

## KNURLED ACCENTS

2 way thermostatic shower valve

## Important – Please Read

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Please read these instructions carefully before starting installation and keep for future reference.

Remove all packaging and check the product for missing parts or damage before starting installation.

Any alterations made to this product and fittings may infringe water regulations and will invalidate the guarantee.

The installation must comply with all Local/National Water Supply Authority Regulations/Byelaws and Building and Plumbing Regulations.

To be installed in accordance with BS EN806.

We strongly recommend that you use a qualified and registered plumber.

### General installation

This fitting is a mixing device and therefore water supplies should be reasonably balanced.

When installed, the fitting must comply with the requirements of the Water Supply (Water Fittings) Regulations 1999 and Scottish Byelaws 2004.

For further information, contact the Water Regulations department of your local water supplier (see the WRAS website [www.wras.co.uk](http://www.wras.co.uk) for details) or the Water Regulations Advisory Scheme by email ([info@wras.co.uk](mailto:info@wras.co.uk)) or telephone: 01495848454.

Before making any inlet pipe connections, all supply pipes MUST be thoroughly flushed to remove debris. Failure to do so could result in damage or low flow from the mixer unit.

The fitting of isolating valves to the inlet feeds is advised for ease of maintenance.

Please take great care when installing this mixer not to damage its surface.

Please note if installing in an enclosed environment, access should be left for servicing and maintenance. No costs relating to inadequate access can be accepted.

### Operating Specifications

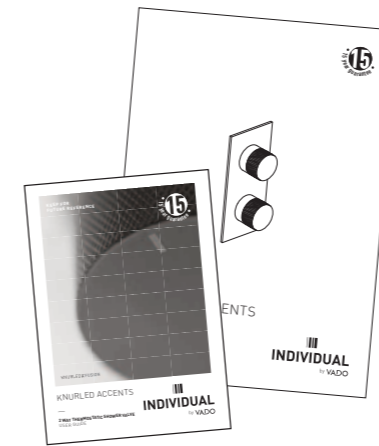
#### Operating Pressure

Minimum operating pressure **0.2 bar** (**1 bar** if used as a bath fill)

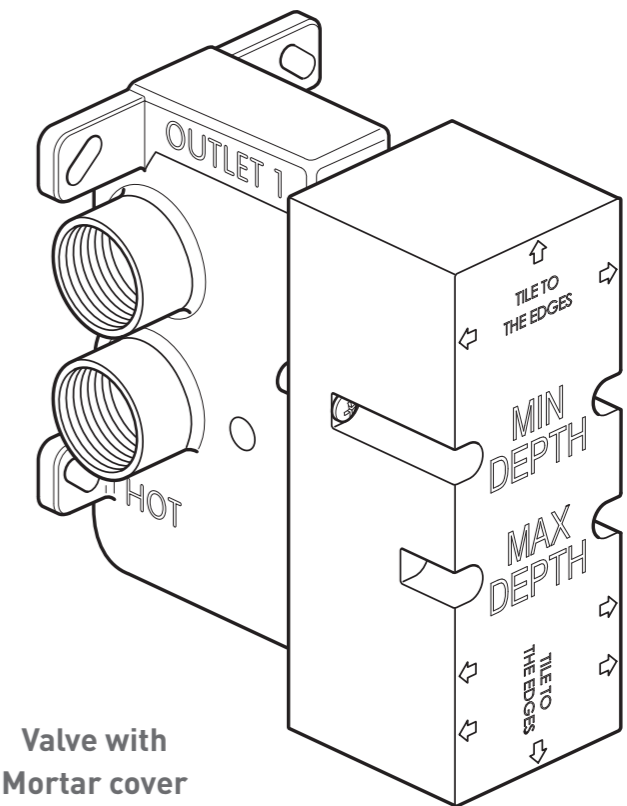
Maximum operating pressure **5 bar**

## Important – Please Read

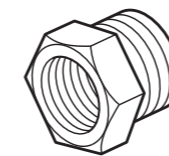
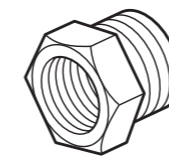
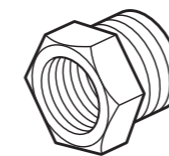
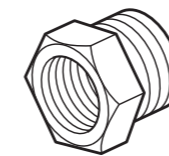
### Contents of Packaging



