KES

Metal First. No Plastic Shortcuts.

SHOWER SYSTEM INSTALLATION GUIDE

Model
XB6300
XB6305
XB6315
XB6320
Series

CUSTOMER SERVICES

keshome.com

cs@keshome.com

+1-888-667-4833
Mon-Fri, 8 a.m. to 4 p.m. (PT)

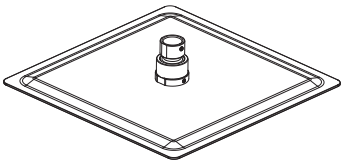
CHAT NOW

GEN-XB6305-EN-V3.5

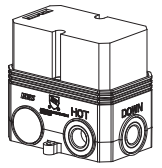
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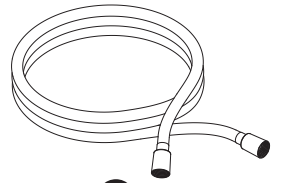
Pack List



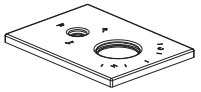
1 Rain Showerhead



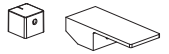
2 Rough-in Valve



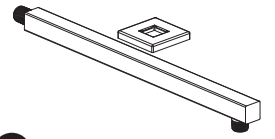
3 Shower Hose



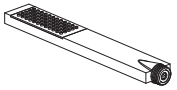
4 Escutcheon



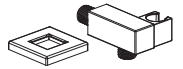
5 Diverter Knob & Handle



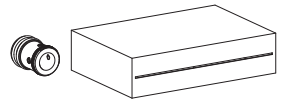
6 Shower Arm & Flange



7 Handshower



8 Water Supply Elbow with Holder & Flange



9 Tub Spout & Adapter

10 Hardware

Rough-in Kit	x4	x4	x2	x4	x1
Shower Trim Kit	x2	x1			
Spare Kit	x2	x1	x2	x5	x1

Note: 5 rubber pieces are not included for Model #: XB6315/XB6320.

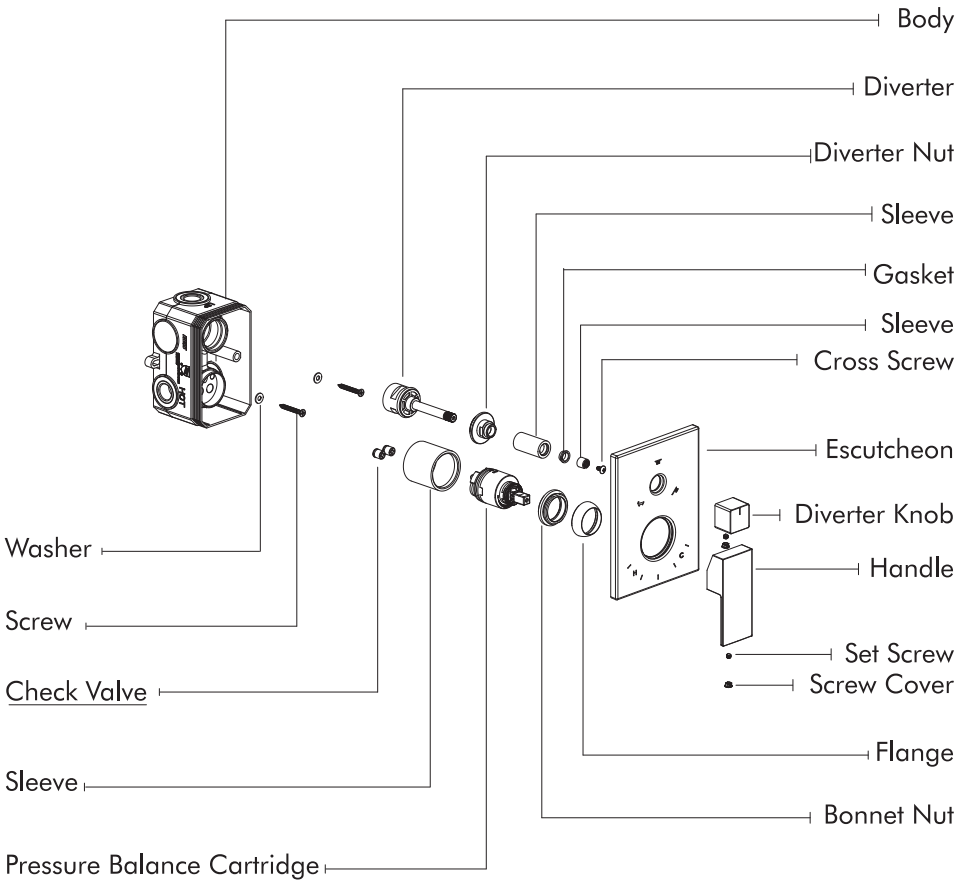
In this part, Model #: XB6300/XB6315/XB6320 may differ from the images. Please refer the actual products for accuracy.

Parts Missing/Damaged?

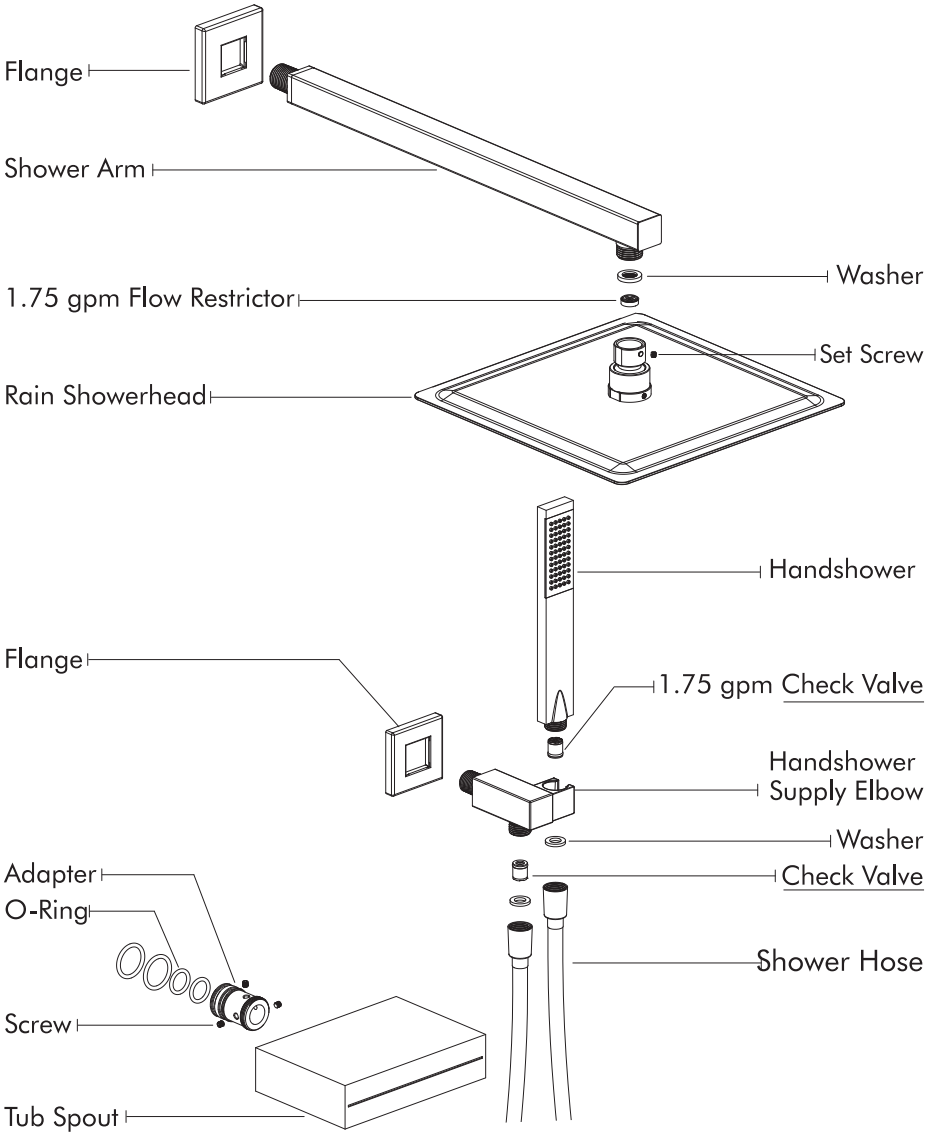
Contact us for assistance

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Illustrated Parts



Illustrated Parts



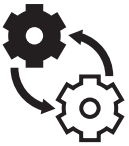
In this part, Model #: XB6300/XB6315/XB6320 may differ from the images.
Please refer the actual products for accuracy.

After-Sales Service



24-Hour Customer Support

Visit our customer support center at www.keshome.com/help, available 24/7.
Customer service is available via Amazon Message, live chat, or email during business hours.



Free Replacement Parts

Contact us if there are parts damaged or missing. Parts will be provided FREE of charge. (Shipping fees may apply)



1-on-1 Responsive Customer Service

You'll be assigned a dedicated agent to see your issue through to resolution. No need to repeat yourself.



Parts Customization

Don't worry about unexpected challenges during projects. We've got you covered! Let us know your specific requirements, and we'll try our best to customize parts that fulfill those needs.



Return Policy

Feel free to return within 30 days of purchase. Just make sure all items (especially hardware pack) are in the box and contact us.

Missing Return Window?

No Worry!
We totally understand

Contact us
for assistance

Notes Before Installation

RECOMMENDED TOOLS


Power Driver (Optional)


Electric Drill


Adjustable Wrench


Pliers


Silicone

Pencil


Teflon Tape


PTFE Tape


Thread Sealant


Allen Key


Thermometer


Gloves


Safety Goggles

PEX

Tools


Pipe Cutter


PEX Crimp Tool


Go/No-Go Gauge

Matching Parts


Drop-ear Elbow


Pipe Fitting


PEX Crimp Rings

COPPER

Tools


Solder Wire


Thread Sealant


Gas Torch


Deburring Tool


Tubing Cutter


Pipe and Fitting Cleaner

Matching Parts


Drop-ear Elbow


Pipe Fitting

PVC/CPVC

Tools


Pipe Cutter


Solvent Cement

Matching Parts


CPVC Drop-ear Elbow


CPVC Fitting

Notes Before Installation

Working Conditions

Environment Temperature: 5 - 48.9°C (41 - 120°F)
Inlet Water Temperature: 5 - 70°C (41 - 158°F)
Water Pressure: 0.14 - 0.55 MPa
Plumbing Connection: 1/2"-14 NPT
Copper Connection: 5/8" Outside Diameter Copper Pipe

Notes Before Installation

Read all instructions before installation and follow this manual to install this product.

- Wear gloves during installation. DO NOT use hard or sharp tools such as a wrench to touch the coated product surfaces directly, or it may cause scratches and damage.

- The product is NOT designed for outdoor use.

- This product must be installed, flushed, and tested in accordance with all state and local plumbing and building codes. Call a professional if you are uncertain about installing this product properly.

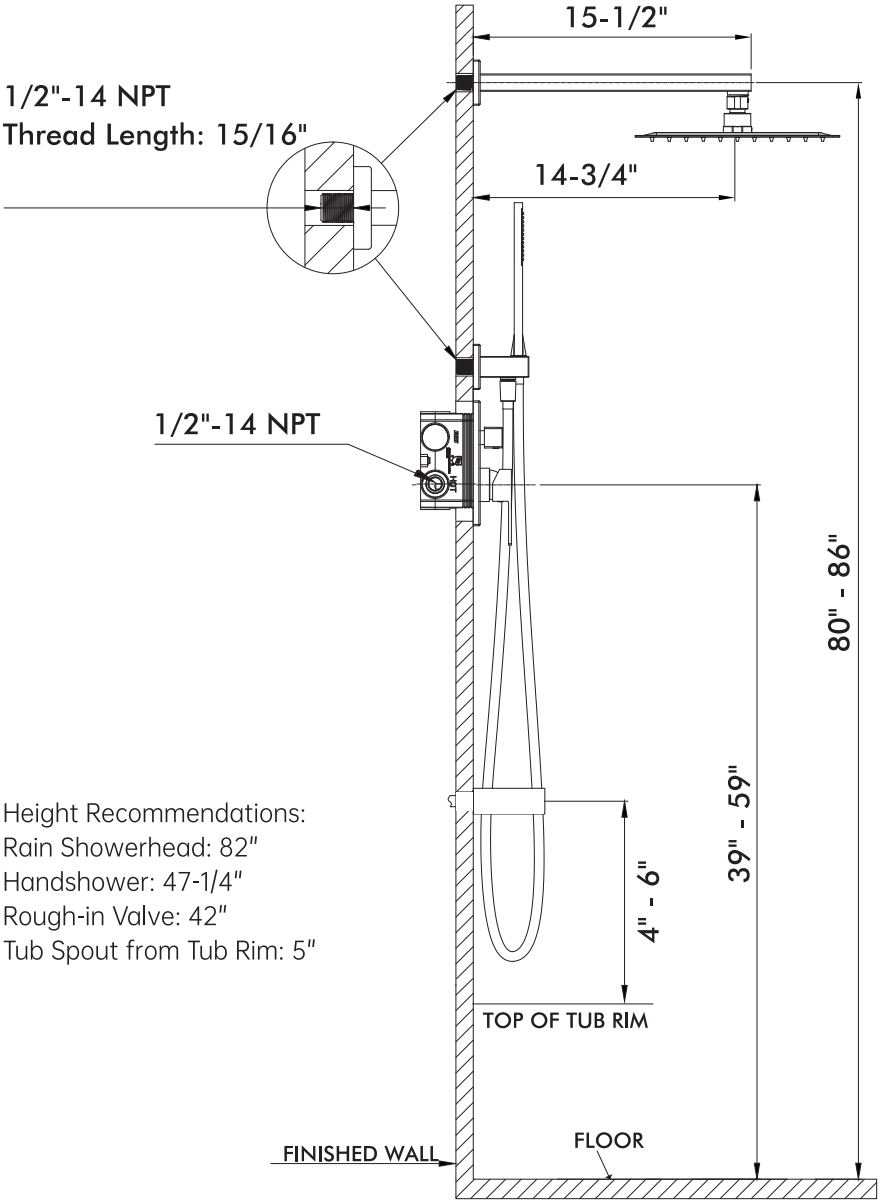
- The product may only be used for bathing, hygienic, and body cleaning purposes.

- Choking hazard. Please keep all small parts and plastic bags out of the reach of children.

Caution! Protect the cartridge during welding installation. If unsure, please consult a professional.

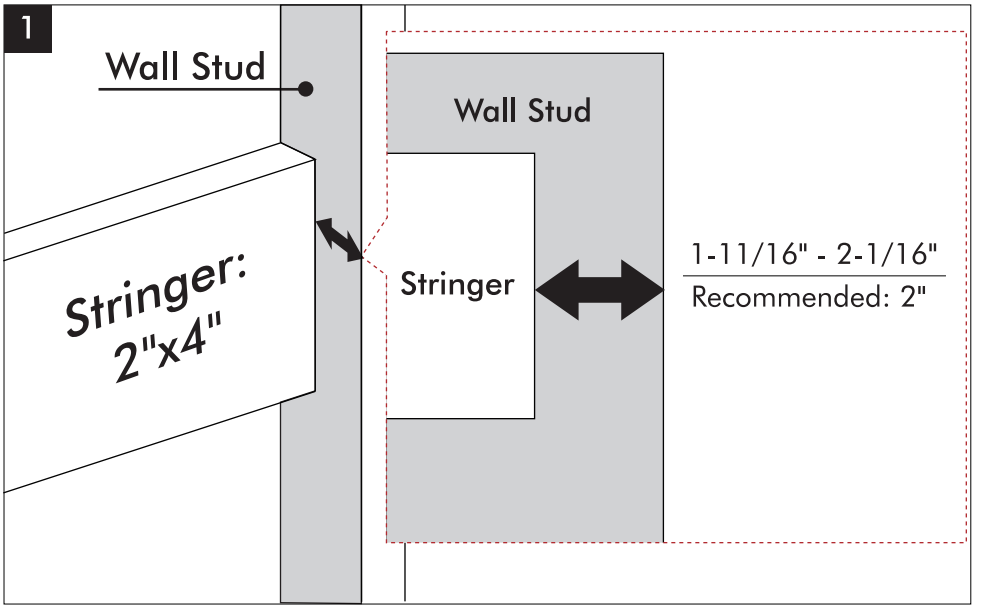
Important Dimensions

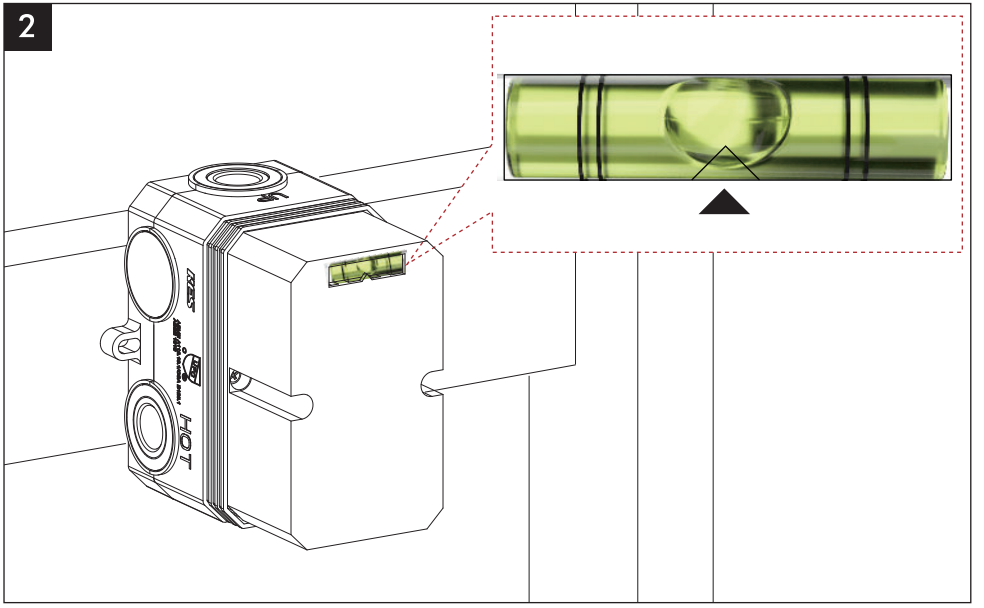
Model #: XB6305 is used as an example for illustration.



