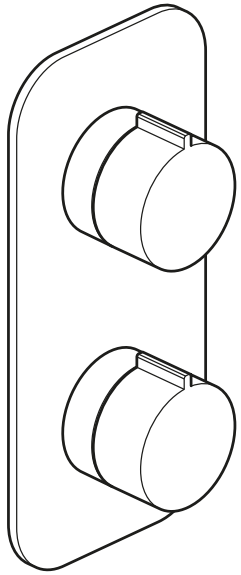
INDIVIDUAL
by VADO



ALTITUDE

1 way thermostatic shower valve

—

INSTALLATION GUIDE

VADO
Wedmore Road, Cheddar,
Somerset, England BS27 3EB
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www.vado.com
sales@vado.com

Version 1, 1-6-2021

INDIVIDUAL
by VADO

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.

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 for details) or the Water Regulations Advisory Scheme by email (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.

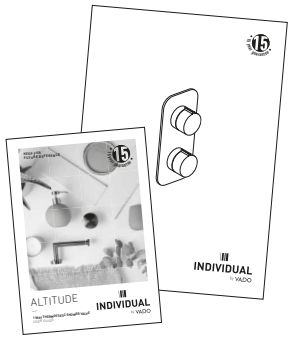
Operating Specifications

Operating Pressure

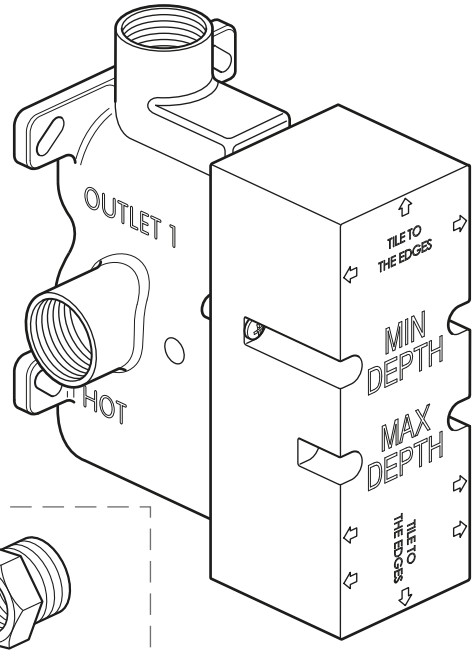
Minimum operating pressure **0.2 bar** (**1 bar** if used as a bath fill)