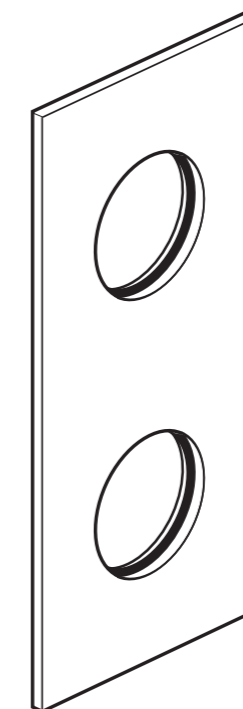
Installation guide &  
User manual



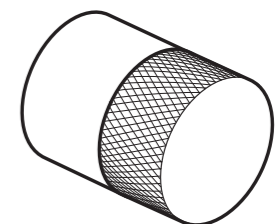
Valve with  
Mortar cover



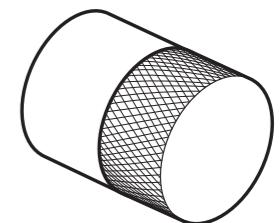
Adaptors  $\frac{3}{4}$ " to  $\frac{1}{2}$ " x 4



Cover plate

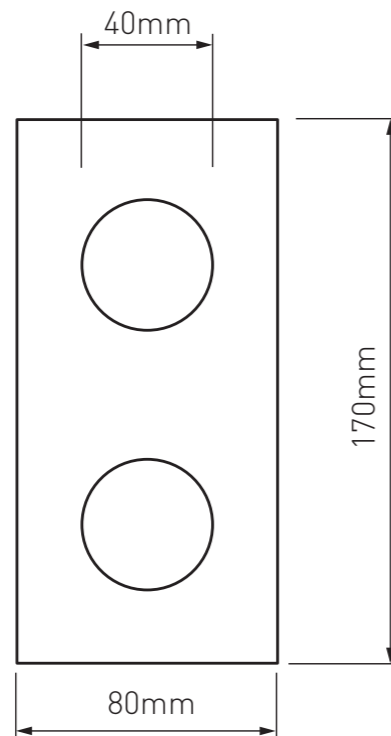
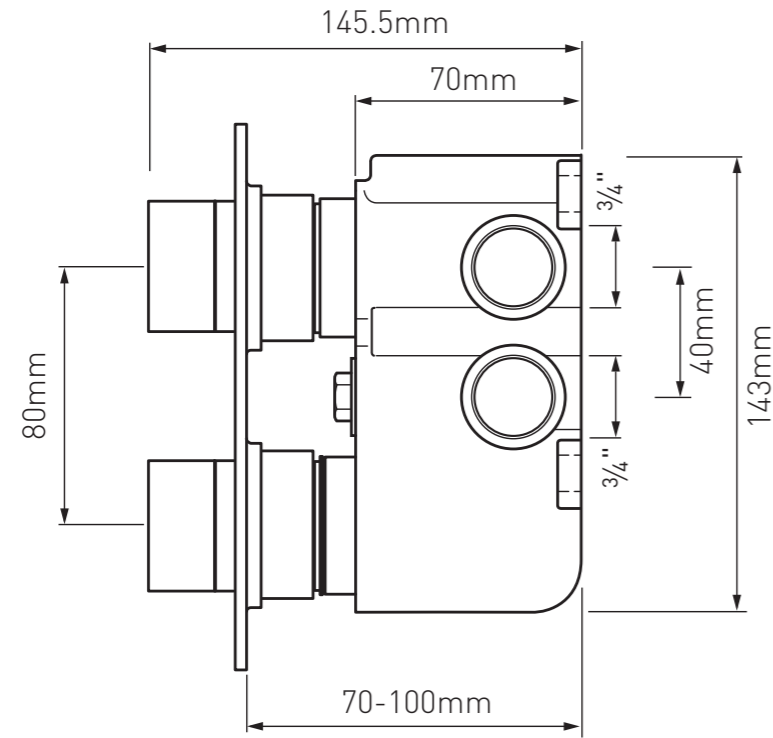


