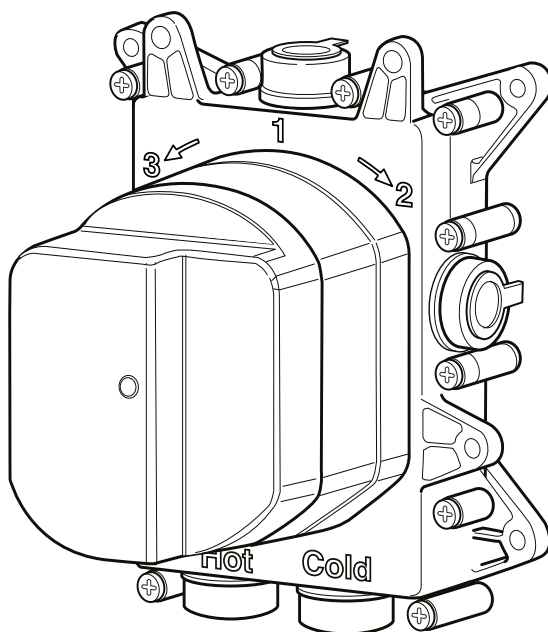
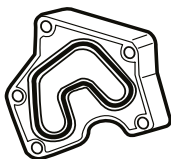
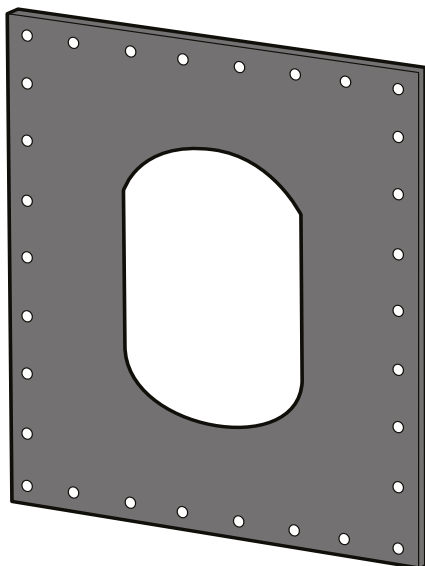
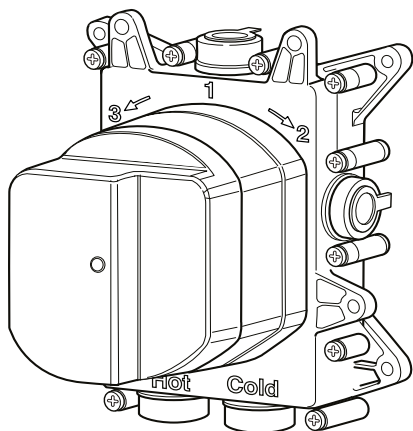




## CROSSBOX

### *Mounting Instructions*



**Mounting instructions**



*Pressure range min/max 0,5/5 bar*

*(in case of water pressure higher than 5 bar we recommend installing pressure reducers).*

*Recommended pressure 3 bar.*

*Operation:*

*Either with gas or electric accumulation boilers.*

*Centralised systems.*

***The product should only be installed by a suitably qualified plumber/installer.***

---

|                        |       |
|------------------------|-------|
| <i>Safety lock at:</i> | 41° C |
|------------------------|-------|

|                                  |      |
|----------------------------------|------|
| <i>Min. Working temperature:</i> | 3° C |
|----------------------------------|------|

|                          |       |
|--------------------------|-------|
| <i>Min. recommended:</i> | 15° C |
|--------------------------|-------|

|                                  |       |
|----------------------------------|-------|
| <i>Max. Working temperature:</i> | 70° C |
|----------------------------------|-------|

|                          |       |
|--------------------------|-------|
| <i>Max. recommended:</i> | 65° C |
|--------------------------|-------|

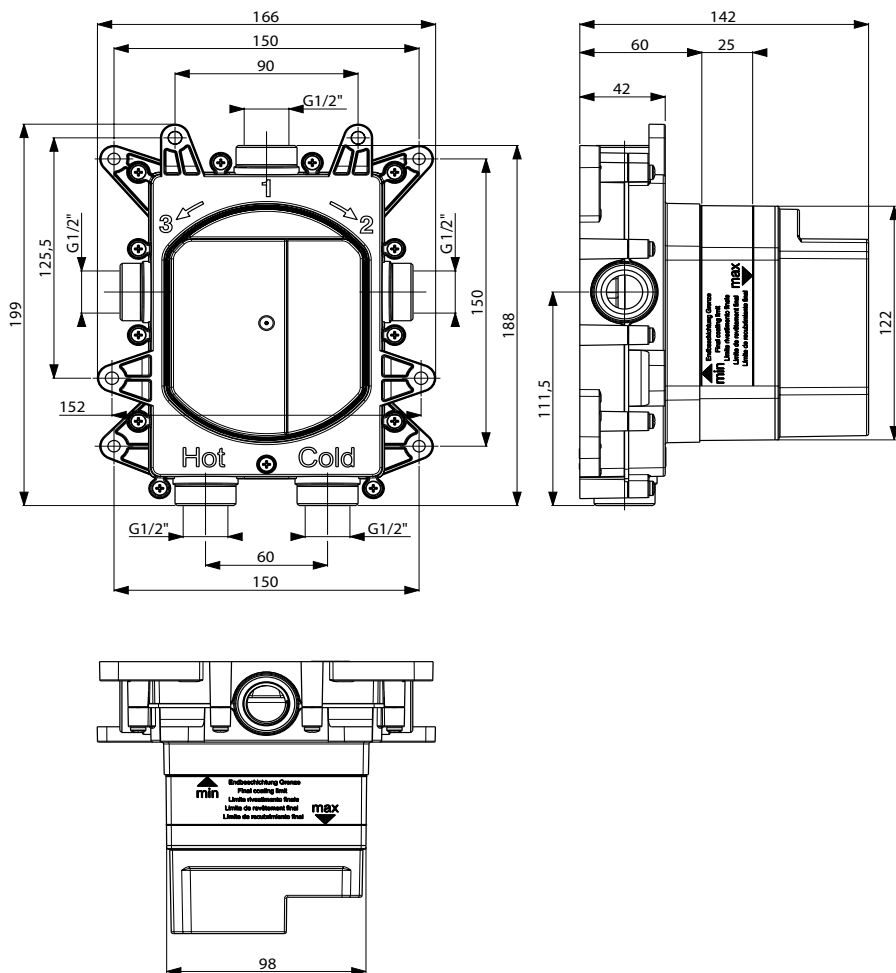
|                                         |       |
|-----------------------------------------|-------|
| <i>Recommended thermal differential</i> | 50° C |
|-----------------------------------------|-------|

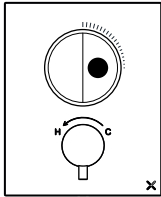
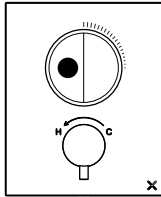
*Thermal disinfection is allowed.*

Safety system with flow stop in case of lack of one of the two waters.

---

***Warning: contact the plumber for the choice of the best water heating device.***

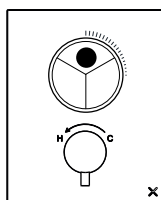


| Press. | FLOW RATE ( L/min )                                                               |      |                                                                                   |      |      |
|--------|-----------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------|------|------|
|        | Push button 2 ways                                                                |      |                                                                                   |      |      |
|        |  |      |  |      |      |
|        | Exit 1                                                                            |      | Exit 2                                                                            |      |      |
|        | min.                                                                              | max. | min.                                                                              | max. |      |
|        | 0,5                                                                               | 1,5  | 7,5                                                                               | 1,5  | 7,5  |
|        | 1                                                                                 | 2,3  | 11,3                                                                              | 2,3  | 11,2 |
|        | 2                                                                                 | 3,5  | 16,5                                                                              | 3,5  | 16   |
|        | 3                                                                                 | 4,5  | 20,5                                                                              | 4,5  | 20   |
|        | 4                                                                                 | 5,5  | 23,7                                                                              | 5,2  | 22,8 |
|        | 5                                                                                 | 5,7  | 26,5                                                                              | 5,7  | 25,5 |

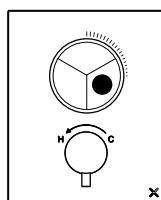
Press.

FLOW RATE ( L/min )

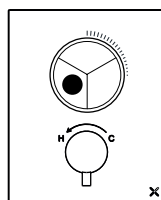
Push button 3 ways



Exit 1



Exit 2



Exit 3

bar

min. max.

1,8 8,1

min. max.

1,8 7,7

min. max.

1,8 7,7

1

2,7 11,8

2,6 11,5

2,6 11,5

2

3,9 16,8

3,9 16,7

3,9 16,7

3

4,8 20,7

4,8 20,5

4,8 20,5

4

5,5 24

5,5 23,7

5,5 23,7

5

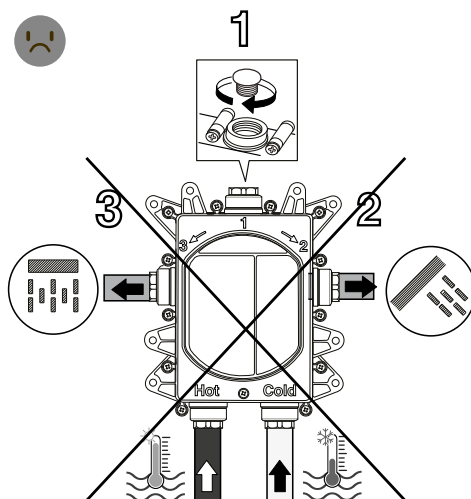
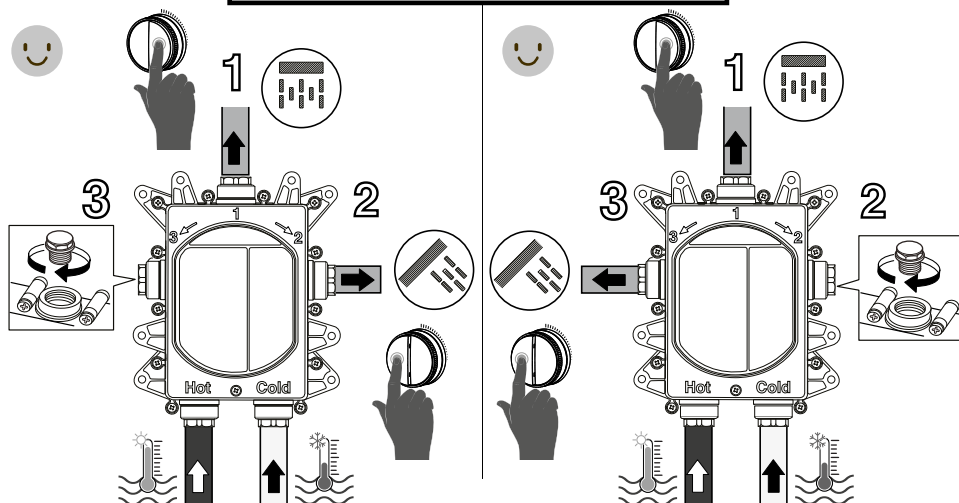
6,2 26,7

6,2 26,6

6,2 26,6

**2 WAYS - ONLY PUSH VERSION**

**ATTENTION:**  
indications valid only  
for PUSH VERSION!



**3 WAYS - ONLY PUSH VERSION**

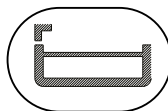
**ATTENTION:**  
indications valid only  
for PUSH VERSION!



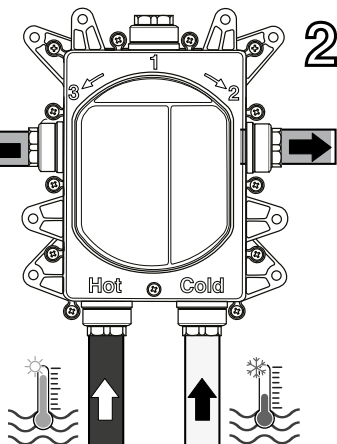
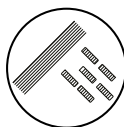
1

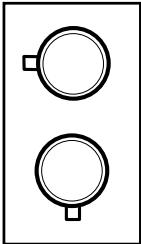
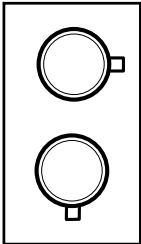
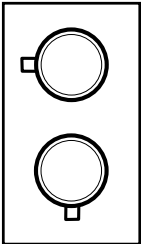
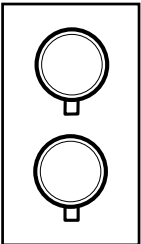


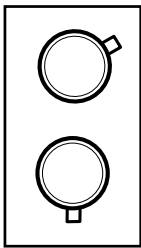
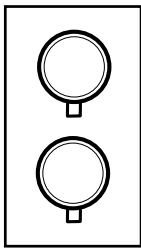
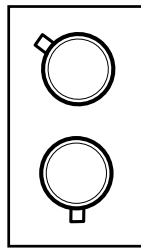
3



2

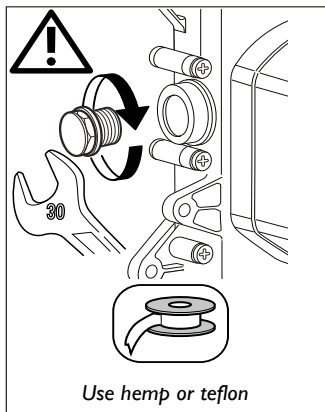


| Press. |                                                                                   | FLOW RATE ( L/min ) |                                                                                   |                                                                                   |                                                                                    |
|--------|-----------------------------------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| bar    | Term. 1 way                                                                       |                     | Term. 2 way                                                                       |                                                                                   |                                                                                    |
|        |  |                     |  |  |  |
|        | Exit 1/2/3                                                                        |                     | Exit 2                                                                            | Exit 3                                                                            | Mix                                                                                |
|        | 8,2                                                                               |                     | 8,2                                                                               | 8,2                                                                               | 9,2                                                                                |
|        | 11,7                                                                              |                     | 11,7                                                                              | 11,7                                                                              | 13,2                                                                               |
|        | 16,7                                                                              |                     | 16,4                                                                              | 16,4                                                                              | 18,7                                                                               |
|        | 20,7                                                                              |                     | 20                                                                                | 20                                                                                | 22,9                                                                               |
|        | 24                                                                                |                     | 23                                                                                | 23                                                                                | 26,4                                                                               |
|        | 26,6                                                                              |                     | 25,8                                                                              | 25,8                                                                              | 29,5                                                                               |