Maximum operating pressure **5 bar**

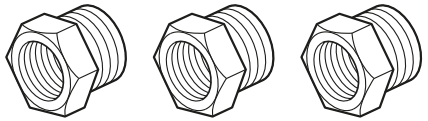
Contents of Packaging



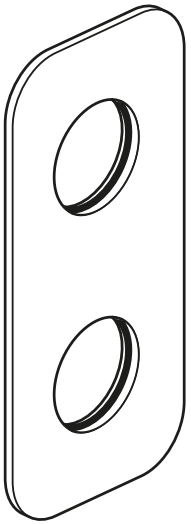
Installation guide & User manual



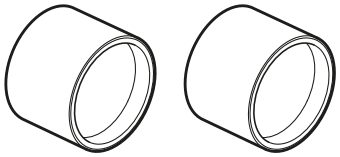
Valve with mortar cover



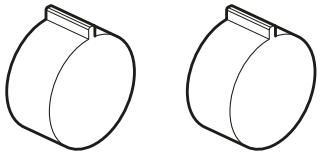
Adaptors ¾" to ½" x 3



Cover plate



Shrouds x 2

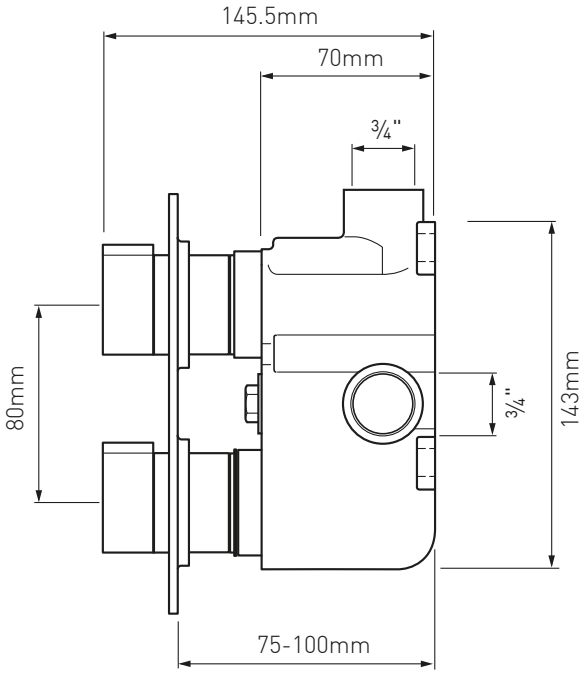


