Customer/technical services

For any technical or installation queries please contact Vado on 01934 745163.

Guarantee

This product is guaranteed against manufacturing defects from the date of purchase until the expiry of the relevant guarantee period shown below.

The guarantee is only valid if:-

1. The product has been installed, used and maintained in accordance with Vado's instructions and subjected to normal use only.

2. The defect is not due to use of an unsuitable or inadequate water or power supply.

3. The defect is not due to accident, misuse, neglect or repair other than by Vado or Vado authorised agents or damage caused by foreign objects or substances.

4. We have received from you the completed Guarantee Registration Form. Vado accepts no responsibility for any forms lost in the post and returns by registered means is therefore recommended.

Under this guarantee (which is non-transferable) Vado will, at its option, repair or replace free of charge any product (or replacement part) found to be defective. 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.

The relevant guarantee periods are:-

1. Twelve years on chrome finish products.

2. Six years on Vado Identity products.

3. Three years on all other products with the exception of Stuart Turner Pumps which carry a 2 year Guarantee on Monsoon Range and 1 Year Guarantee on Showermate Range.

All claims under the guarantee must be submitted in writing to the person who supplied the product to you and must be received 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).

Vado operates a policy of continuous product development and therefore reserves the right to change the product, packaging and documentation specifications without notice.

This guarantee is in addition to and does not affect your statutory rights as a consumer.

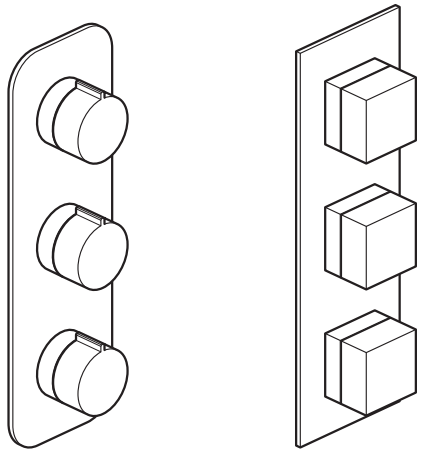
Vado
Wedmore Road, Cheddar, Somerset, England BS27 3EB
tel 01934 744466. fax 01934 744345
technical@vado-uk.com
www.vado-uk.com

GUARANTEE REGISTRATION

NAME							
ADDRESS							
		POSTCODE					
RETAILER							
ADDRESS							
		POSTCODE					
PURCHASE DATE		ARTICLE NUMBER		(SEE BOX)			
PRODUCT DESCRIPTION							
WHO INSTALLED THE PRODUCT?	RETAILER		PLUMBER		BUILDER		SELF
FOR VADO USE							

VADO

Installation & maintenance instructions



Altitude Notion

altitude notion

Concealed 3 handle - 2 way thermostatic shower valve with rectangular backplate, ¾"

Note: For illustrative purposes only altitude is shown throughout the instruction. Please follow the same procedure to install all the other shower valve.

Please leave these instructions with the customer

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 (UK:BS6700) Regulations.
We strongly recommend that you use a qualified and registered plumber.

General installation

Thermostatic Valves

This mixer valve is suitable for any water system. Where instantaneous heaters are used, the flow of hot water sufficient to start and go on burning must reach the minimum flow required – as specified by the heater manufacturer.
These fittings are mixing devices and therefore water supplies must be reasonably balanced.
Depending on the installation arrangement, additional WRC approved single valves may be required on each of the hot and cold inlets. Please contact your local water authority for more information.
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.
Operating pressures (on hot and cold line) should be kept as balanced as possible in order to assure optimum efficiency.
Note: When pressure is higher than 5 bar a pressure reducer is required to be fitted before the valve.
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

Hot Water Supply Temperature:

Maximum: 80° C
Minimum: 10° C higher than the maximum required mixed temperature (advise 65° C)

Operating Pressure

Maximum: 5 bar
Minimum: 0.2 bar (1 bar if used as a bath fill)