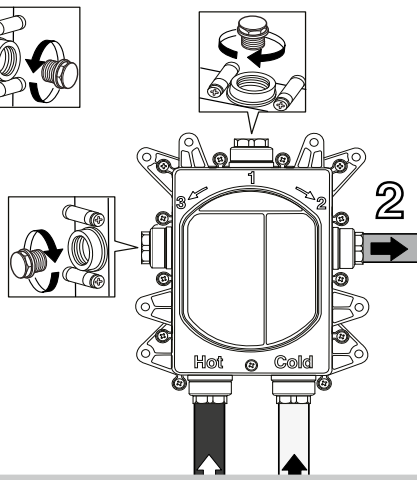
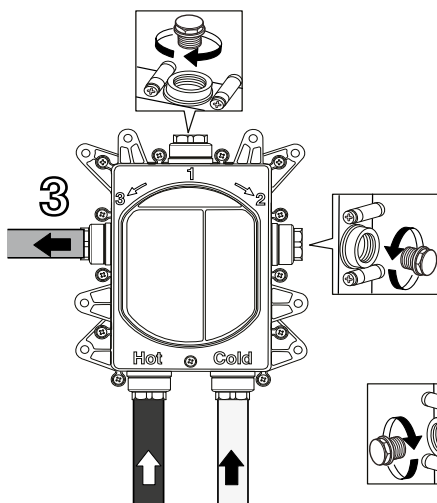
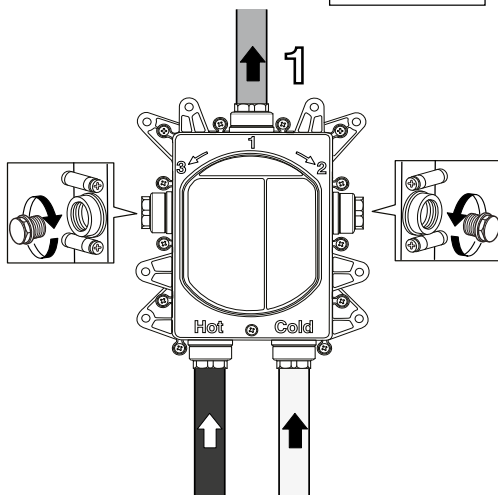
| Press. | FLOW RATE ( L/min )                                                                         |                                                                                             |                                                                                             |
|--------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| bar    | Term. 3 ways                                                                                |                                                                                             |                                                                                             |
|        | <br>Exit 1 | <br>Exit 2 | <br>Exit 3 |
|        | 9,4                                                                                         | 8,1                                                                                         | 8,1                                                                                         |
|        | 13,4                                                                                        | 11,6                                                                                        | 11,6                                                                                        |
|        | 19,2                                                                                        | 16,6                                                                                        | 16,6                                                                                        |
|        | 23,7                                                                                        | 20,5                                                                                        | 20,5                                                                                        |
|        | 27,4                                                                                        | 23,8                                                                                        | 23,8                                                                                        |
|        | 30,5                                                                                        | 26,6                                                                                        | 26,6                                                                                        |



**ATTENTION:**  
indications valid only  
for **OTHER VERSIONS!**

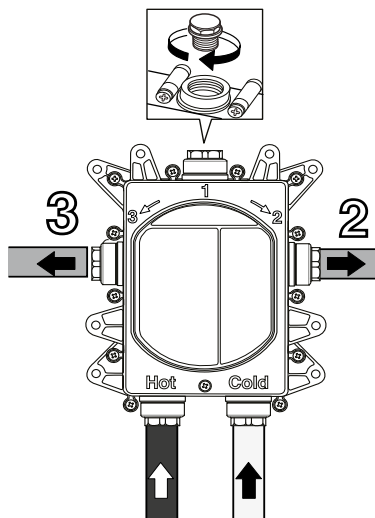
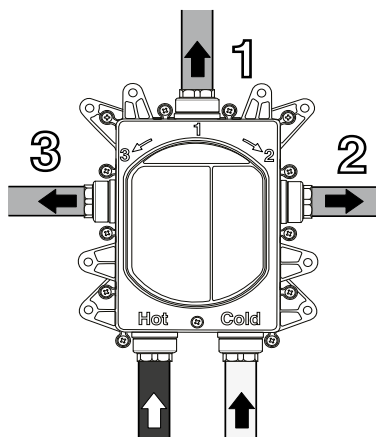


**1 way**



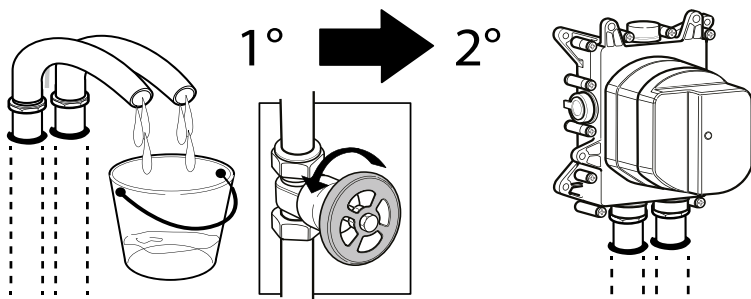
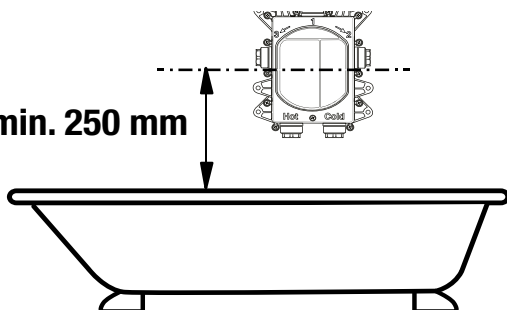


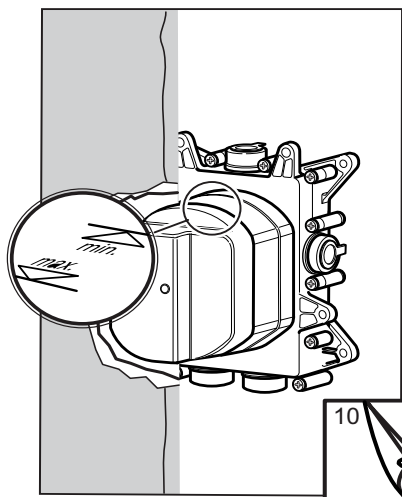
**ATTENTION:**  
indications valid only  
for **OTHER VERSIONS!**

**2 ways****3 ways**

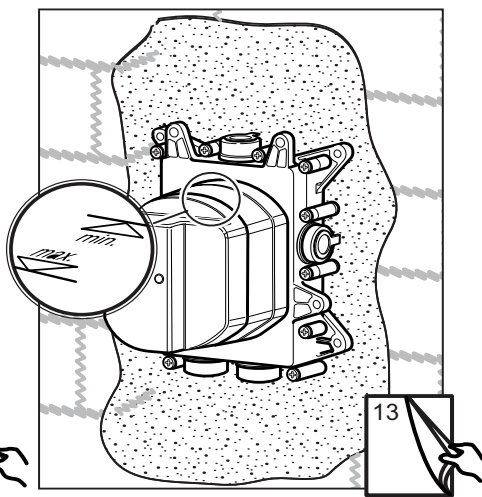


min. 250 mm

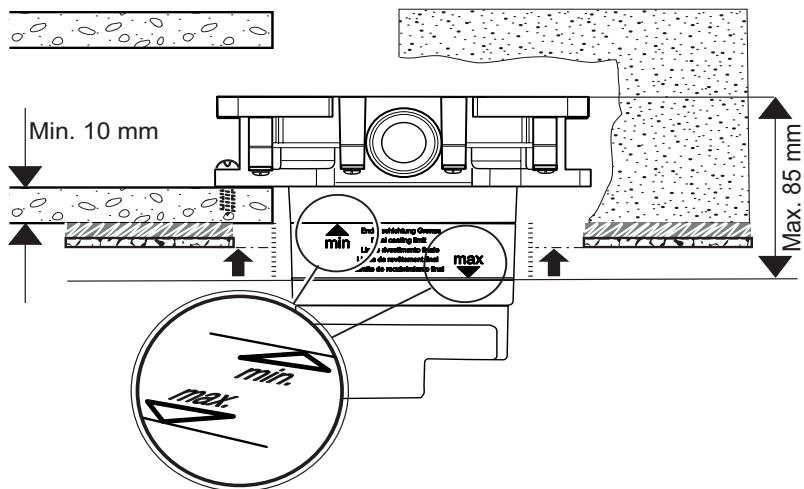


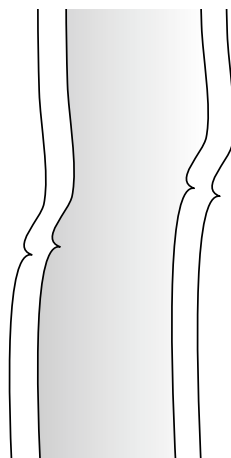
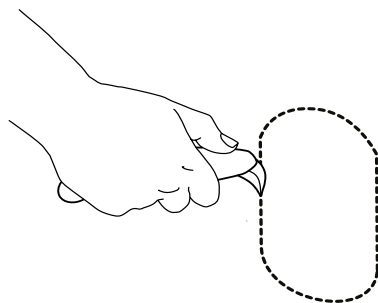
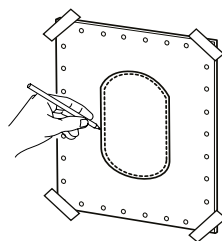
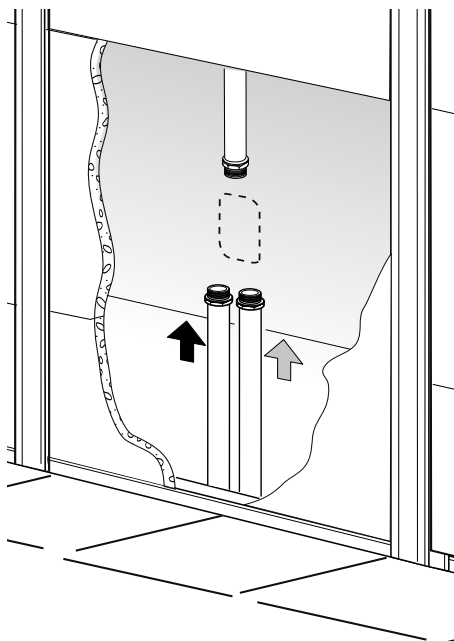


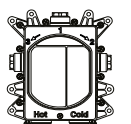
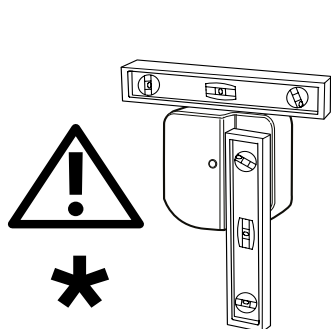
Mounting on plasterboard wall



