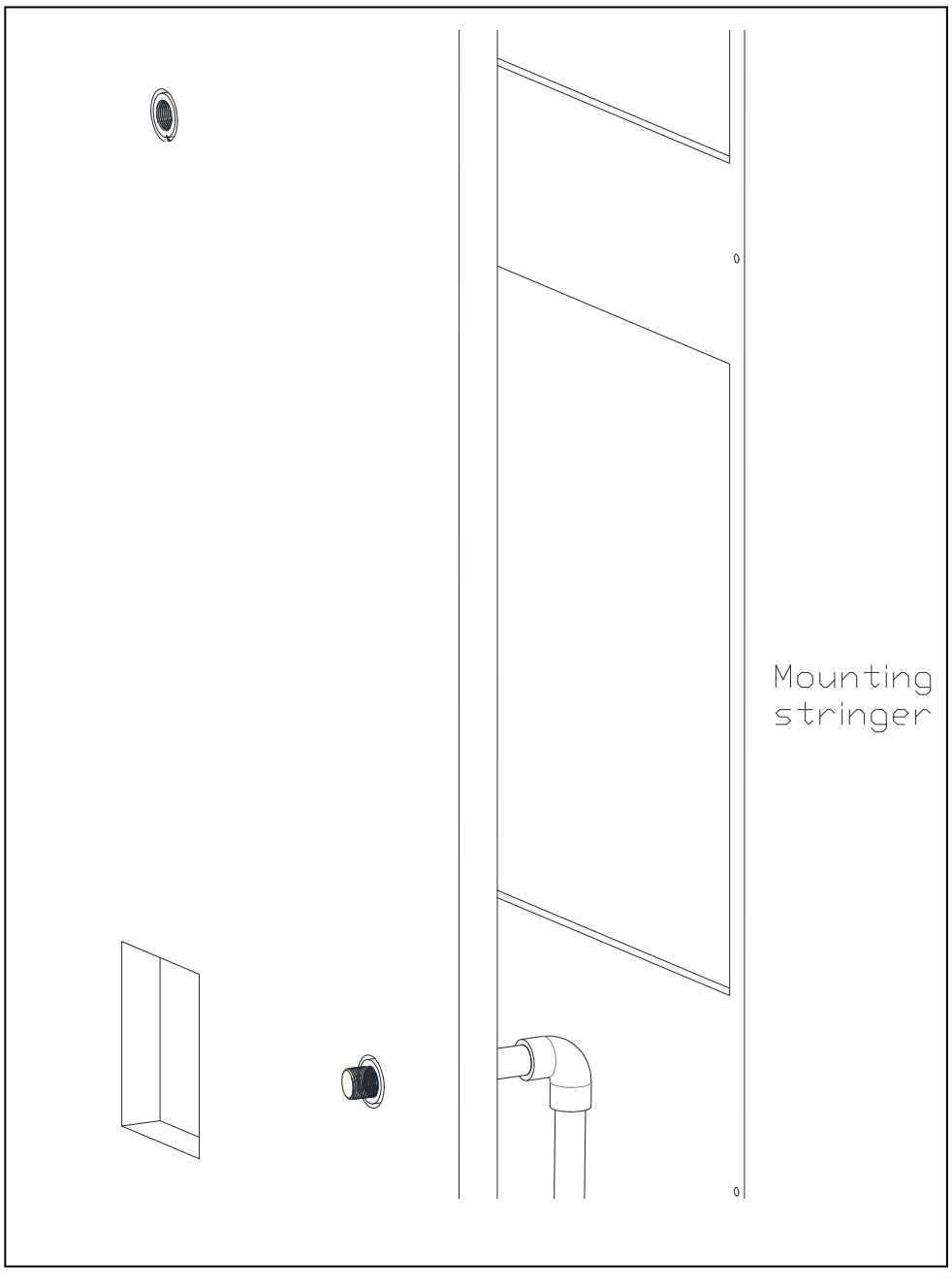


Please align the elbow front face with the finish wall.

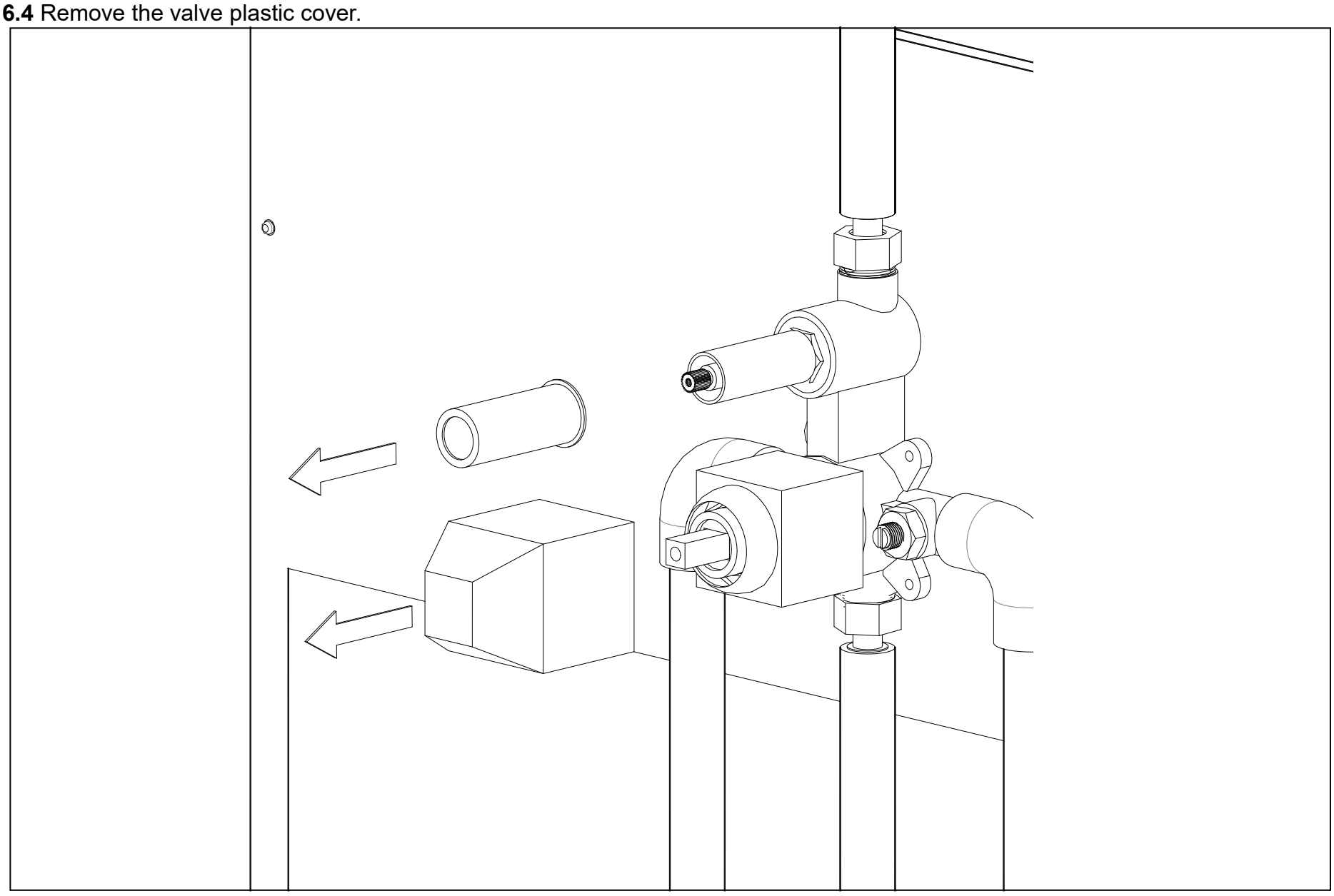
Improper elbow installation depth will lead to leak from connector or has to customize extension parts.