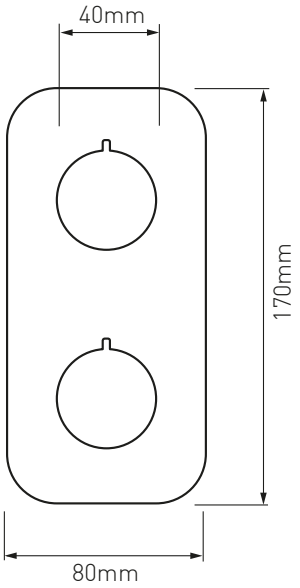
Handles x 2

Rubber caps x 2

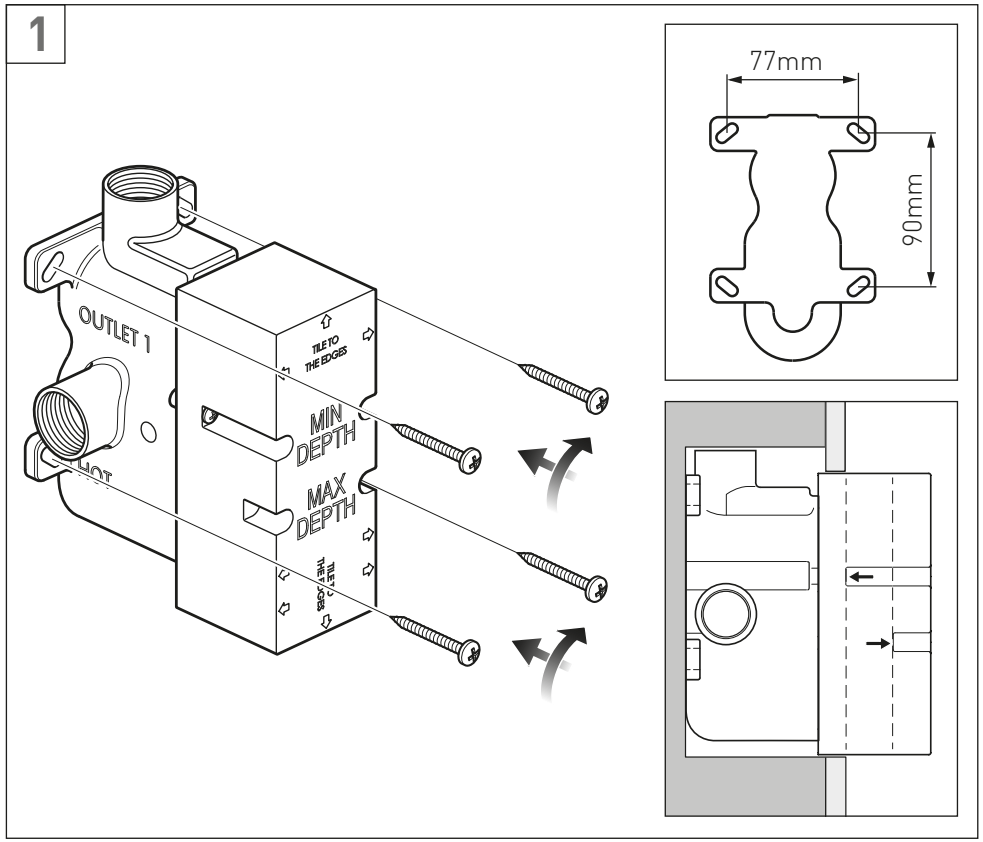
Hex key

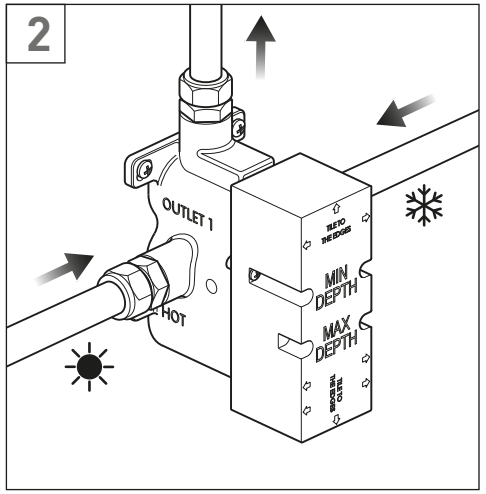
Dimensions

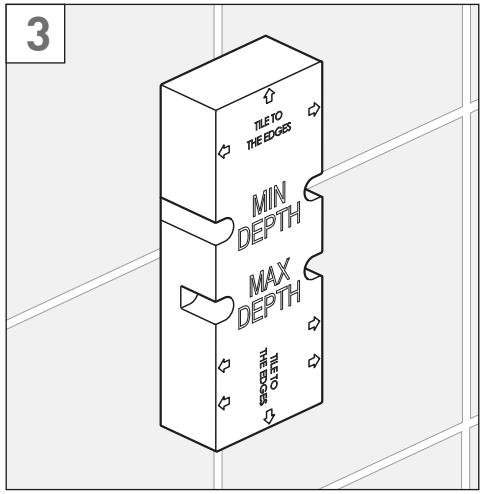




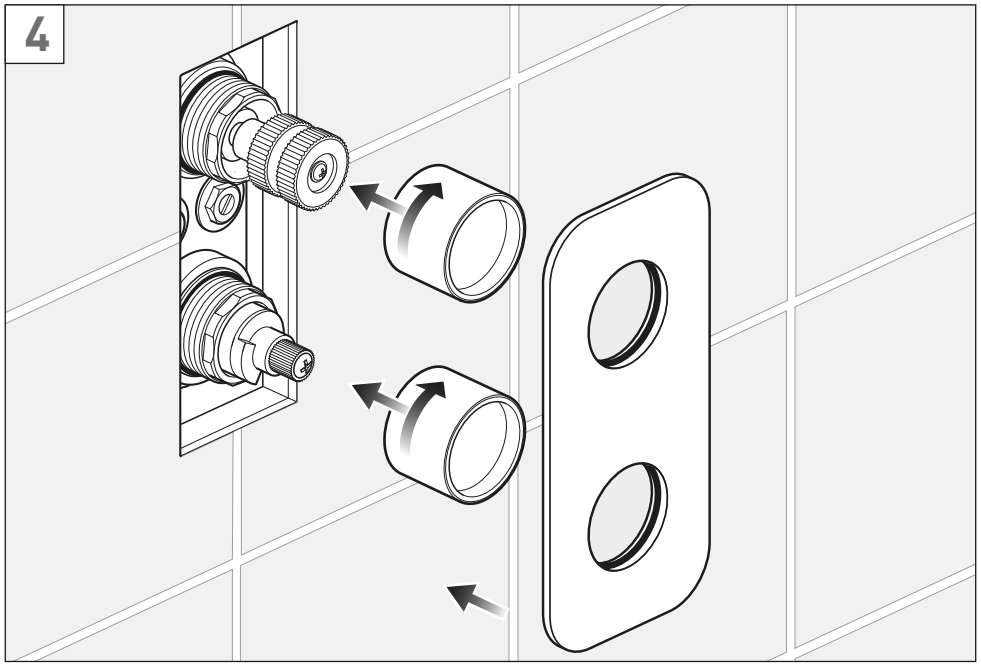
Installation - Quick guide

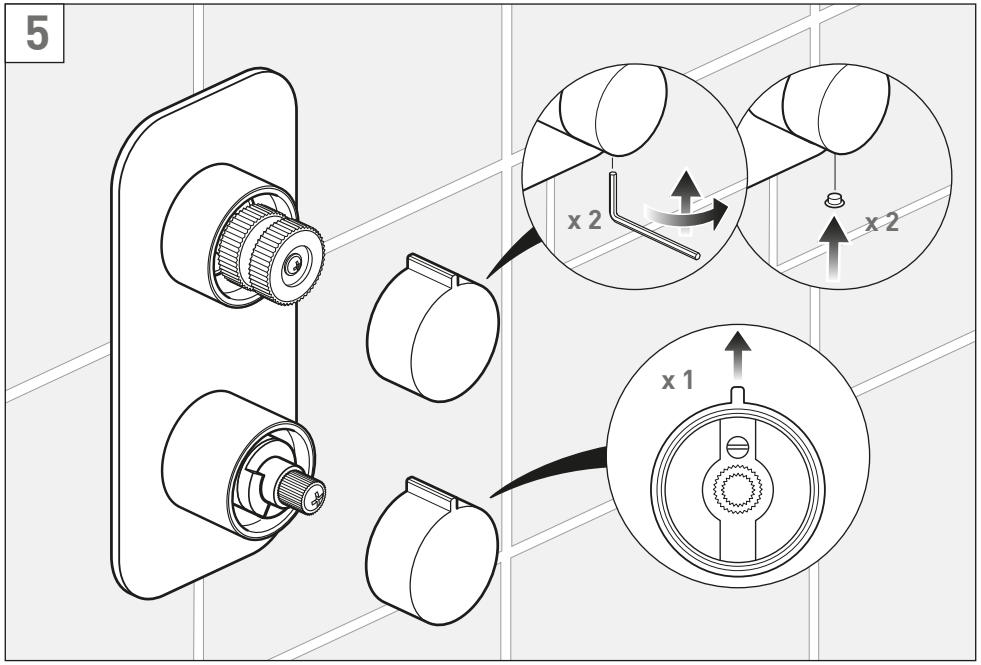




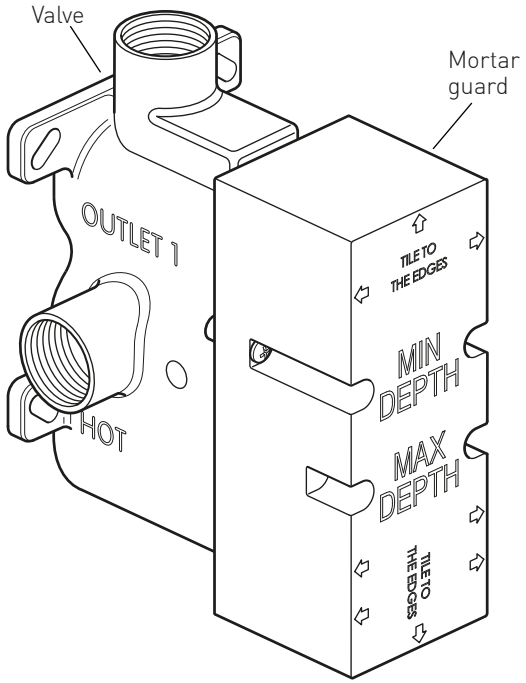


Installation - Quick guide