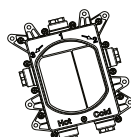
Wall mounting



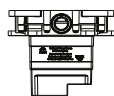




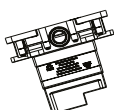
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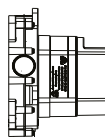
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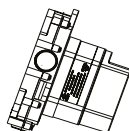
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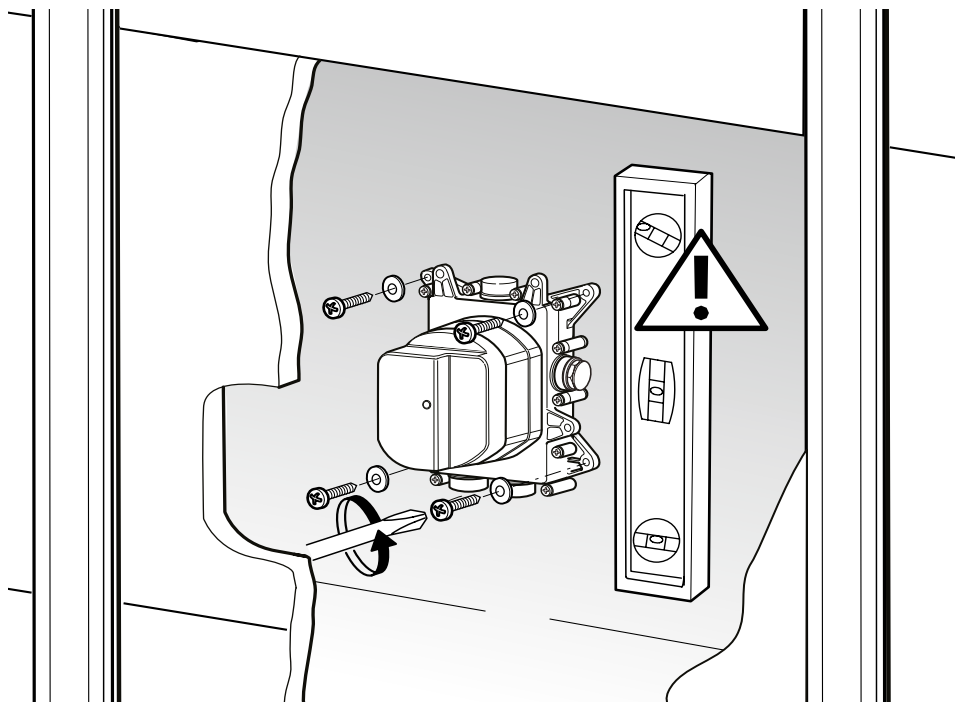
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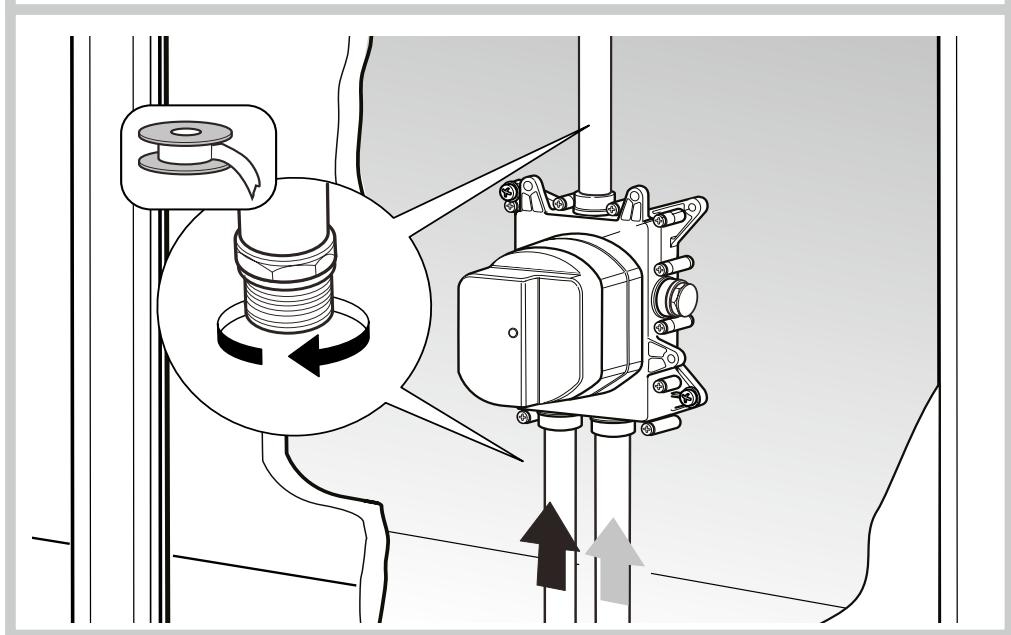
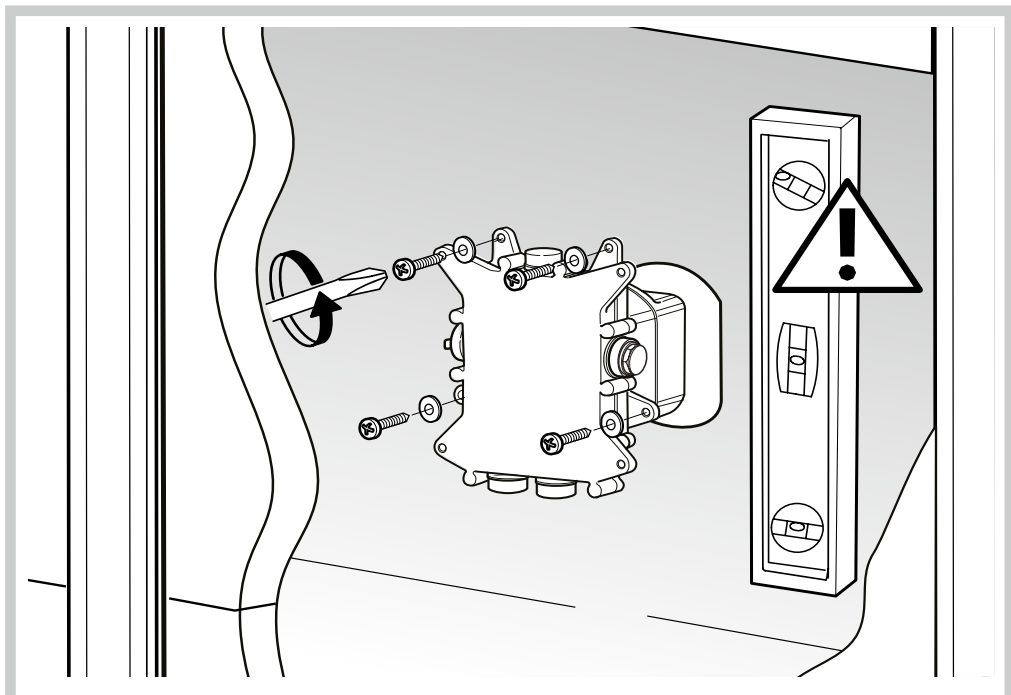


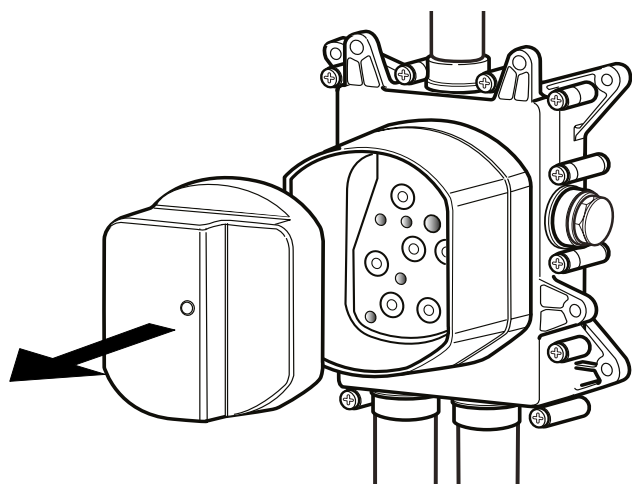
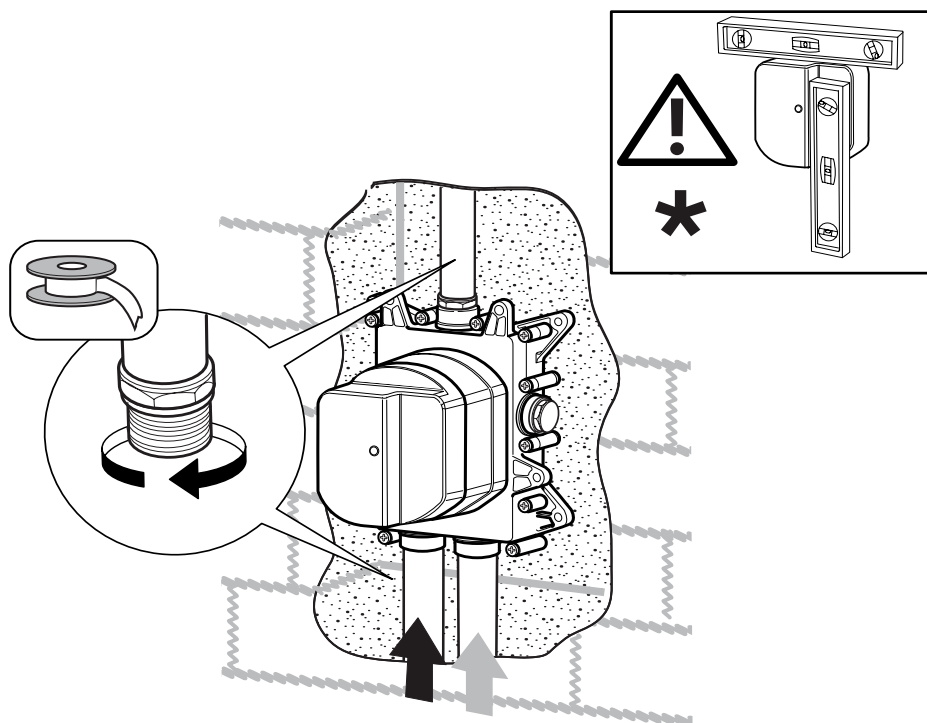
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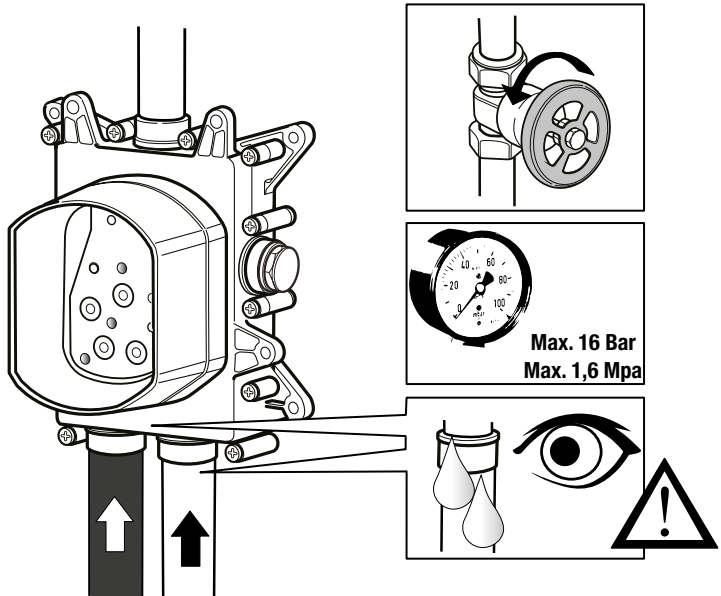
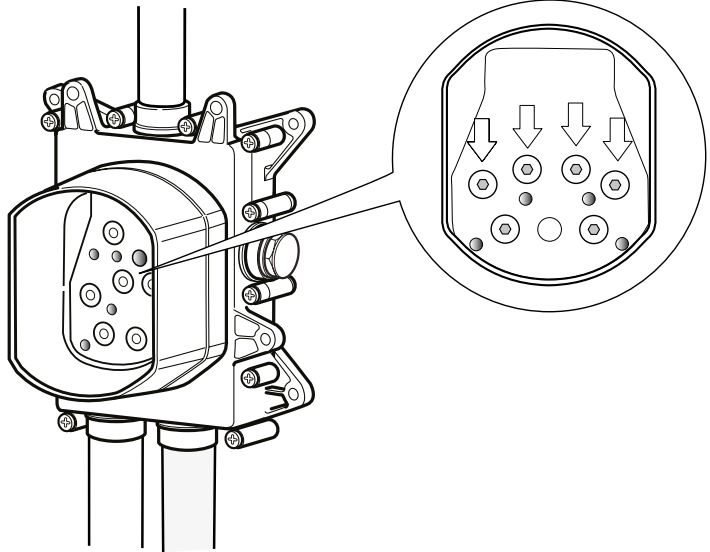


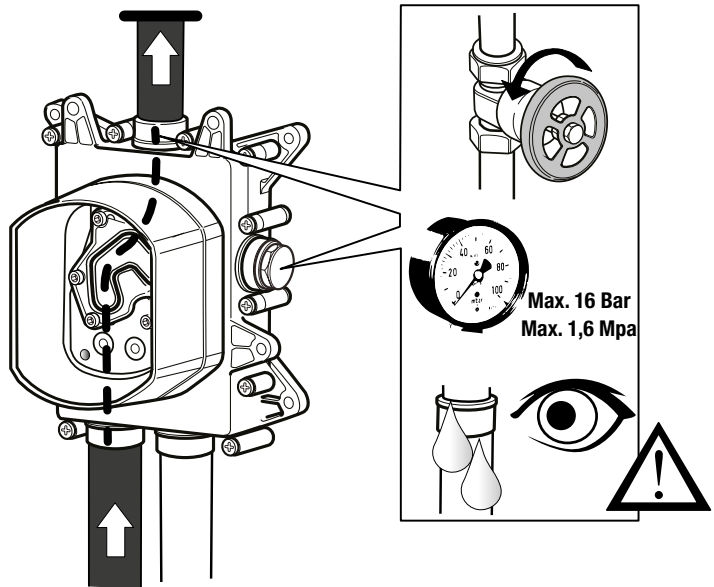
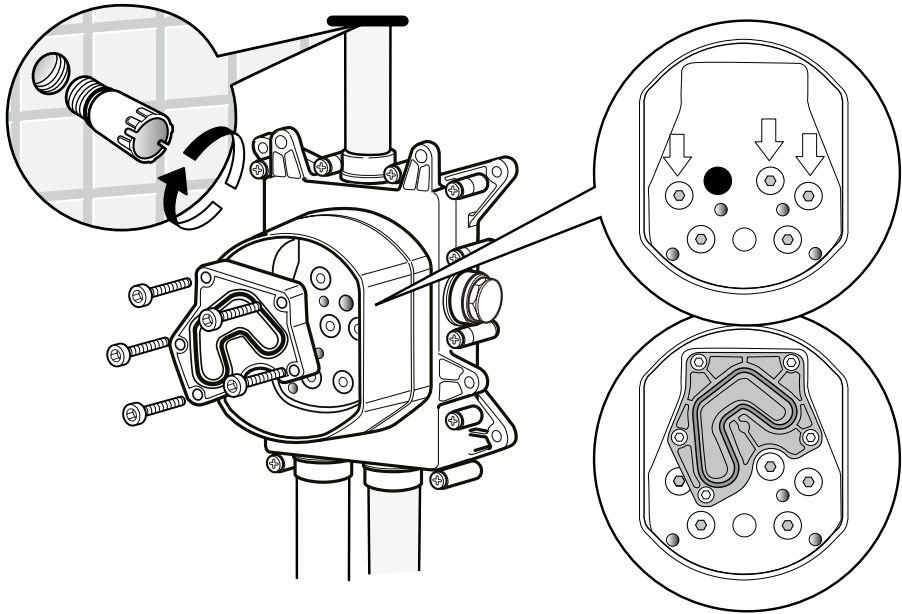
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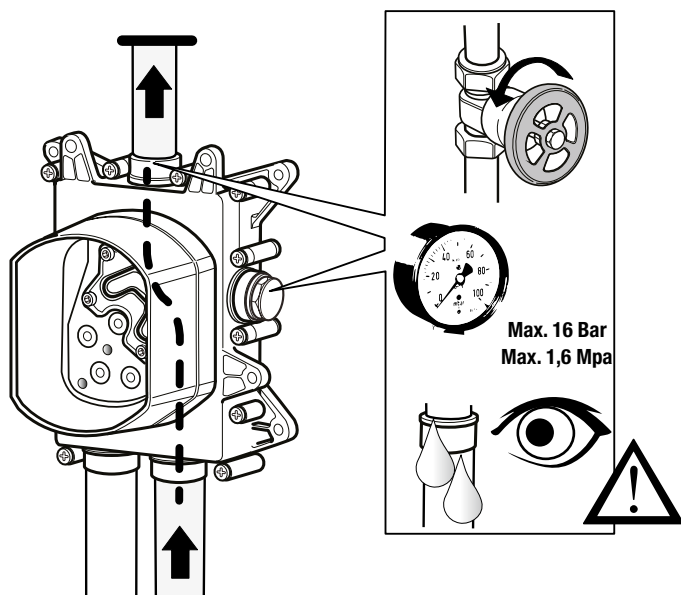
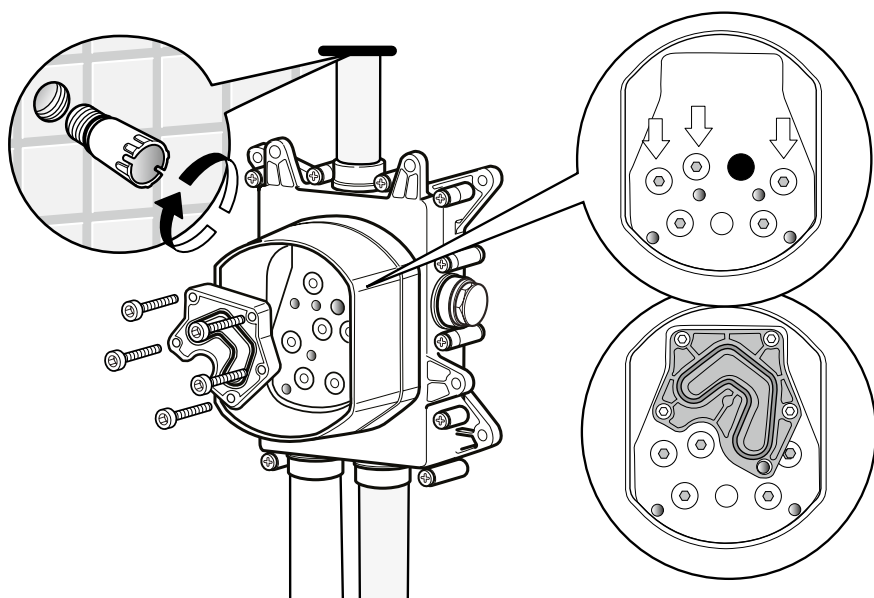