Installers/users notes

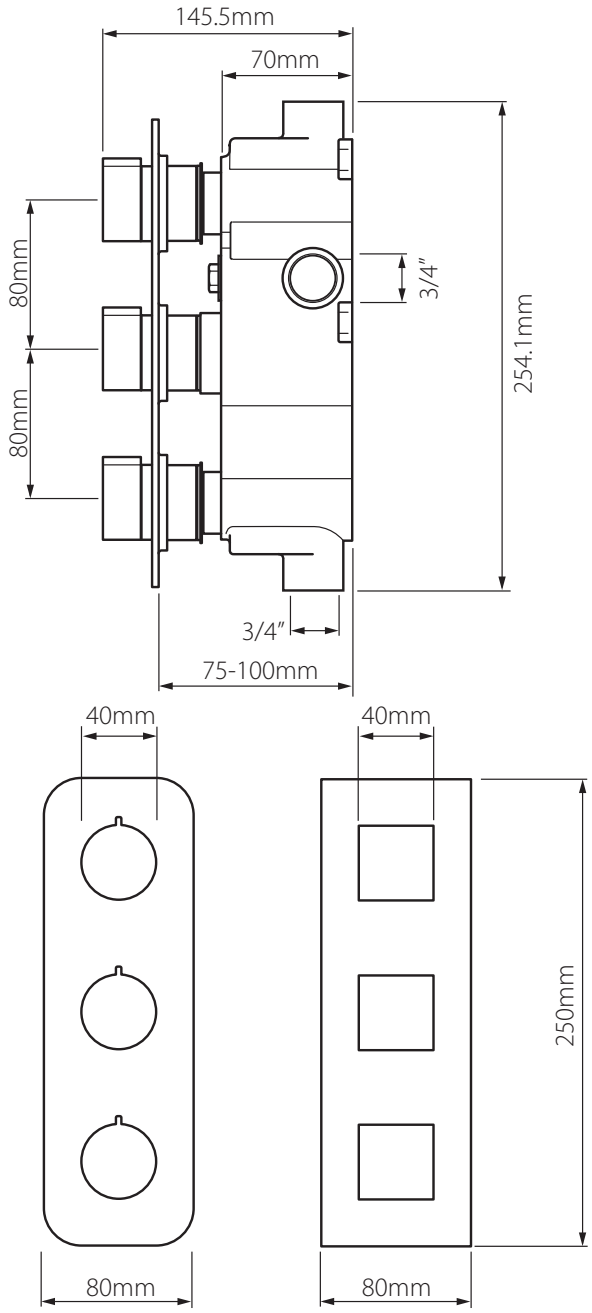
Care of the mixer

Our products are finished to the highest standard and due care needs to be taken to ensure their looks are retained.

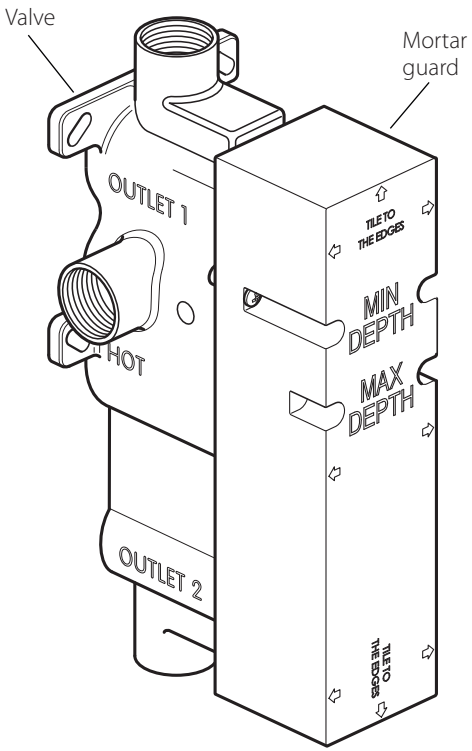
We recommend cleaning all products with a soft damp cloth ONLY and advise strongly against the use of ALL cleaning products i.e. powders and liquids.

If the above instructions are not followed this will invalidate your guarantee in the event of a problem occurring.

Dimensions



Installation - preparation



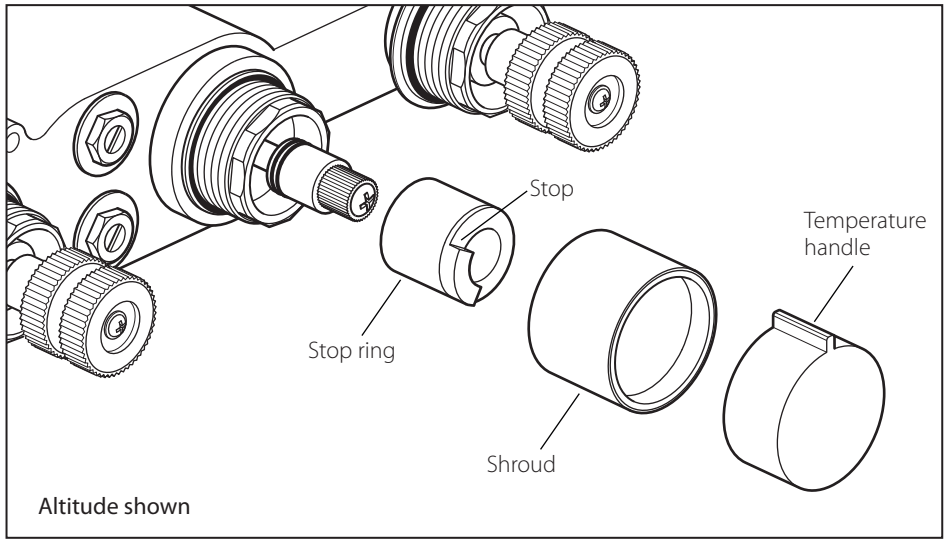
Rinse pipe work thoroughly before fitting the valve: do not allow dirt, metal particles or shavings to block the filters fitted on inlets.