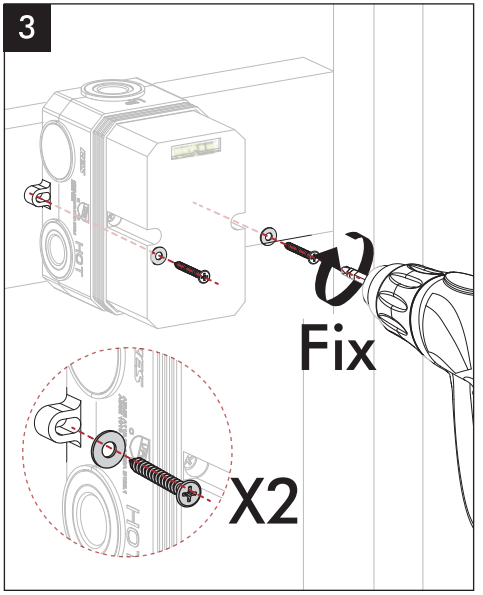
Height Recommendations:
Rain Showerhead: 82"
Handshower: 47-1/4"
Rough-in Valve: 42"
Tub Spout from Tub Rim: 5"

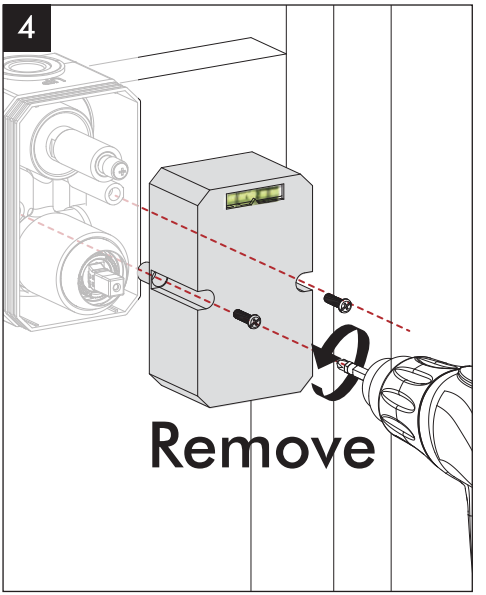
Rough-in Installation

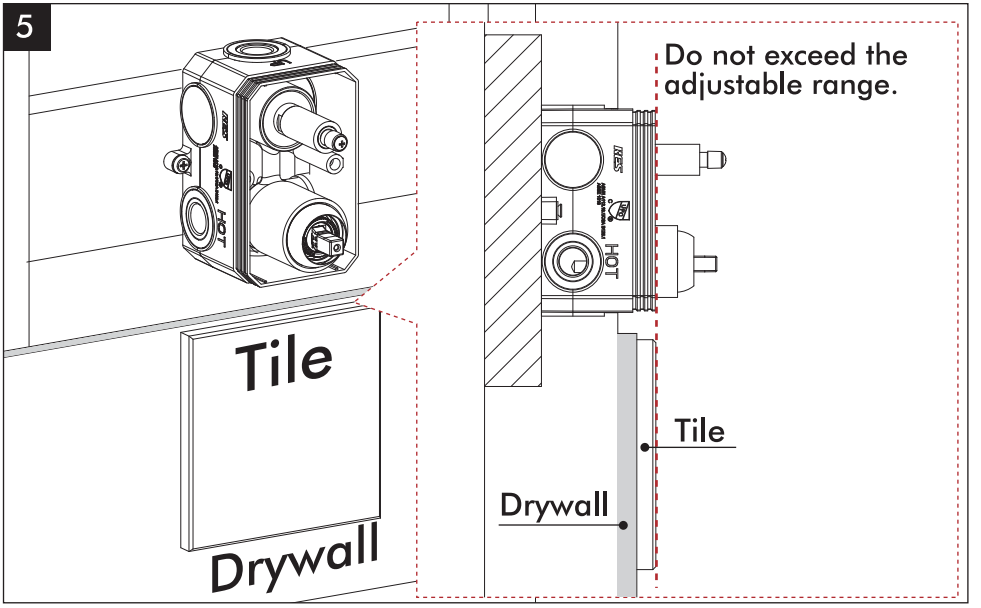




Rough-in Installation





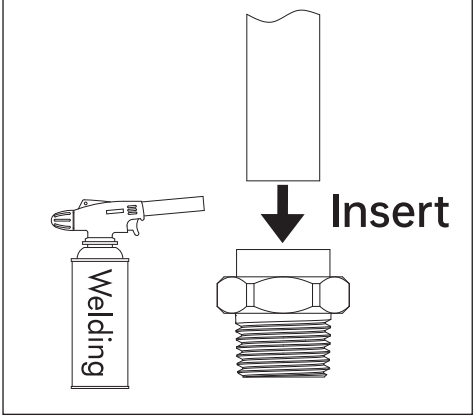


Rough-in Installation

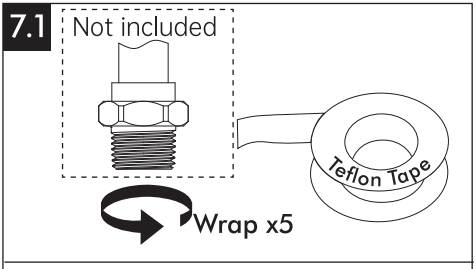
*The following installation method is shown as copper, and Model #: XB6305 is used as an example for illustration.

Caution! Protect the cartridge during welding installation. If unsure, please consult a professional.

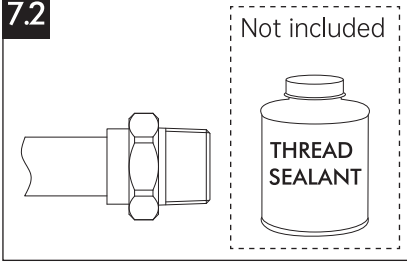
6 Join the parts and pipes together by welding first.



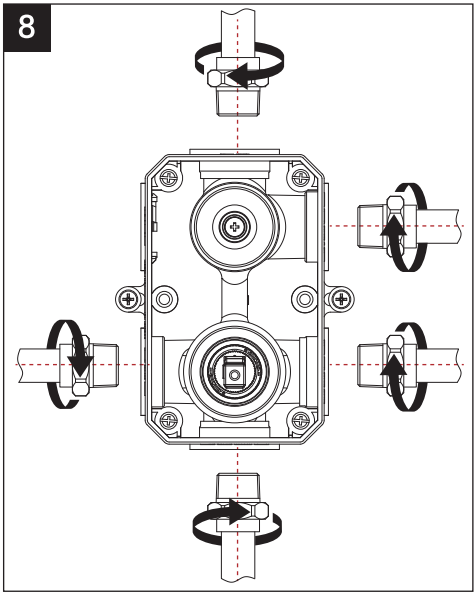
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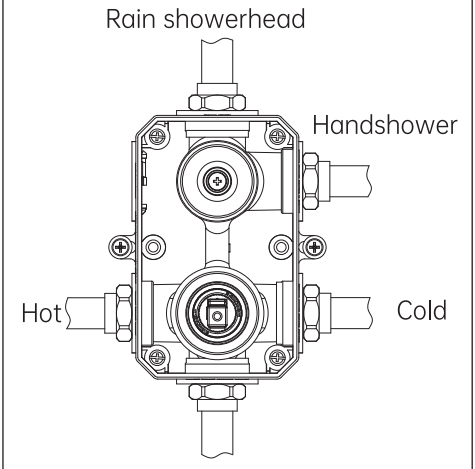
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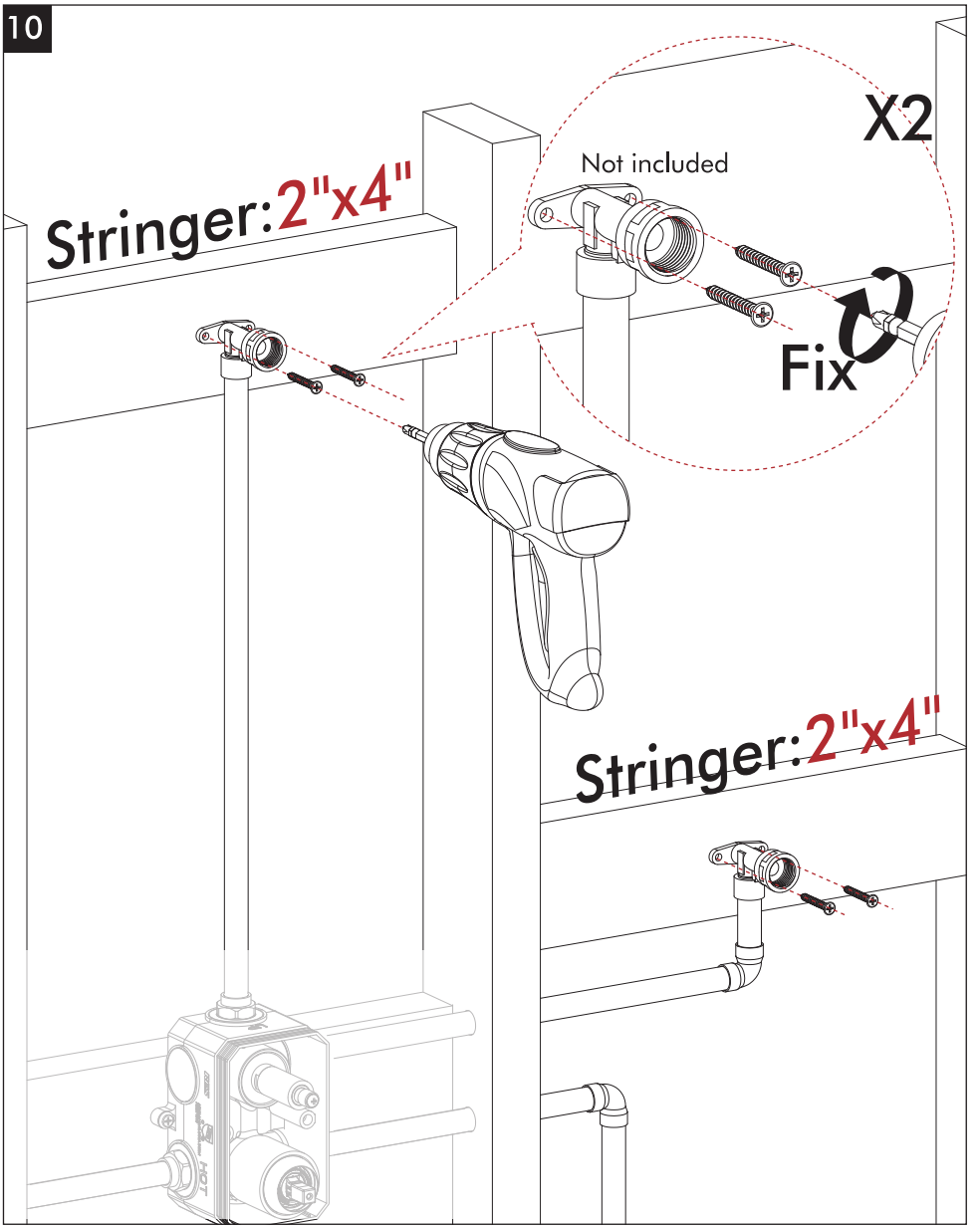
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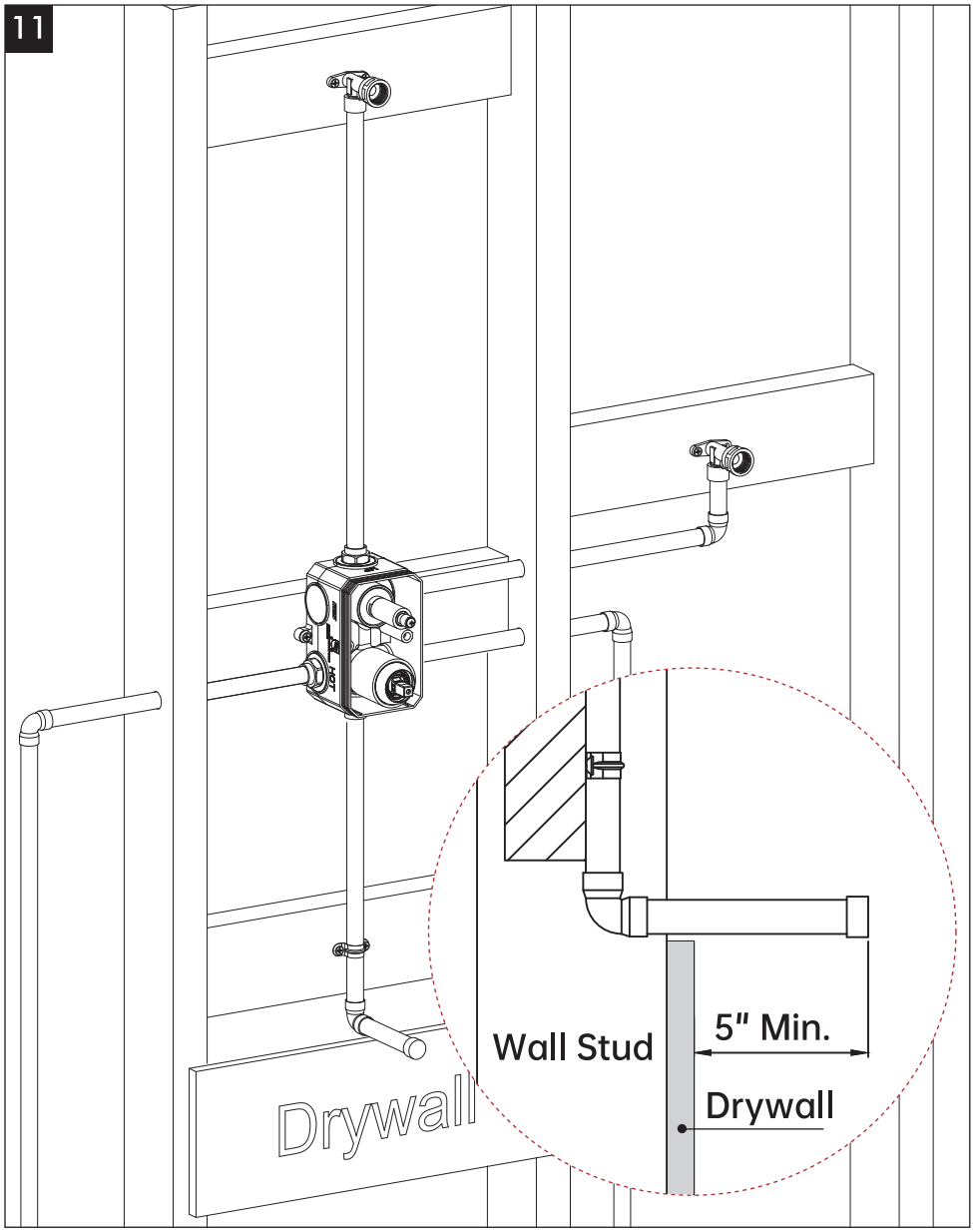
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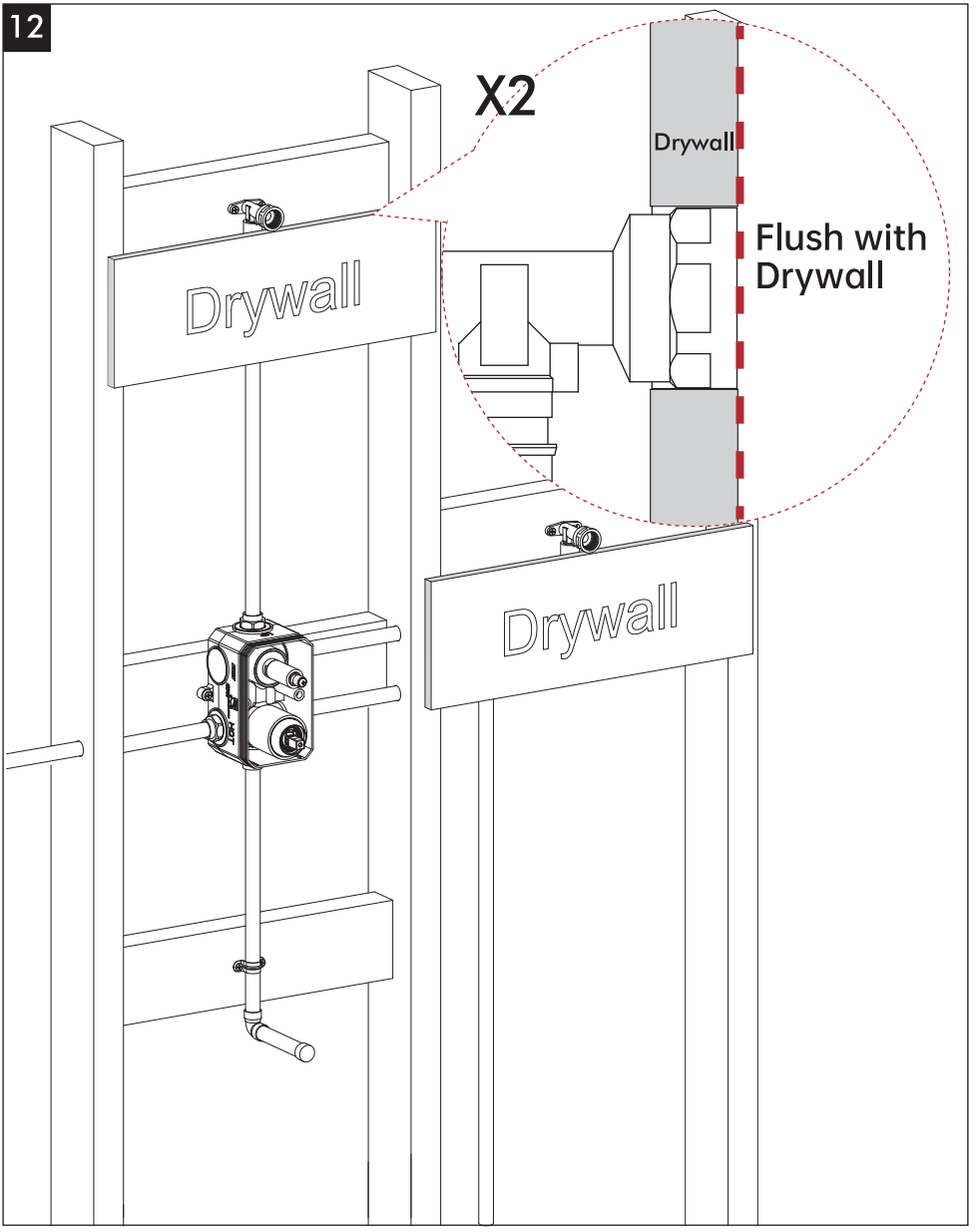
Rough-in Installation