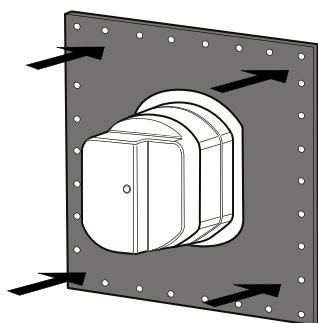
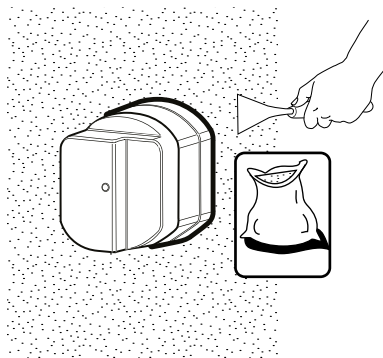
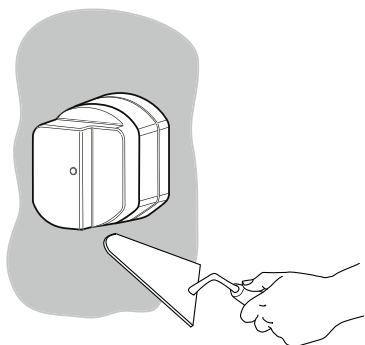






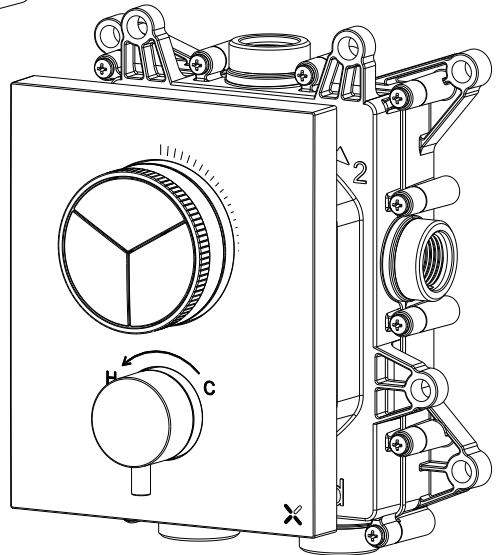
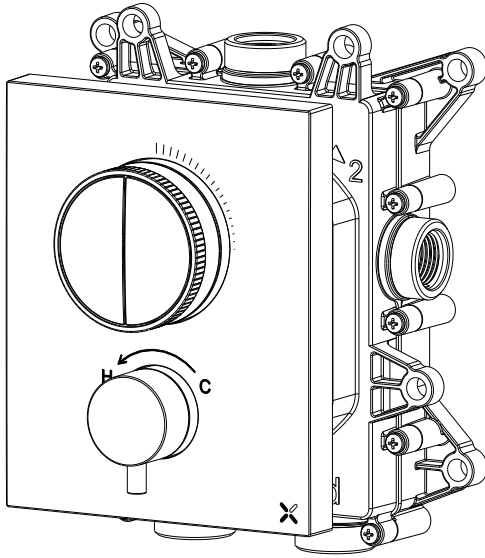






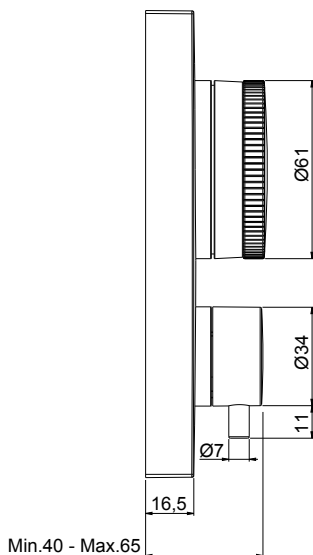
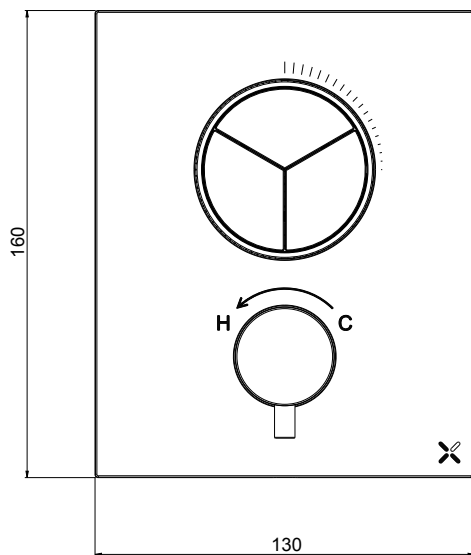
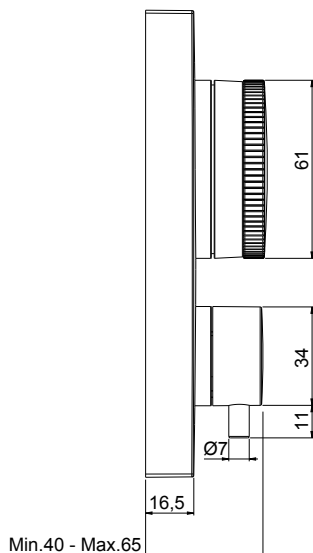
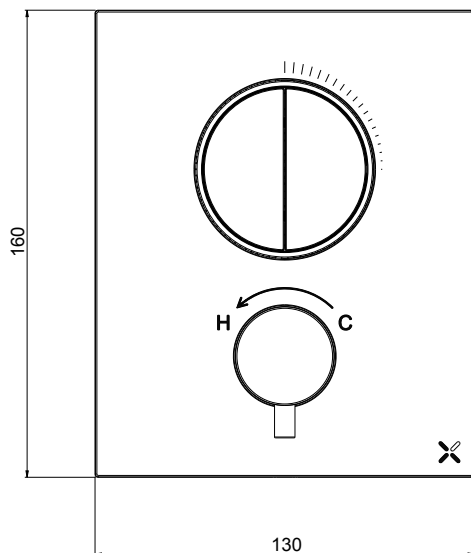






## Completion Concealed Box

### Mounting Instructions



Pressure range min/max 0,5/5 bar  
(in case of water pressure higher than 5 bar we recommend installing pressure reducers).

Recommended pressure 3 bar.

Operation:

Either with gas or electric accumulation boilers.

Centralized systems.

**The product should only be installed by a suitably qualified plumber/installer.**

---

Safety lock at: 41°

Min. Working temperature: 3°C

Min. recommended: 15°C

Max. Working temperature: 70°C

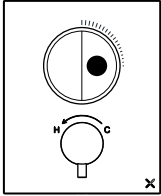
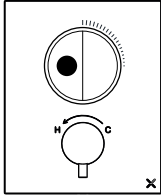
Max. recommended: 65°C

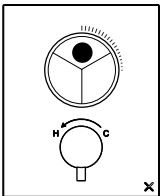
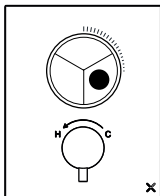
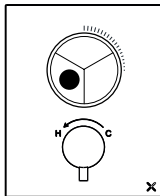
Recommended thermal differential 50°C

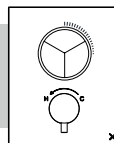
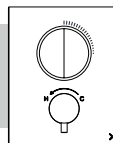
Thermal disinfection is allowed. Safety system with flow stop in case of lack of one of the two waters.

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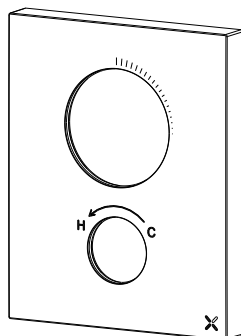
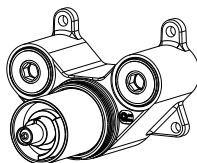
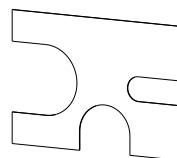
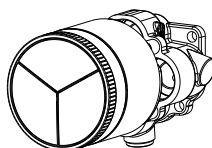
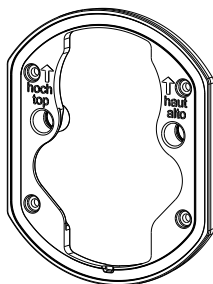
**Warning: contact the plumber for the choice of the best water heating device.**

| Press. | FLOW RATE ( L/min )                                                                         |      |                                                                                             |      |
|--------|---------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------------|------|
| bar    | Push button 2 ways                                                                          |      |                                                                                             |      |
|        | <br>Exit 1 |      | <br>Exit 2 |      |
|        | min.                                                                                        | max. | min.                                                                                        | max. |
|        | 1,5                                                                                         | 7,5  | 1,5                                                                                         | 7,5  |
|        | 2,3                                                                                         | 11,3 | 2,3                                                                                         | 11,2 |
|        | 3,5                                                                                         | 16,5 | 3,5                                                                                         | 16   |
|        | 4,5                                                                                         | 20,5 | 4,5                                                                                         | 20   |
| 4      | 5,5                                                                                         | 23,7 | 5,2                                                                                         | 22,8 |
| 5      | 5,7                                                                                         | 26,5 | 5,7                                                                                         | 25,5 |

| Press. | FLOW RATE ( L/min )                                                               |             |                                                                                   |      |                                                                                   |      |
|--------|-----------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------|------|
| bar    | Push button 3 ways                                                                |             |                                                                                   |      |                                                                                   |      |
|        |  |             |  |      |  |      |
|        | Exit 1                                                                            |             | Exit 2                                                                            |      | Exit 3                                                                            |      |
|        | min.                                                                              | max.        | min.                                                                              | max. | min.                                                                              | max. |
|        | 0,5                                                                               | 1,8    8,1  | 1,8                                                                               | 7,7  | 1,8                                                                               | 7,7  |
|        | 1                                                                                 | 2,7    11,8 | 2,6                                                                               | 11,5 | 2,6                                                                               | 11,5 |
|        | 2                                                                                 | 3,9    16,8 | 3,9                                                                               | 16,7 | 3,9                                                                               | 16,7 |
|        | 3                                                                                 | 4,8    20,7 | 4,8                                                                               | 20,5 | 4,8                                                                               | 20,5 |
|        | 4                                                                                 | 5,5    24   | 5,5                                                                               | 23,7 | 5,5                                                                               | 23,7 |
|        | 5                                                                                 | 6,2    26,7 | 6,2                                                                               | 26,6 | 6,2                                                                               | 26,6 |

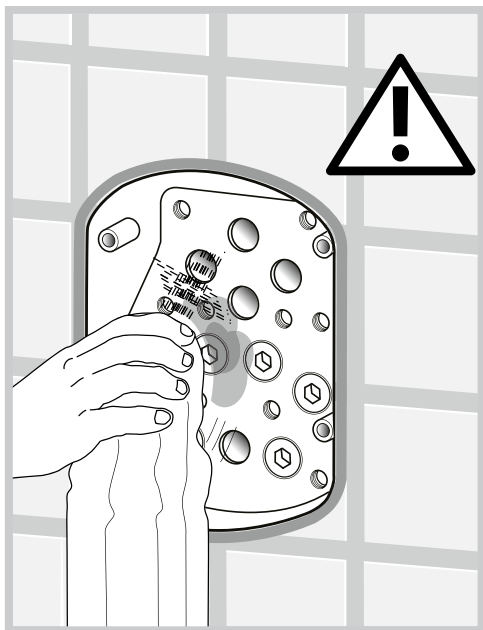
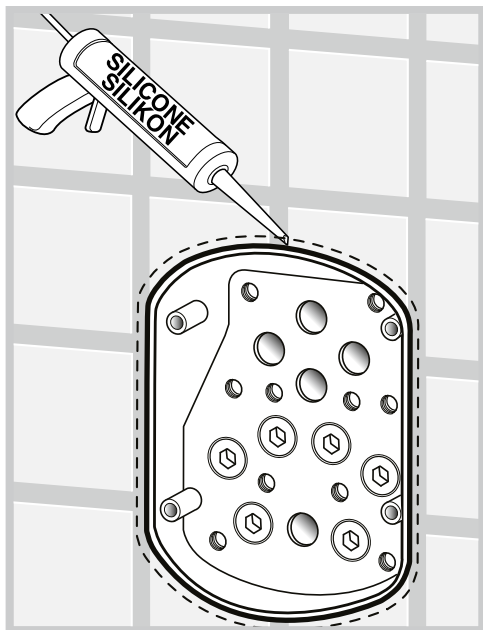
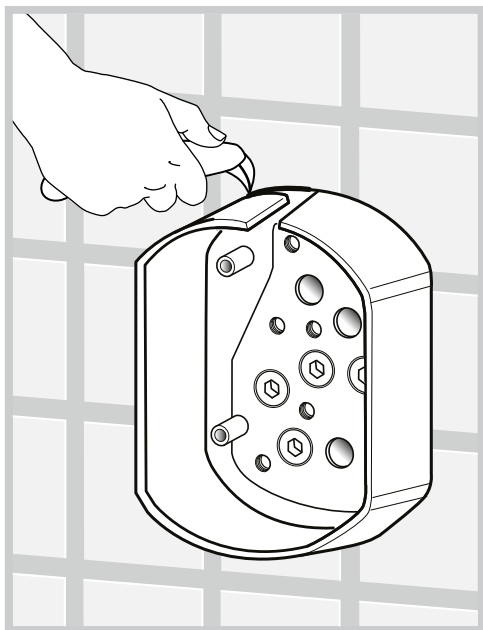
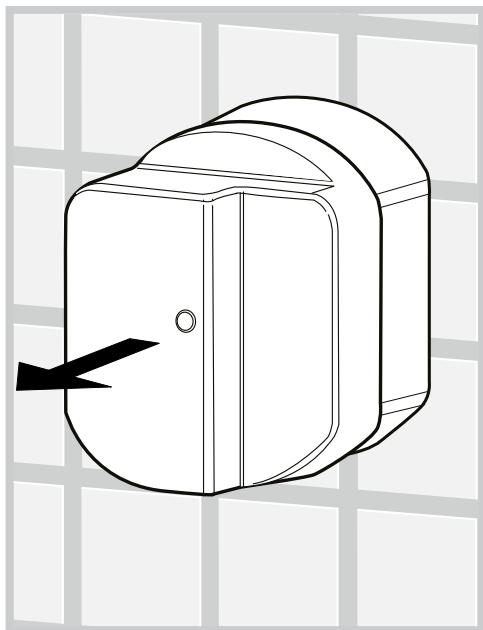
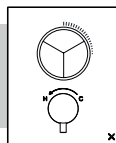
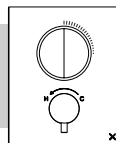


