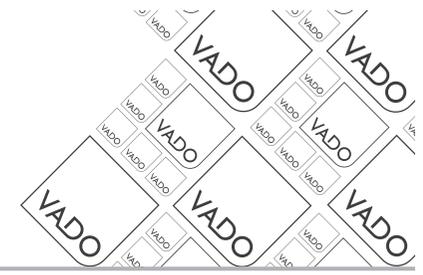




where inspiration flows

# SAFARI

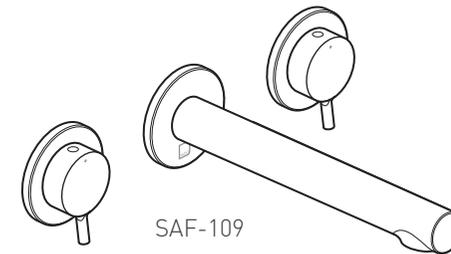


3 hole wall basin mixer  
Installation Guide

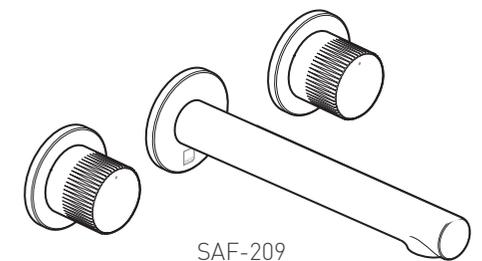
This instruction booklet covers models:

SAF-109, SAF-209  
(All finish options)

SAF-109  
SAF-209



SAF-109



SAF-209

Vado  
Wedmore Road, Cheddar, Somerset, England BS27 3EB  
tel 01934 744466. fax 01934 744345  
aftersales@vado.com  
www.vado.com



## Important - please read

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.

## Notes:

## 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. Water Supply (Water Fittings) Regulations 1999 Schedule 2 Section 13.