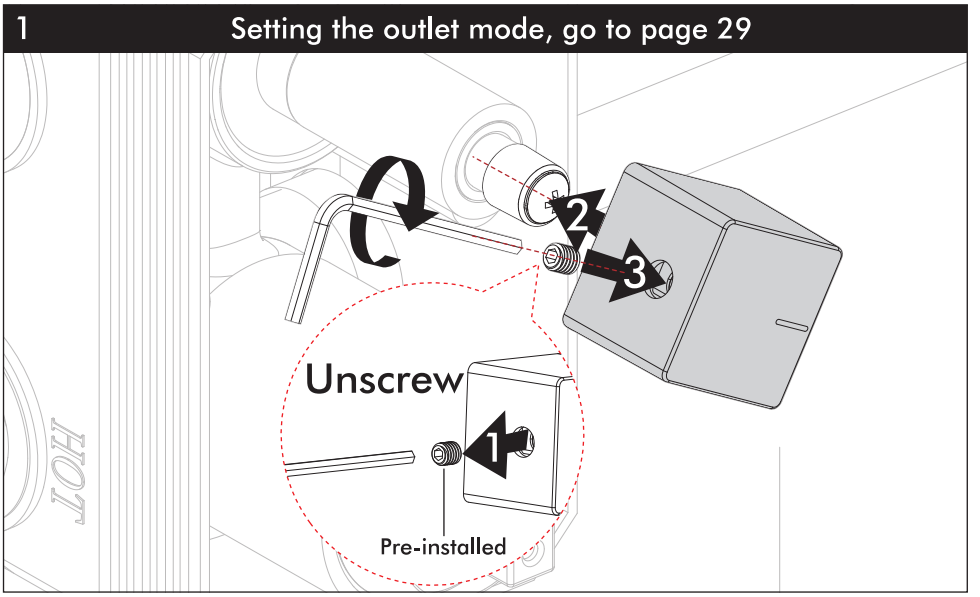
Rough-in Installation

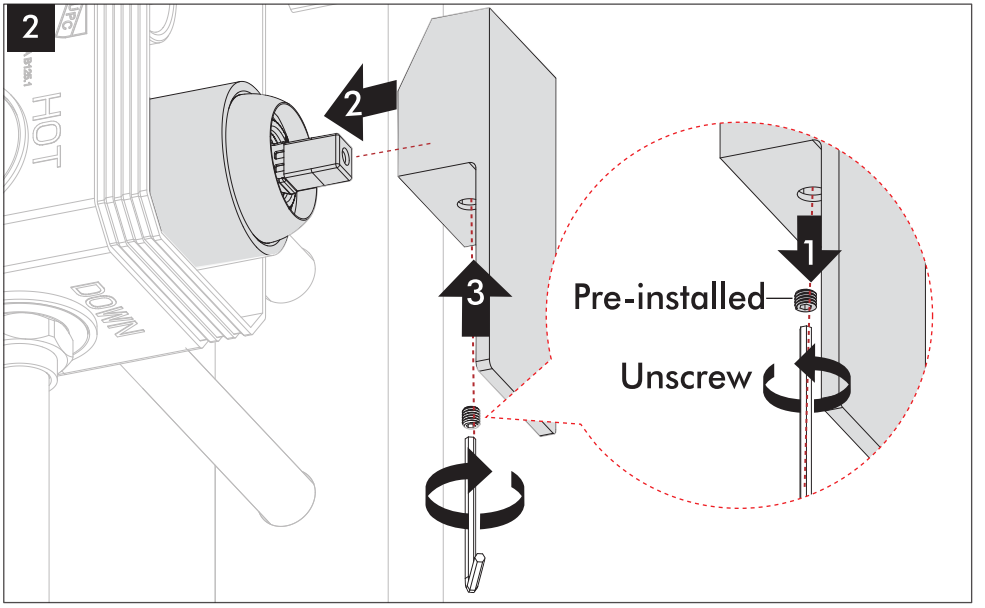


Rough-in Installation



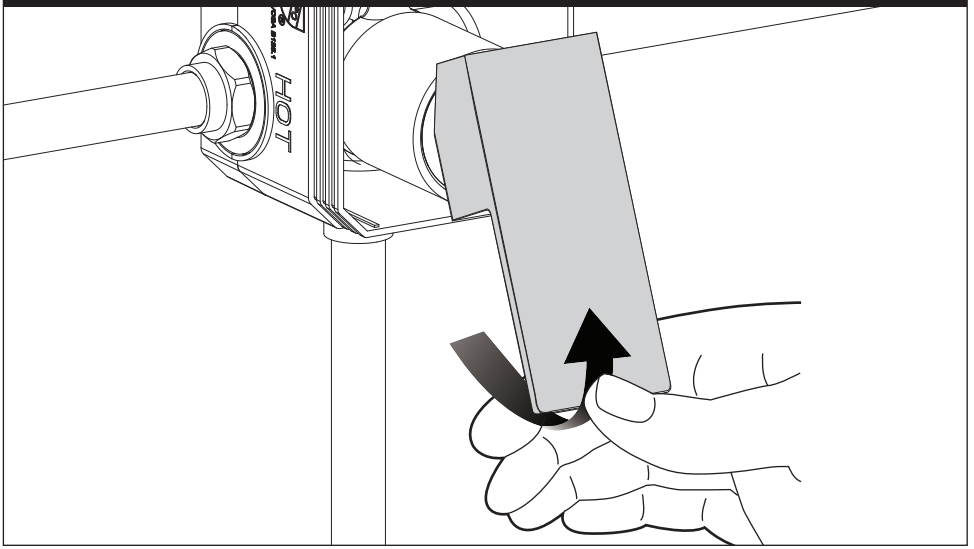
Handle Installation and Operation



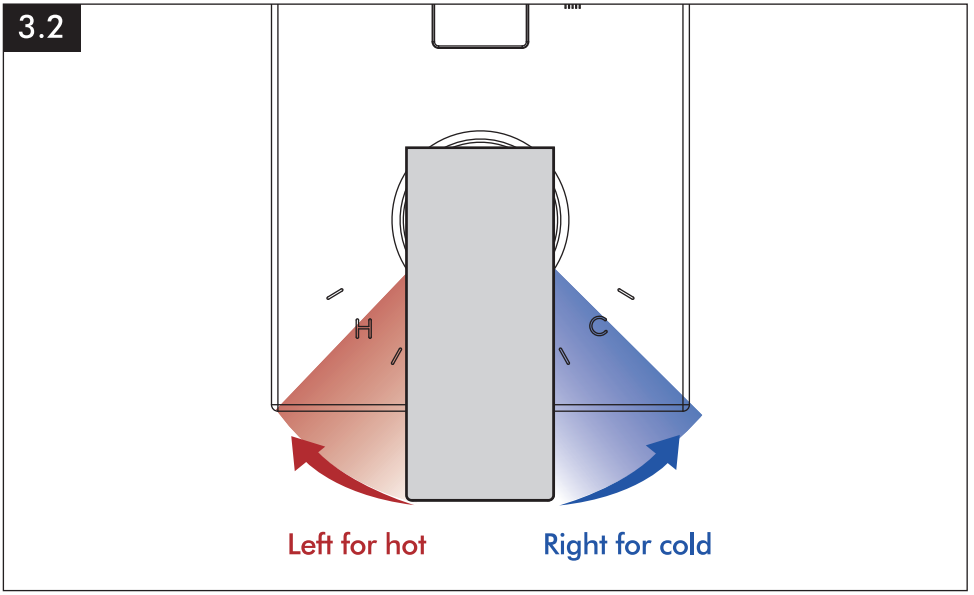


Handle Installation and Operation

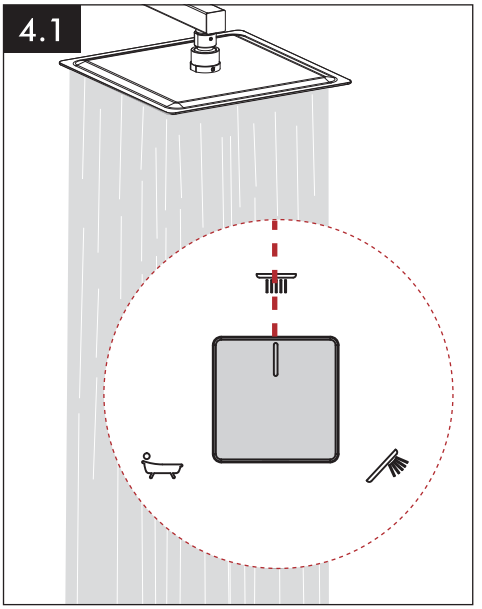
3.1 Lift up for volume control

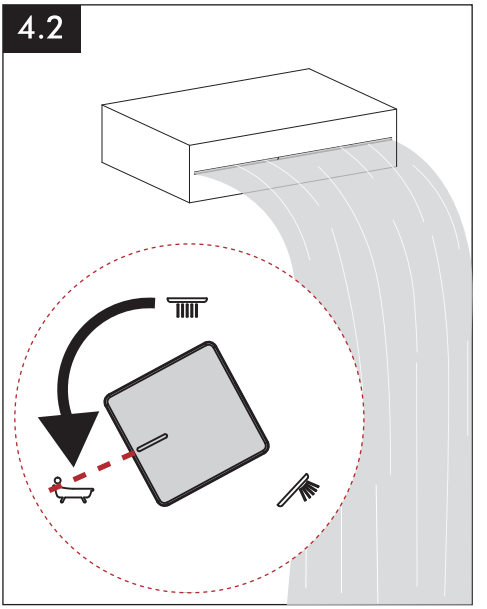


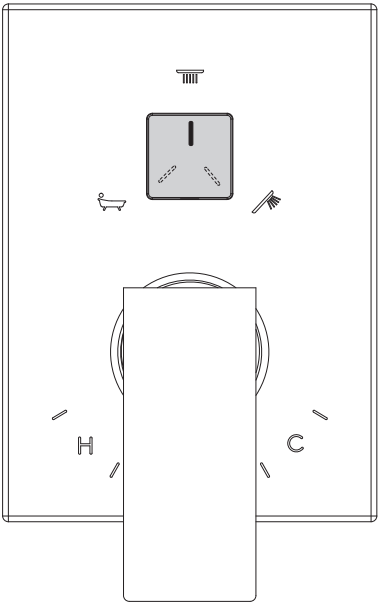
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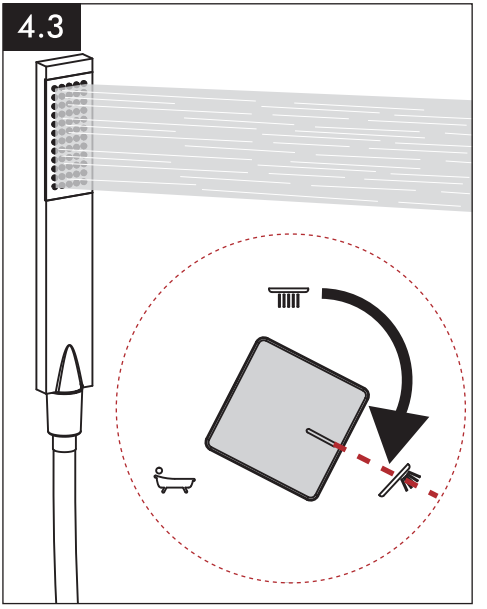