⚠ **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.

Horizontal installation



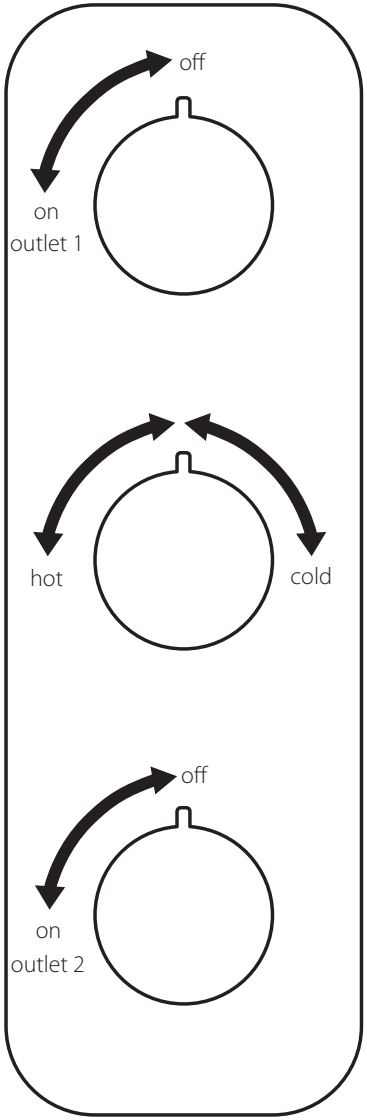
Altitude shown

If you are going to install the valve in the horizontal position you will need to rotate the stop ring as required

Pull out the black plastic stop ring turn 90° in the required direction until the stop is in the 10 o'clock position.

The valve will now need to be calibrated. Please follow the same procedure as page 6.

Operation

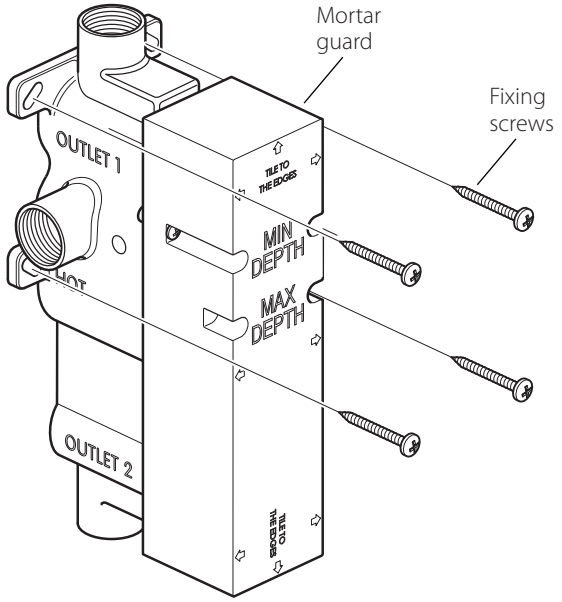


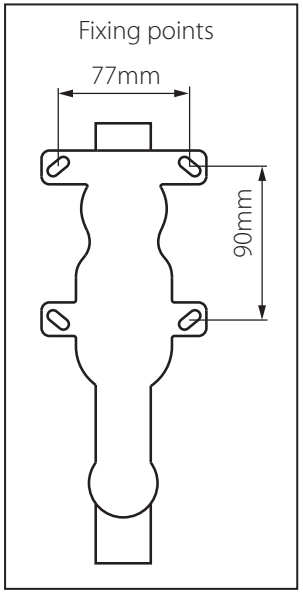
Turning the top handle controls the flow of water to the top outlet.

Turning the middle handle anti-clockwise will increase the water temperature.

Turning the lower handle controls the flow of water to the bottom outlet.