Code	Dimensions - Inch	Dimensions - mm
C	Min 3/8″ Max 13/16″	Min:10 Max:20



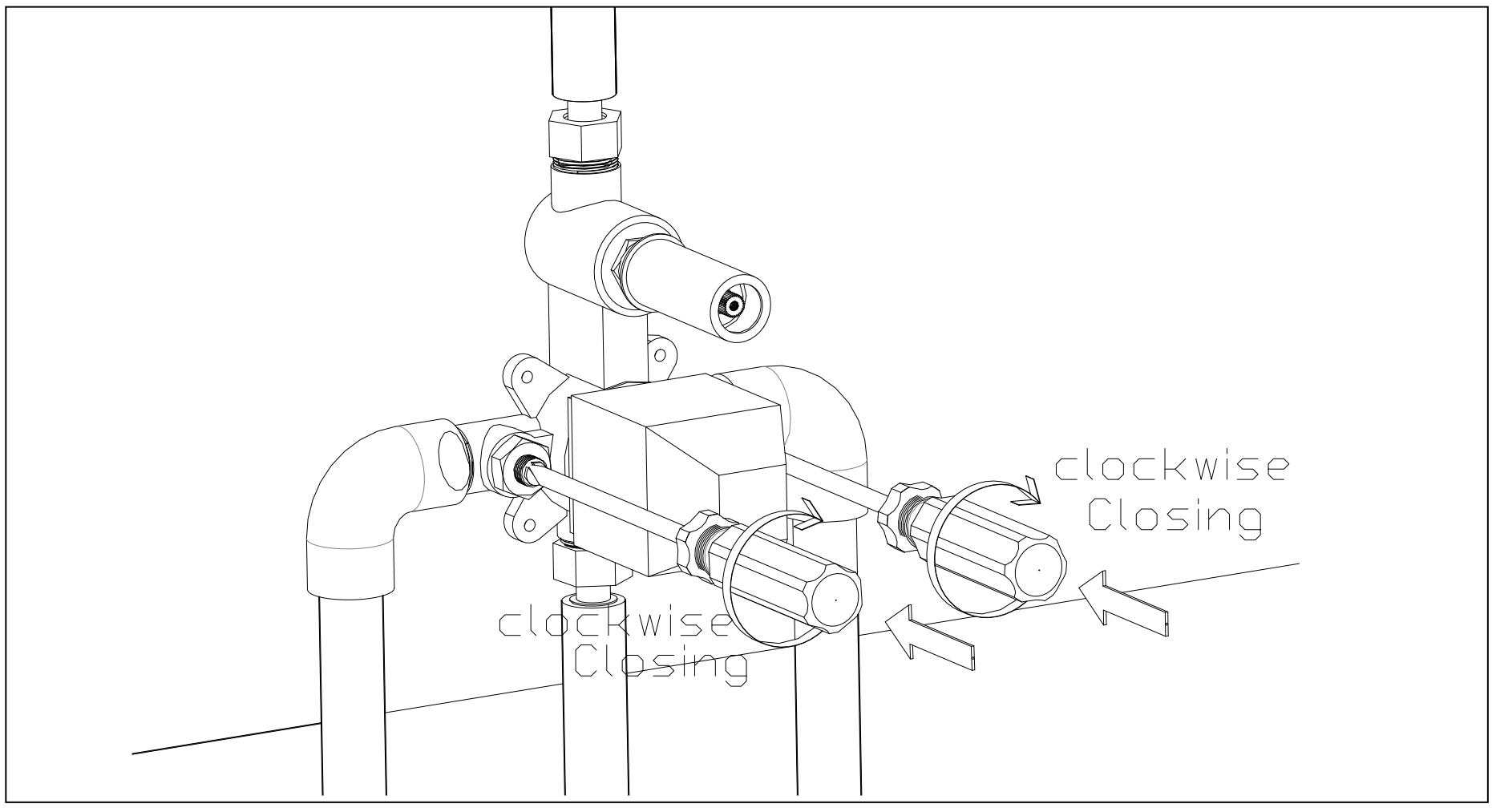


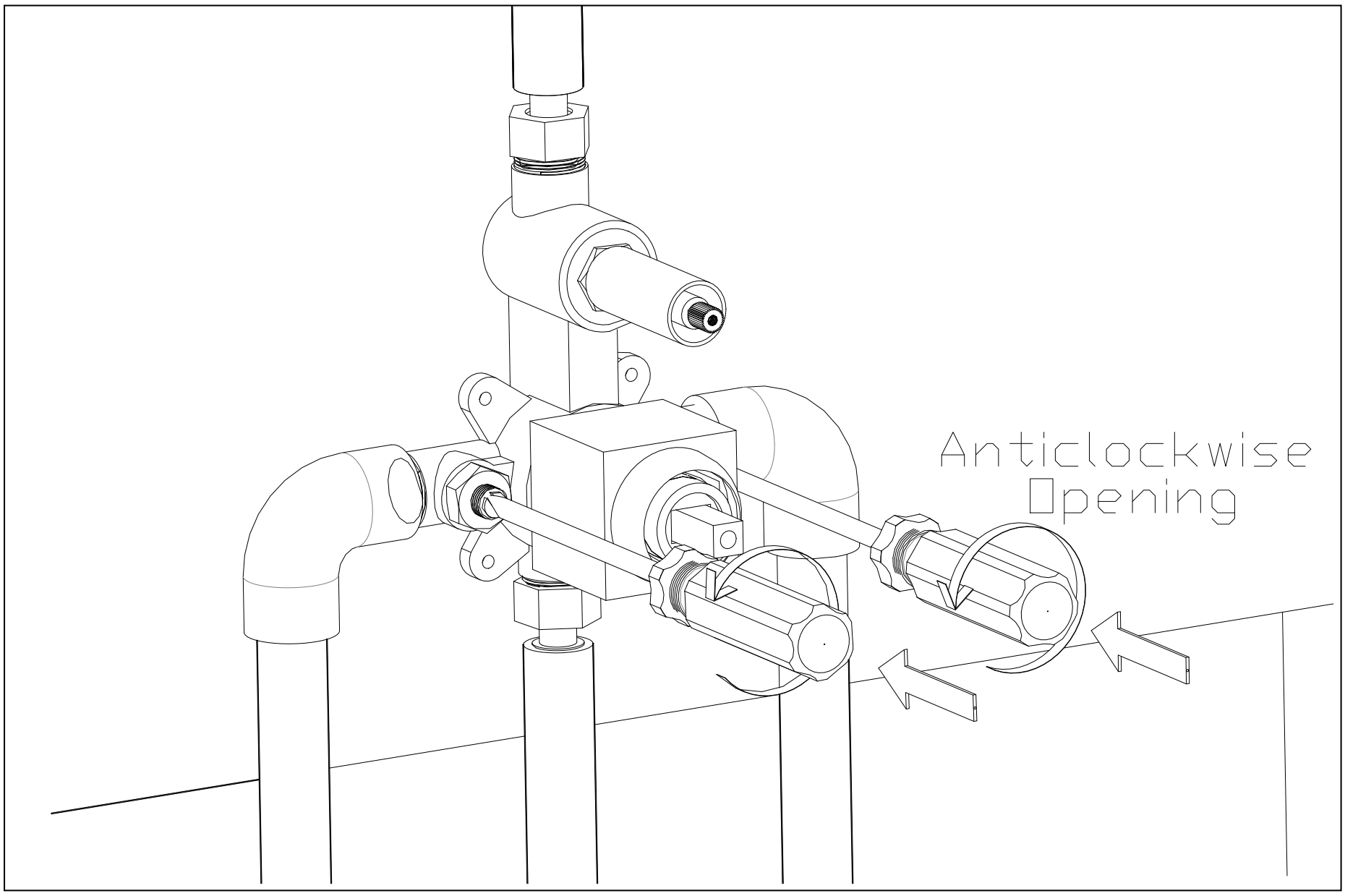
6.4 Remove the valve plastic cover.

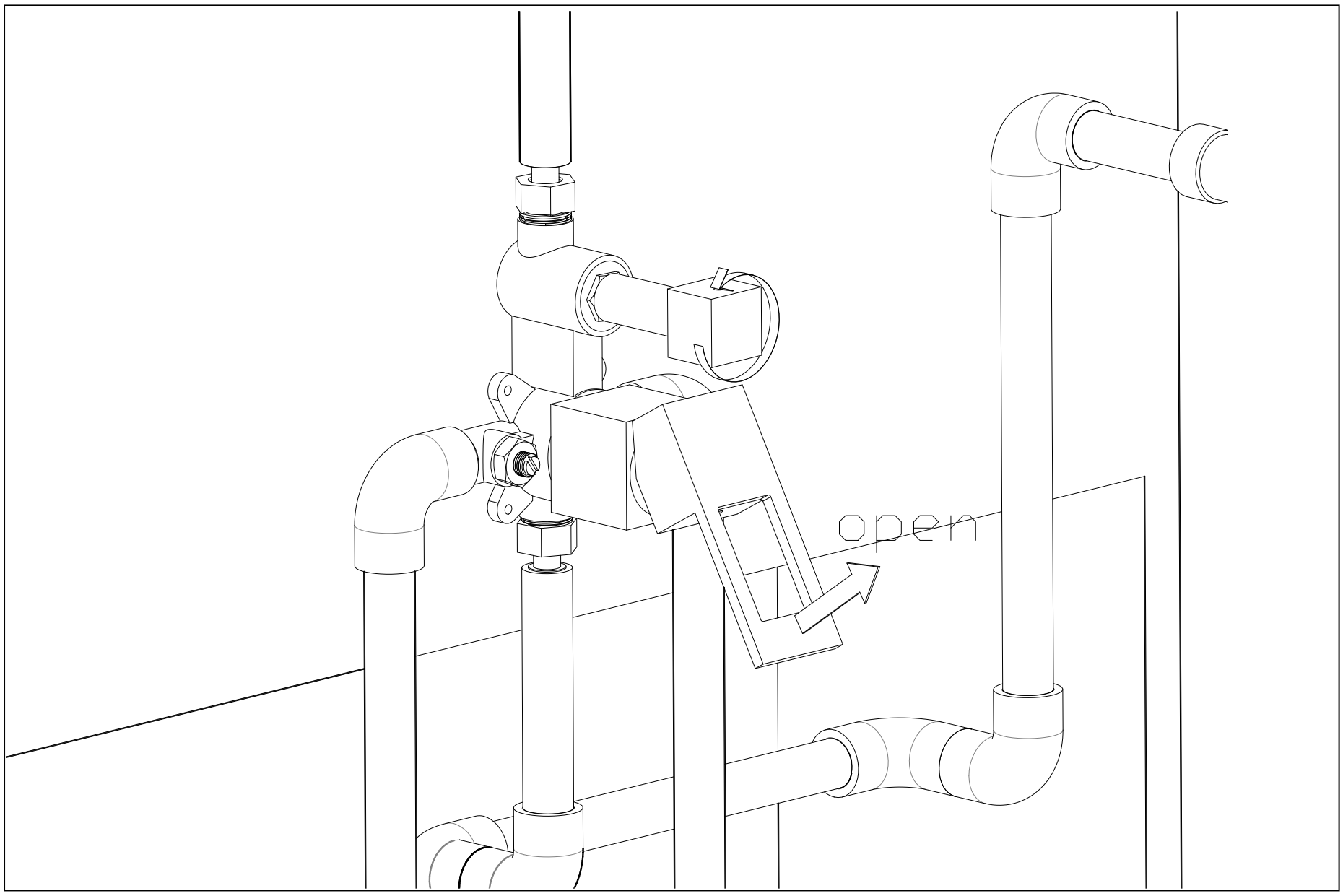


6.5 Pressure testing & flushing the installation.
Before testing, remove valve plastic cover. Plug both outlets with proper fittings. Check for leaks. After testing, remove shower and/or hand shower's plug and flush system again. After flushing reinstall the cover. Set the pressure reducing valve to full open. Note: With a flat head screwdriver, adjust stem clockwise to close and anticlockwise to open.