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

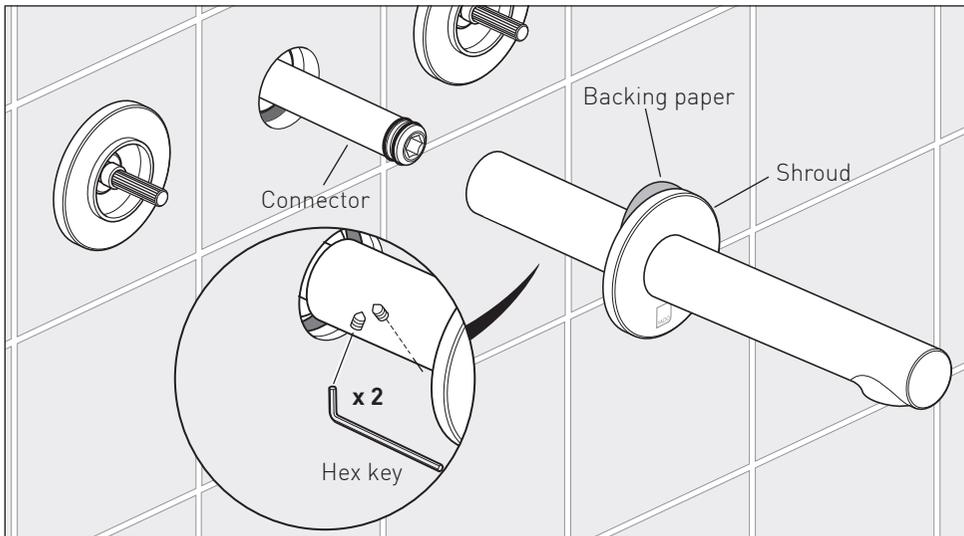
### Operating Pressure

Minimum operating pressure **1 bar \***

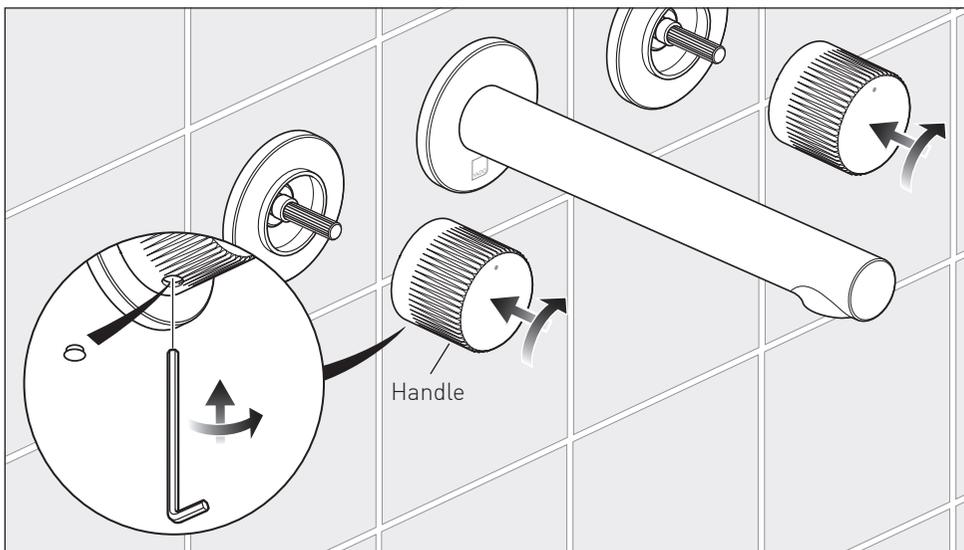
Maximum operating pressure **5 bar**

**\* 0.2 bar** if using Low Pressure variant

## Installation



Slide the shroud onto the spout, then slide the spout over the connector and into the wall, making sure that the nozzle is facing downwards. Secure in place with the two grub screws using the supplied hex key. Remove the backing paper and slide the shroud up to make contact with the wall.

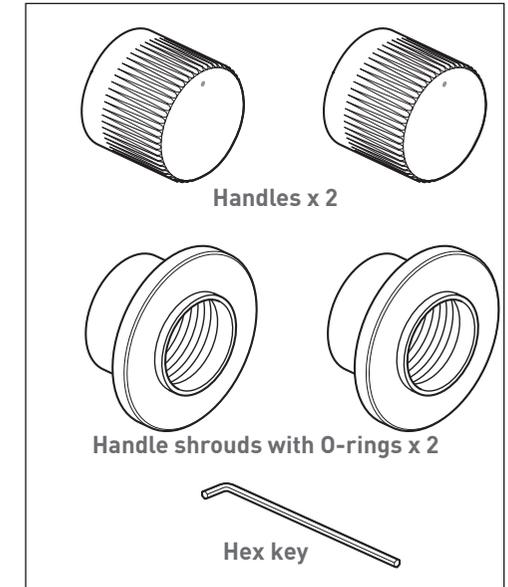


Release the grub screw within the handle if necessary. With the valve in the off position (fully anti-clockwise for hot and clockwise for cold) carefully slide the handle onto the splines of the valve with securing hole at the bottom, making sure the handle is in the correct off position tighten the grub screw..