Handle

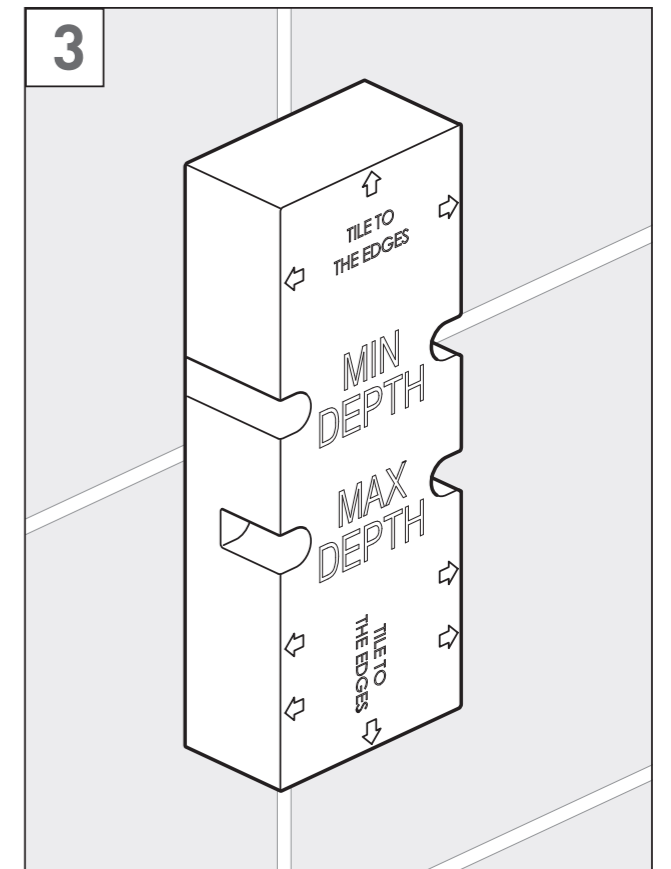