Please shut off your hot and cold water supply again after test.



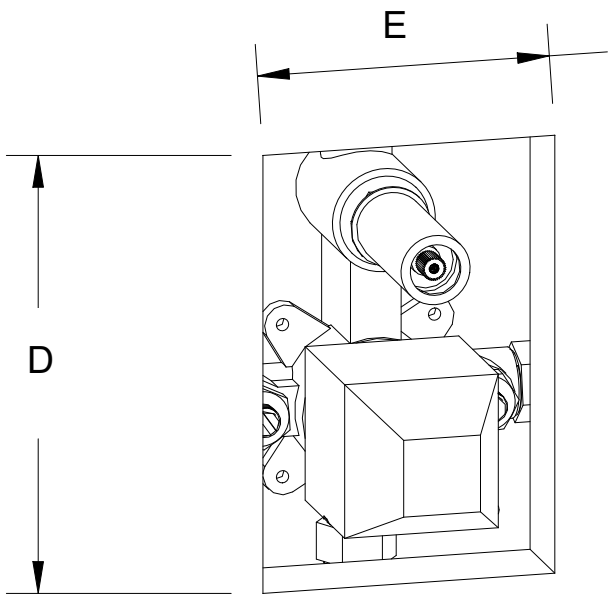

Anticlockwise
Opening


open

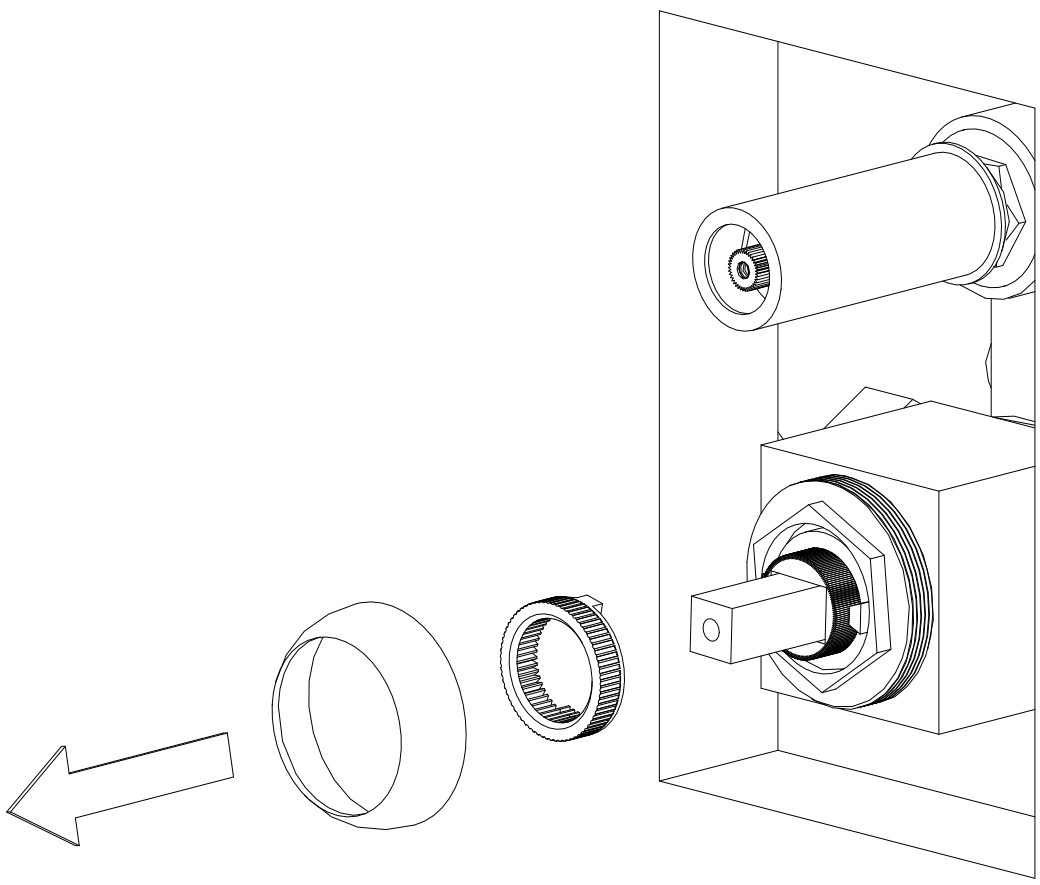
6.6 Complete the finished wall and leave proper access for maintenance if needed in the future.

Code	Dimensions - Inch	Dimensions - mm
D	5″	128
E	4-1/8″	105

,



6.7 Take off the escutcheon and the temperature limit ring from the valve assembly.



6.8 Turn on and adjust the cartridge to achieve desired shower water's maximum temperature.

Anti-scald protection. It is important that the mixer valve is tested regularly to prevent the risk of scalding and guarantee user safety. This can be carried out as follows: with the mixer blend temperature set at 38°C isolate the cold water supply. The outlet flow rate will reduce to a safe level.

Recommended outlet temperatures

We recommend the following set maximum mixed water outlet temperatures for use in all premises:

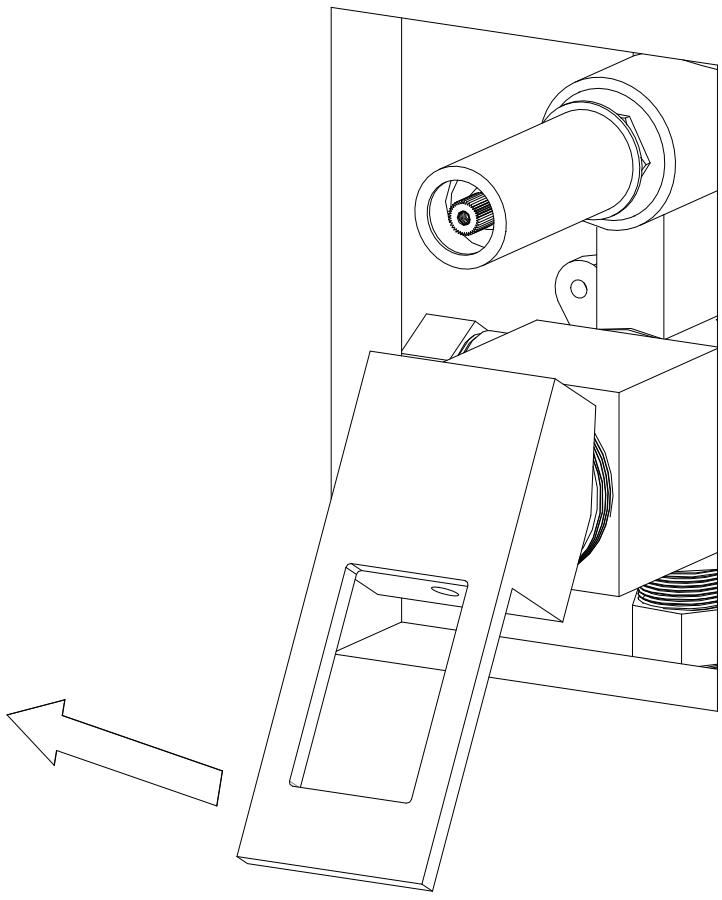
111.2° F [44°C] - for bath fill but see notes below.

105.8° F[41°C] - for showers.