Handle Installation and Operation



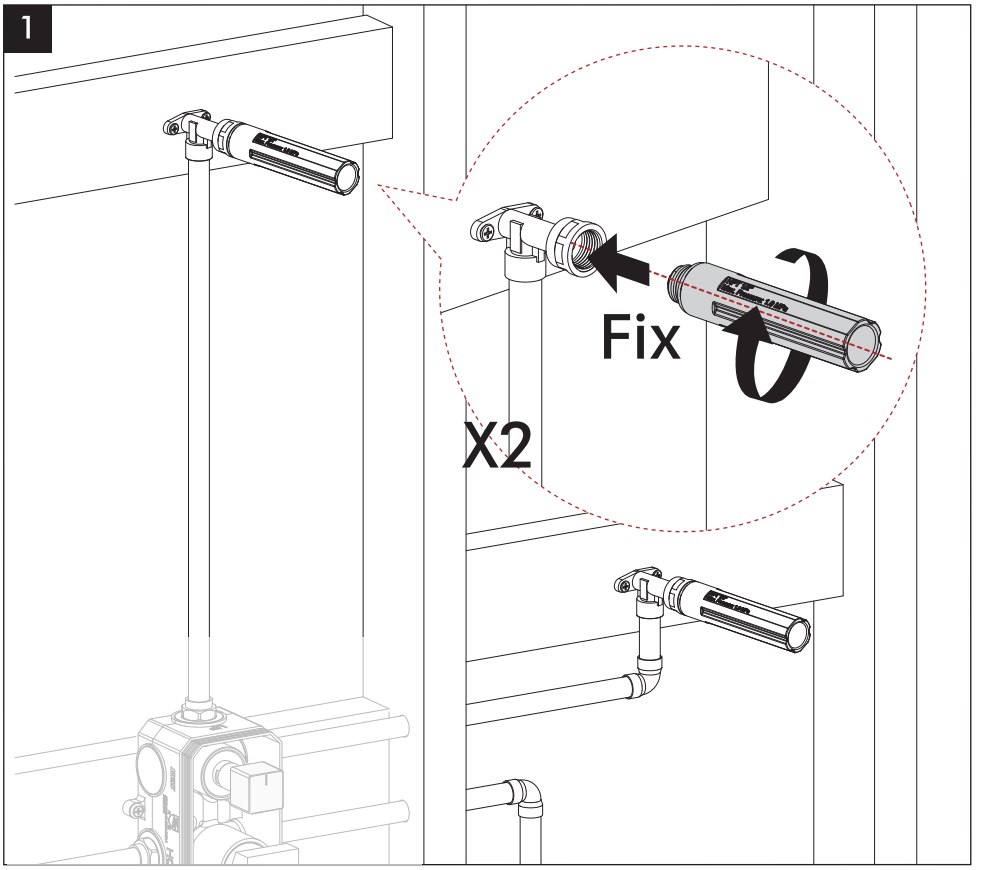






Leakage Check

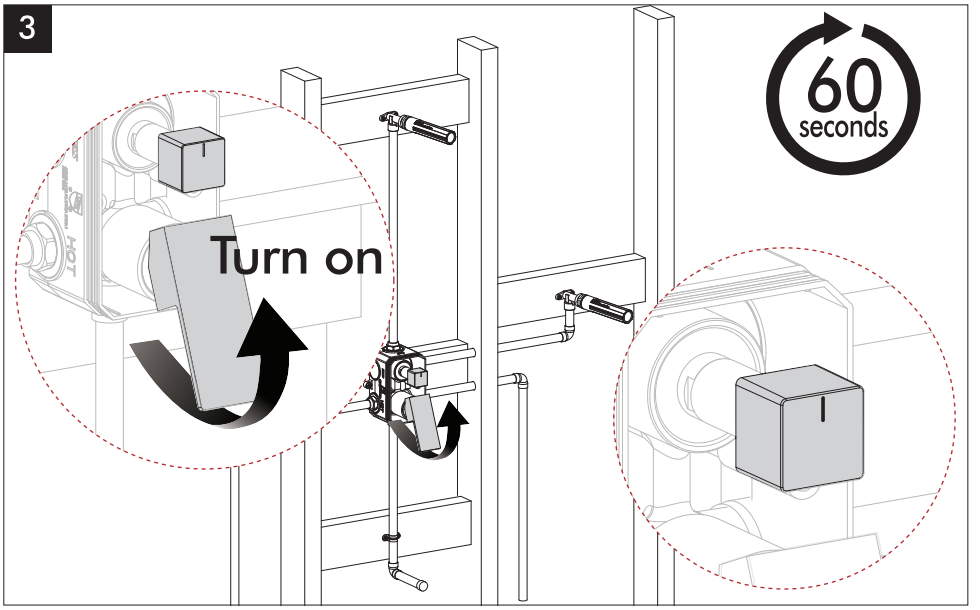
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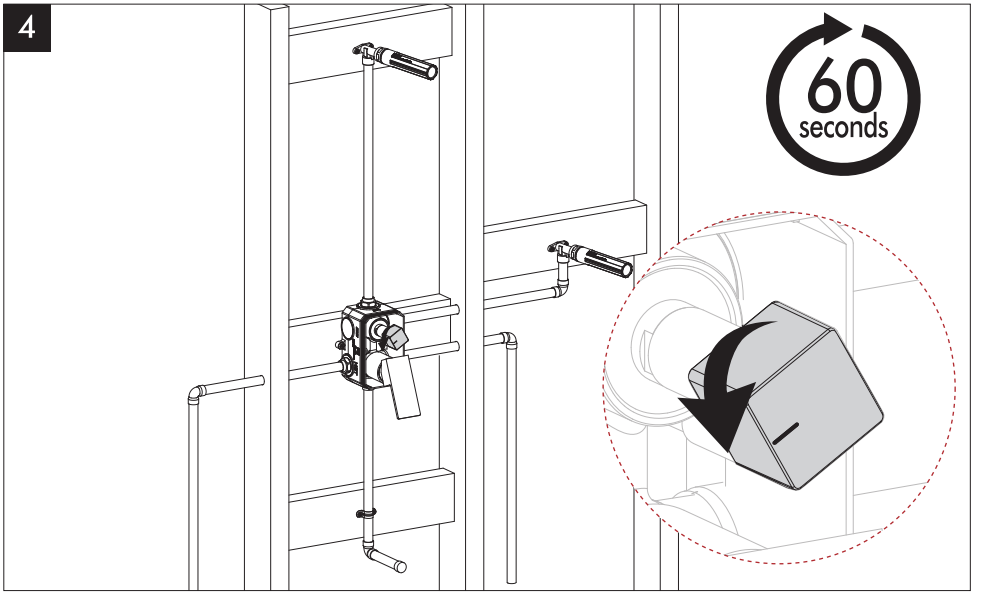


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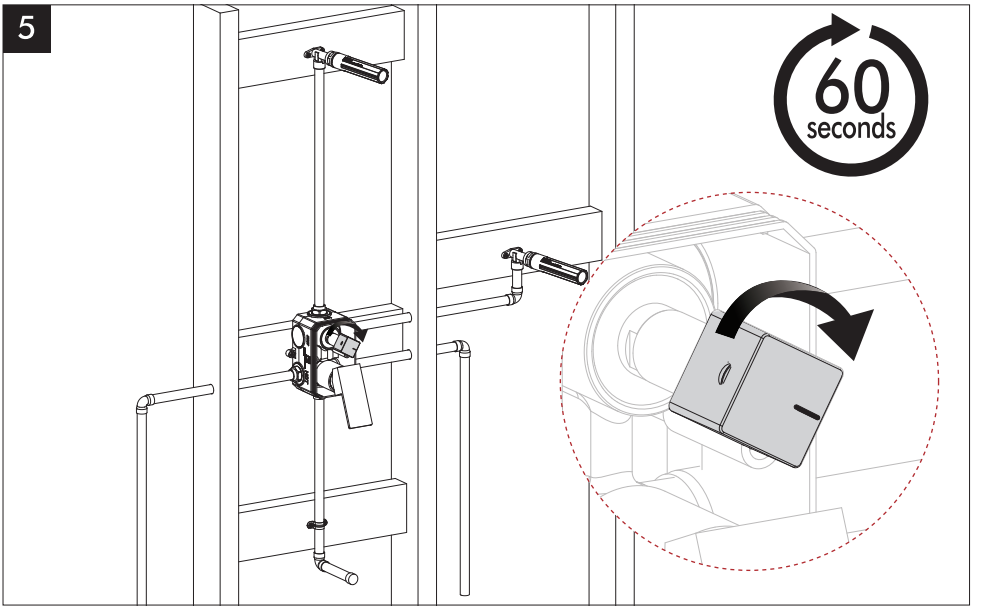
Turn on **BOTH** hot and cold water supplies.

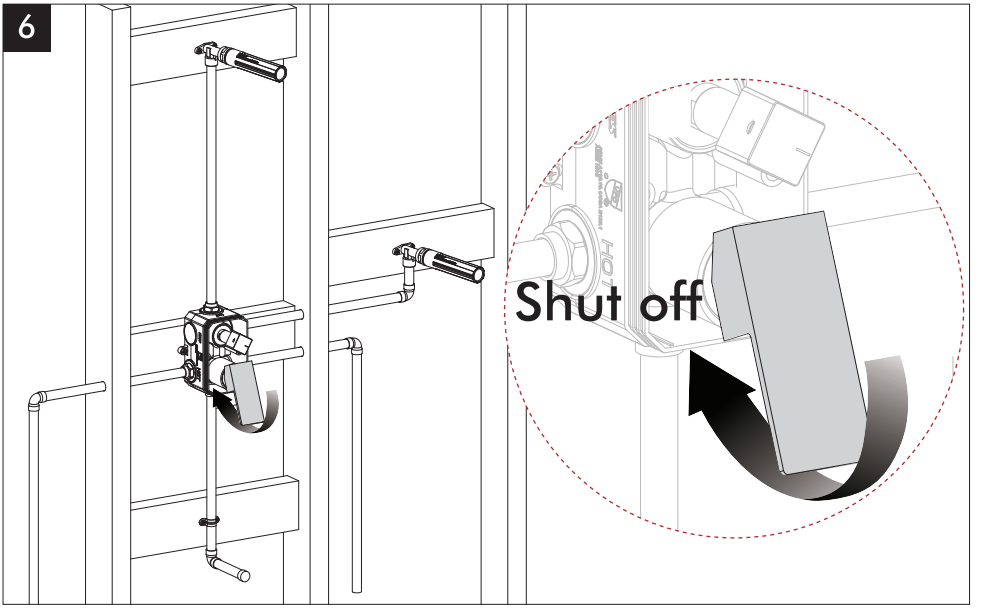
Leakage Check



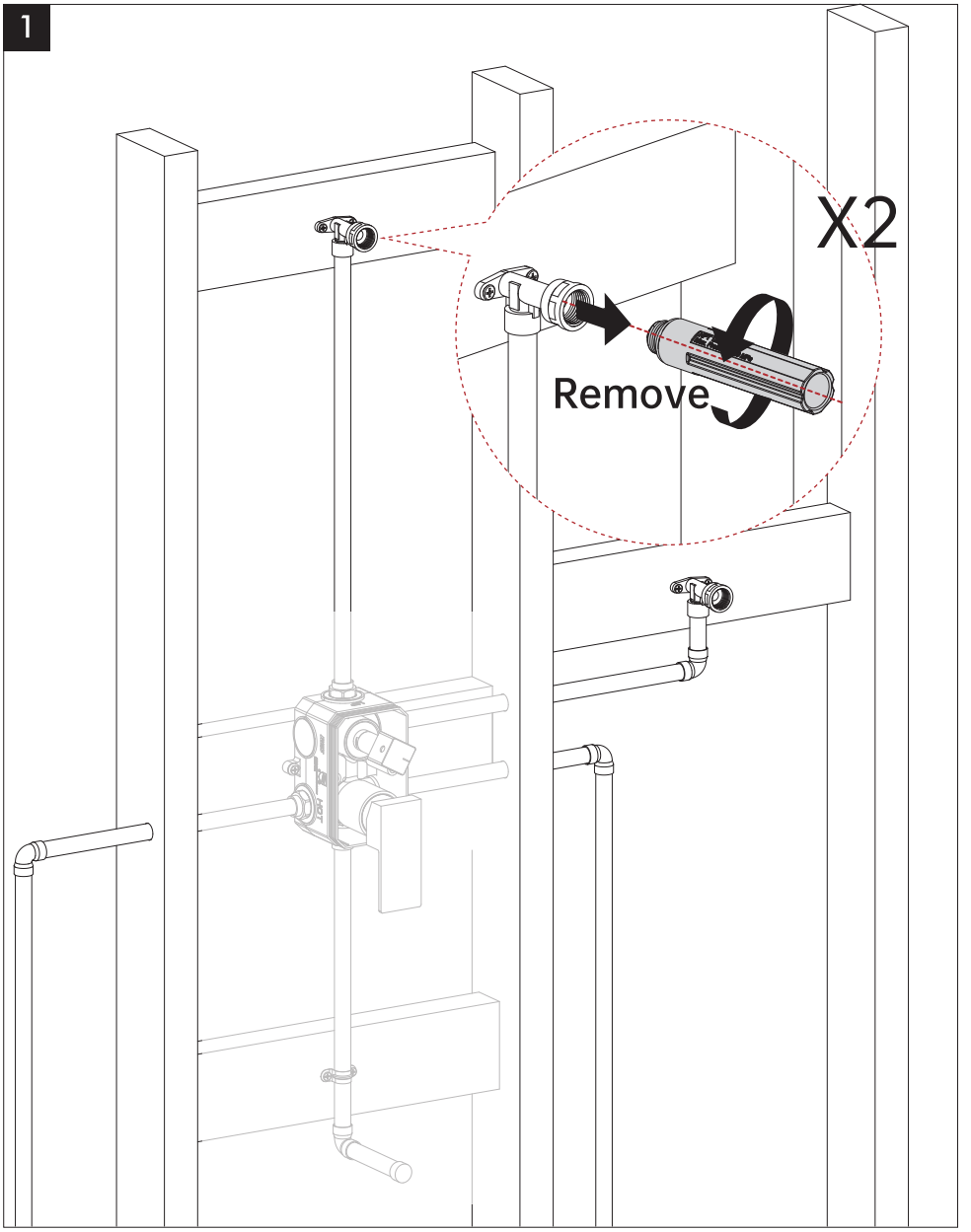


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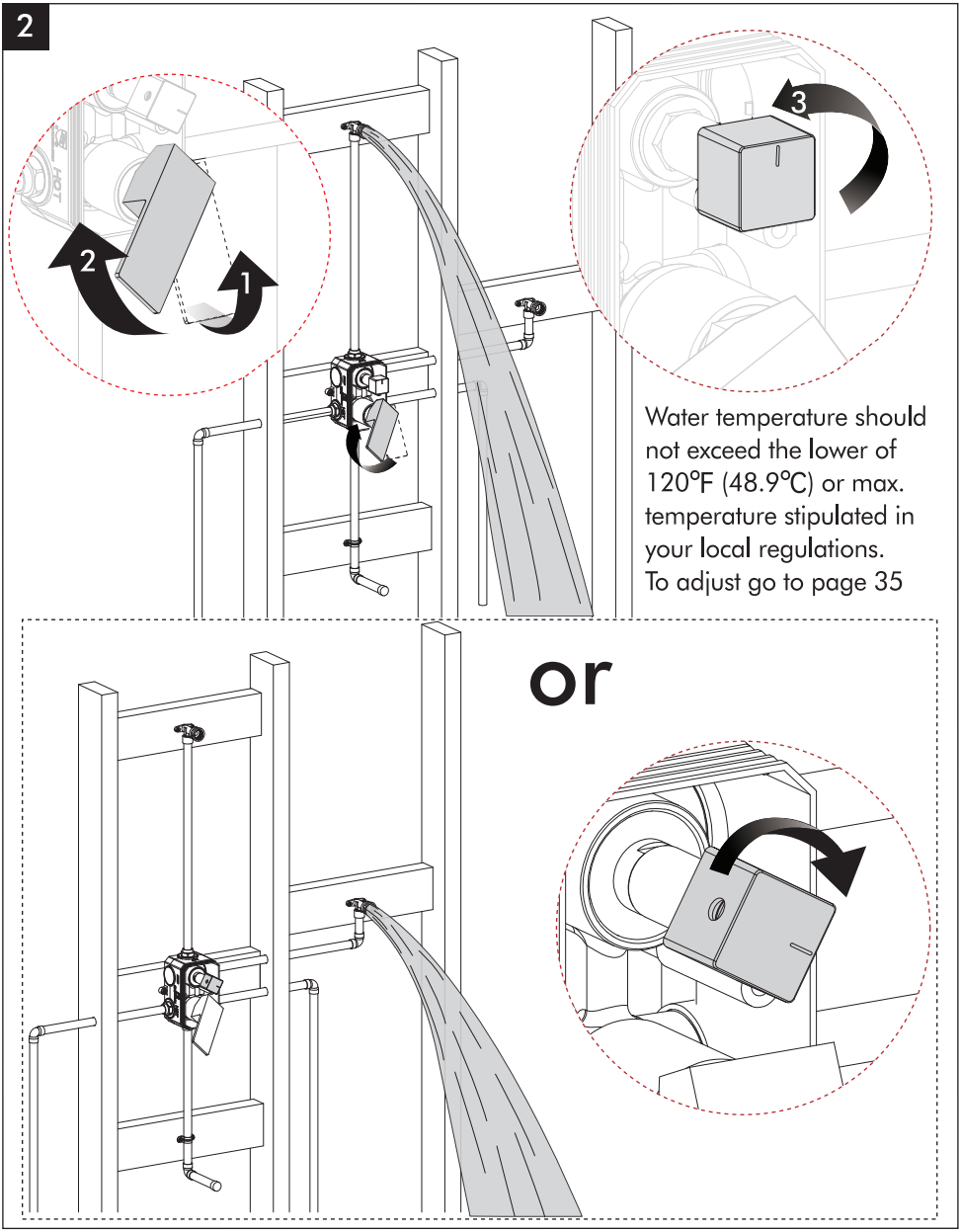