Installation



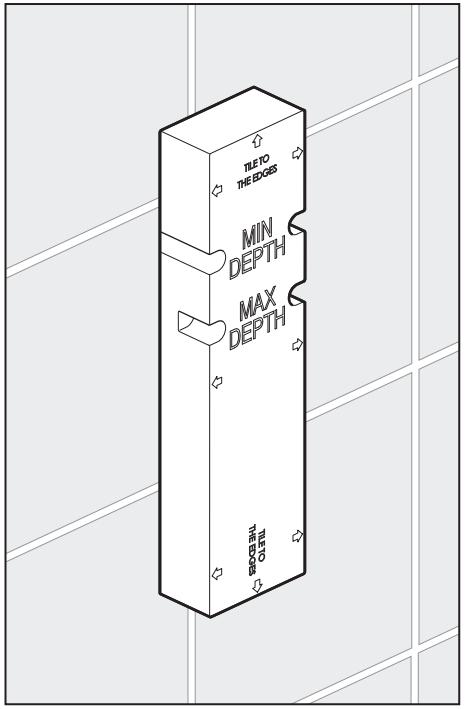


Select the position for the shower valve and offer the shower valve to the wall, make sure the valve is vertical with a level and mark the 4 fixing points with a suitable pencil, see above right for dimensions. Remove the shower valve from the wall, drill the holes to a suitable depth for the wall plugs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

Connect hot supply to the left inlet of the valve and cold supply to the right inlet. Connect the outlets to the desired channels e.g. outlet 1 to the shower and outlet 2 to the bath.

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.



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.

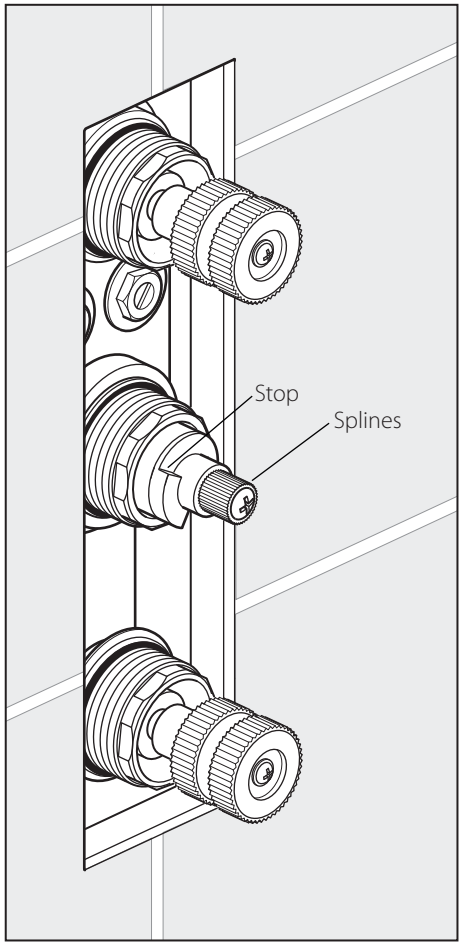
2. If the temperature is not 38° proceed to reset the calibration as follows:

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 10 o'clock.

When the handle is attached (see page 7) ensure the temperature does not exceed 46° when turned entirely anti-clockwise.

Your valve setting is now calibrated.

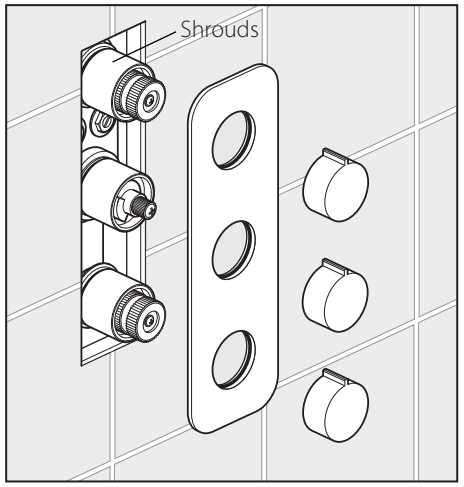


Installation - back plates and handles

Altitude

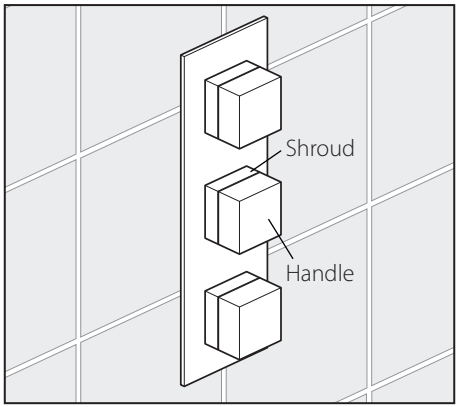
Screw the shrouds to the valve.
Slide the back plate over the valve being careful not to dislodge or damage the seal. Push the back plate up to the wall, apply a thin bead of silicone around the outside to seal against the tiled surface.

Place the handles on the splines and secure with the grub screws.



Notion

Screw the shroud assembly to the valve whilst holding the handle. Ensure the temperature handle is correctly located with the handle mark at 12 o'clock. Slide the back plate over the valve being careful not to dislodge or damage the seal. Push the back plate up to the wall, apply a thin bead of silicone around the outside to seal against the tiled surface.



Please note: if the handle/shroud assemblies do not align, remove the offset spline and replace the other way up.