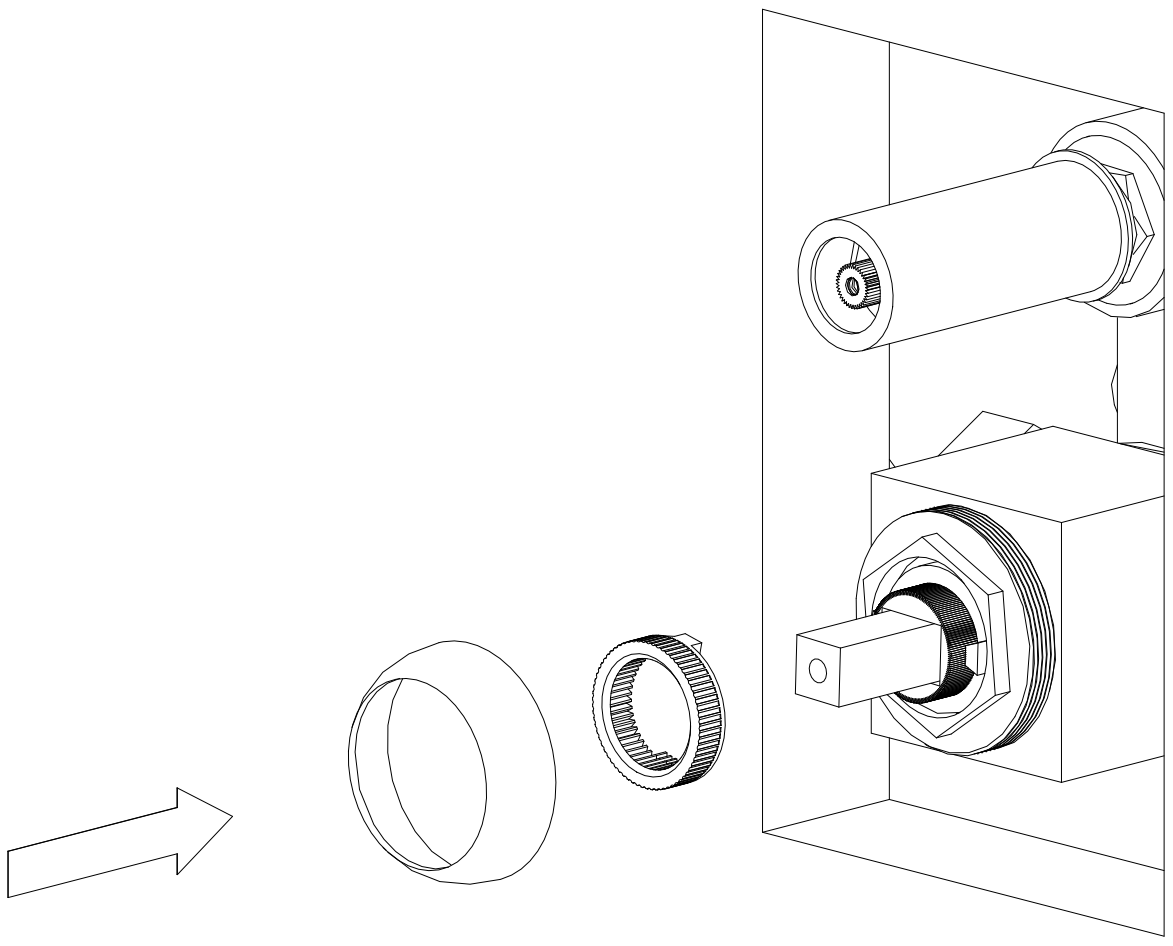
105.8° F[41°C]- for washbasins.

100.4° F[38°C] - for bidets.

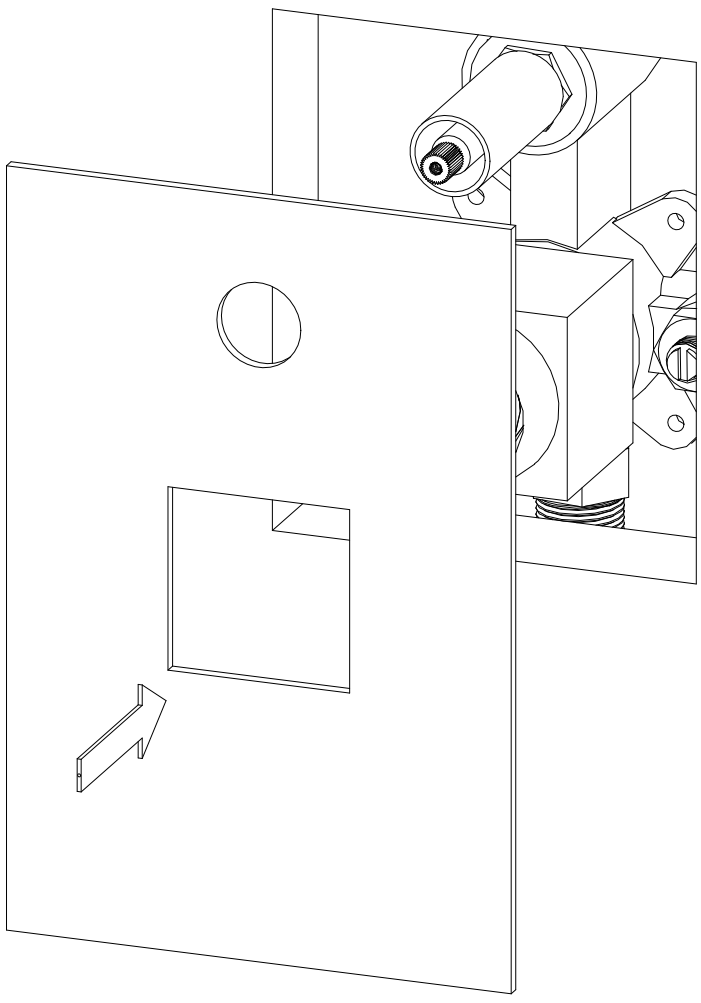
The mixed water temperatures must never exceed 114.8° F[46°C] at terminal fitting.

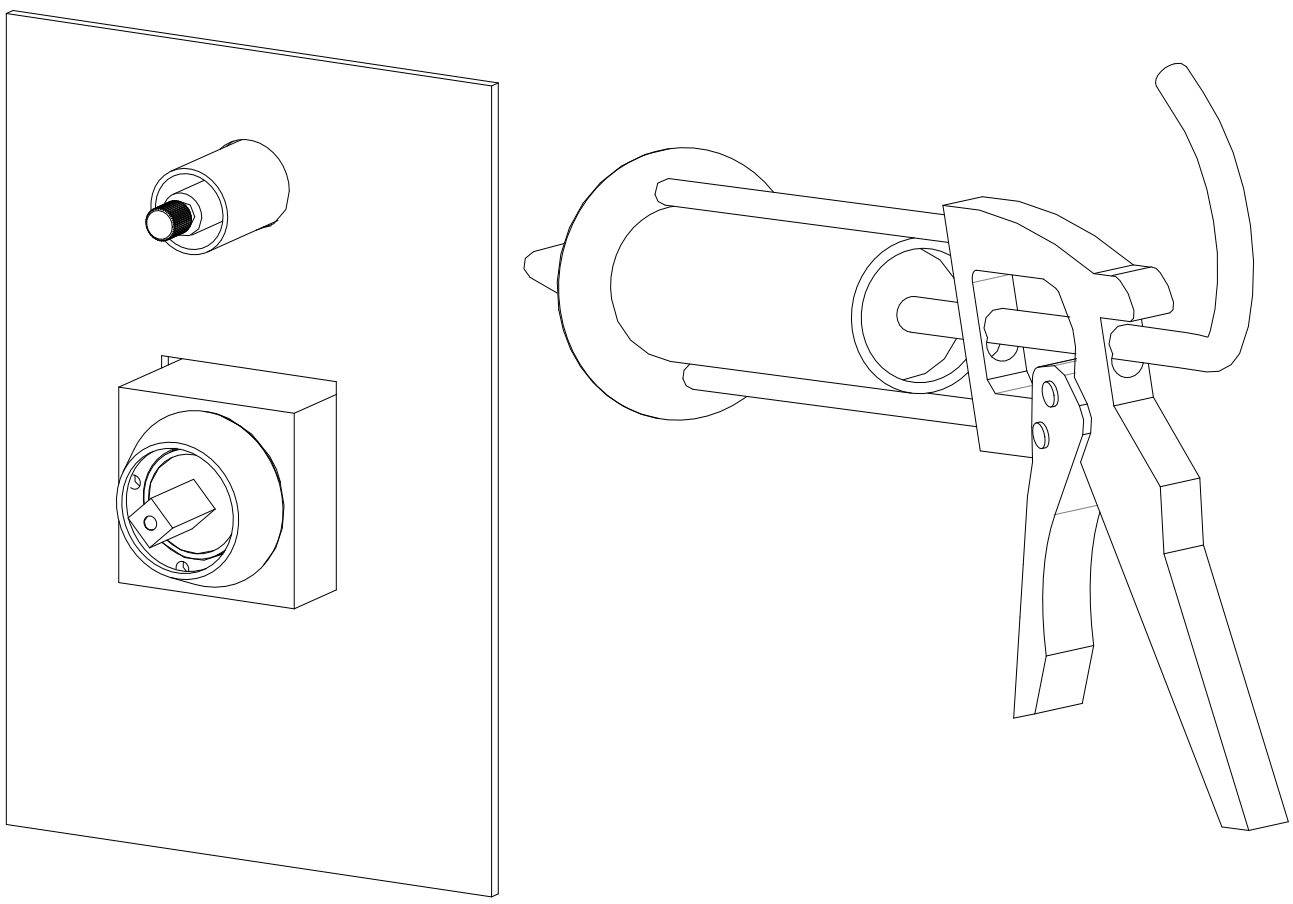


6.9 Attach the temperature limit ring to cartridge for locking the maximum temperature. Reinstall the escutcheon to the bonnet, too.