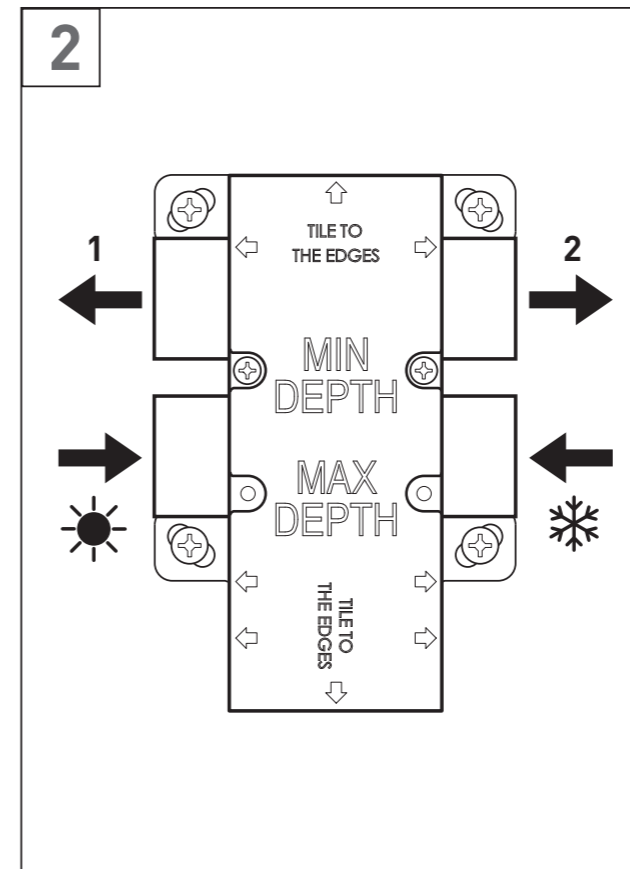
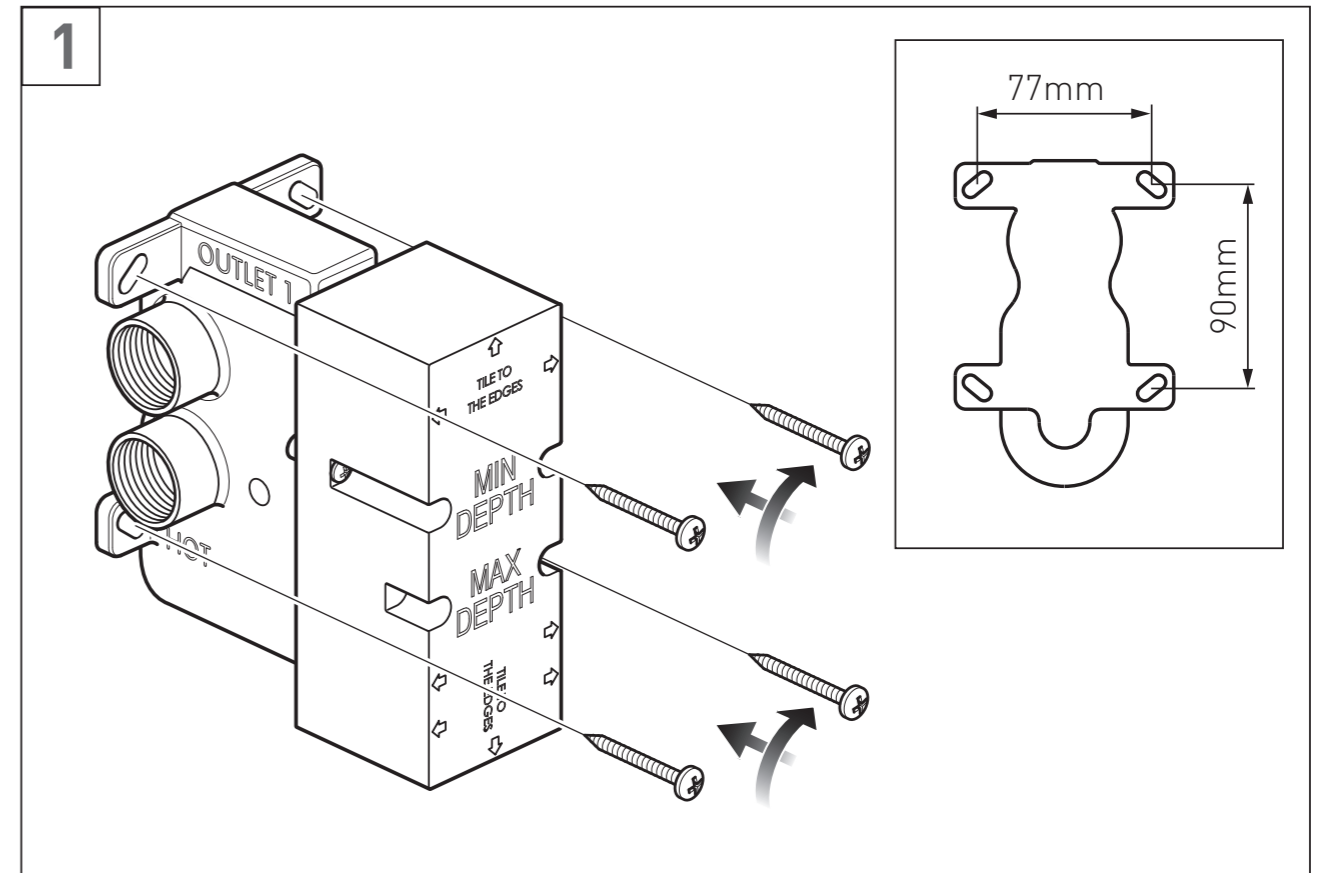