Installation

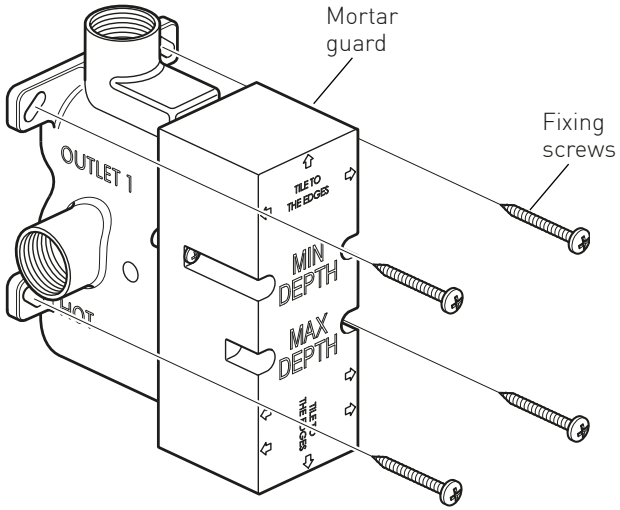


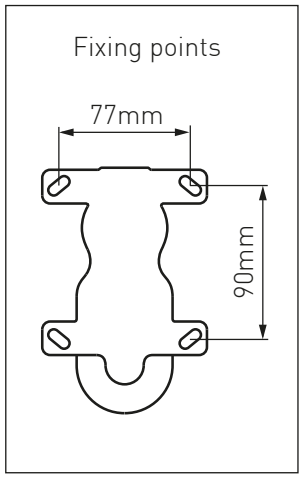
Rinse pipe work thoroughly before fitting the valve.

⚠ **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.

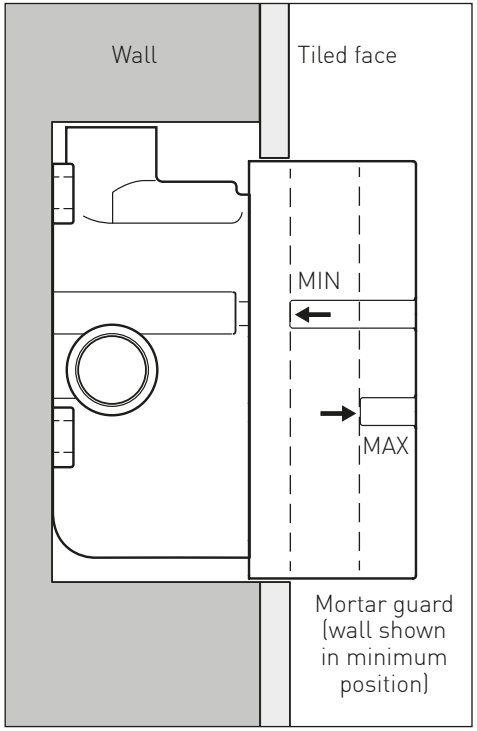
Mortar guard
During and after installation protect the outer parts by leaving the mortar guard on the valve to avoid damage to plated surfaces.