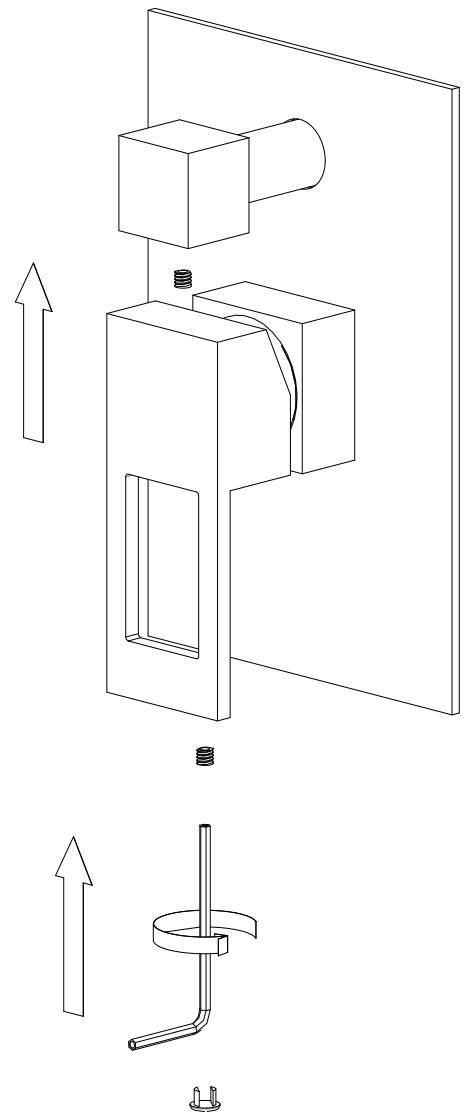


6.10 Fit the coverplate over the valve body and slide tight to the finish wall and seal the wall around the coverplate edge with waterproof sealant.

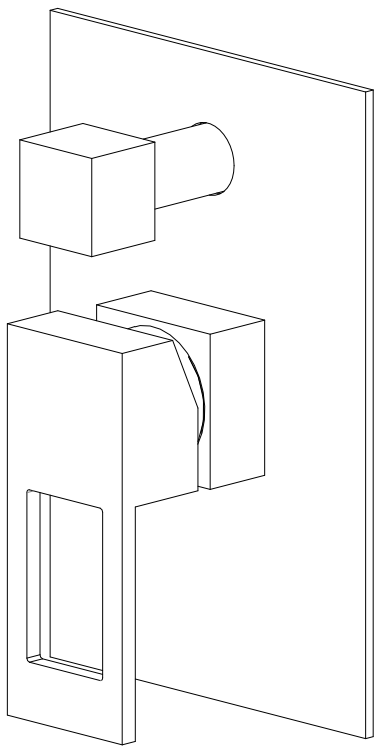




6.11 Attach handle onto the valve stem and tighten set screws by the Allen wrench that is provided. Please don't over tighten. Do the same procedure on diverter knob. Finally press-in the screw cover.

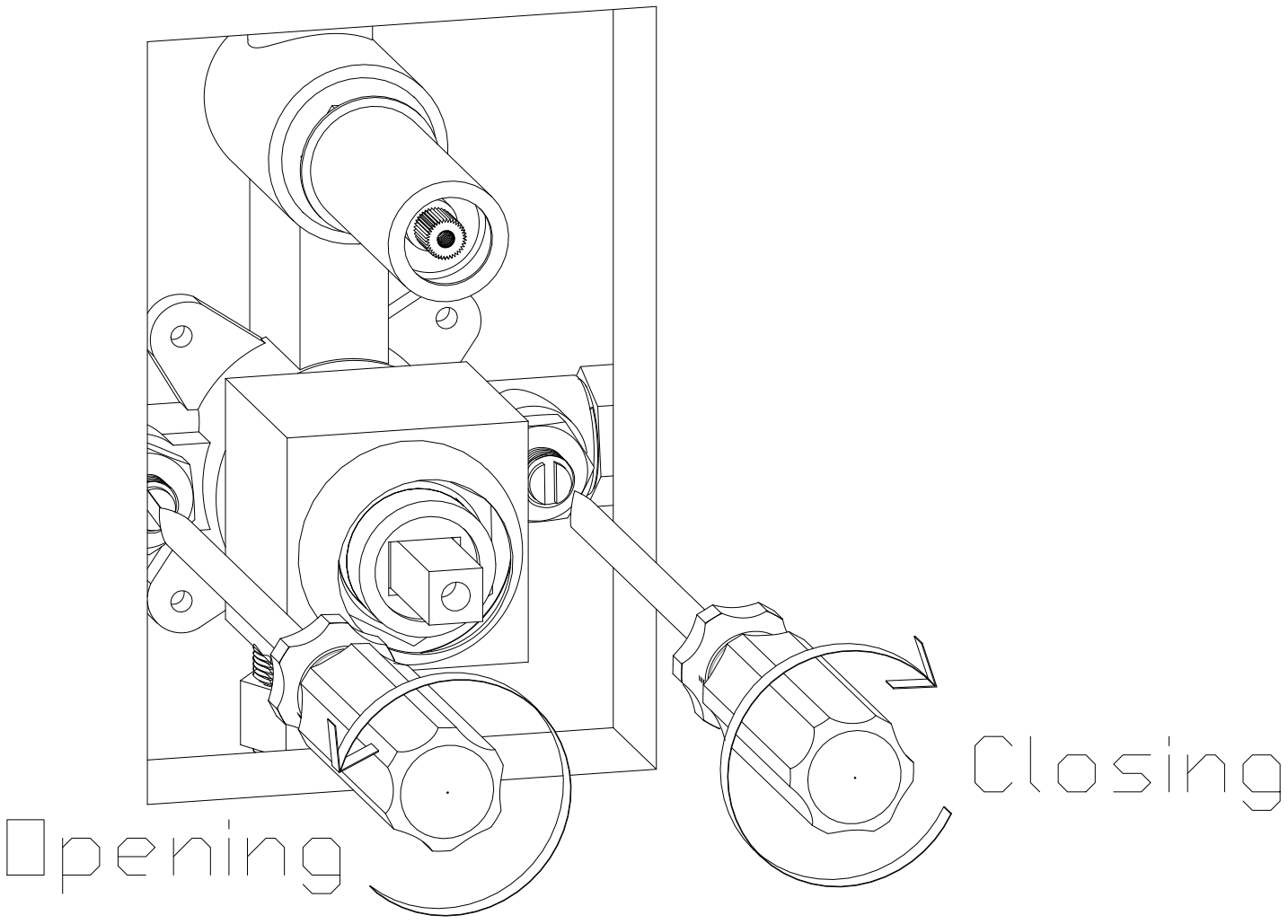


6.12 Valve trim install complete.



6.13 Flow regulation

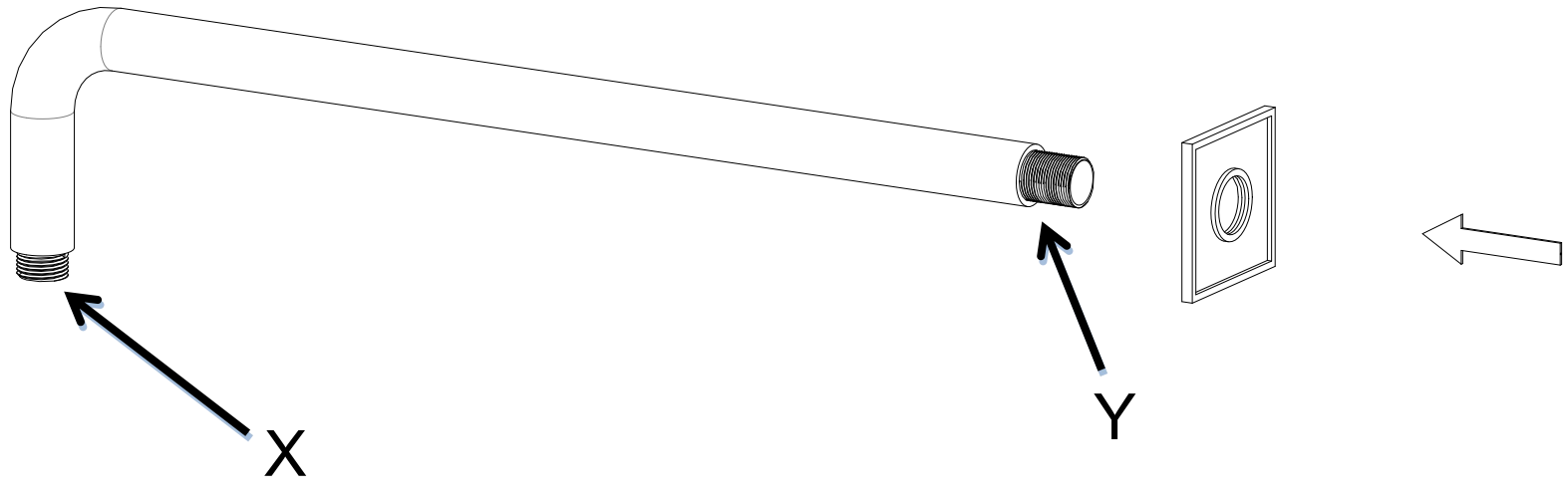
A flow regulator is supplied for use with high pressure water systems and may be fitted with any of the systems listed to reduce flow rate and assist economy.