## Contents of Packaging



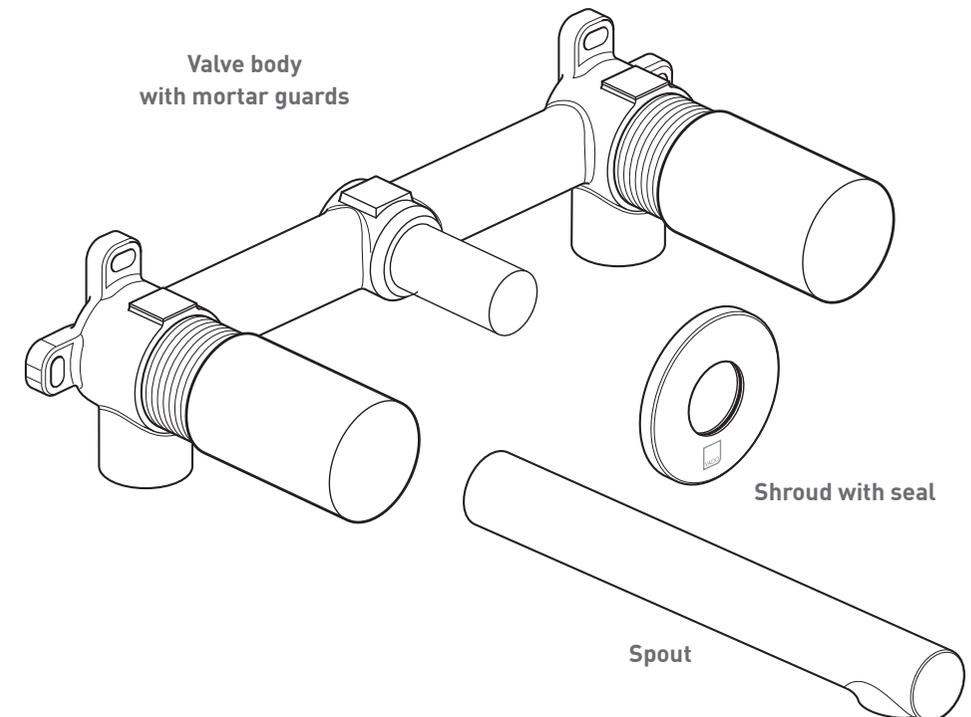
Installation Guide & User Manual



Handles x 2

Handle shrouds with O-rings x 2

Hex key

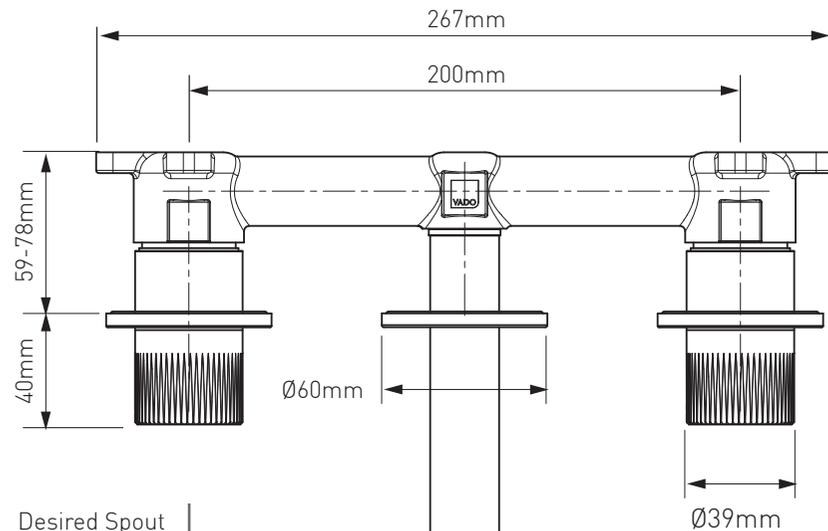
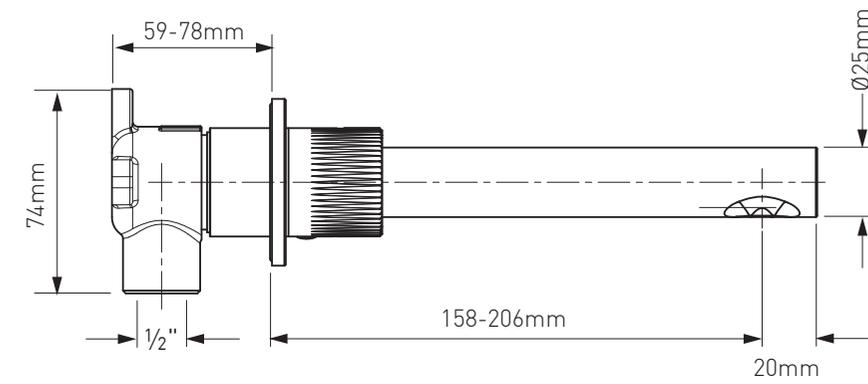