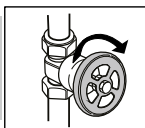
## THERMOSTATIC 2-3 WAYS



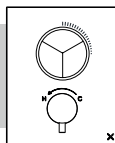
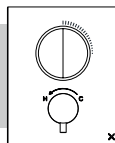
Mounting instructions



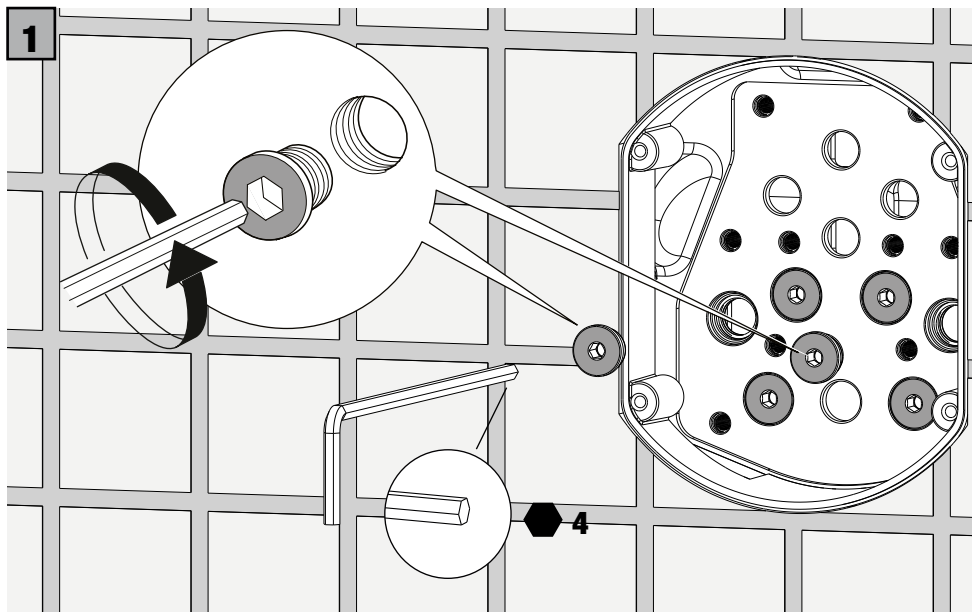




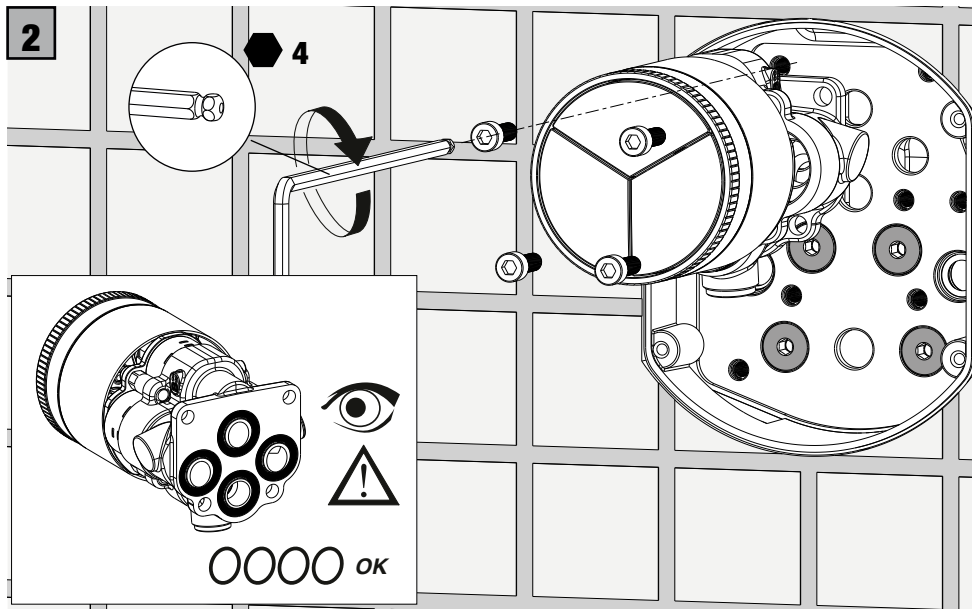
CLOSED

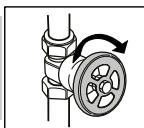


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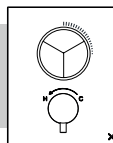
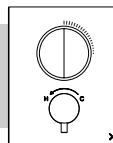


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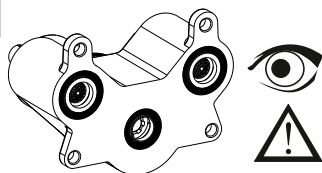




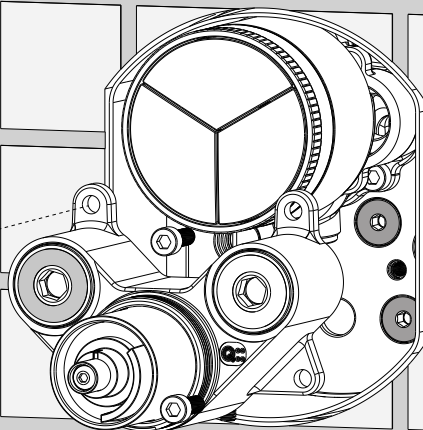
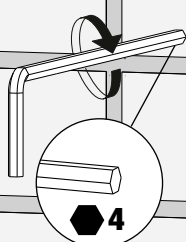
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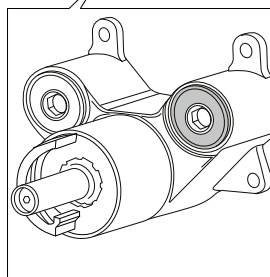
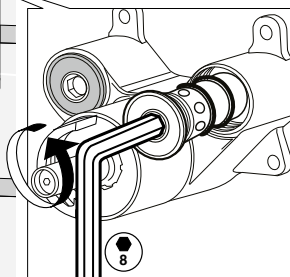
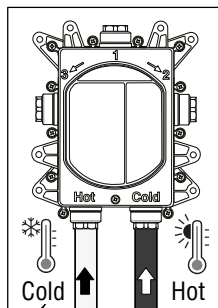
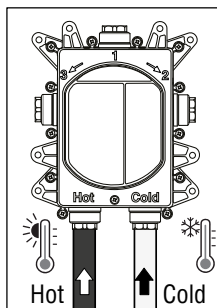
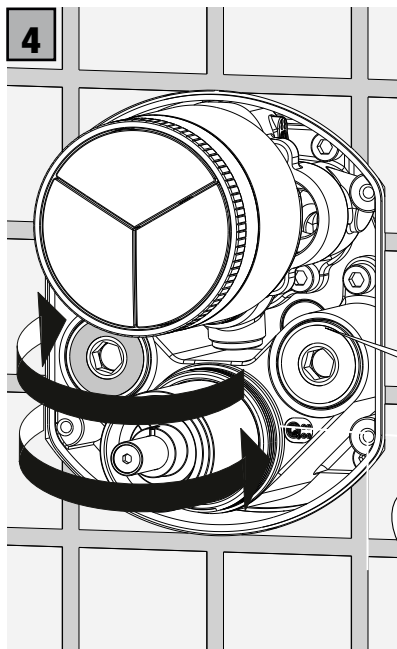
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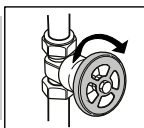


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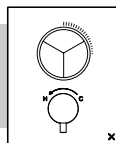
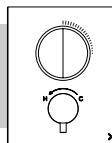


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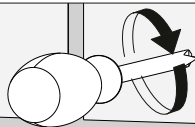
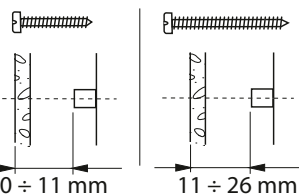




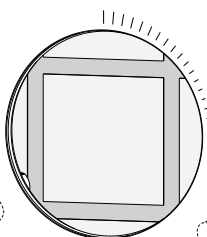
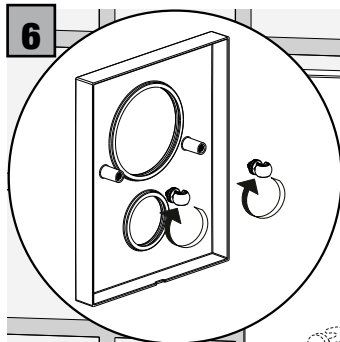
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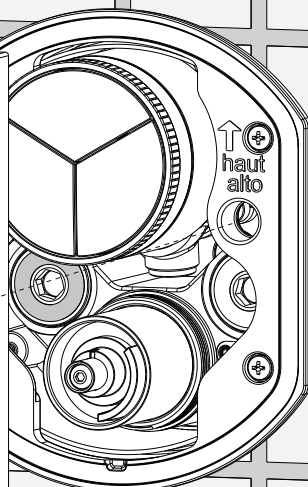
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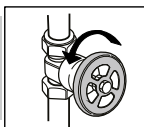


SOAP

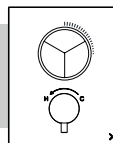
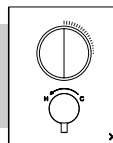


Run liquid soap over the O-rings to facilitate plate's insertion

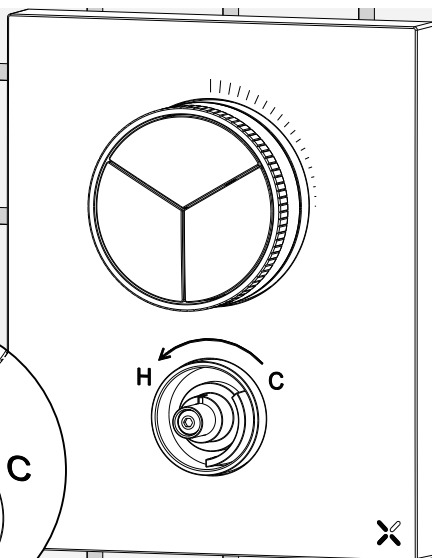
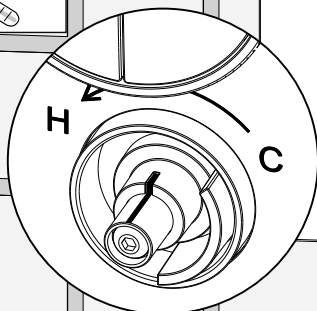
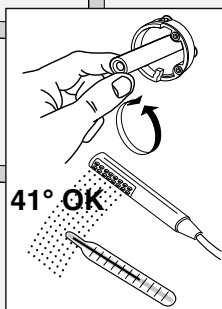
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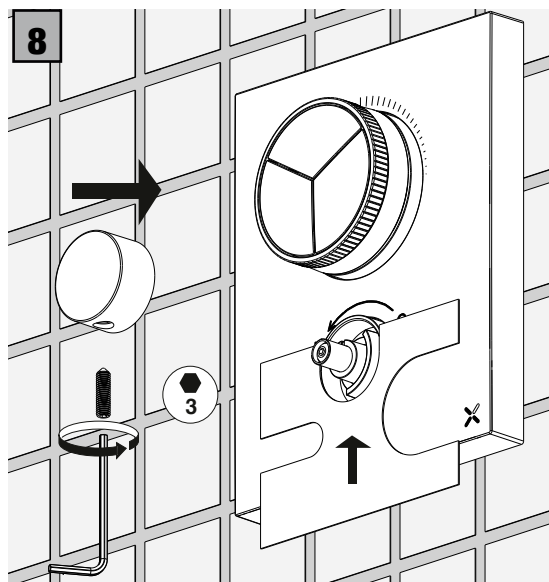
OPEN



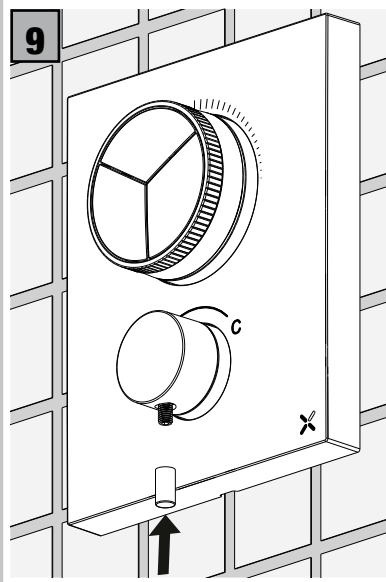
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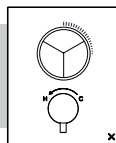
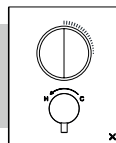
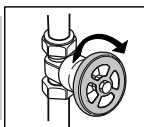