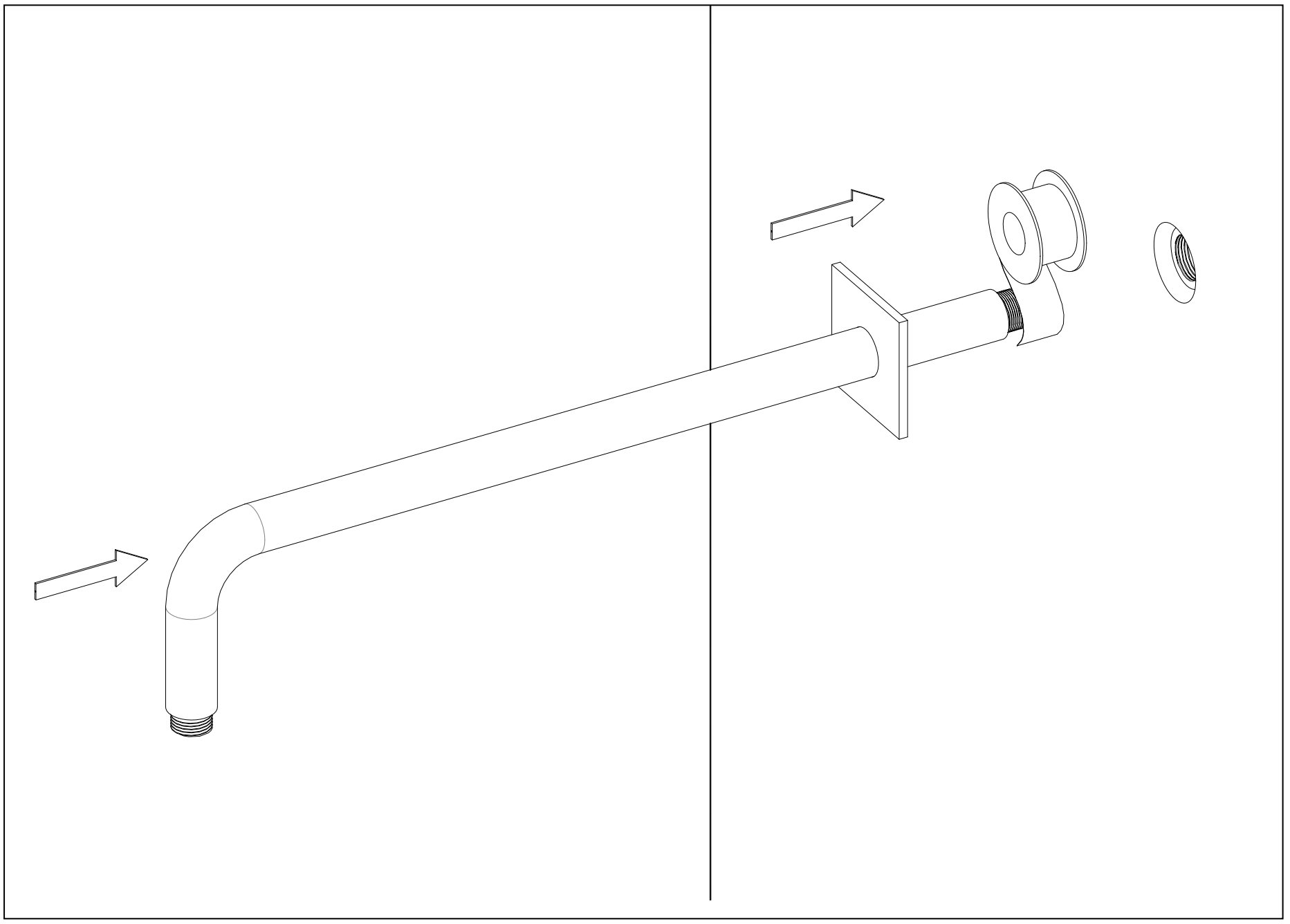


7. SHOWERHEAD INSTALLATION

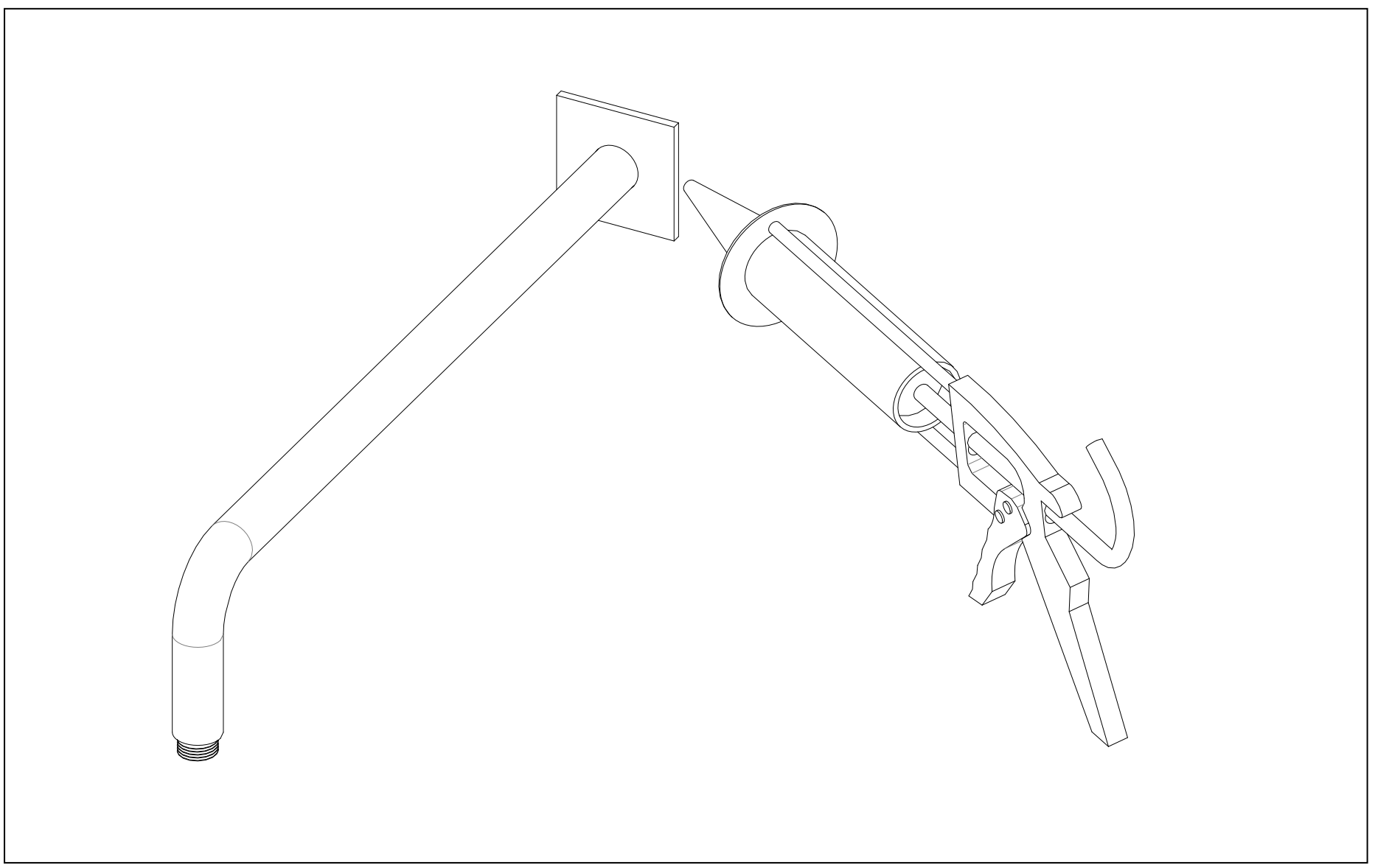
7.1 Attach shower arm escutcheon to the shower arm and apply teflon tape on the thread of shower arm, secure the shower arm into the pipe elbow inside the wall by rotating clockwise.
Standard threads of shower arm inlet: NPT1/2 (US, CA) G1/2” [1/2 BSPP] (UK, Europe etc.)