Installation



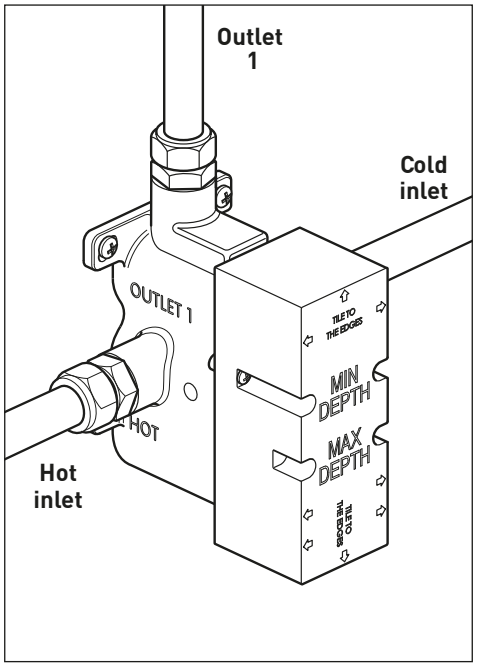


Select the position for the shower valve and offer the shower valve to the wall, make sure the valve is vertical with a level and mark the 4 fixing points with a suitable pencil, see above right for dimensions. Remove the shower valve from the wall, drill the holes to a suitable depth for the wall plugs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



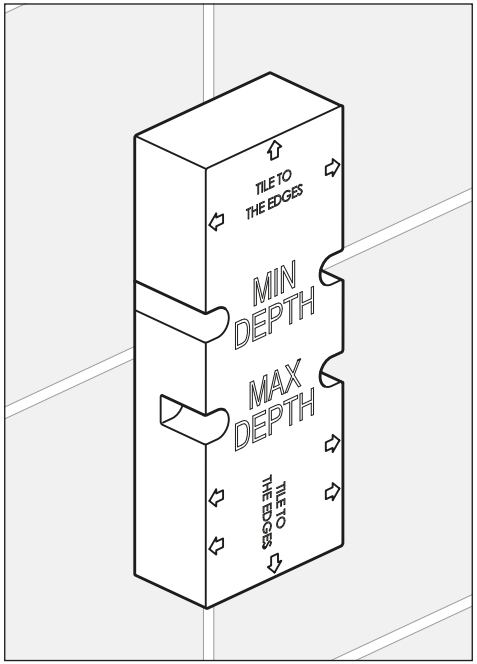
Installation

Connect hot supply to the lower left inlet of the valve and cold supply to the lower right inlet.
Connect the outlet to the desired channel e.g. shower or handset.

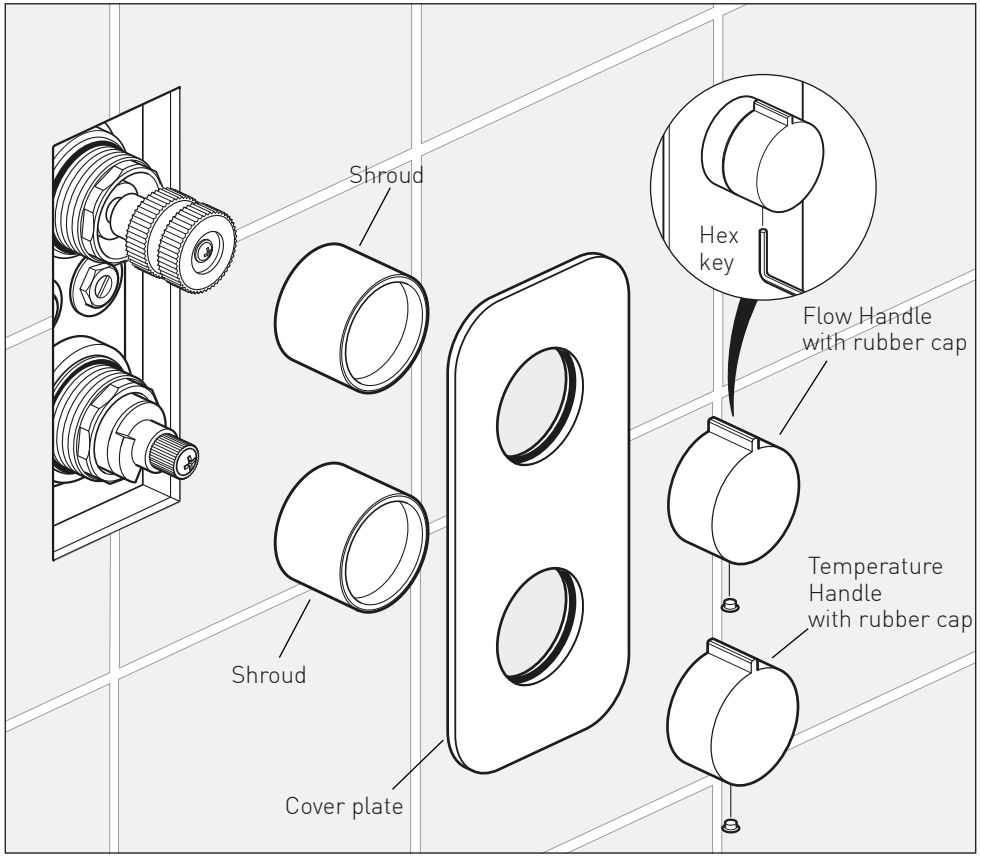


Finish the wall by tiling up to the mortar guard, keep the final finished wall surface between the min and max marks.
Unscrew the 2 mortar guard screws and remove from the wall.