Handle

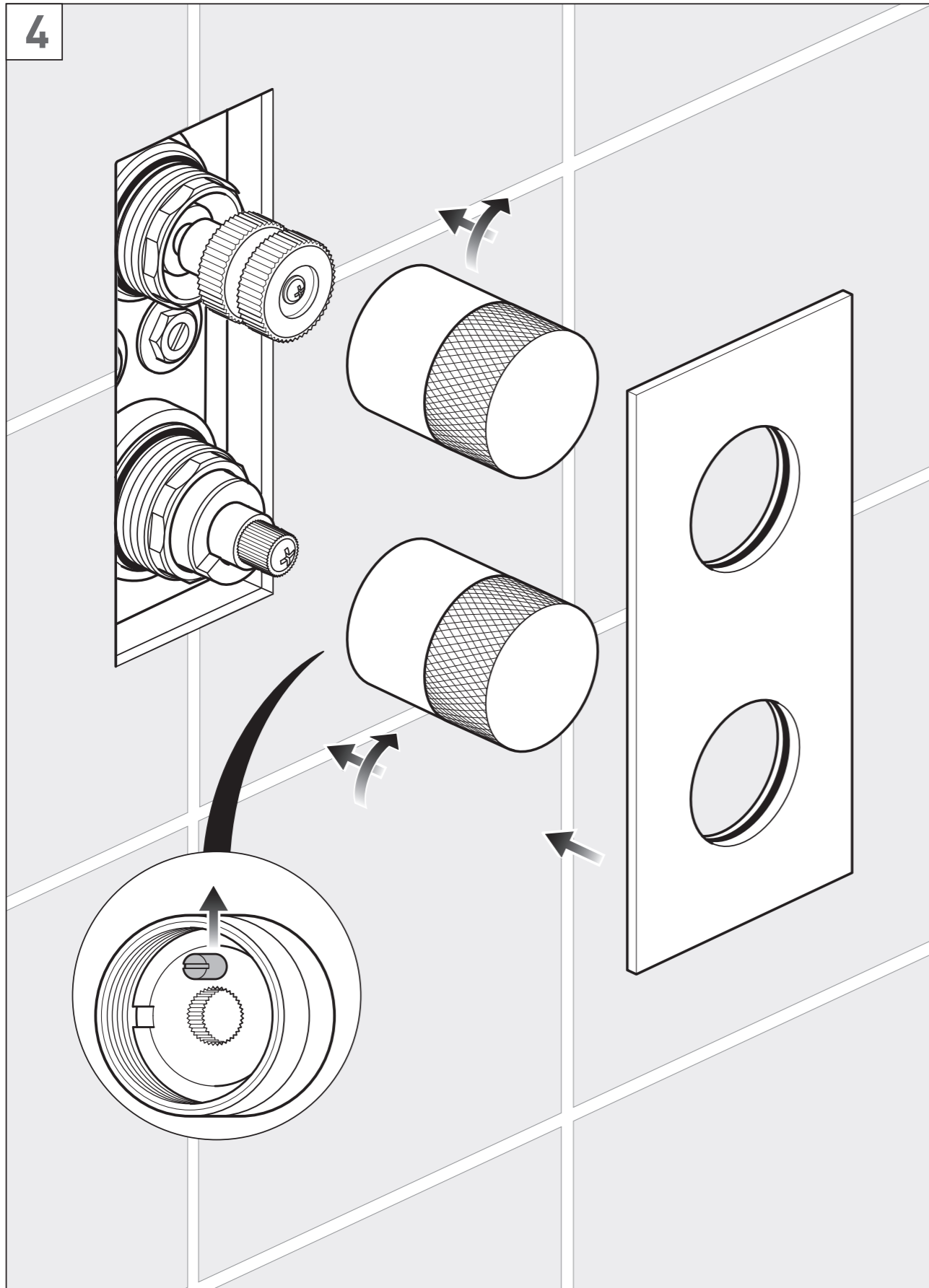
## Dimensions



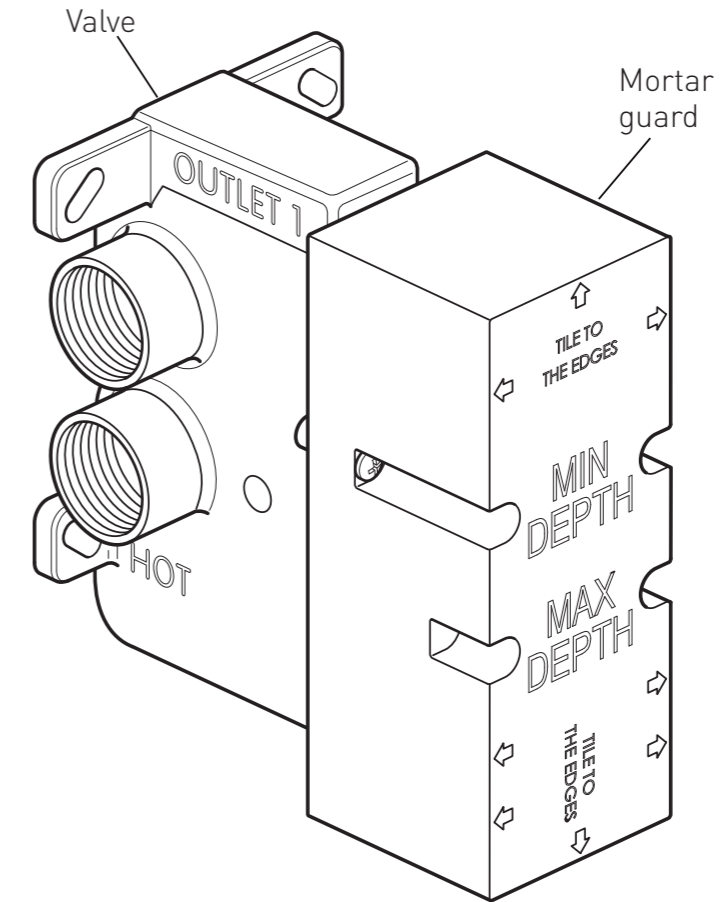
## Installation - Quick guide



## Installation - Quick guide



## Installation



Rinse pipe work thoroughly before fitting the valve.