Valve body with mortar guards

Shroud with seal

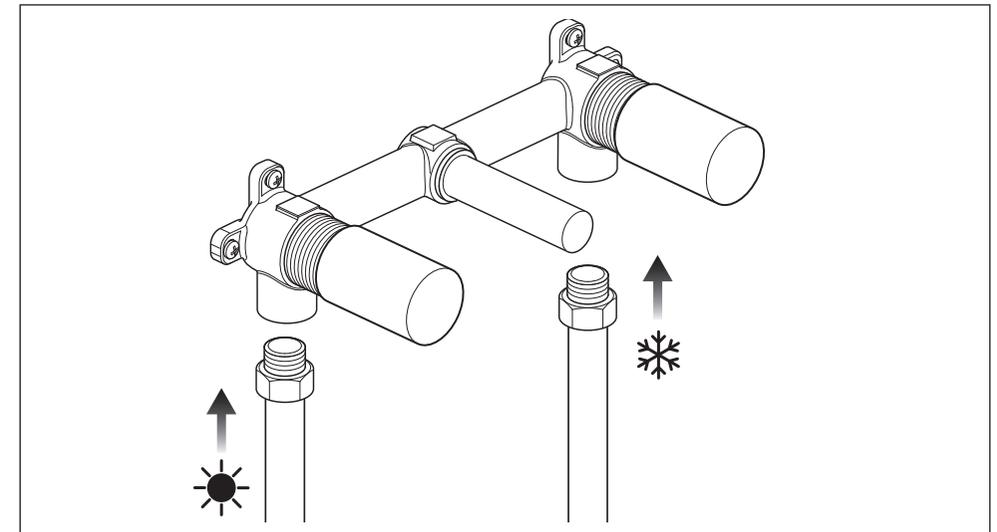
Spout

## Dimensions

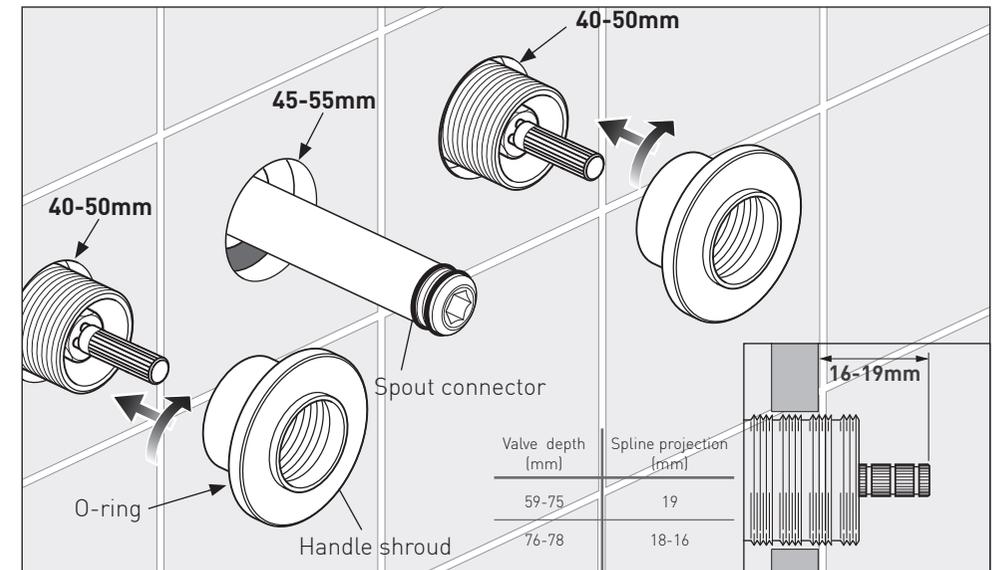


Desired Spout Projection (mm)	Valve Depth (mm)
158	78
177	59
178-206	59-78

## Installation

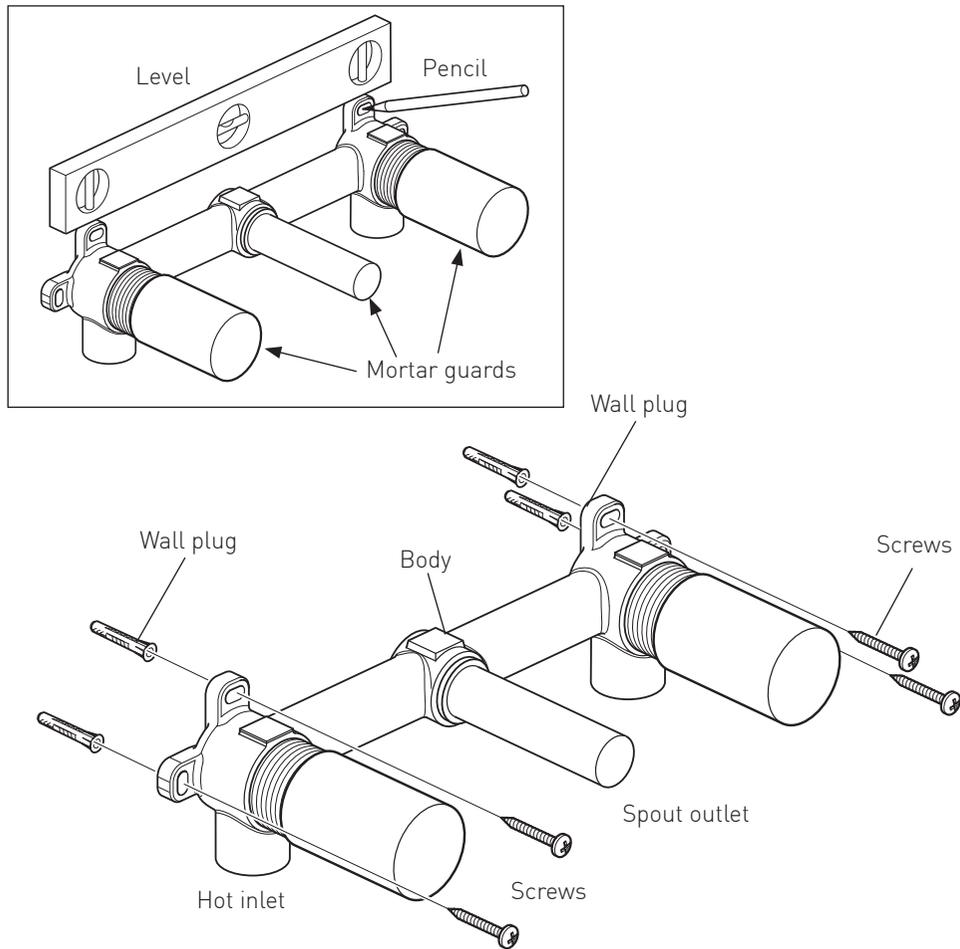


Make all connections to the valve. Connect hot supply to the left inlet and cold supply to the right inlet. Before completing the wall finish, turn water supply on, check the leak tightness and function of the fitting.