Region	Code	Specifications
US	X	G1/2″
US	Y	NPT1/2″

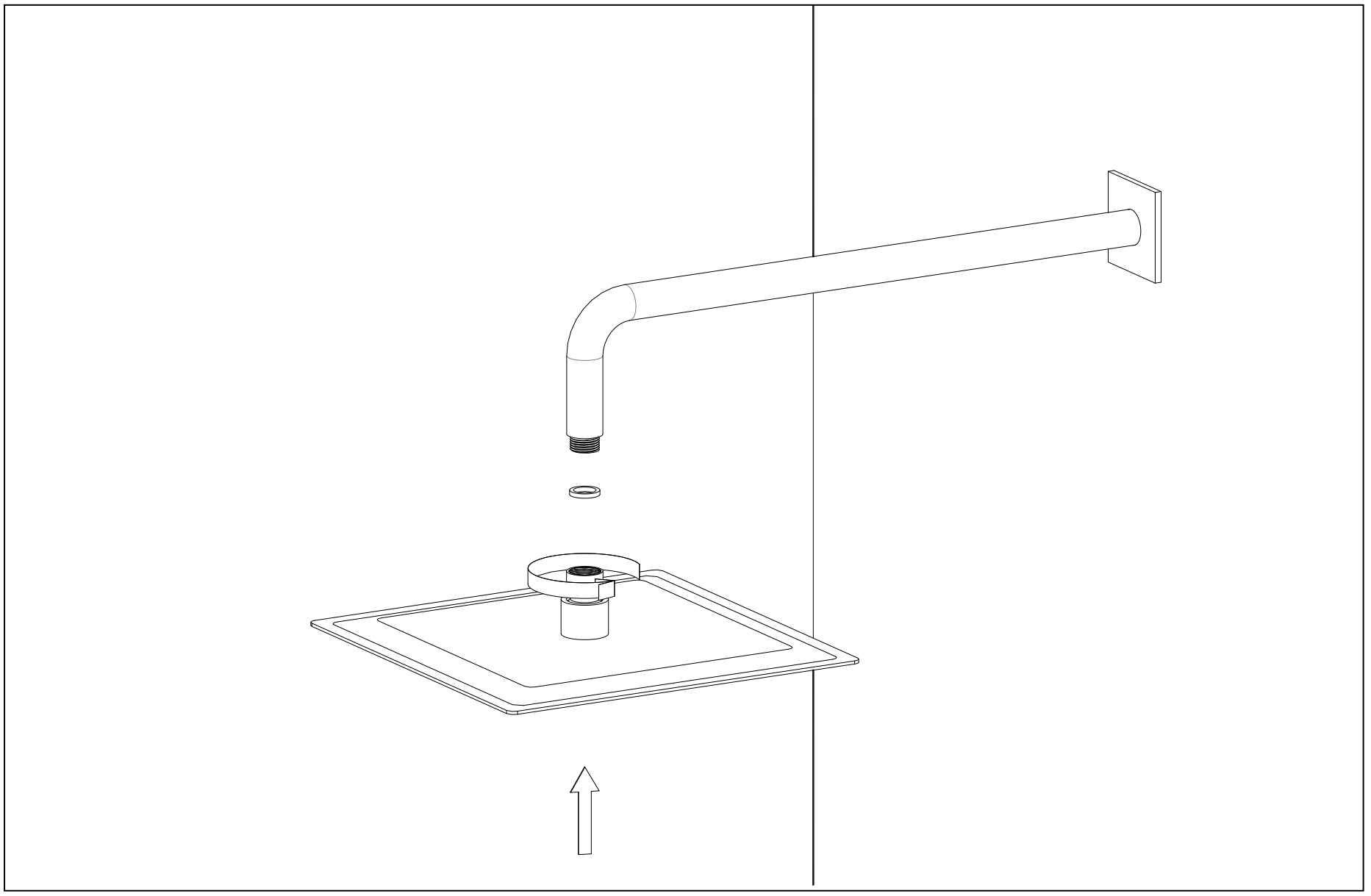


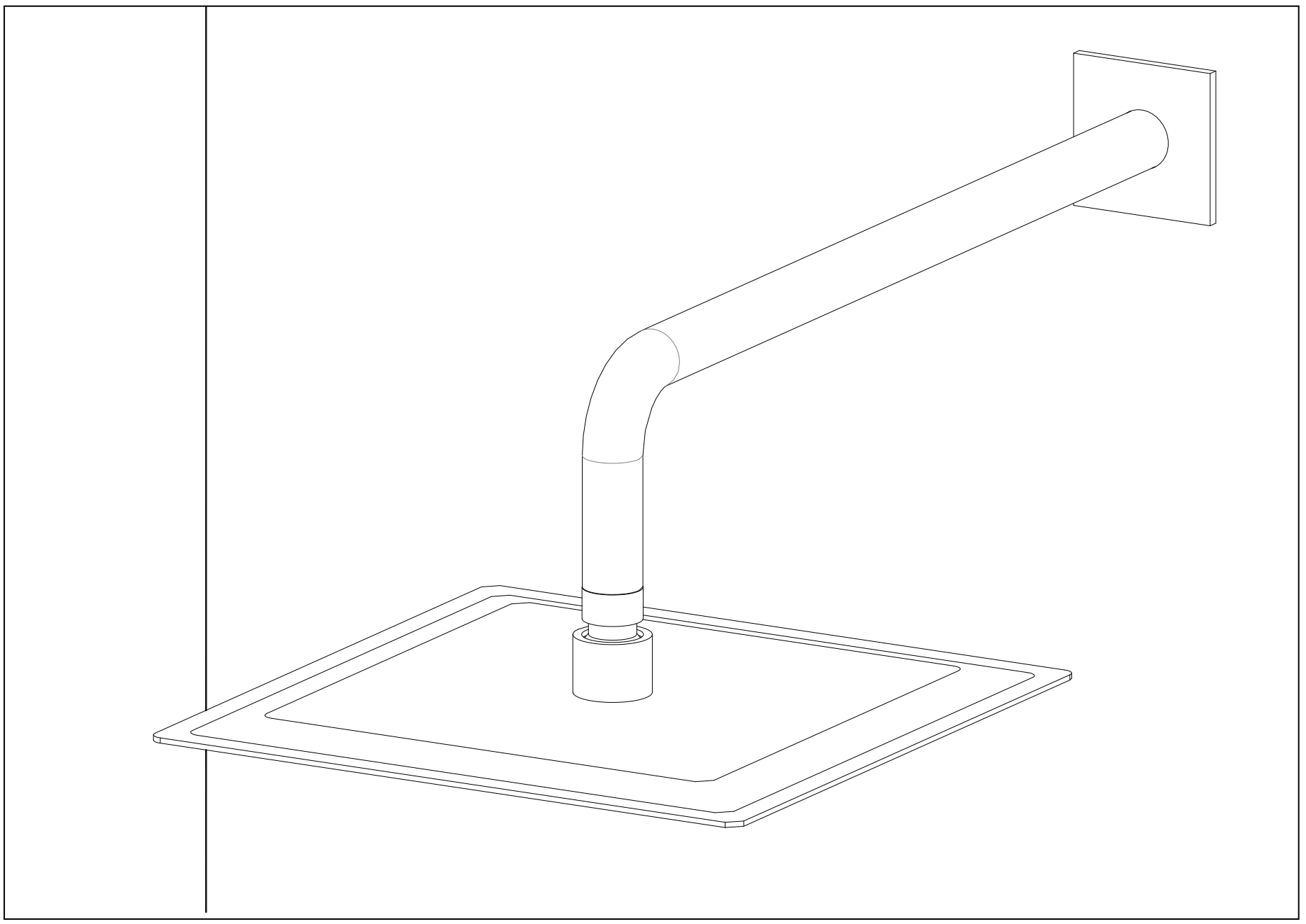


7.2 Seal the wall around the shower arm escutcheon with waterproof sealant.



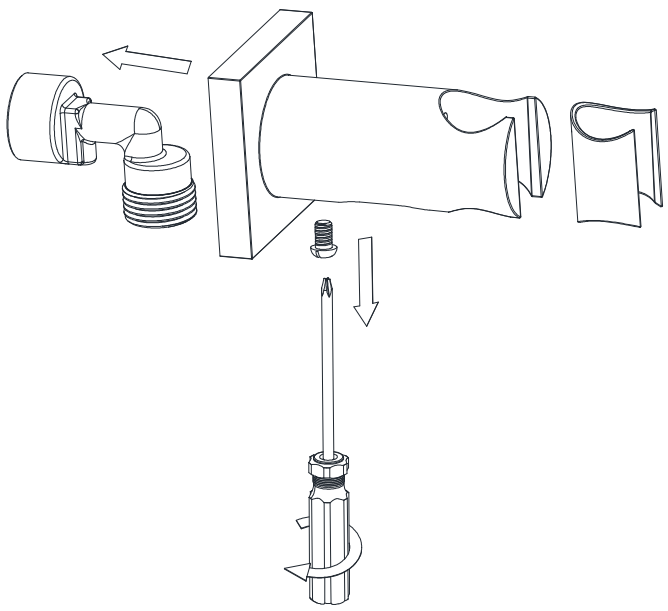
7.3 Put the screen washer into the connector of showerhead and secure the showerhead on the shower head arm by hand rotating clockwise.