**Warning!** Please check for any hidden cables and pipes before drilling holes in the wall.

The valve must be set into the wall between (75mm minimum – 100mm maximum) If you are fitting the valve to a partition wall or a wall of particularly soft substrate you will need specialist fixings.

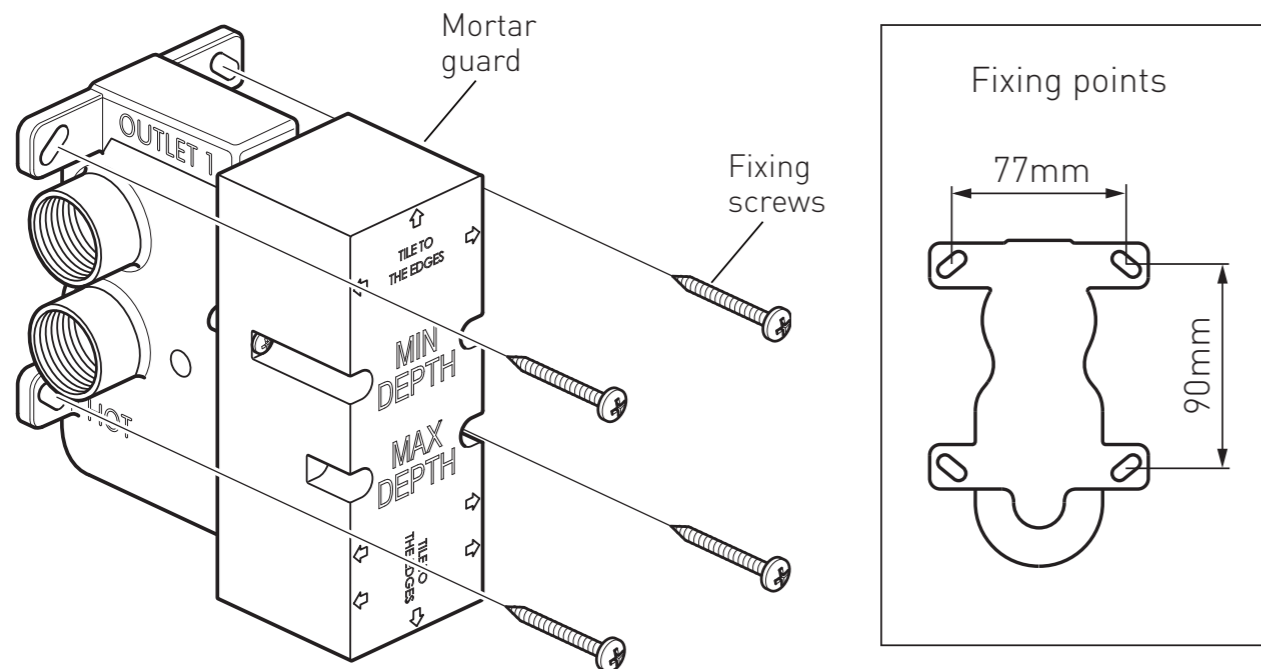
If you are going to install the valve in the horizontal position follow the same procedure as shown.

You will need to rotate the stop ring as required see page 9.

### **Mortar guard**

During and after installation protect the outer parts by leaving the mortar guard on the valve to avoid damage to plated surfaces.