Your valve is now ready to be commissioned.
Please refer to page 11 to ensure your valve is calibrated.



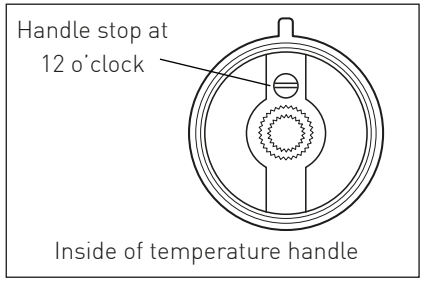
Installation



Screw the shrouds onto the valve.
Guide the cover plate over the shrouds and up to the wall being careful not to dislodge or damage the seal. Apply a thin bead of silicone around the outside to seal against the tiled surface.

Temperature handle (bottom)
Ensure the temperature handle is correctly located with the handle stop at 12 o'clock (see right). Carefully slide the handle on the splines, secure with the grub screw and insert rubber cap in hole.

Flow handles (top)
With the handle pointing up in the off position carefully slide onto the splines, secure with the grub screw and insert rubber cap in hole.



Temperature commissioning

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.
NOTE: temperature readings should be taken at normal flow rate after allowing for the system to stabilise.

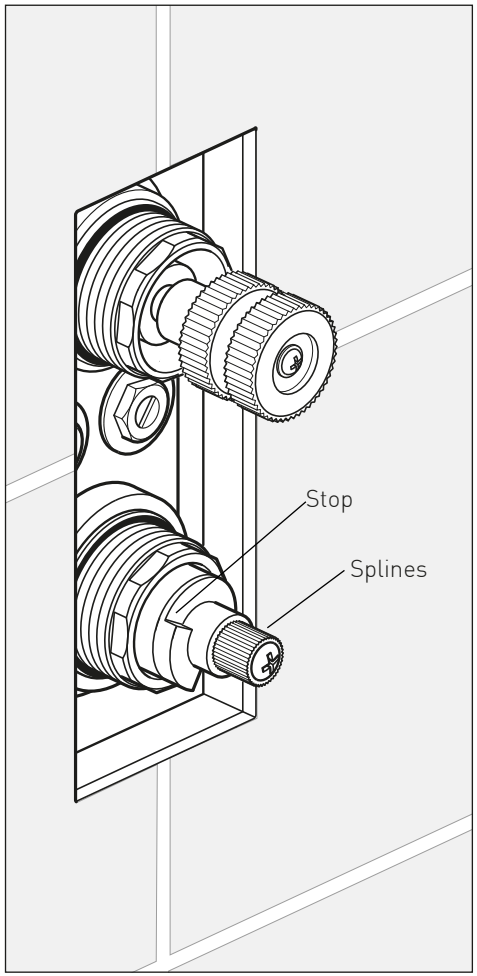
2. If the temperature is not 38° proceed to reset the calibration as follows:

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 10 o'clock.

When the handle is attached (see page 10) ensure the temperature does not exceed 46° when turned entirely anti-clockwise.

Your valve setting is now commissioned.



Guarantee

All VADO products come with a 2 year guarantee as standard. Within this guarantee period VADO will provide replacement parts and any labour **[SEE NOTE 1]** needed to complete the product repair.
This standard guarantee may be extended by registering your product to give the following guarantee periods, once registered:
Brassware products from the Individual by VADO collection have a 15 year guarantee (2 years parts and labour plus 13 years parts only).
VADO Sensori SmartTouch and SmartDial products have a 5 year guarantee (parts and labour).
VADO Identity and i-tech products have a 5 year guarantee (2 years parts and labour plus 3 years parts only).
All other VADO products have a 3 year guarantee (2 years parts and labour plus 1 year parts only)
[SEE NOTE 2].

Guarantee Conditions

Our products are guaranteed against manufacturing defects from the date of purchase until the expiry of the relevant guarantee period shown above.
The guarantee is only valid if:
•The product has been installed, used and maintained in accordance with VADO's instructions and subjected to normal use only.
•The defect is not due to use of an unsuitable or inadequate water or power supply.
•The defect is not due to accident, misuse, neglect or incorrect/inappropriate repair (other than by VADO or VADO authorised agents) or damage caused by foreign objects or substances.
•The extended guarantee is only available if you have completed the Guarantee Registration Process.
This can be done via the VADO website or via phone to our aftersales team.
Registration must be completed within 6 months from date of purchase.
Under the extended guarantee period VADO will, at its option, offer to supply any replacement product (or component part) assessed to be defective **[SEE NOTE 3]**.
The guarantee (whether standard or extended) is non-transferable to any subsequent owner.
All claims under the guarantee should be notified in the first instance to our Aftersales department, contact details below, this must be done no later than the last day of the relevant guarantee period.
All claims must be accompanied by proof of purchase (sales receipt or delivery note) from an official VADO dealer.
The guarantee does not extend to any consequential loss or damage.
After repair or replacement, the relevant guarantee period will be calculated from the original date of purchase.
VADO operates a policy of continuous product development and therefore reserves the right to change the product, packaging and documentation specifications without notice. E&OE.