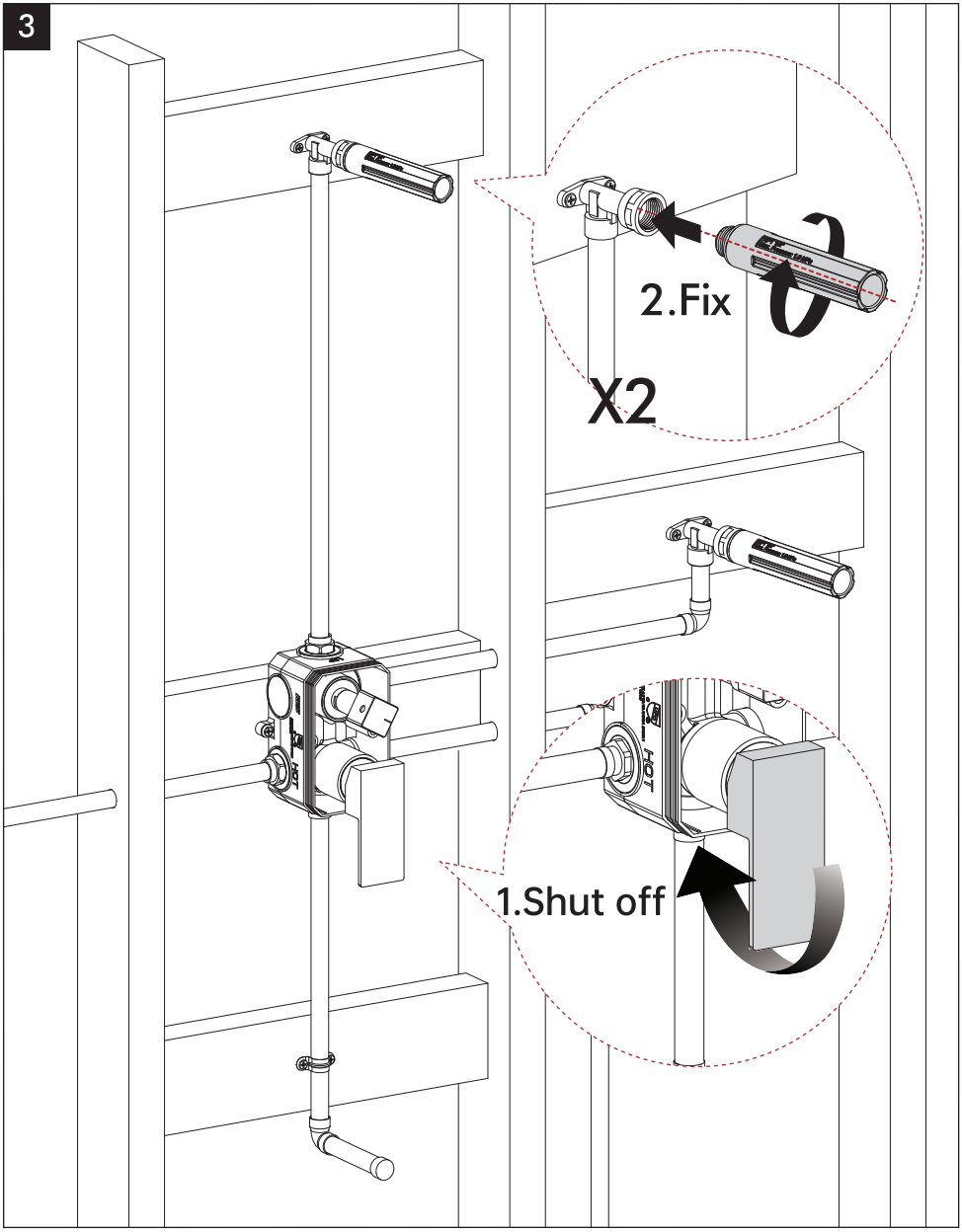
Temperature Check



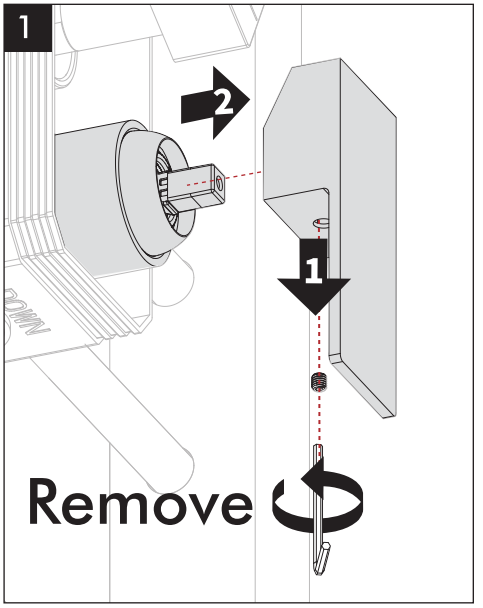
Temperature Check

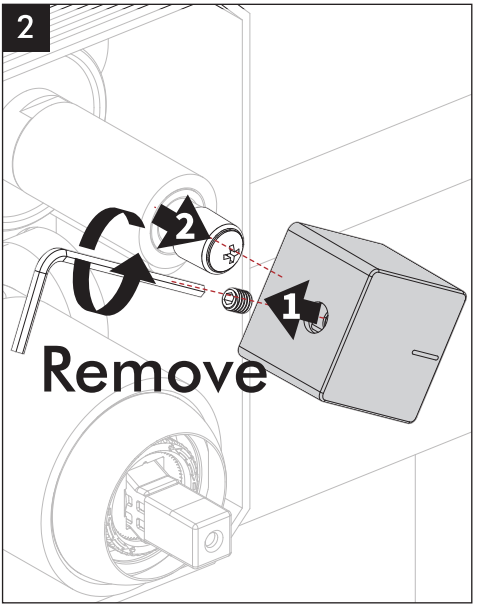


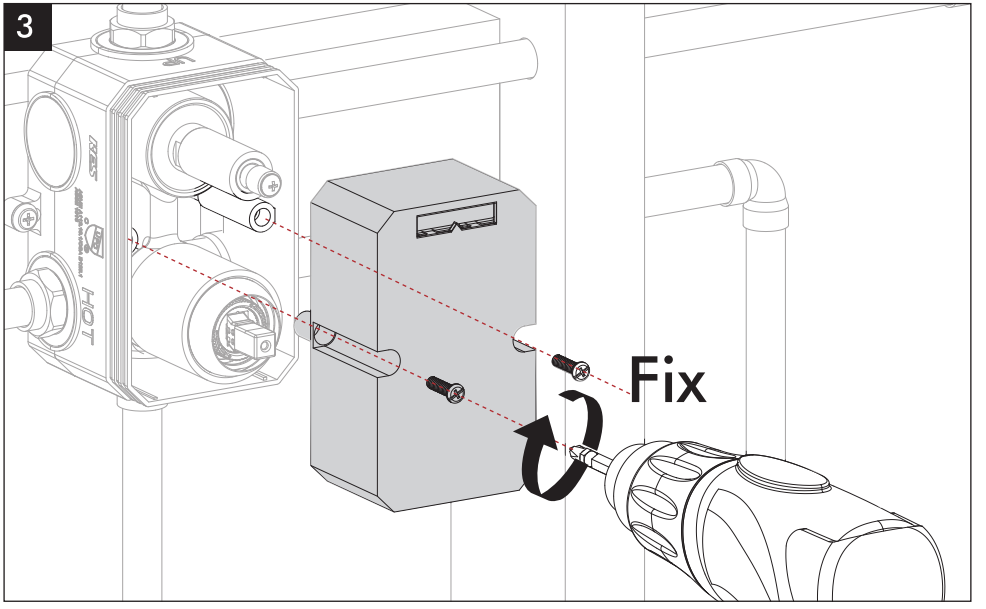
Temperature Check



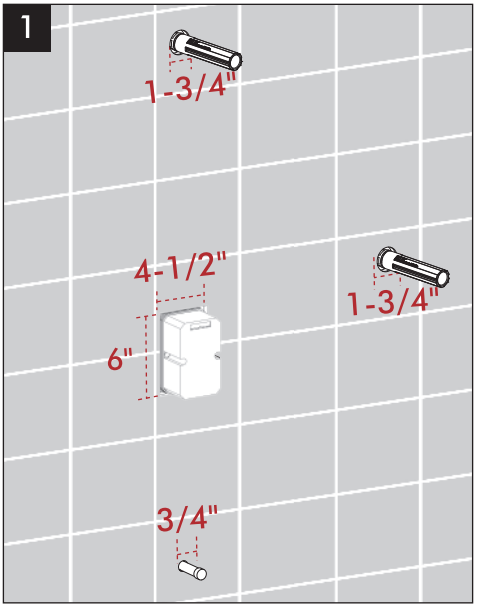
Protective Cover Installation

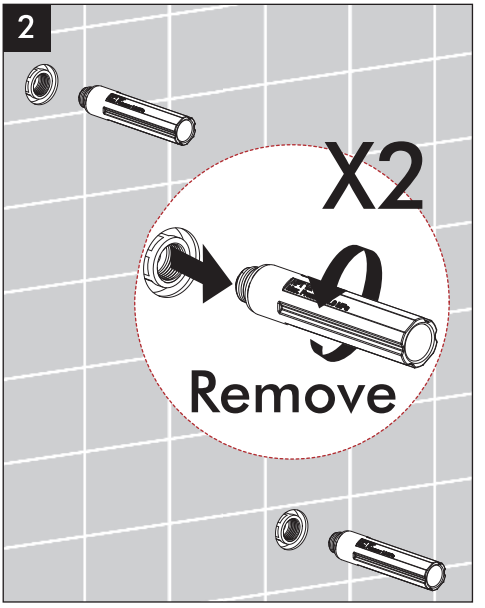


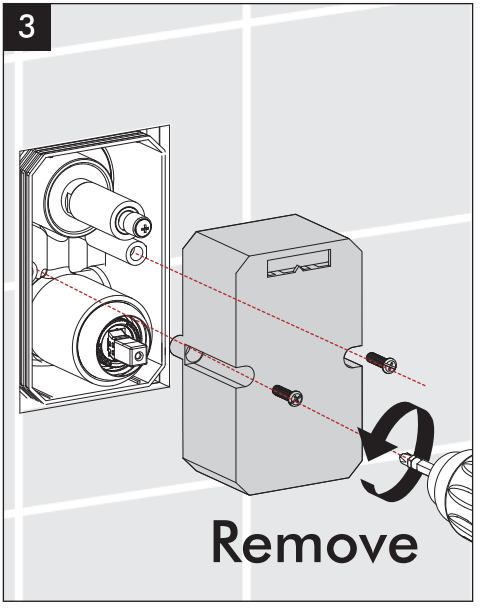


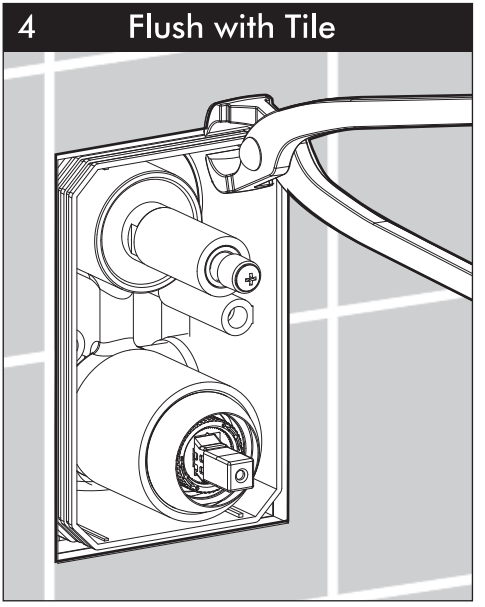


Rain Showerhead & Handshower & Tub Spout Installation

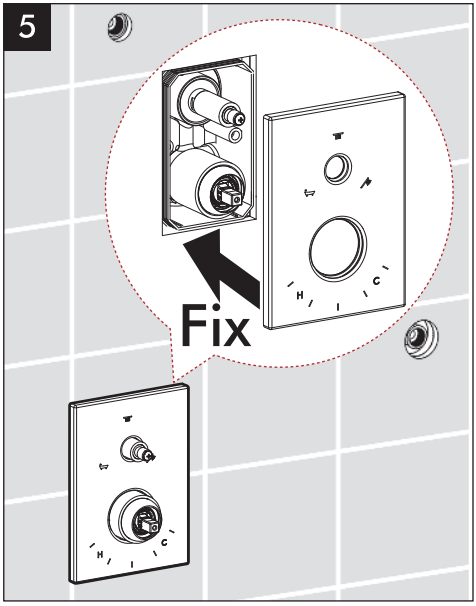


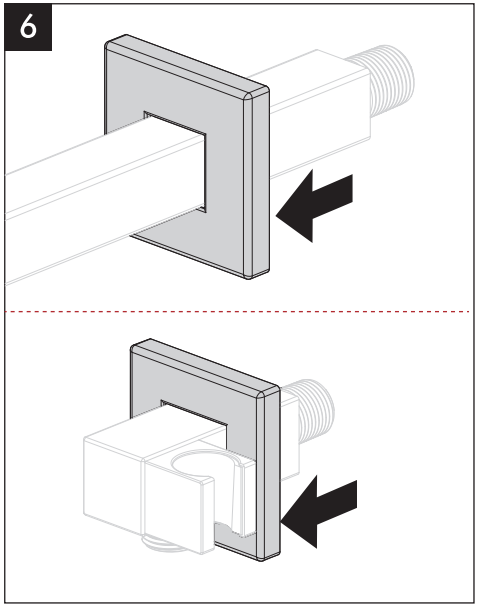


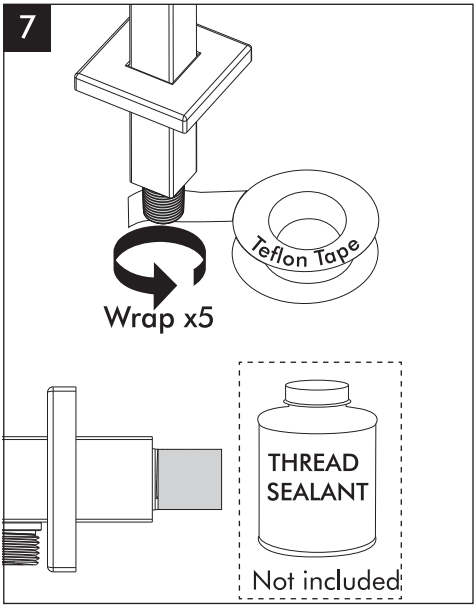


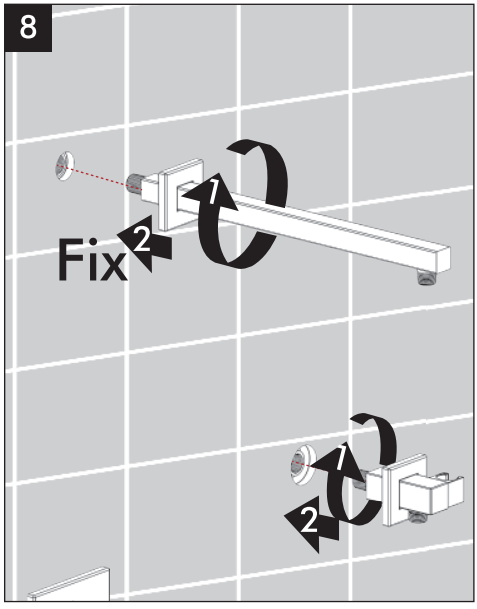


Rain Showerhead & Handshower & Tub Spout Installation



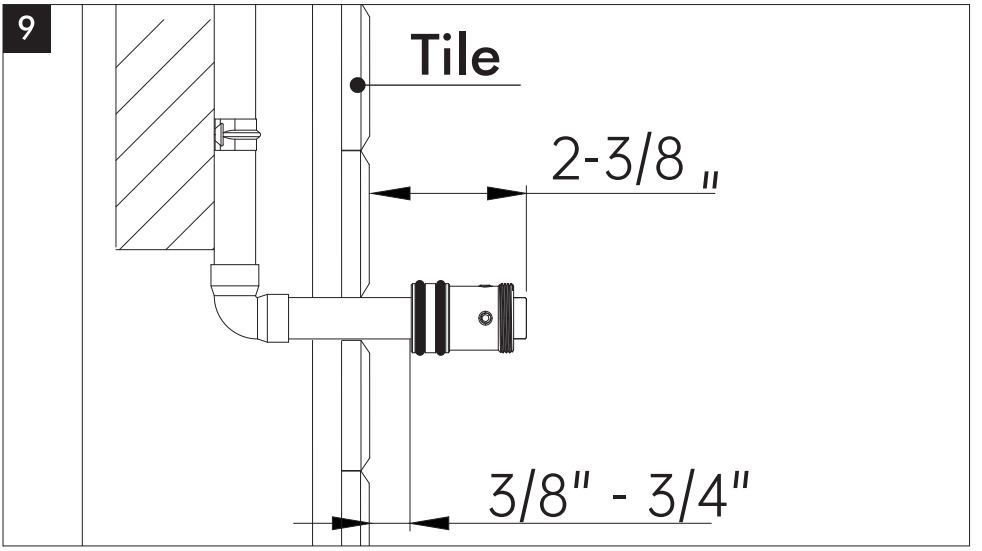


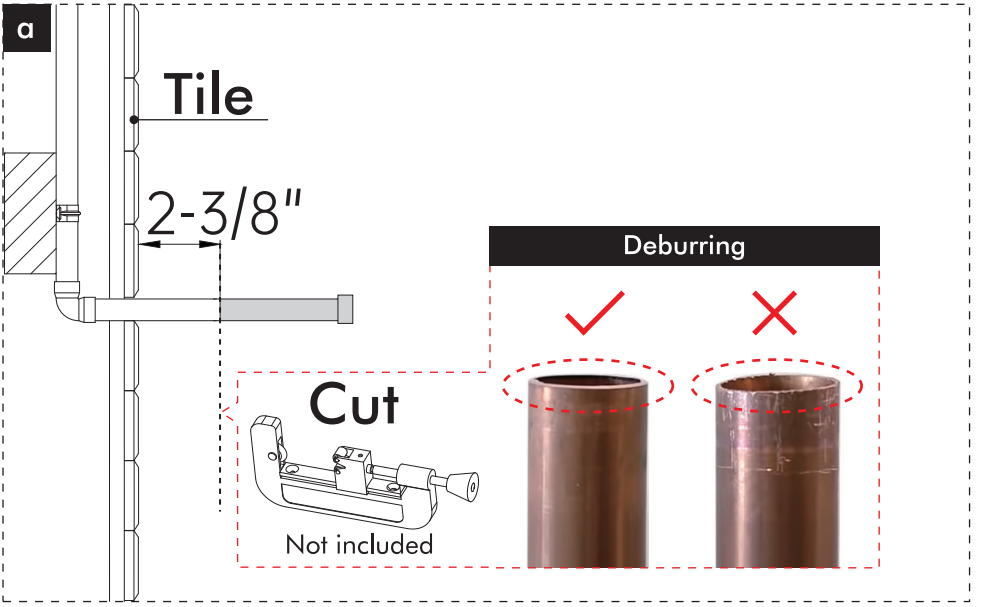




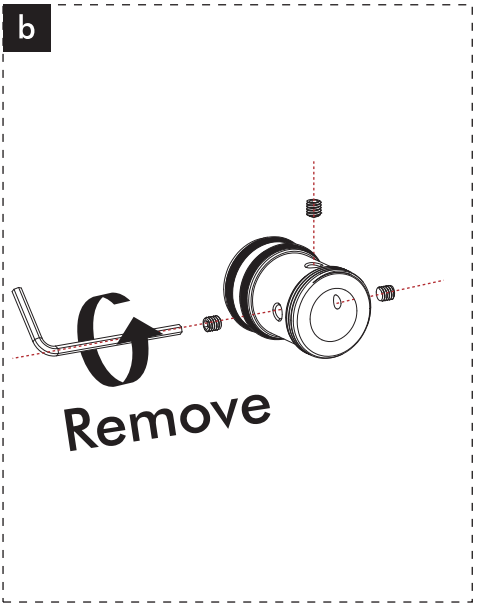
Rain Showerhead & Handshower & Tub Spout Installation