Finish the wall, tile up to the mortar guards. When complete remove the mortar guards. Make sure the o-rings are in place in the back of the shrouds. Screw on each handle shroud until the o-ring touches the wall. The cartridge splines should be 16-19mm (consult above table) from the finished wall, cutting them down may be required. Cut using a hacksaw, remove any burrs.

## Installation



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

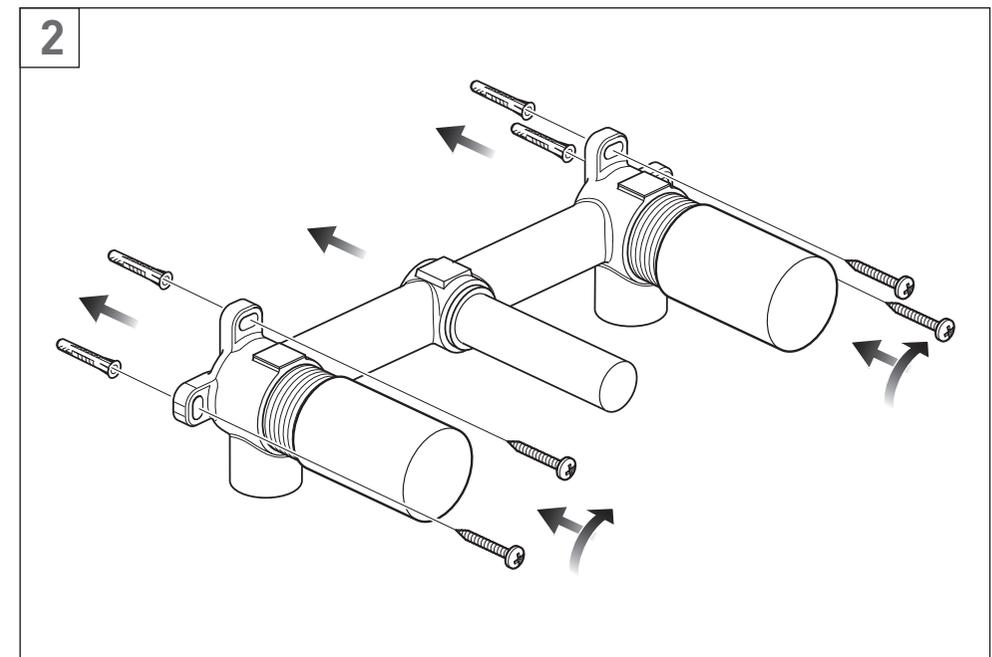
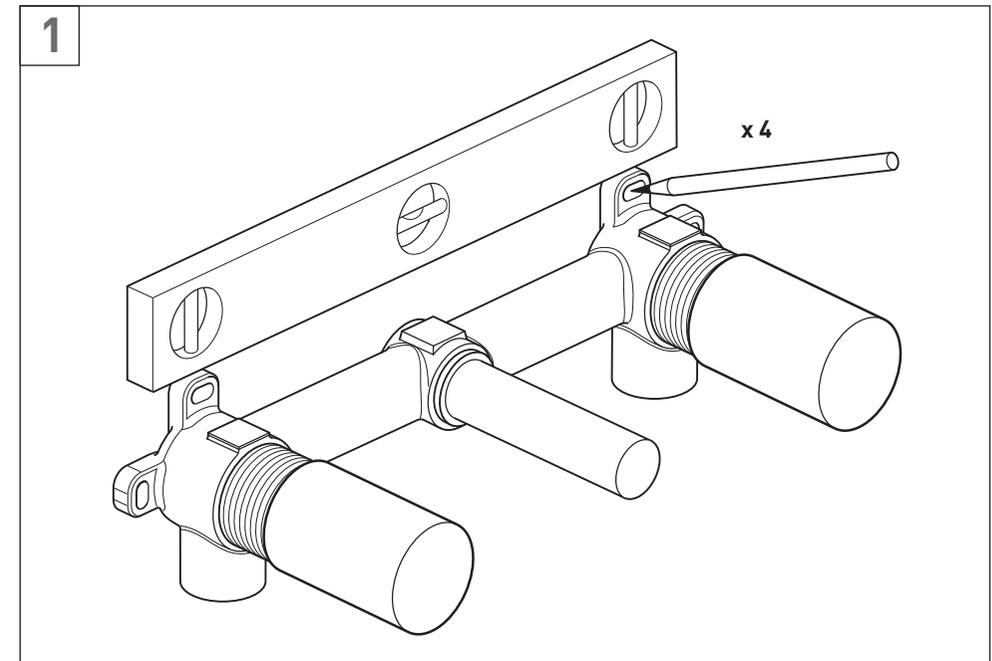
Before installing your new mixer, flush through pipe work to ensure removal of debris, turn off the water supply.