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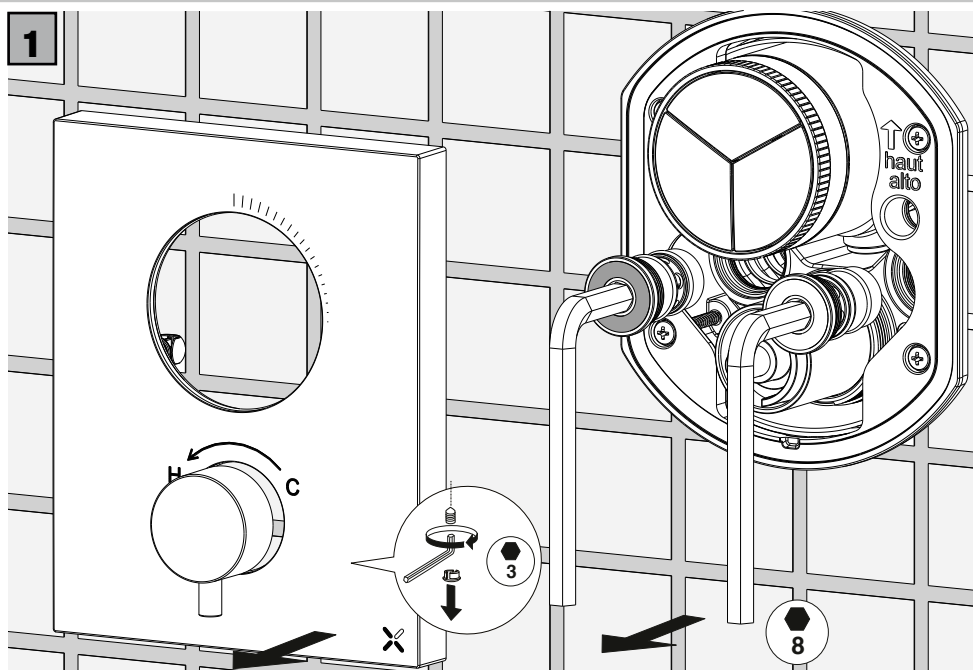


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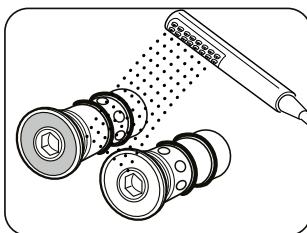
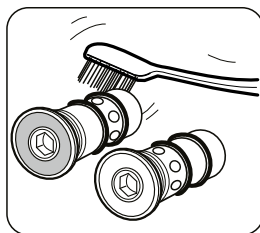
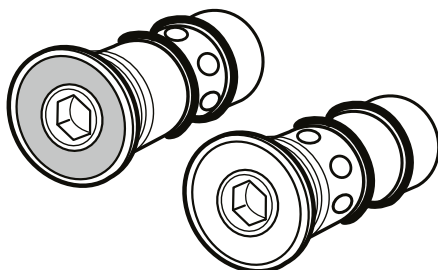
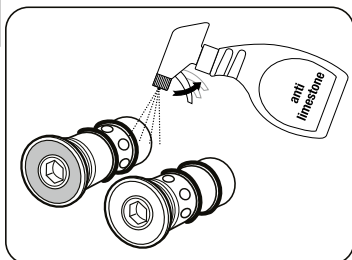


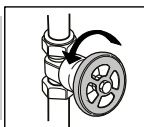


1

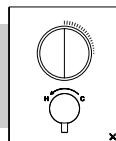
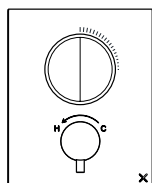


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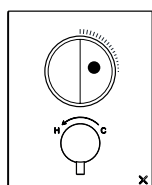




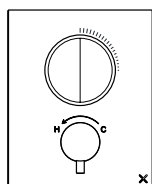
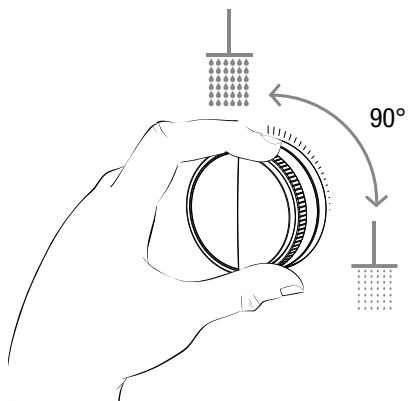
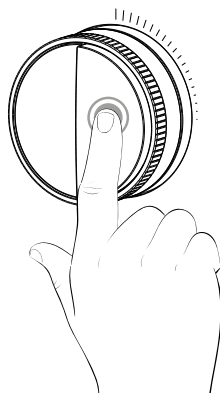
OPEN

**THERMOSTATIC 2 WAYS**

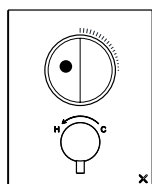
stop



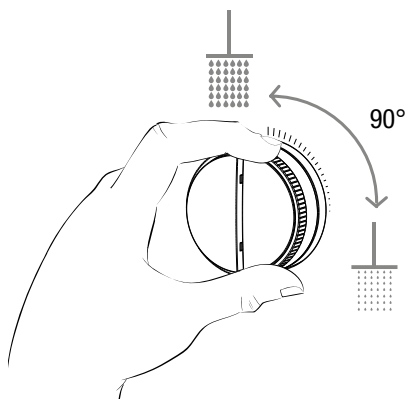
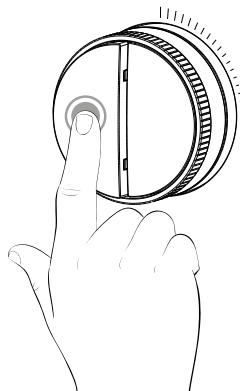
1 way

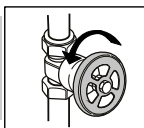


stop

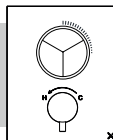


2 way

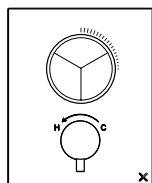




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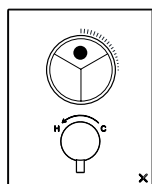
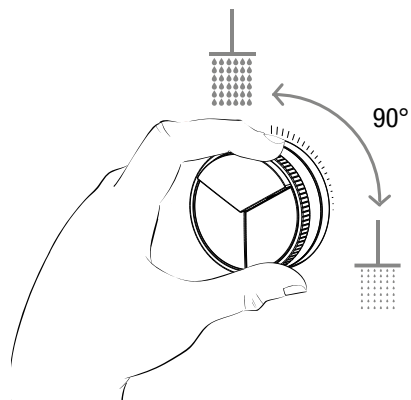
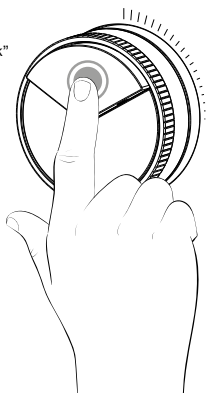


## THERMOSTATIC 3 WAYS

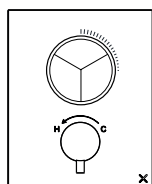


stop

"click"

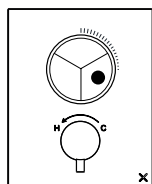
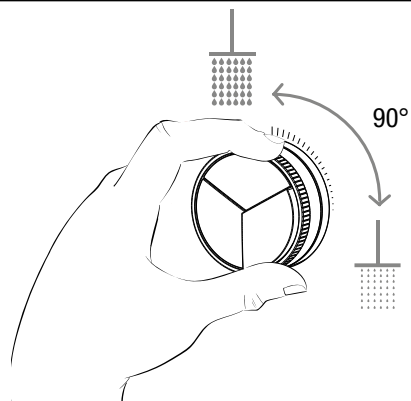
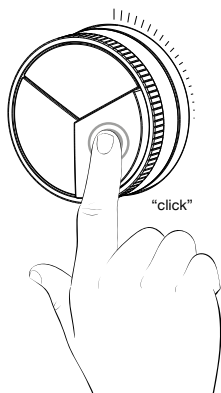


1 way

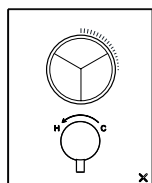


stop

"click"

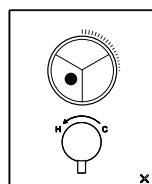
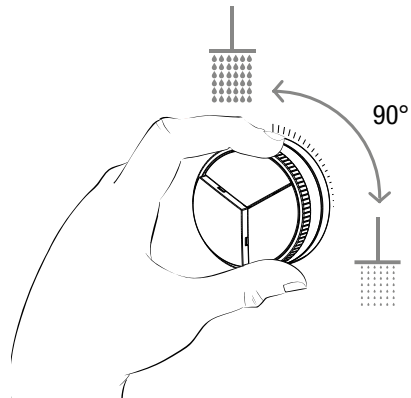
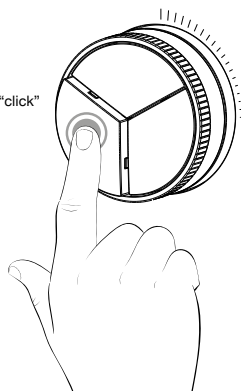


2 way



stop

"click"



3 way

**EN I CLEANING**

Clean surfaces using only water or neutral detergents and dry with a soft cloth.

Never use abrasive or corrosive detergents or products containing hydrochloric acid, phosphoric acid, ammonia or bleach.

Do not use sponges or abrasive cloths.

It is recommended to clean the surfaces periodically, in order to not create situations of excessive dirt which is difficult to eliminate.

ATTENTION: the use of not-recommended products may irreparably deteriorate surfaces.

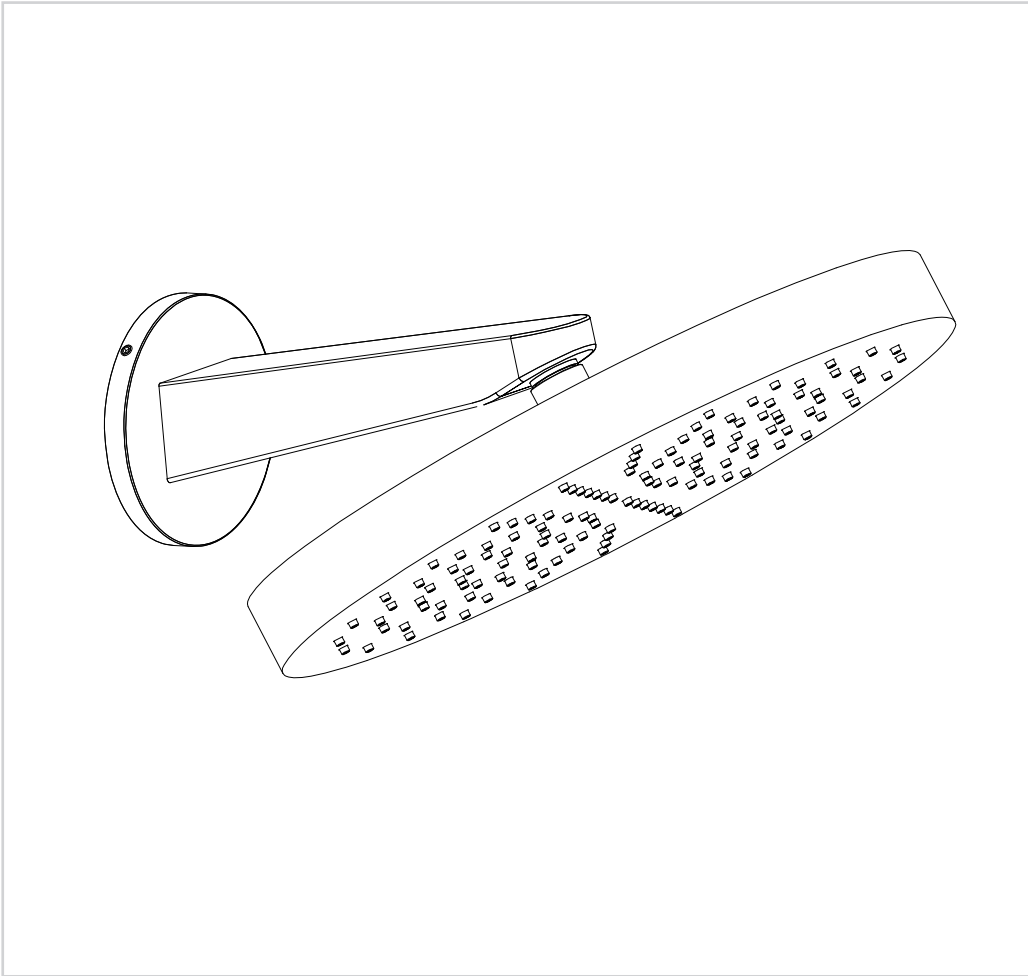


# REVIVE

Stainless Steel Shower Head Wall Mounted 300 x 300

**PRODUCT CODES:**

FH337

**IMPORTANT INFORMATION BEFORE YOU START**

**Please read carefully and keep this information for further reference.**

All products manufactured and supplied by Crosswater are safe provided they are installed, used correctly and receive regular maintenance in accordance with these instructions. If you are in any doubt about your ability to install this product safely you must employ the services of an experienced qualified plumber.

These fittings need to be installed in accordance with, and meet the requirements of the Water Supply (Water Fittings) Regulations 1999 and Scottish Byelaws 2004.