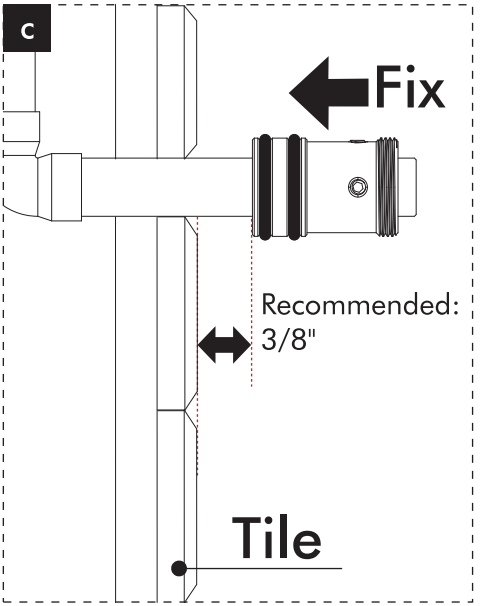
Tub Spout Installation for XB6305 and XB6315.

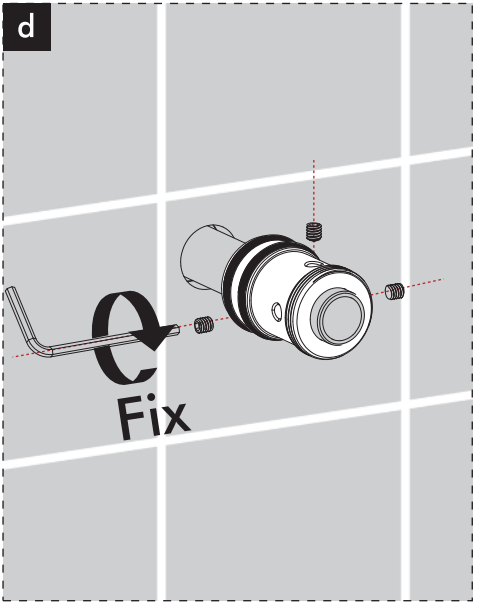


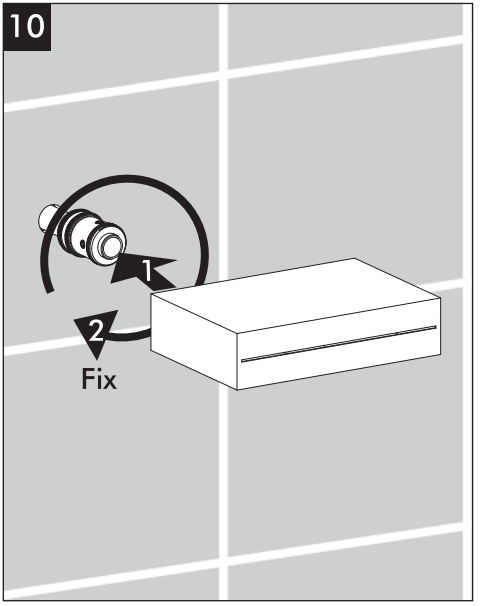


Rain Showerhead & Handshower & Tub Spout Installation

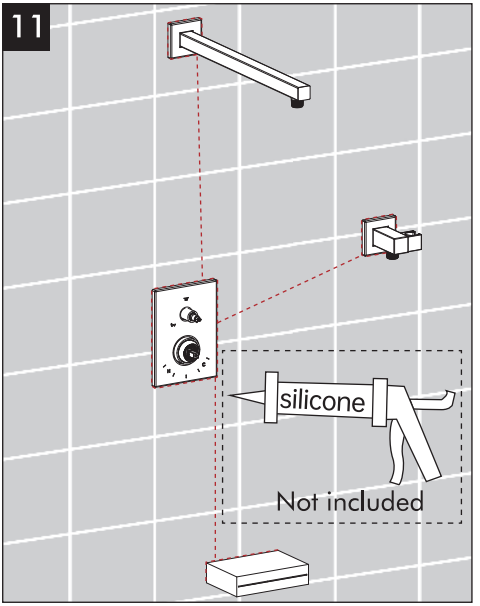


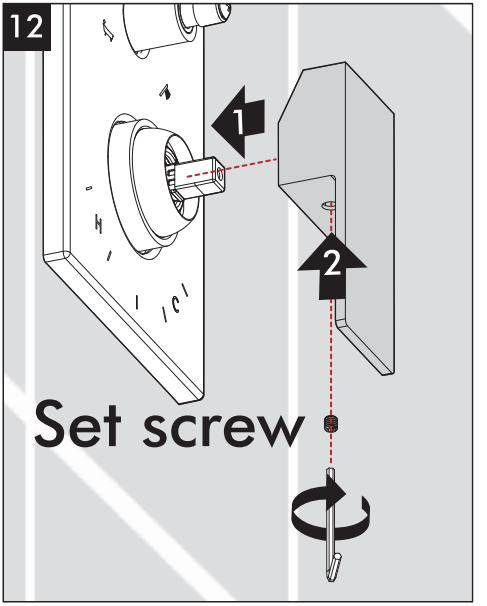


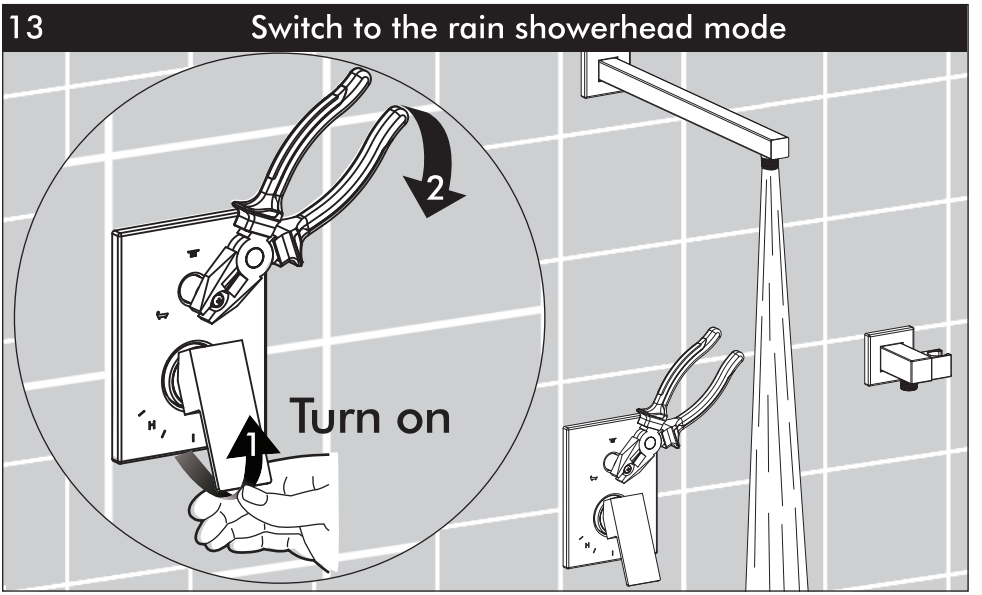




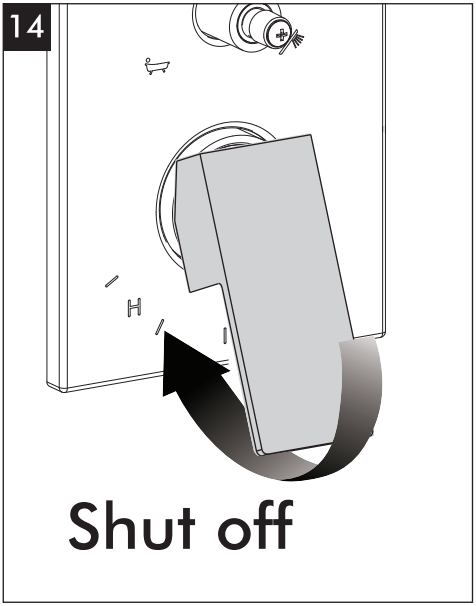
Rain Showerhead & Handshower & Tub Spout Installation

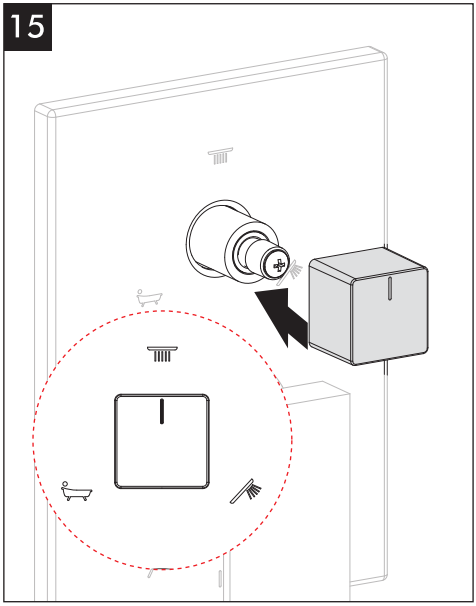


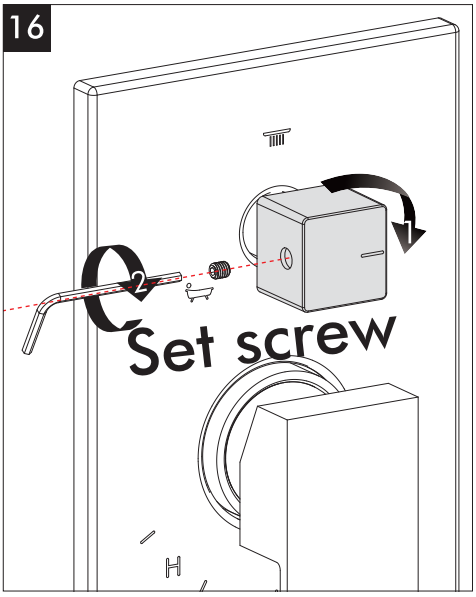


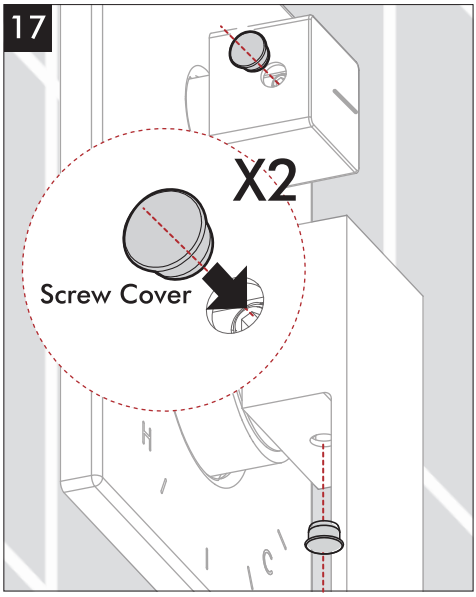


Rain Showerhead & Handshower & Tub Spout Installation



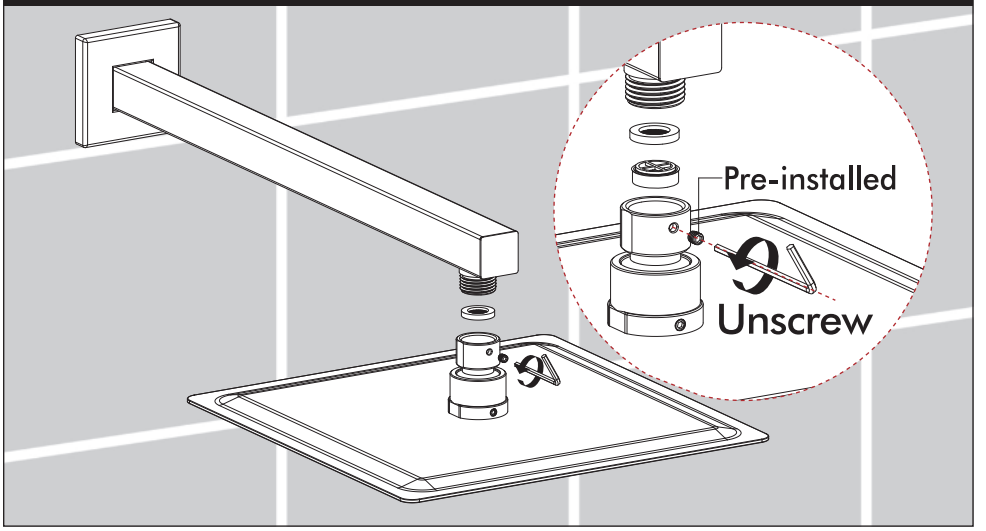




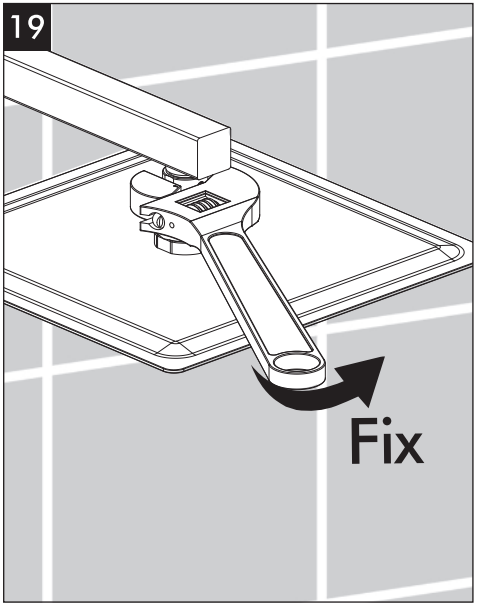


Rain Showerhead & Handshower & Tub Spout Installation

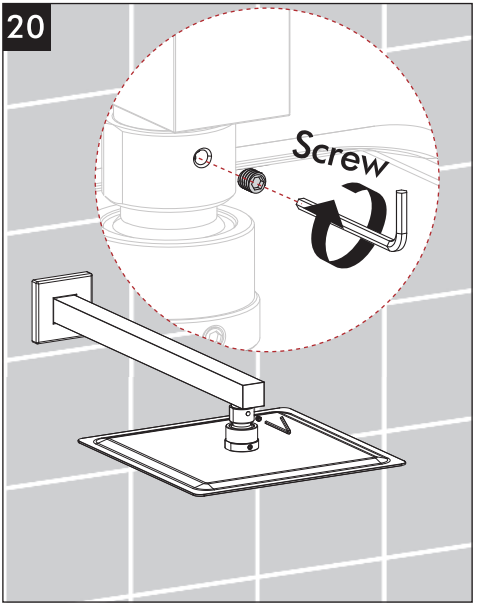
18 ⚠ Do NOT use without a flow restrictor installed, as it may cause product damage and injury.