NOTES:

[1] Labour via our engineer network is only available in the UK. Attendance by a VADO engineer or sub-contract engineer will be under our standard terms and conditions.
[2] VADO spare parts and shower hoses are under a parts only guarantee.
[3] VADO reserves the right to charge in advance for a product (or replacement part) pending collection and investigation (at VADO expense) to confirm a defect is due to a manufacturing issue.
If a defect is found the charge will be refunded or cancelled.
This guarantee is in addition to and does not affect your statutory rights as a consumer.

Tel: 01934 745163
Email: aftersales@vado.com

ALTITUDE

1 WAY THERMOSTATIC SHOWER VALVE
USER GUIDE

INDIVIDUAL
by VADO

Welcome

Thank you for selecting Individual by VADO.

Each timeless finish has been tailored to inspire your individual style, ready for you to create a contemporary look that will stand the test of time.

Coupled with our leading 15 year guarantee, this premium product has passed through stringent quality assurance processes to allow you to complete your look with confidence.

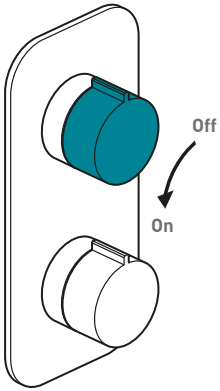
Our outstanding customer service, large scale development support and prestigious project history has ensured a globally trusted reputation. For any technical or operation queries, please contact our experienced Aftersales team on 01934 745 163.

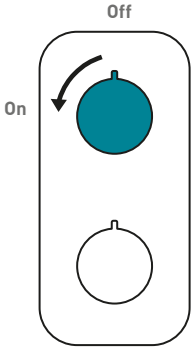
VADO, Wedmore Road, Cheddar, Somerset, England BS27 3EB
tel 01934 744466. fax 01934 744345
aftersales@vado.com
www.vado.com

Cleaning instructions:

The physical vapor deposition coating on this product is finished to the highest standard. Due care needs to be taken to ensure the appearance is retained. We recommend cleaning all products with a soft damp cloth ONLY and advise strongly against the use of all aggressive/corrosive cleaning products i.e. powders and liquids. If these instructions are not followed, this may invalidate your guarantee in the event of a problem occurring.

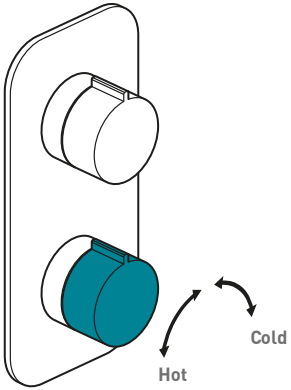
Operation - flow control

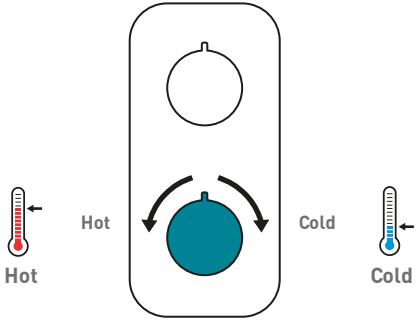




Turning the flow control handle in the direction of the arrow increases the flow of water to the outlet.

Operation - temperature control



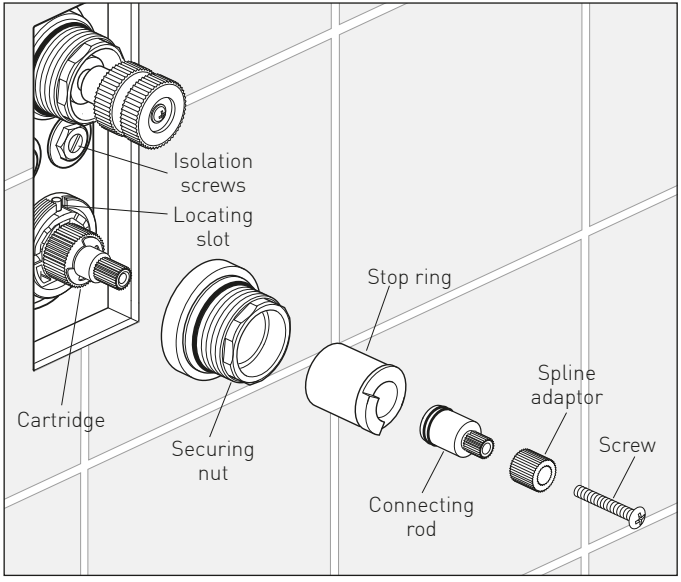


Turning the temperature control handle in the direction of the arrows increases/decreases the temperature