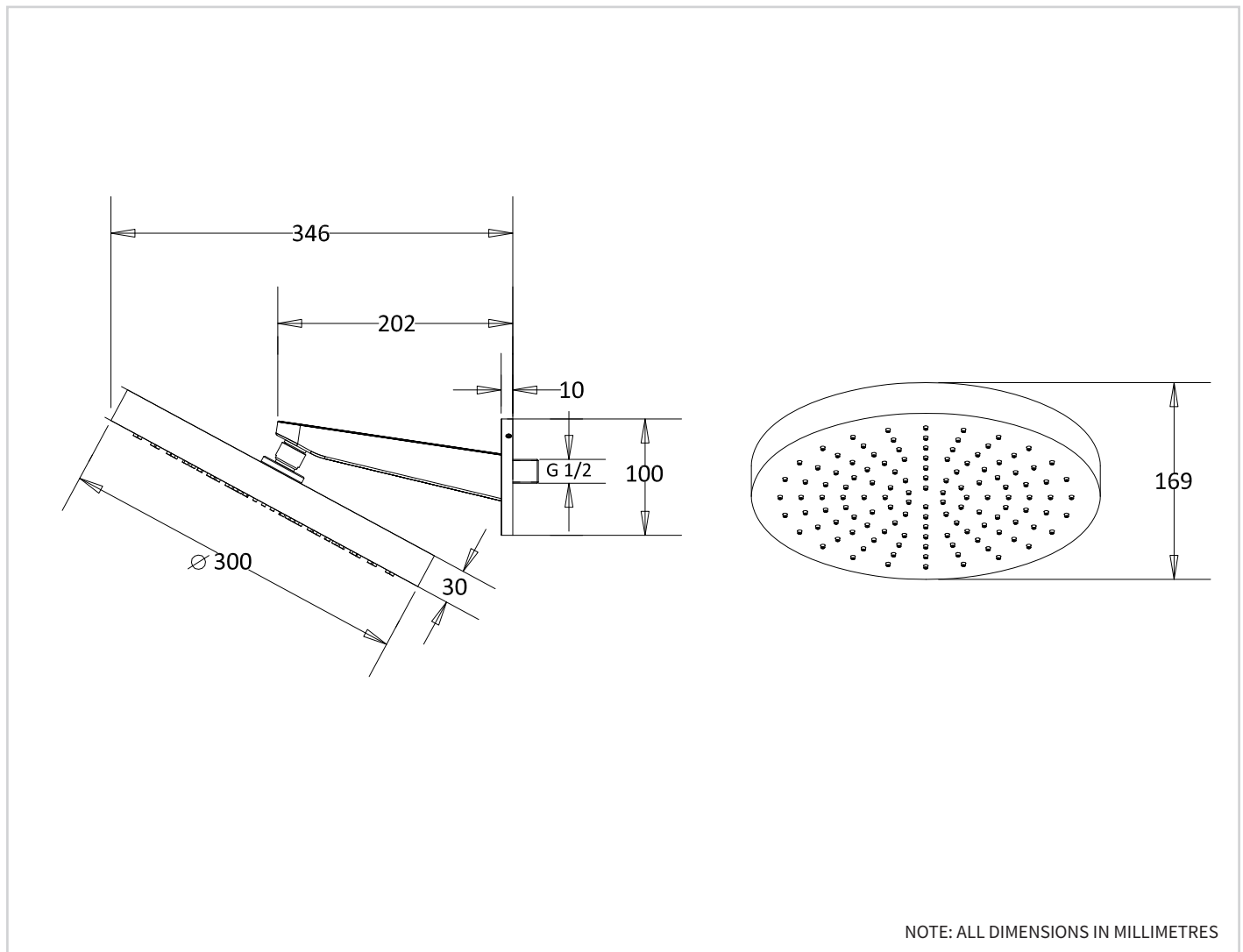
Operating pressure range: Minimum 0.5 bar, Maximum 5.0 bar. Maximum static pressure: 10.0 bar.

Note: Nominally equal (balanced) inlet supply pressures are recommended for optimum performance with mixer taps.

Designed to comply with BS EN 817 for single hole mixers, for water systems of type 2 general technical specifications and to be used within systems designed to BS 6700. BS 6700 recommends the temperature of stored water should never exceed 65°C.

A stored water temperature of 60°C is considered sufficient to meet all normal requirements and will minimise the build up of lime scale in hard water areas. If the fitting is installed at low pressure (tank fed), then the minimum distance from the highest installed position of the outlet to the underside of the cold tank should be at least 2 metres to ensure adequate performance.

## DIMENSIONS



### IMPORTANT INFORMATION

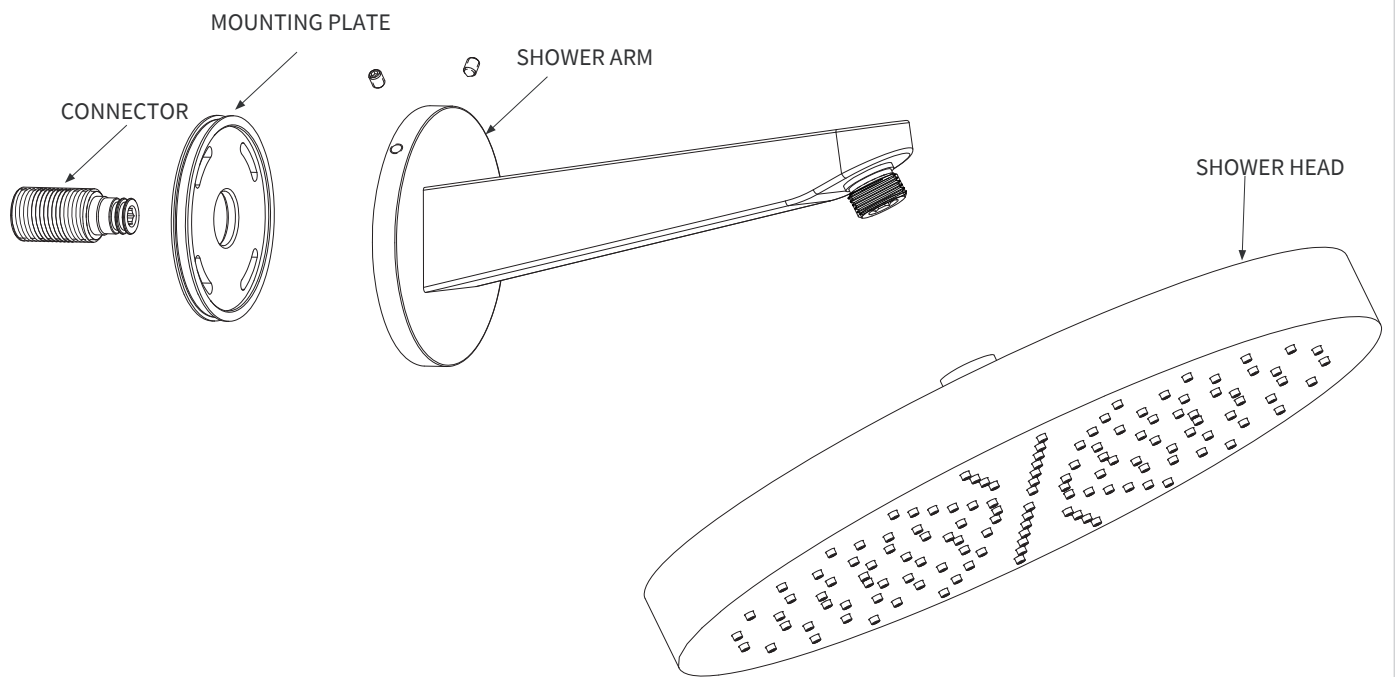
**Please read carefully and keep this information for further reference.**

These shower mixers should be installed in compliance with the Water Regulations.

Where the supplies are unbalanced, i.e. Hot water from cylinder tank / cold from the mains, approved check valves must be fitted in the supply pipes.

For further details contact your Local Water Authority.

## COMPONENTS



## BEFORE YOU START

### Important Pre-Installation Notes

Remove all packaging and check the fitting for damage before starting installation.

**Warning:** Before starting any installation please consider the following: before drilling into walls, check that there are no hidden electrical wires, cables or water supply pipes. This can be checked with the aid of an electronic detector.

If power tools are used do not forget to: -

Wear eye protection

Unplug equipment after use

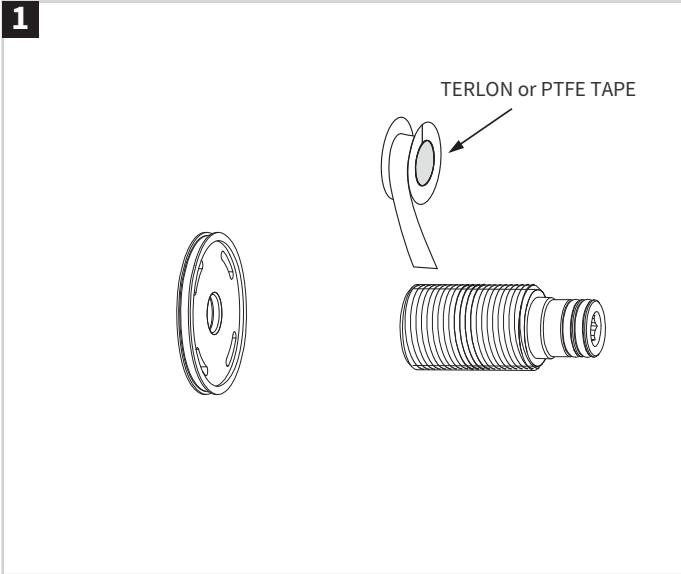
### Important:

Remember to turn off the mains water supply before connecting to any existing pipe work. Fitting isolating valves to the inlet feeds is recommended for ease of maintenance.

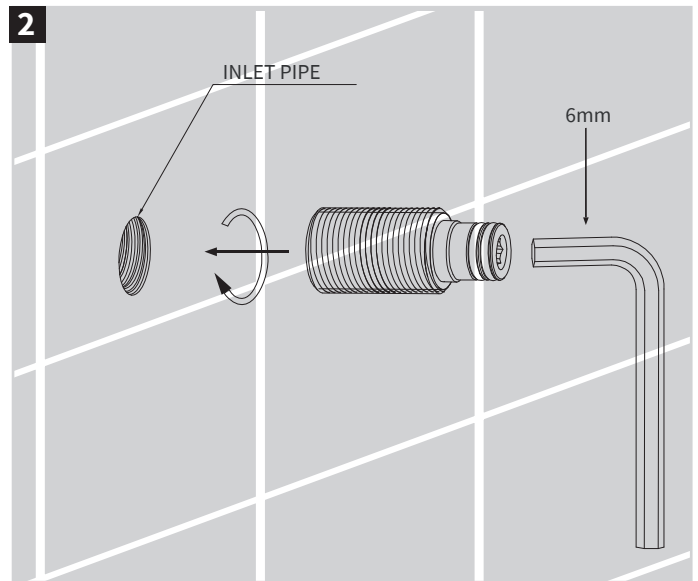
**Warning:** Before installing the new fitting it is essential that you thoroughly flush through the pipework in order to remove any remaining swarf, solder, etc. Failure to carry out this procedure could cause problems or damage to the workings of the fitting.

Take care when handling the 'flexible connecting pipes', do not bend, twist or crush them. Only tighten the pipes by hand. Do not crush or kink the shower hose, this could damage the hose and cause leaks.

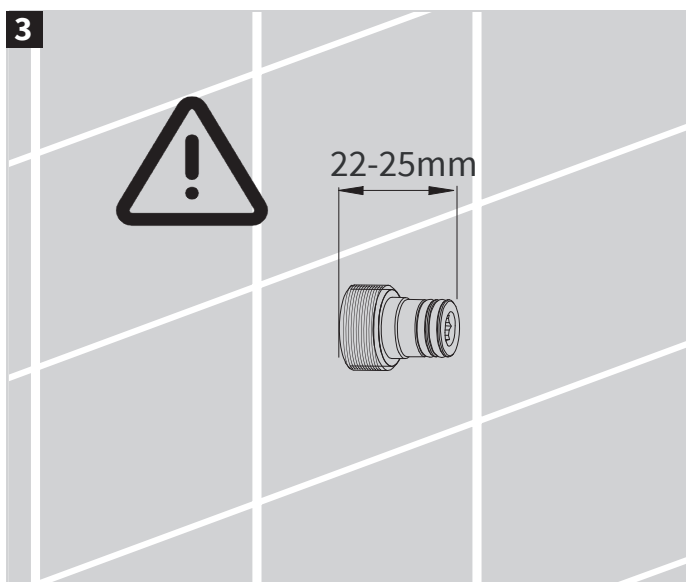
## INSTALLATION



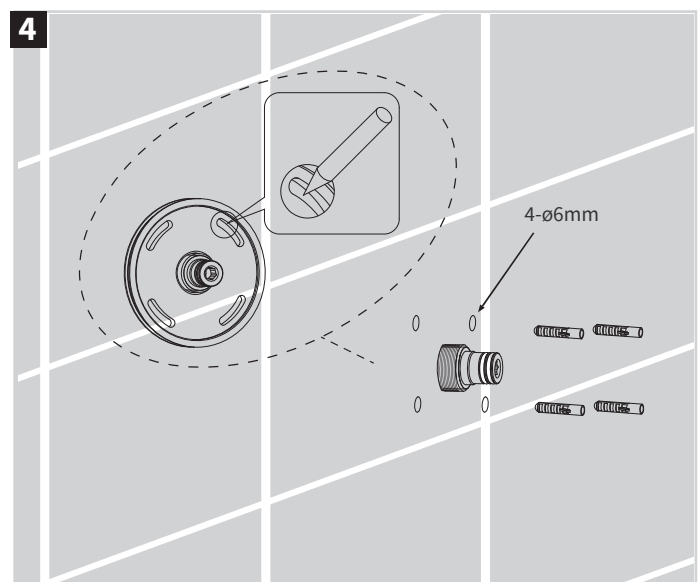
Remove the mounting plate and connector from the product.  
Wrap the connector thread using teflon or ptfe tape (not included) to achieve a watertight seal.



Install the connector into wall by hexagonal key (not included).

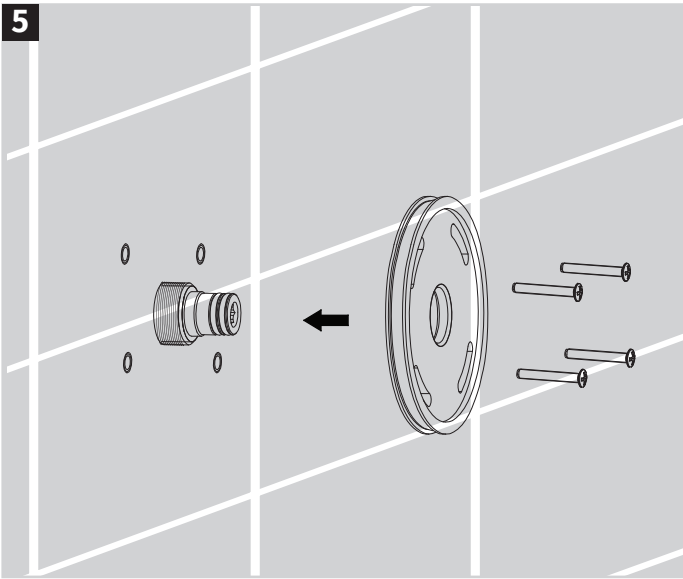


Attention: Ensure the exposed part should be between 22 to 25 mm from the tile to the end of connector.