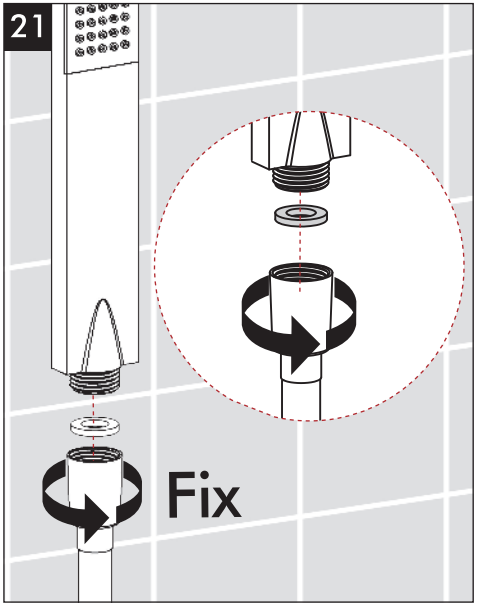
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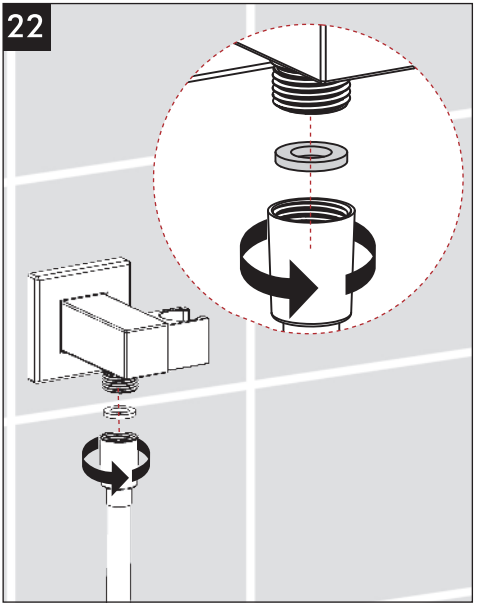


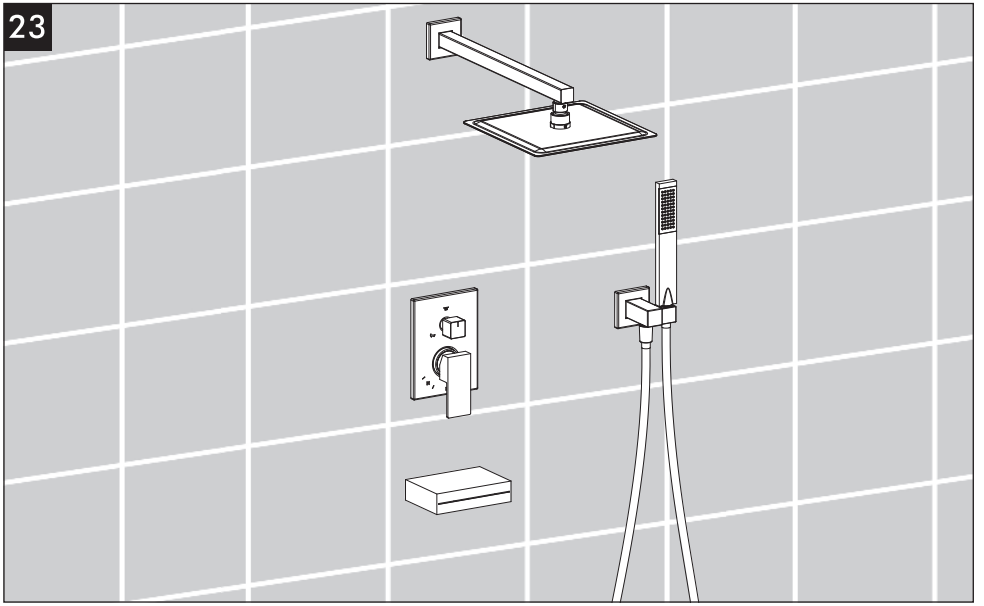
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Rain Showerhead & Handshower & Tub Spout Installation

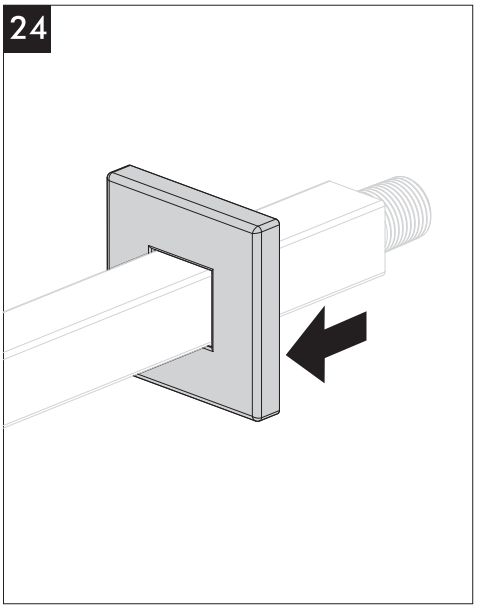


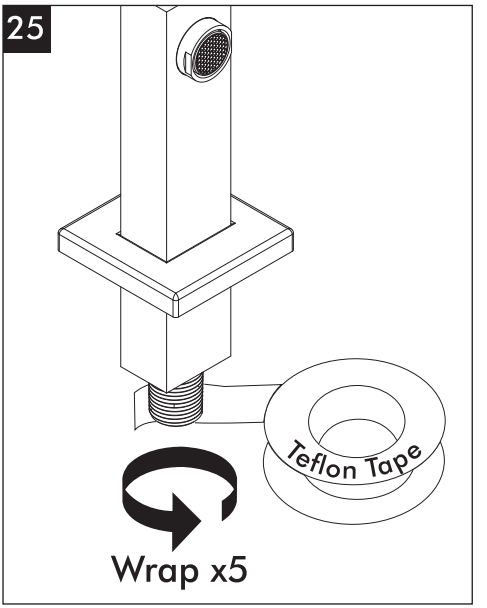


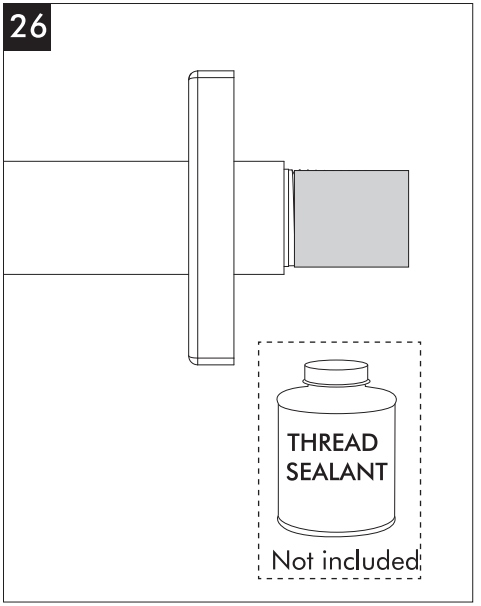


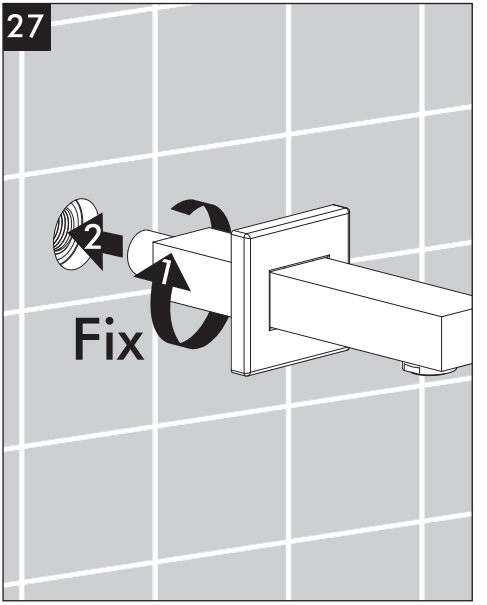
Rain Showerhead & Handshower & Tub Spout Installation

Tub Spout Installation for XB6300 and XB6320.



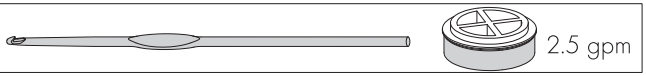






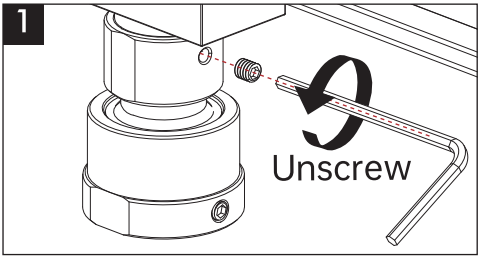
Low Pressure / Slow Flow?
Check and clean flow restrictor!

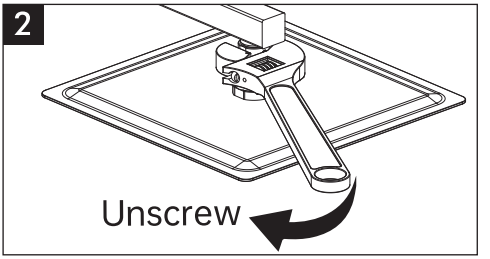
Included in Spare Kit

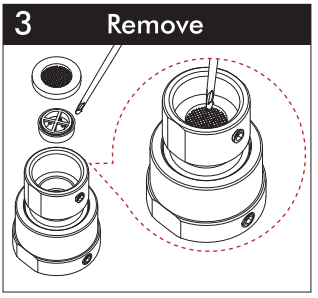


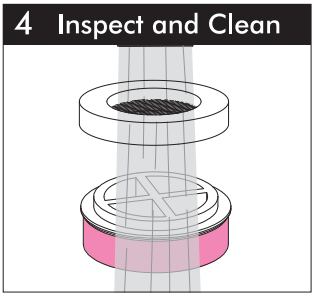
Rain Showerhead

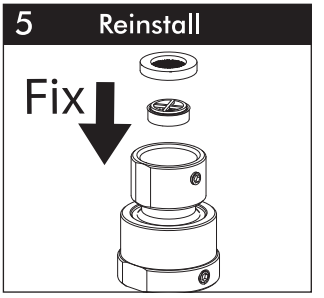
⚠ Do NOT use without a flow restrictor installed, as it may cause product damage and injury.



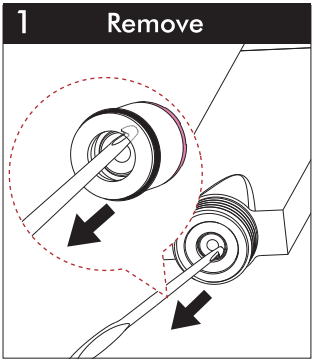


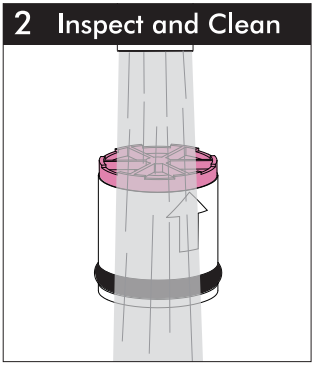


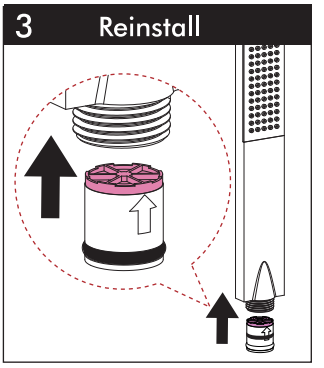




Handshower







Default restrictor is 1.75 gpm, compliant with California Energy Commission (CEC) regulations. Please check your local plumbing codes before removing it or replacing it with 2.5 gpm flow restrictor.

Water Not Hot Enough?





Make sure your hot water tempreture ≥ 120°F(48.9°C)

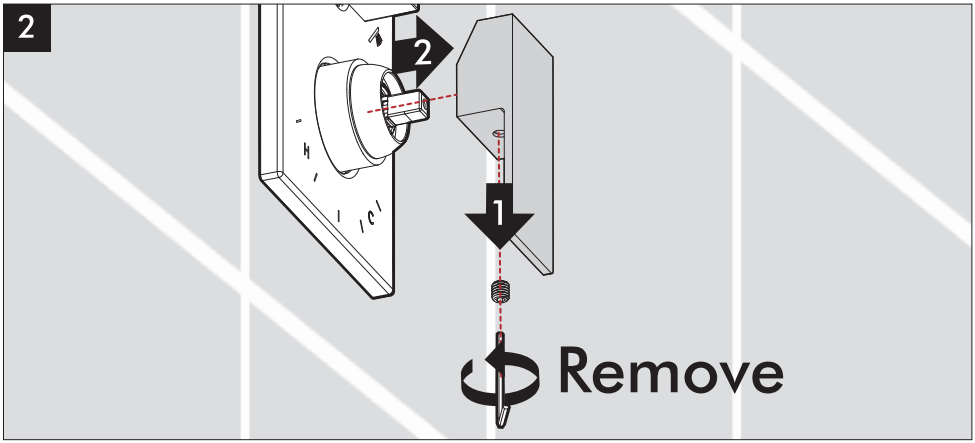
Recommend: 120 - 140°F (48.9 - 60°C)

1

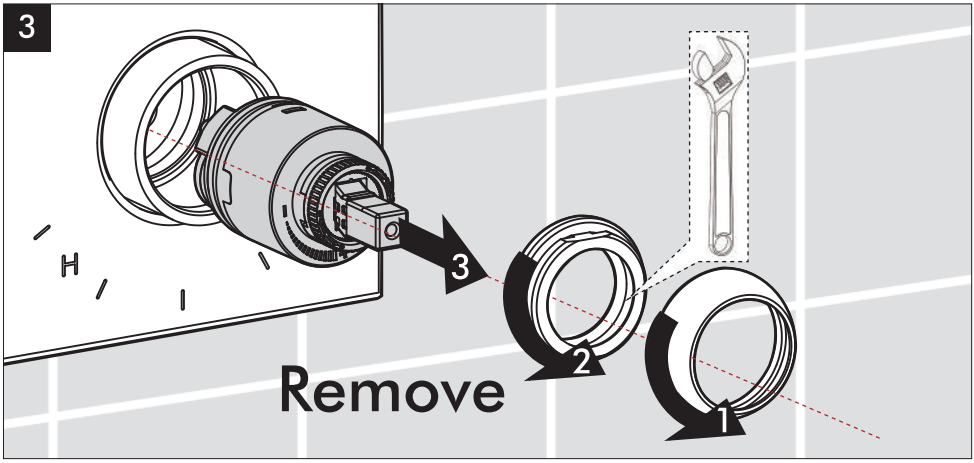
Still NOT hot enought?

Turn off both hot and cold water supplies.

2

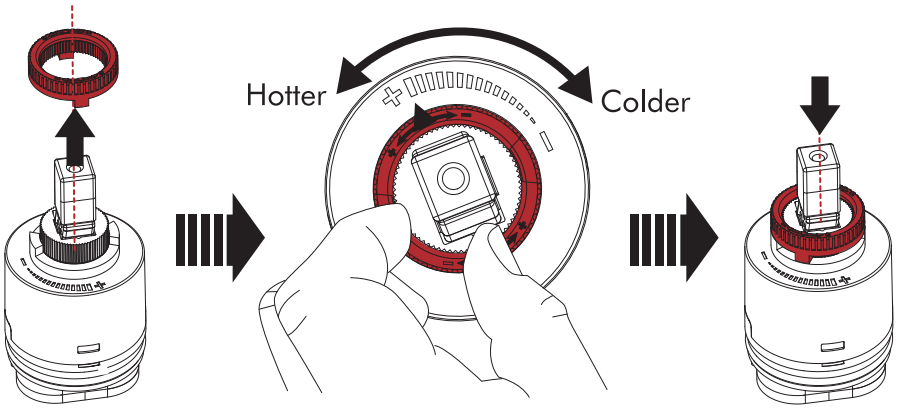


3



Water Not Hot Enough?

4



Warning: Temperature change per tooth (notch) could be 1.8 - 7.5°F (1 - 4°C) based on inlet water conditions. Repeat as necessary.

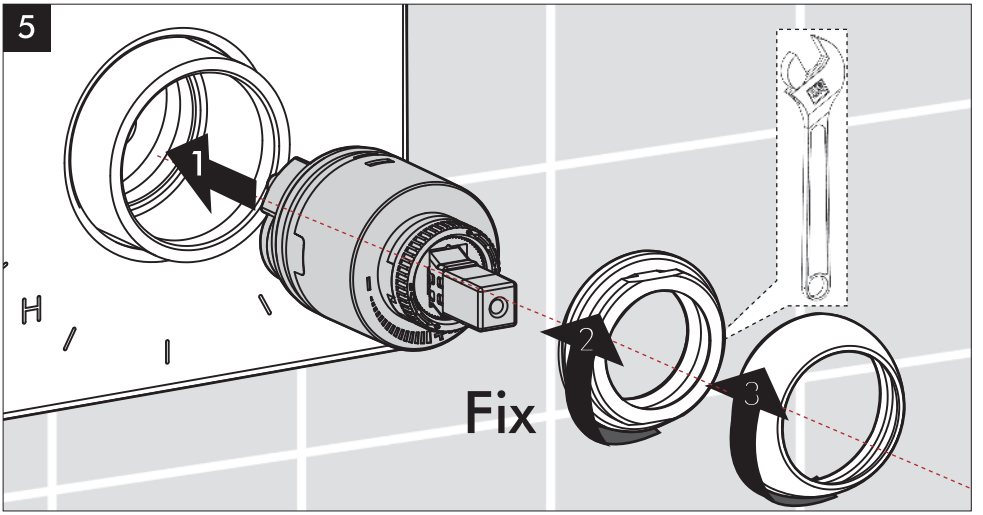
If the temperature limit stop has reached the limit, please contact us.

cs@keshome.com

chat now

Water Not Hot Enough?