## Installation



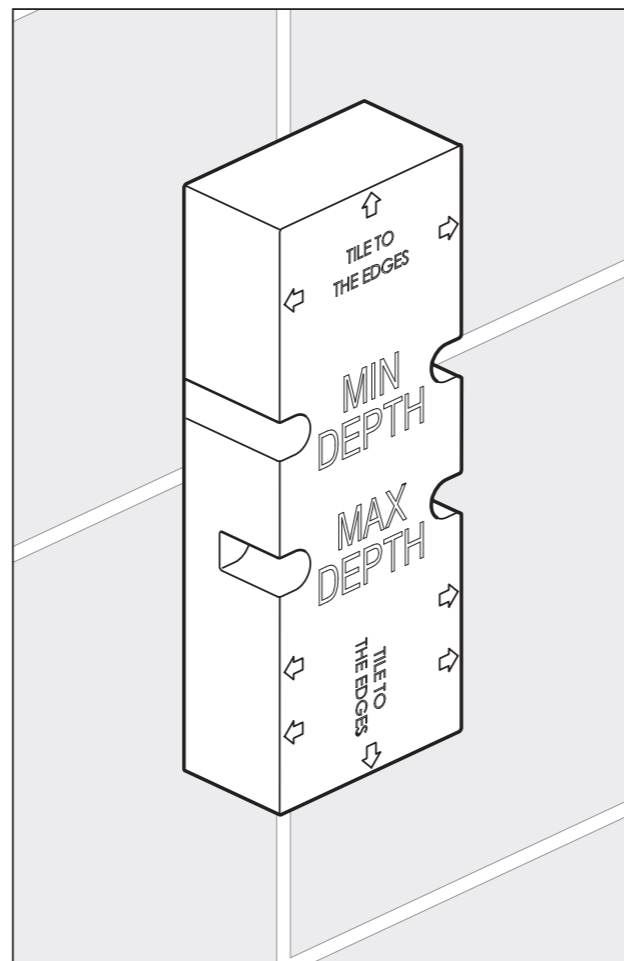
Select the position for the shower valve and offer the shower valve to the wall, make sure the valve is vertical with a level and mark the 4 fixing points with a suitable pencil, see above right for dimensions. Remove the shower valve from the wall, drill the holes to a suitable depth for the wall plugs and secure with suitable screws.

Connect hot supply to the lower left inlet of the valve and cold supply to the lower right inlet.

Connect the outlets to the desired channels e.g. outlet 1 to the shower and outlet 2 to the handset.

Finish the wall by tiling up to the mortar guard, keep the final finished wall surface between the min and max marks.

Unscrew the 2 mortar guard screws and remove from the wall.

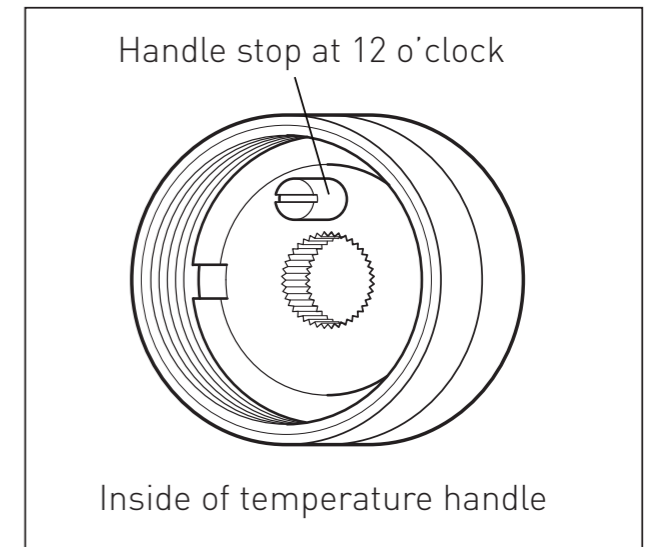


## Installation

### Temperature handle (bottom)

Ensure the temperature handle is correctly located with the handle stop at 12 o'clock.

Carefully slide the handle onto the splines of the valve and then screw the shroud part to the valve whilst holding the handle part.