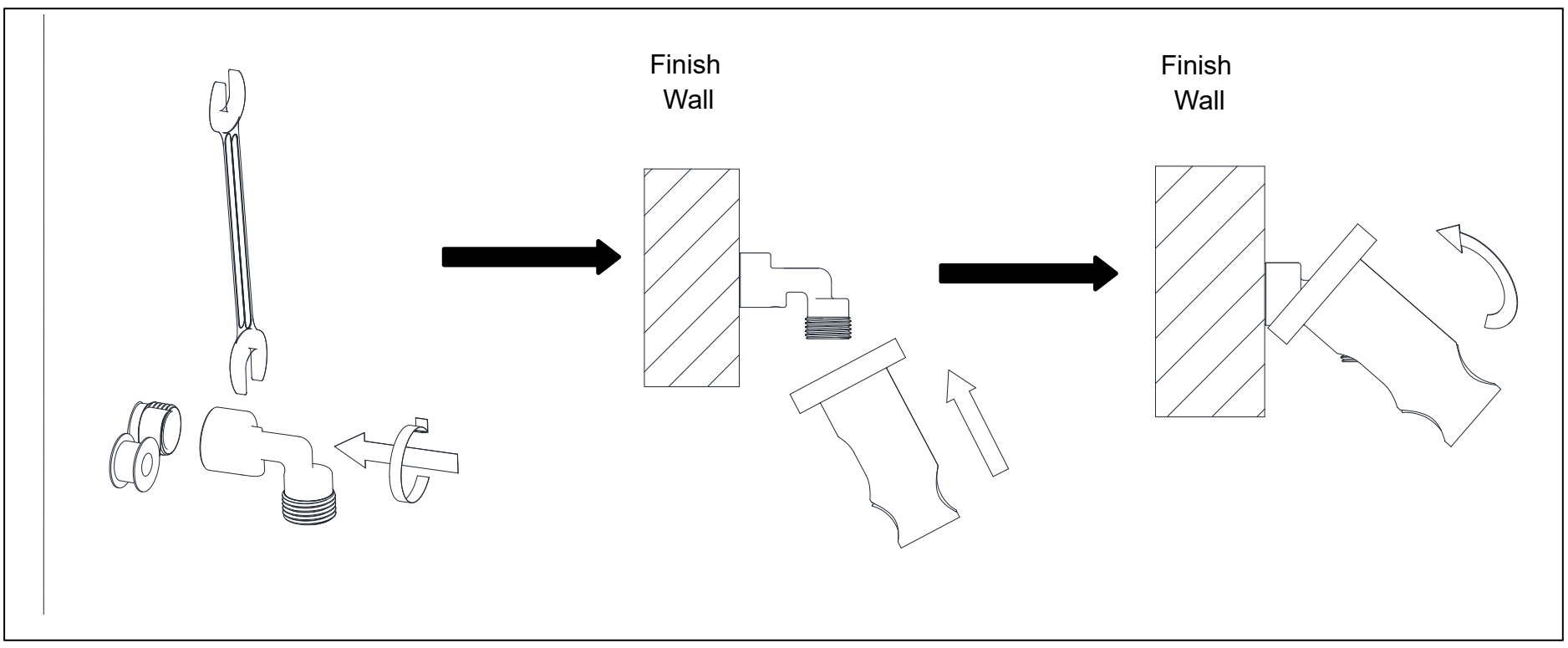


8. HAND SHOWER INSTALLATION

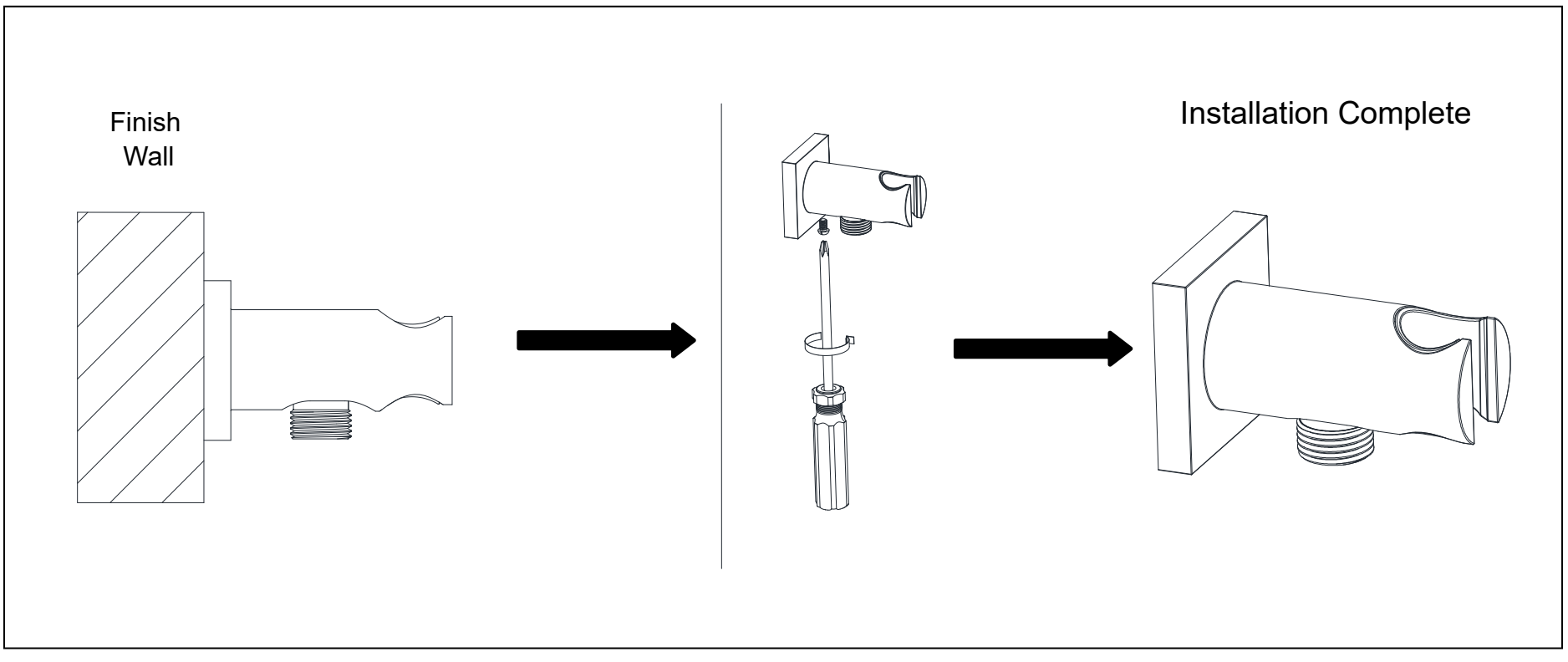
8.1 Disassemble the wall elbow.



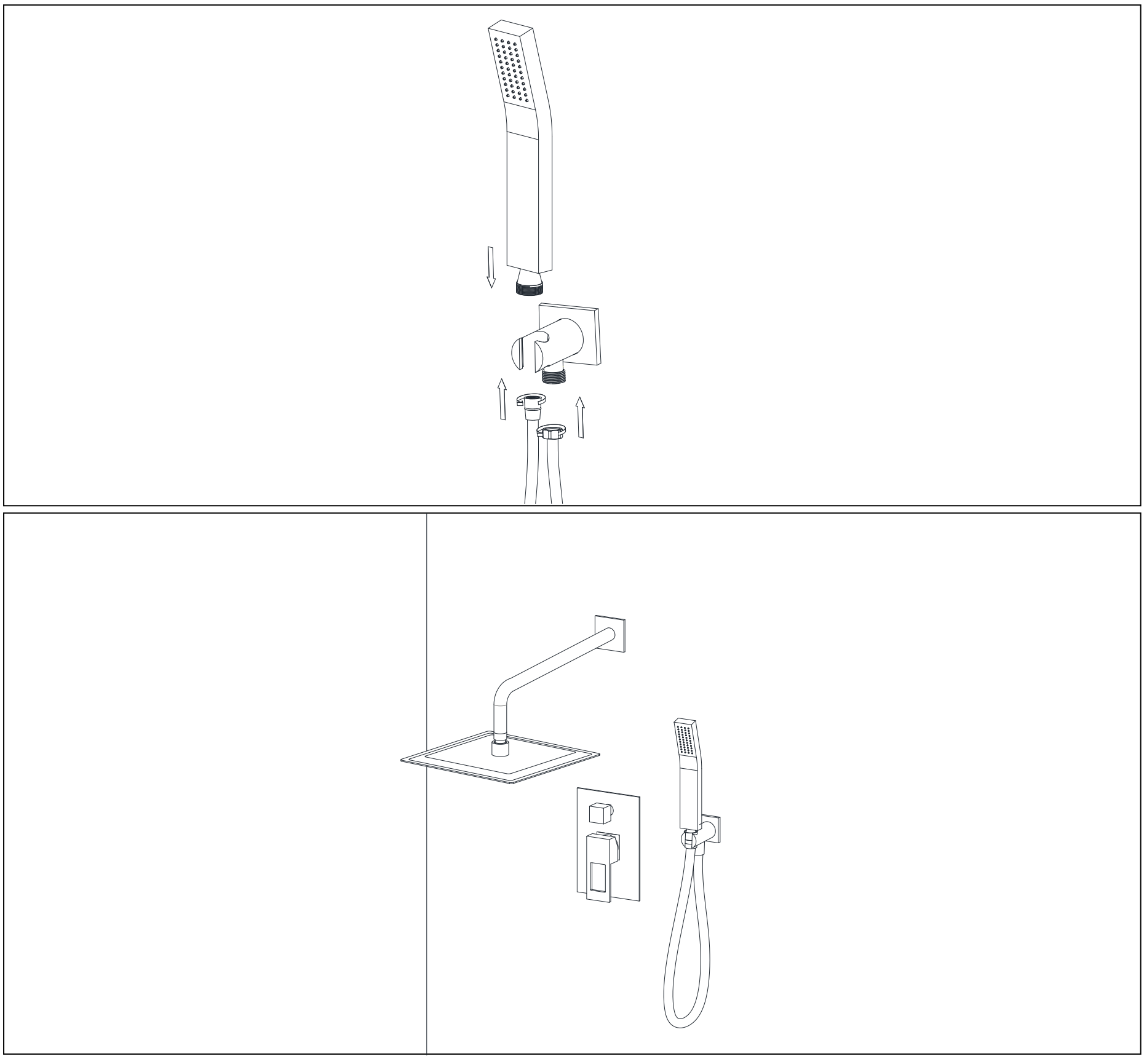
8.2 Tighten the wall elbow onto the water outlet using a wrench, then slide the trim into place.



8.3 Position the trim flush against the finished wall, then secure the trim to the wall elbow valve by tightening the screw from the bottom.



8.4. Connect the hand shower to the elbow with flexible hose.



9. INSPECTION

9.1 Turn on hot and cold water supply and check all connections for ensuring no leaking anywhere.

10. FUNCTION INSPECTION

10.1 Turn on the handle, and the water flows out from the showerhead.
10.2 Switch the diverter knob, and the water will rush from the hand shower.

INSTALLATION COMPLETE

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E-mail: support@sumerain.com	E-mail: support@sumerain.com	E-mail: support@sumerain.com