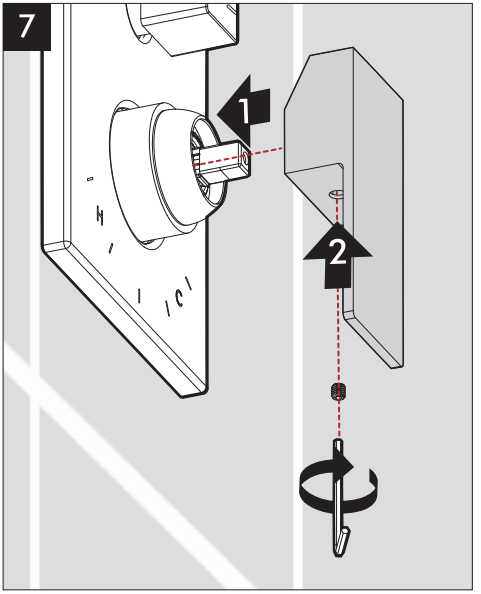
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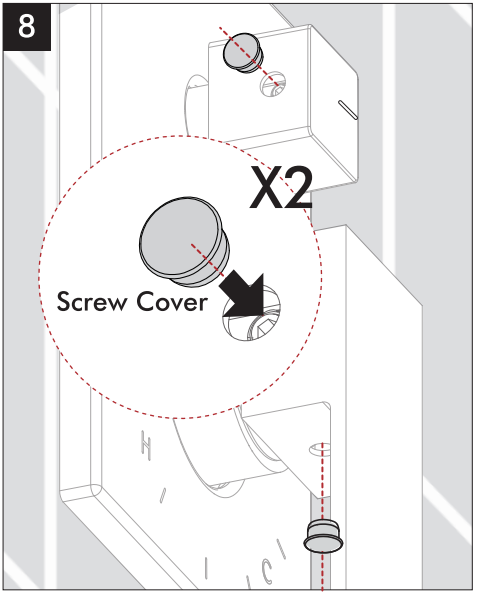
6

Turn on **BOTH** hot and cold water supplies.

7



8



Water Not Hot Enough?

Warning

Setting the Adjustable Temperature Limit Stop in The Last Position or beyond The Last Position (counterclockwise) could result in scald injury. It is vital to adjust the Adjustable Temperature Limit Stop to avoid scald injury to the user when the handle of the valve is rotated to the hot side. Please check your local plumbing codes for maximum water mix temperature (normally should not exceed 120°F). If inlet water temperature changes seasonally, you may need to readjust the Adjustable Temperature Limit Stop. Recommended water temperature for bath or shower is between 90 - 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 cartridge stem and rotate the handle clockwise 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 or the maximum temperature requirement of local plumbing codes (whichever is lower), the Rotational Limit Stop must be readjusted clockwise to decrease outlet water temperature.

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 CODES.

Caution

This system/device has to be set by the installer to ensure safe, maximum temperature. Any variation in the setting may raise the discharge temperature above the limit considered safe and may cause hot water burns.

Water Not Hot Enough?

Warning

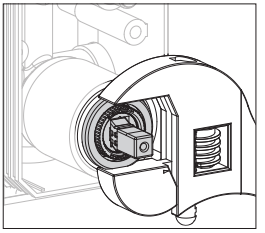
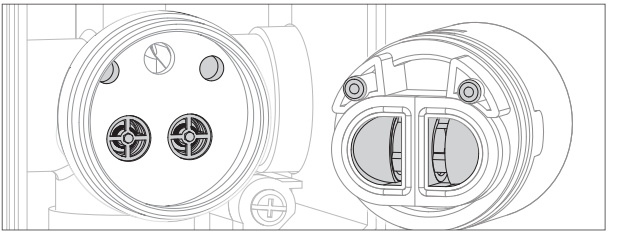
This pressure balance valve does not control temperature, only pressure fluctuations. The Limit Stop does not control temperature variations caused by inlet temperature variations.
Pressure balance valve will not provide protection from hot water burns when there is a failure of other temperature controlling devices elsewhere in the plumbing system. And if the Adjustable Temperature Limit Stop is not set properly, the hot water temperature is changed after the Adjustable Temperature Limit Stop is set, or if the water inlet temperature changes due to seasonal variations, it also may cause hot water burns.

Notice to the installer
Caution!

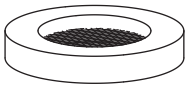
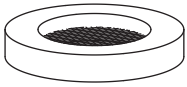
As the installer of this valve, it is your duty to INSTALL and ADJUST this valve properly according to the instructions given. This valve does not adjust automatically for inlet temperature changes, further adjustments maybe necessary due to seasonal water temperature change.

YOU MUST inform the owner/user of this requirement by following the instructions. After installation and adjustment, you must affix your name, company name and the date you adjusted the Adjustable Temperature Limit Stop to a label and apply or attach the label to the backside of the closet cabinet door and a warning label to the hot water heater. Leave this instruction sheet for the owner's/user's reference.

Troubleshooting

Fault	Cause	Remedy
Parts missing/damaged		Contact KES  Chat now! cs@keshome.com
Miss return window		
Need spare parts/customized parts		
Connection/thread problems		
Scratched surfaces		
Unable to install handle	Rough-in valve too deep	
Supply elbow/shower arm thread too short	Ear drop too deep	
Decorative flange too small	Tile opening too large	
Check valve damaged		Use spare Check valve
	Leakage	
From faucet cartridge	cartridge bonnet nut loose 	Tighten bonnet nut Scan for video guide
	Incorrect cartridge installation 	Align cartridge bottom with main body, then reinstall it

Troubleshooting

Leakage		
From faucet cartridge	Valve cartridge	Contact KES
From connectors	Wrong size or damaged plumbing fittings	Double check connectors or contact KES
	Insufficient Teflon tape/sealant	Wrap Teflon tape around connector 5 times and apply sealant
From rain showerhead	Rain showerhead damaged/cracked	Contact KES with photo/ video for replacement
	Ball joint adapter loosened	
	White rubber ring worn	
	Filter gasket missed	Use spare filter gasket 
From shower hose connector	Filter gasket missed	Use spare filter gasket 
Dripping after shut-off	Cartridge fouled with debris	Remove and clean the cartridge
	Cartridge damaged	Contact KES

Troubleshooting

No or Low Flow

No or low water flow	Low inlet water pressure	Check water pressure (If a pump has been installed, check to see if it is working)
	Nozzles clogged	Wipe clogged nozzles several times with fingers while the water is running
	Filter gasket in rain showerhead/handshower connector clogged	Remove and clean the filter gasket, then reinstall it
	Restrictors clogged	Check and clean flow restrictor See page 34 Scan for video guide
	Cartridge clogged	Remove and clean the cartridge
	Either hot or cold water supply is low, causing low mixed flow since pressure balance valve always keeps both supply sides at equal pressure	Make sure both hot and cold supplies are at full volume and especially, the heater provides enough flow

Troubleshooting

	Others	
Water not hot enough	Heater temperature set too low	Turn up the heater temperature
	Temperature limited stop restriction	Adjust the temperature limit stop See page 35 Scan for video guide
Pipe noise	Plumbing not properly secured	Contact a professional to check
	Cartridge/check valve damaged	Contact KES
Switch function fail	Diverter knob loose	Use included tool to tighten the hex screw
	Diverter cartridge damaged	Contact KES
Holder adjustment	Too tight to swing	1. Loosen the hex screw on the side 2. Loosen the screw inside the holder until it can move 3. Tighten hex screw on the side again
	Too loose to secure	Tighten the screw inside the holder first and then tighten hex screw on the side

Troubleshooting

Others		
Nozzles fall off/ Deformed		Use spare nozzles Scan for video guide
Limescale build-up	Hard water	Soak a towel with 5-6% vinegar, then cover the affected area Wait for 10 minutes, then clean it with water
Finish peeled off/faded Parts rusted	Wear and tear Limescale build-up Improper maintenance	DO NOT use corrosive cleaners Follow proper cleaning instructions Scan for video guide
Product certification /compliance	Complies with *ASME A112.18.1/CSA B125.1 standards of cUPC certified by IAPMO *California Energy Commission (CEC) regulations	Certificates Hyperlink: cUPC: https://plm.iapmo.org/pld#/certificate/10664/2509 CEC: https://cacertappliances.energy.ca.gov/Pages/ApplianceSearch.aspx

If your problem still exists or is not covered above, contact KES

cs@keshome.com
chat now!

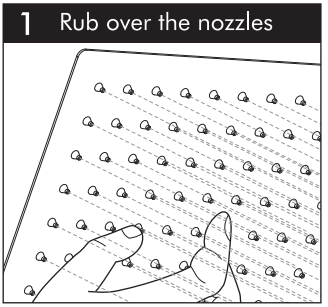
Care Instructions

To keep the product looking new, please follow these simple care instructions:

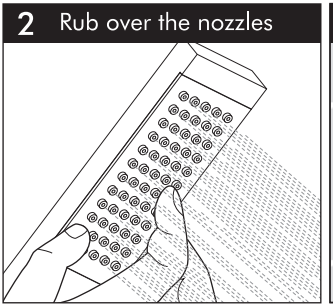
DO:

● Daily Maintenance

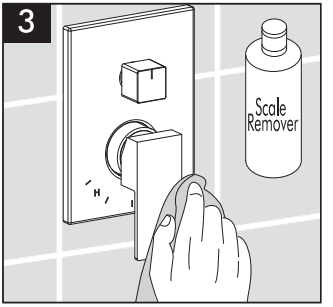
Rain Showerhead



Handshower

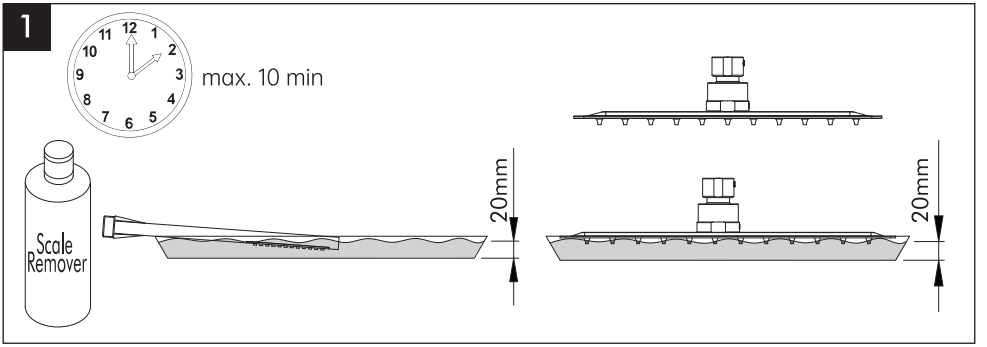


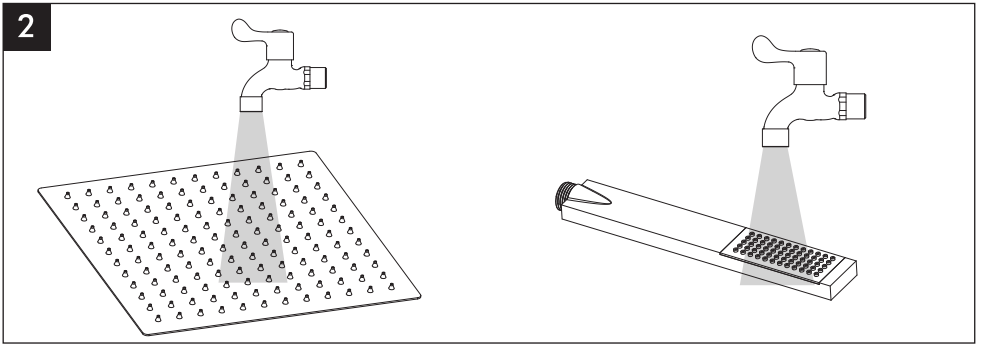
Finish



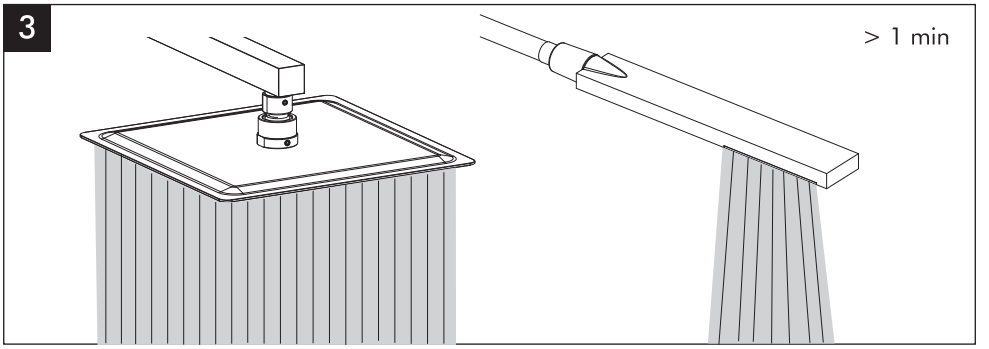
●Descaling Treatment

To effectively remove limescale buildup caused by hard water, follow these steps:





Care Instructions



For best results, perform this descaling treatment every one to three months. Regular maintenance will help keep the product looking its best for years.

Note:

Test scale remover in an inconspicuous area of the product finish before using it widely to check for compatibility.

DO NOT:

- Do not use cleaning products with acidic, caustic, bleach, or mildly alkaline properties and those labeled as rust removers.
- Do not use cleaning materials or appliances with an abrasive effect, such as unsuitable cleaning powders, sponge pads or microfiber cloths.

Failure to follow these care instructions may damage the product finish.

KES Limited Warranty

Warranty Coverage

Heshan KES Sanitary Ware Limited (No. 6 Taihe Road, Dongxi Development Zone B, Zhishan Town, Heshan City, Guangdong, China) warrants KES-branded products bought new from KES or a KES authorized seller.

No product need be returned to China: for a covered claim KES gives the return address and arranges or reimburses return shipping.

This version applies to products purchased on or after the effective date. For products purchased before that date, KES honours the terms supplied with the product, or these terms, whichever is more favourable to the consumer.

Faucets & Complete Shower Systems Warranty

A complete shower system is a KES-supplied set that includes a valve or mixer; shower components sold on their own fall under all other products (1 year).

Leak or drip from the faucet body, valve body, or cartridge: lifetime for the original residential consumer purchaser, while they own the home where it was first installed; 3 years for all others.
Leak or drip from any other part: 3 years.
Finish and any other non-leak defect: 1 year.
Water hammer caused by a defect in the product: 3 years.

All periods run from the original date of purchase; the longer provision governs.

What KES Will Do

What KES will do — free of charge, at our option: supply the parts needed, repair, or replace the defective part or product; if neither is commercially practical, refund the price against return.

A replacement runs only for the remainder of the original period.

KES pays shipping for replacement parts, but not labour, installation, removal, reinstallation, or access costs.

What Is Not Covered

What is not covered — normal wear and tear; improper installation, maintenance, or use; outdoor use, freezing, or water pressure or quality outside the stated range; abuse, accident, or unauthorised modification or repair; cleaners with abrasives, ammonia, bleach, acids, waxes, alcohol, or other organic solvents; consumables and wear parts beyond the periods above; purchases second-hand or outside KES authorized channels; products with model or serial identification removed.

Returns are not warranty claims — separate KES 30-day return policy at keshome.com.

How to Make a Claim

How to make a claim — contact KES with the model number, dated proof of purchase, a description of the problem and, if possible, a photo.

Email: cs@keshome.com
Phone: 1-888-667-4833
Warranty: https://keshome.com/warranty

Contact us Warranty Terms

Policy ID KES-WTY-GLOBAL · Version 2.3 · Effective 1 September 2026

Statutory Rights

A voluntary manufacturer's guarantee, in addition to — not replacing, restricting, or reducing — your mandatory rights under local law.
US: a Limited Warranty under the Magnuson-Moss Warranty Act; this warranty gives you specific legal rights, and you may also have other rights which vary from state to state.
Canada: federal, provincial, and territorial rights.
EU: statutory rights against the seller, including a remedy for non-conformity for at least two years from delivery.
UK: Consumer Rights Act 2015 rights against the retailer.

Metal First. No Plastic Shortcuts.

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