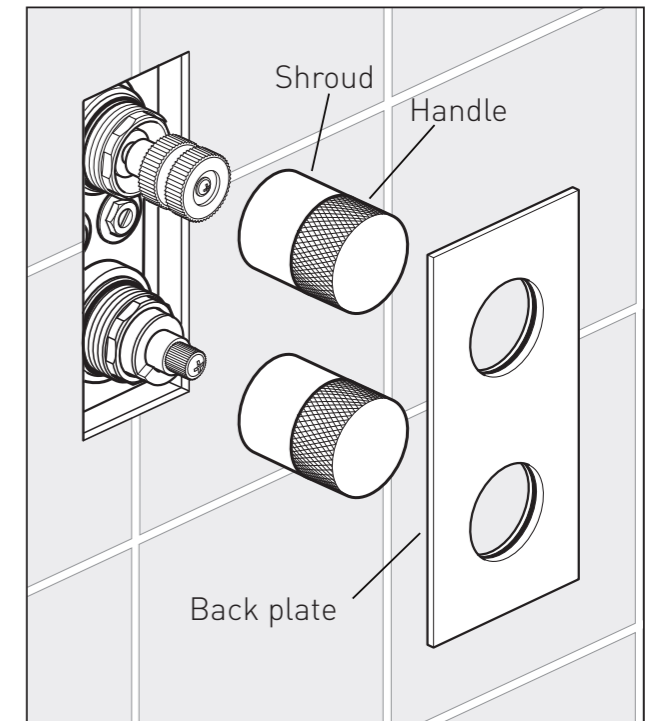


### Flow handle (top)

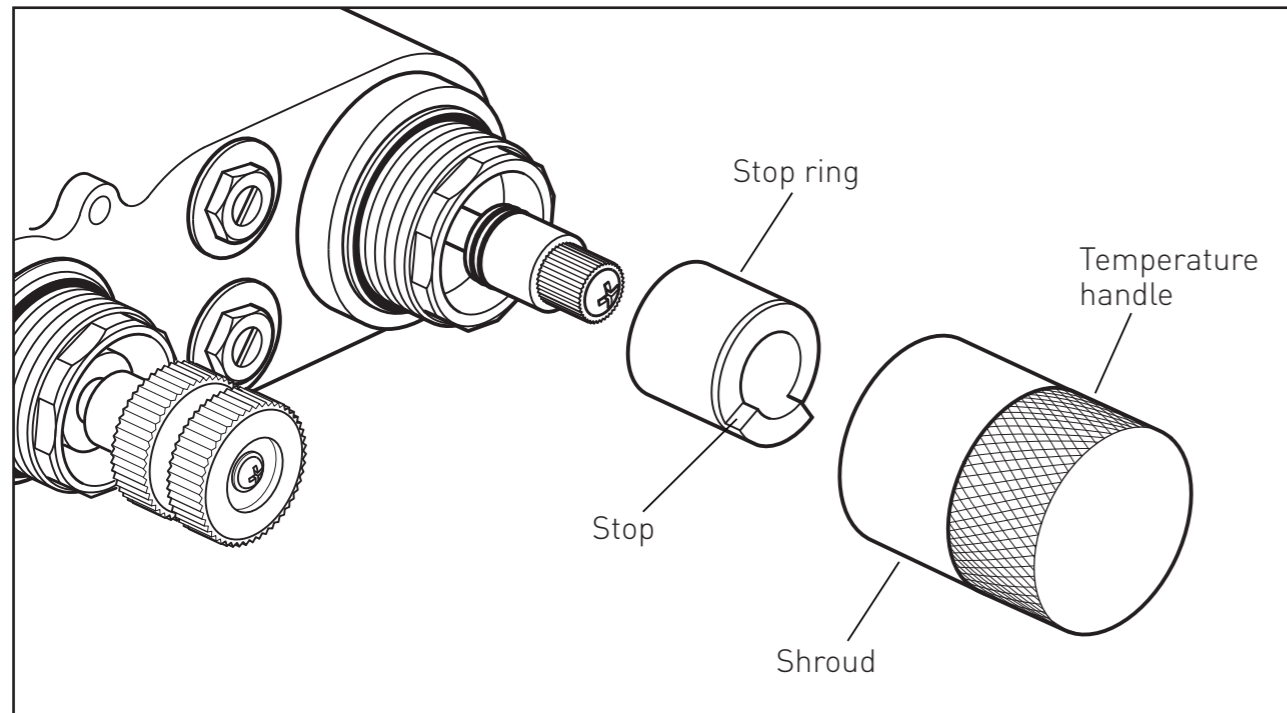
Carefully slide the handle onto the splines of the valve and then screw the shroud part of the handle to the valve whilst holding the handle part.

### Back plate

Slide the back plate over the valve being careful not to dislodge or damage the seals. Push the back plate up to the wall, apply a thin bead of silicone around the outside to seal against the tiled surface.



## Installation



If you are going to install the valve in the horizontal position you will need to rotate valve 90° anti-clockwise.

**The stop ring must have the stop located at 8 o'clock.**

Please refer to page 11 to ensure your valve is calibrated.

## Temperature resetting

The valve has been factory set under balance pressures and hot water supply at 65° C. When your specific operating conditions are significantly different from the above, the temperature of the water may vary from the setting.

When the difference is too great, you can adjust the calibration of the valve to suit individual requirements of the installation:

1. Check the temperature of the water being delivered to the outlet with a thermometer.
2. If the temperature is not 38° proceed to reset the calibration as follows:  
Do not remove the plastic stop ring. Turn the spline of the valve clockwise to decrease the temperature and anti-clockwise to increase the temperature until 38° is achieved at outlet.

3. Ensure that the stop on the stop ring is at 8 o'clock.

When the handle is attached (see page 9) ensure the temperature does not exceed 46° when turned entirely anti-clockwise.

Your valve setting is now calibrated.