Maintenance

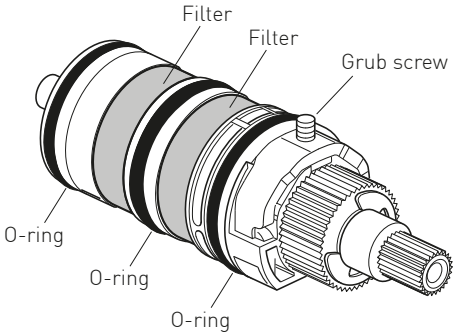
We advise that the below is carried out annually as failure to do so may result in invalidation of warranty.
Shut off the water supply to both hot and cold inlets, before commencing any maintenance work below.
See isolation procedure on page 9.

Thermostatic cartridge
This thermostatic valve is fitted with a single filtering facility. Filters are fitted on the thermostatic cartridge. Depending on the water quality, filters may become dirty, causing reduced flow and inefficient working of the valve. To clean the filters, you must first remove the cartridge from the housing.



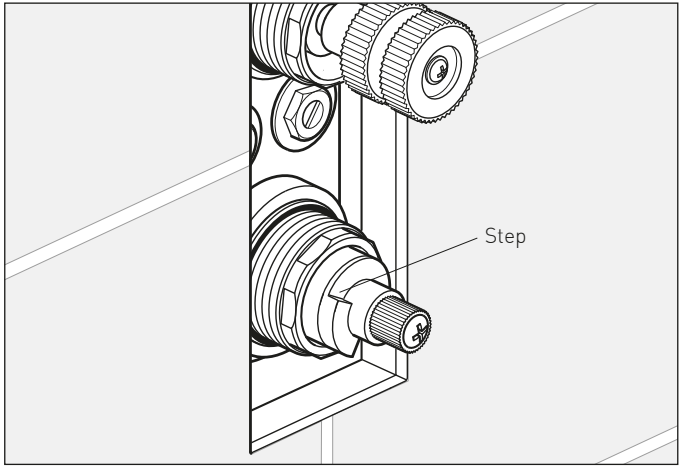
Maintenance

Removing the Cartridge
1. Remove handle assemblies and faceplate allowing access to the isolation points on the valve.
2. Screw down the isolation screws clockwise until you feel resistance (taking care not to over tighten). Ensure the thermostatic valve has been successfully isolated.
See page 9 for correct procedure.
3. Remove the screw, spline adaptor, connecting rod and stop ring.
4. Unscrew and remove the securing nut.
5. Carefully pull out the thermostatic cartridge.
6. Clean filters by rinsing them under running water to remove any debris.
7. If there is limescale deposits then it is recommended to immerse the cartridge for a few minutes in 50% white vinegar + 50% hot water, brush the filters gently and then rinse under running water to clean all particles. If this is not effective, a replacement cartridge should be fitted.



Maintenance

8. Before reassembling the cartridge, clean its housing with a wet cloth and grease the O-rings using a suitable silicone grease, insert the thermostatic cartridge to the valve body ensuring the grub screw is aligned with the slot.
9. Screw the securing nut on and tighten.
10. Place the temperature stop ring on the cartridge so the step is located at 10 o'clock.
11. Place the connecting rod, spline adaptor and screw back onto the cartridge.
12. Turn the water supply on via the isolating valves.
13. Check the water temperature to ensure correct commissioning.
See page 11 of the installation instructions or Vado.com for commissioning.
11. Replace handle assemblies and faceplate.



Maintenance

Isolation procedure
IMPORTANT: Please see the below procedure for isolating this thermostatic valve.
1. Remove handles/faceplate and trim parts allowing access to the isolation points on the valve.
2. Screw down the isolation screws clockwise until you feel a resistance (taking care not to over tighten).
3. Turn shower on to check isolation, please ensure that your body/hands are not under the flow of water as there is a potential for delivery of hot water.
4. Remove temperature stop ring (essential).
5. With shower in the on position, replace temperature handle on thermostatic valve (ensure temperature stop ring has been removed).
6. Turn temp handle fully anti clockwise until stop point is reached and can be turned no further, please ensure that your body/hands are not under the flow of water as there is potential for delivery of hot water if isolation has been unsuccessful.
7. Turn temperature handle fully clockwise until resistance is felt.
8. If there is no flow of water coming from the outlet during both points 6 and 7 isolation has been successful, you may now remove and maintain the cartridge.
9. If at any of the above points water continues to flow please isolate at an alternative point within the system for both hot and cold and repeat points 3-9.

Notes:

Notes