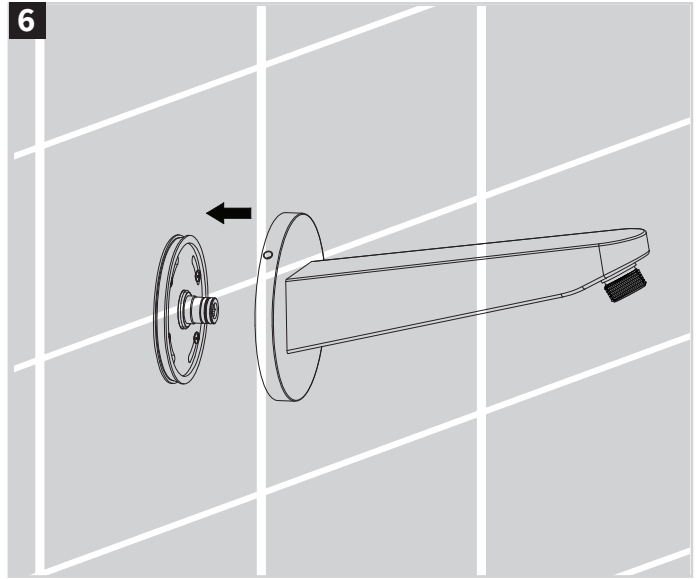


Mark the positions of the screw holes.  
Remove the mounting plate and drill the holes (4-ø6mm) to install wall plugs.

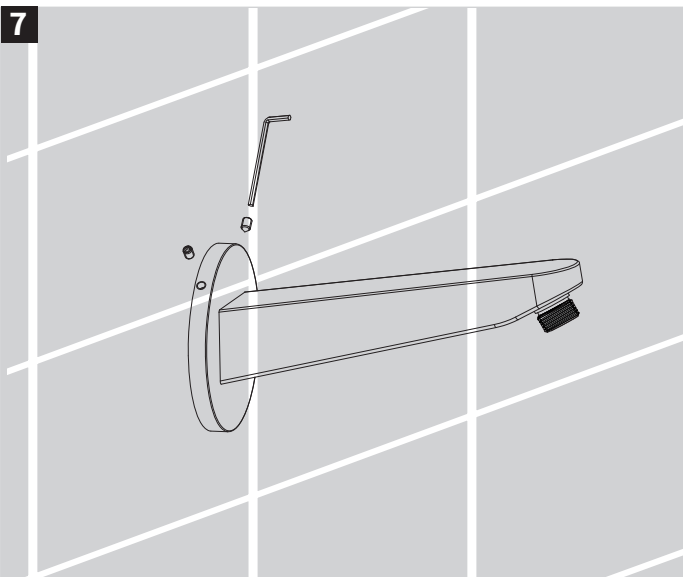
## INSTALLATION



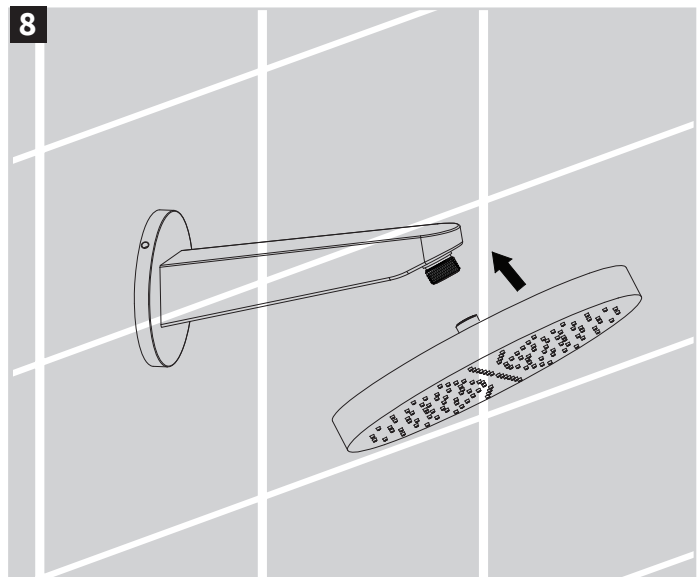
Install and fix the mounting plate into wall by screws.



Insert the shower arm into connector and mounting plate. Make the arm close to the wall.



Ensure the arm in place and tighten the arm with the 2 grub screws with hexagonal key.



Put the shower head onto the shower arm.

## CARE & MAINTENANCE

The material we use in our brassware is very durable, nevertheless care should be taken when cleaning them. They should be cleaned only with warm soapy water followed by rinsing with clean water and drying with a soft cloth. All finishes are vulnerable to acid attack and some strong substances such as household cleaners, disinfectants, denture cleaners, hairdyes, wine making, and photographic chemicals can cause the surface to go black or peel.

Note: Never use abrasive detergents or disinfectants or those containing alcohol, hydrochloric acid or phosphoric acid.

## BRITTON®

# INSTALLATION INSTRUCTIONS

## HOXTON SHOWER SET WITH OUTLET ELBOW

# HOX.053

## Important

- We recommend that this product is installed by a qualified professional plumber who is certified by NVQ (National Vocational Qualification) or SNVQ (Scottish National Vocational Qualification) Level 3.
- Please check this product upon delivery 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.
- If possible the shower kit should be supplied with hot and cold water at balanced pressure.
- It is important to flush the water system to ensure that no swarf, solder, or any other impurity or foreign body can enter the shower kit.
- Turn off the water supply before commencing work, this should be done at the isolating valves or inlet feeds if fitted, or otherwise at the main stopcock.
- Please read these instructions carefully and keep it for future reference.

## Working pressure

The shower set is suitable for high pressure installation. The recommended minimum work pressure is 1 bar. The maximum work pressure is 5 bar. If the mains pressure is over 5 bar, then a flow regulator should be fitted.

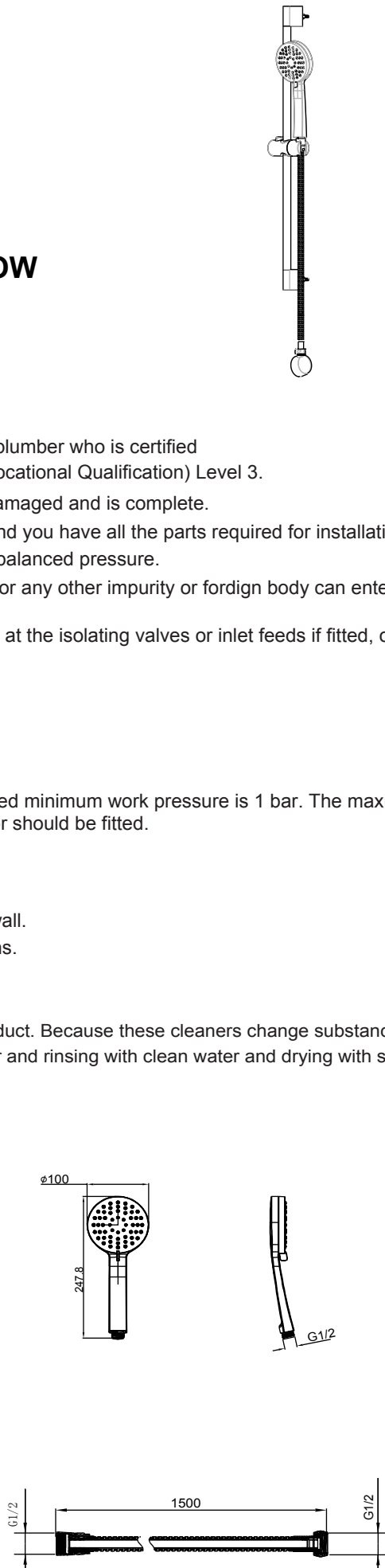
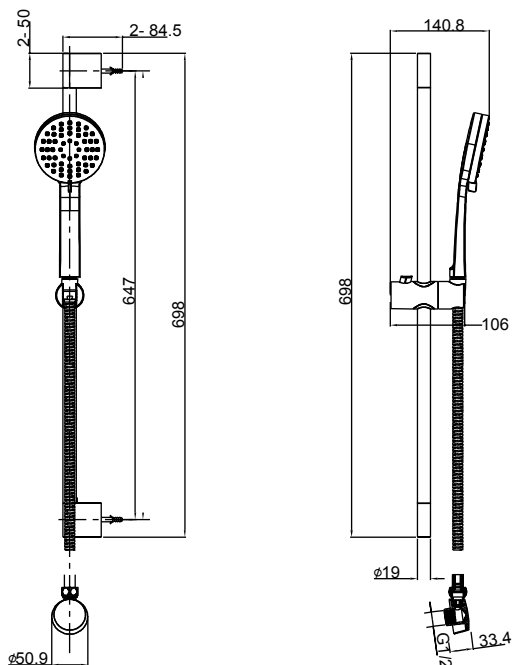
## Warning

Please check for any hidden pipes or cables before drilling holes in the wall.  
When using Power tools always follow the manufacturers user instructions.

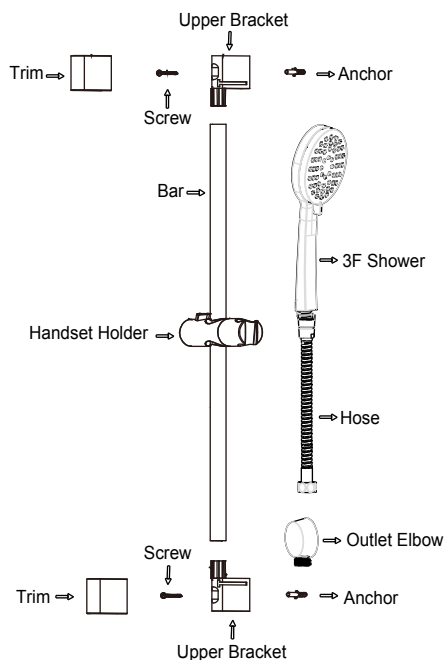
## Cleaning

We do NOT recommend you use any household cleaners to clean the product. Because these cleaners change substance or formula too frequently. So product should be always cleaned only with soapy water and rinsing with clean water and drying with soft cloth.

### Dimension



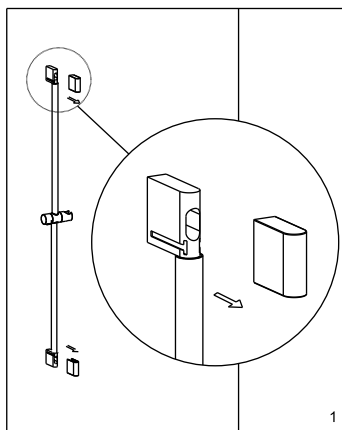
## Dimension



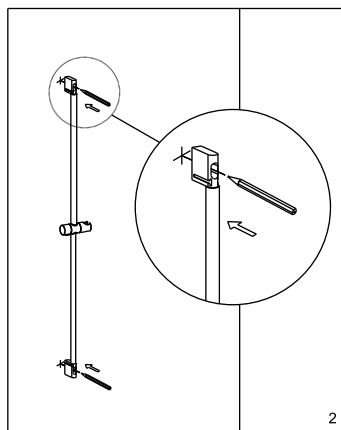
## Tools Required (Not Supplied)

Drill, 6mm Masonry drill bit, Cross-head screwdriver, Spirit level, Pencil, Wrench.

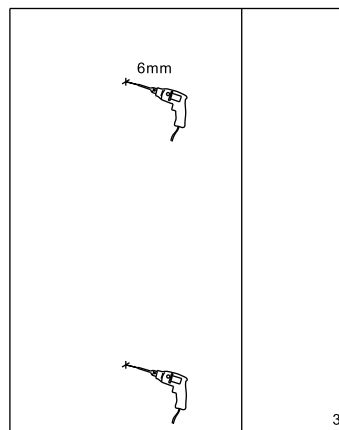
## Installation



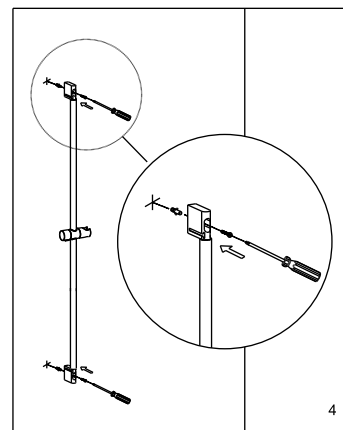
1. Loosen two trims but do not remove them. Place the bar to the wall vertically.



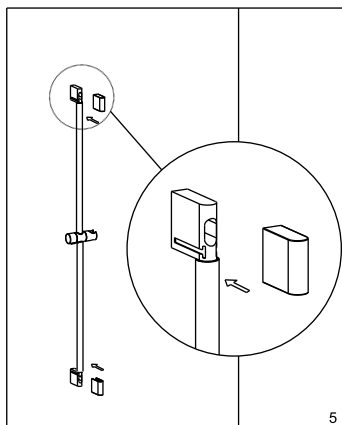
2. Mark two fitting holes.



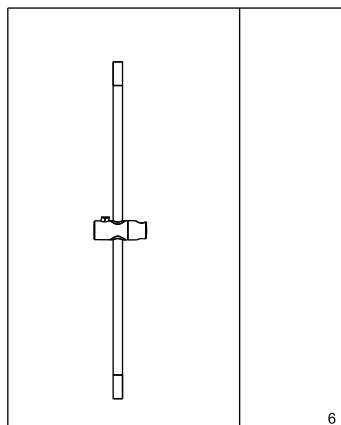
3. Drill two fitting holes by using a 6mm masonry drill bit.



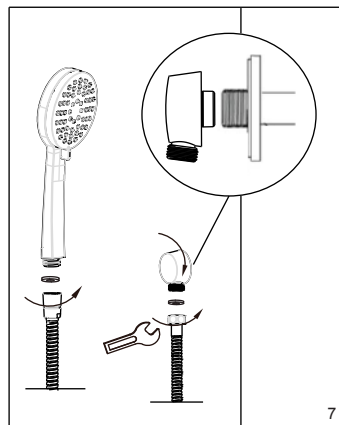
4. Fix the bar to the wall with anchors and screws.



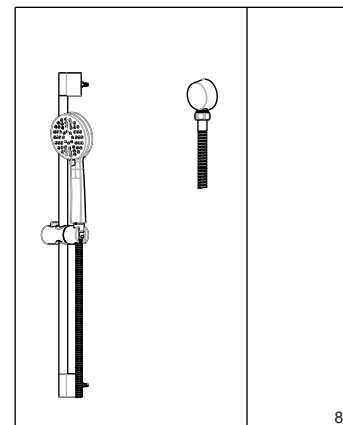
5. Assemble two trims back to brackets.



6. Complete the assembly of bar set.



7. Tighten the elbow into the outlet. Connect two ends of shower hose to the elbow and the handset.



8. Done.