The valve must be set into the wall (59mm min - 78mm max).

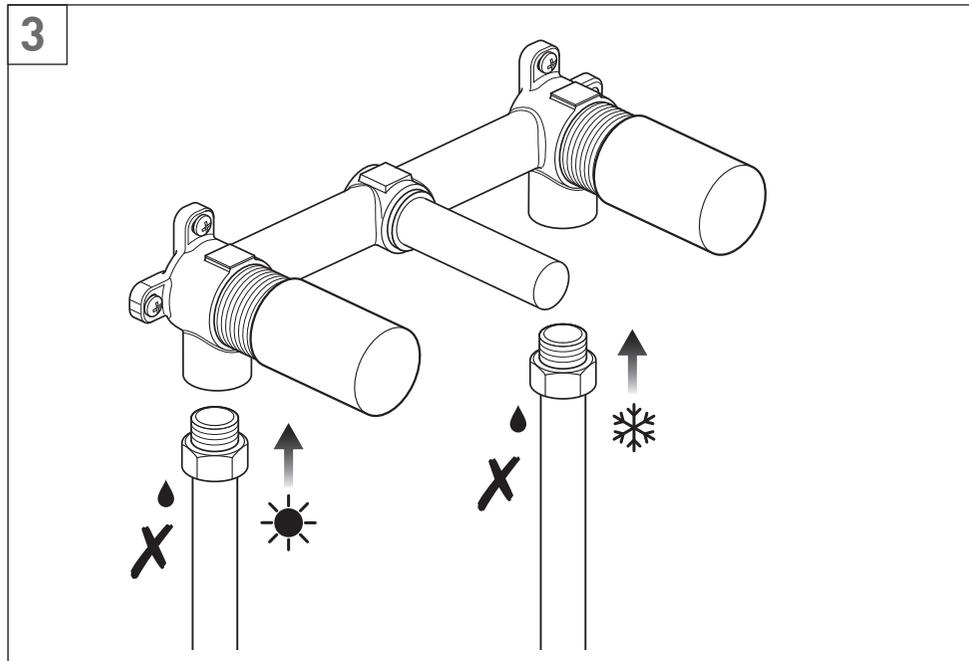
Decide on the desired spout projection. If the distance is 158mm to 177mm install the shrouds accordingly. If the desired spout projection is 178mm+ the spout will need to be installed further down the spigot.

Offer the valve up to the wall making sure it is level, mark the four wall fixing positions and secure using suitable fixings. If you are fitting to a partition wall or a wall of particularly soft substrate you will need specialist fixings.

## Installation - Quick guide



# Installation - Quick guide



# Installation - Quick guide

