

Uno Concealed Push Button Shower (2 Exit)

Warranty:

All Abode products are made using the highest quality materials and components, to ensure that they meet or exceed all UK or European Standards.

All products are thoroughly tested, and quality checked.

All products are backed with a comprehensive warranty and we are confident that they will give many years of trouble-free service.

The warranty applies to products used for normal domestic purposes and where the installation, care and maintenance instructions have been observed.

The warranty extends to the original purchaser only.

Details of Warranty duration and Terms & Conditions for each product type can be found on our website (www.abodedesigns.co.uk).

The logo for Abode, featuring the word "abode" in a lowercase, sans-serif font. The letter 'a' is stylized with a vertical line extending upwards from its top.

Please leave these instructions for your customer.

Installation Preparation:

All parts should be removed from their packaging and inspected for any transport damage and completeness prior to installation; you should read these instructions throughout before commencing installation.

We do not accept responsibility for problems that may occur through improper installation. Always ensure you have sufficient hot and cold water pressure available to allow correct function before specifying or installing this product.

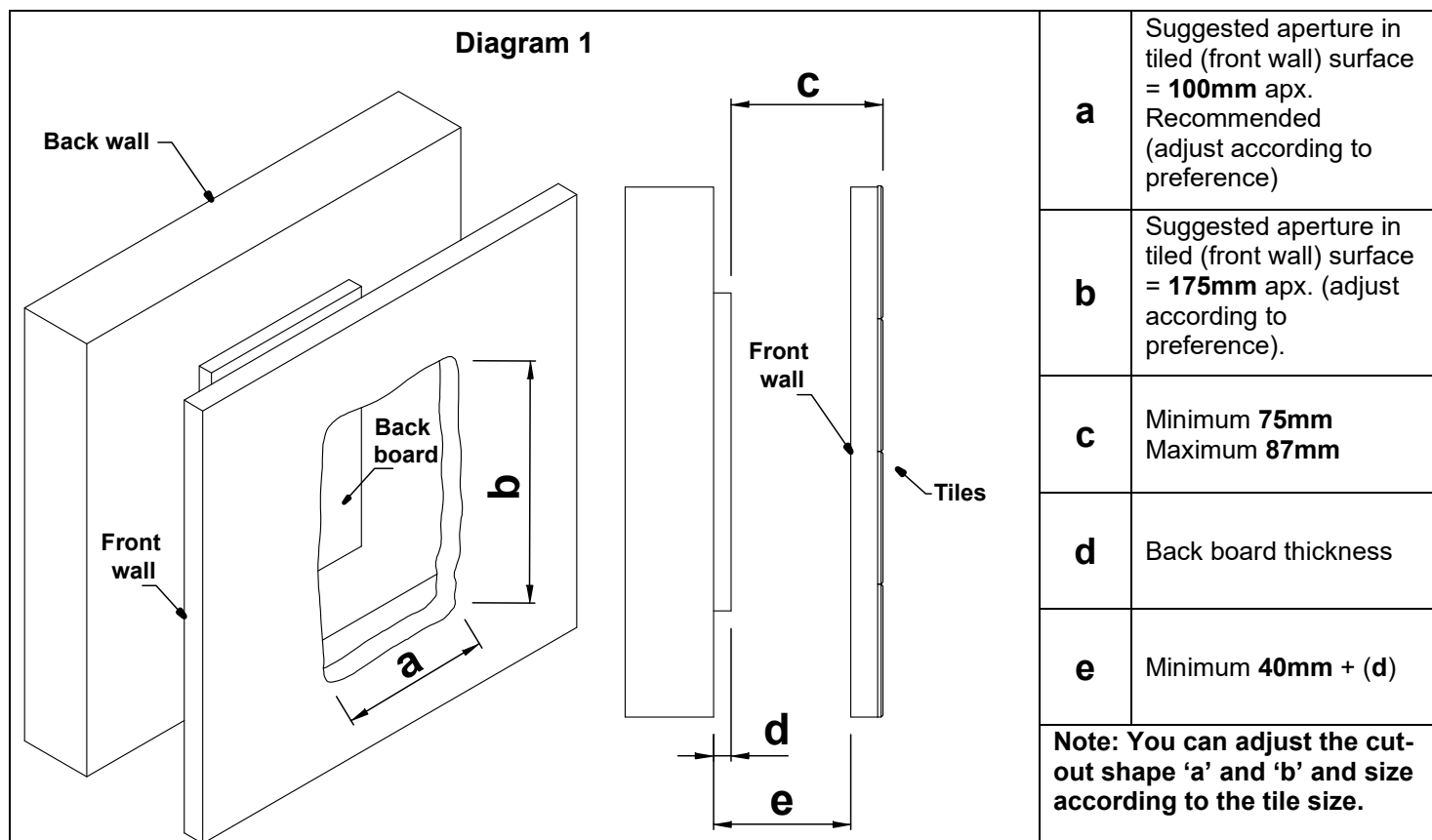
We strongly recommend installing particle filters and isolation valves to both the hot and cold feed pipes in an accessible position. This will help to prevent premature failure of the valves and ease any future maintenance.

Shut off your water heating system and ensure that your mains stopcock is closed. Ensure both the hot and cold water supplies are isolated before commencing installation.

1. Open the wall out to the required width and depth for the product and plumbing connections. If the rear wall surface is uneven or undesirable depth, then mount a level wood back board (B) to the wall to ease installation. The rear of the shower body (A) must be parallel with the finished wall surface.
 - All serviceable parts should be given suitable access to allow easy future maintenance.
 - When preparing the piping run to this shower, arrange the hot pipe to be received to the left hand inlet (F) when viewed from the front, as standard the outlets (H & I) will be above the shower body (A).

Note: Valve body inlets are with a red dot (left) and blue dot (right) and must be respected.

- You should ensure that both the product and required fittings will fit into the depth and area of the mounting surface available before installation. **Roughly assemble the product and plumbing connections to establish the required sizes 'a-e' below.**

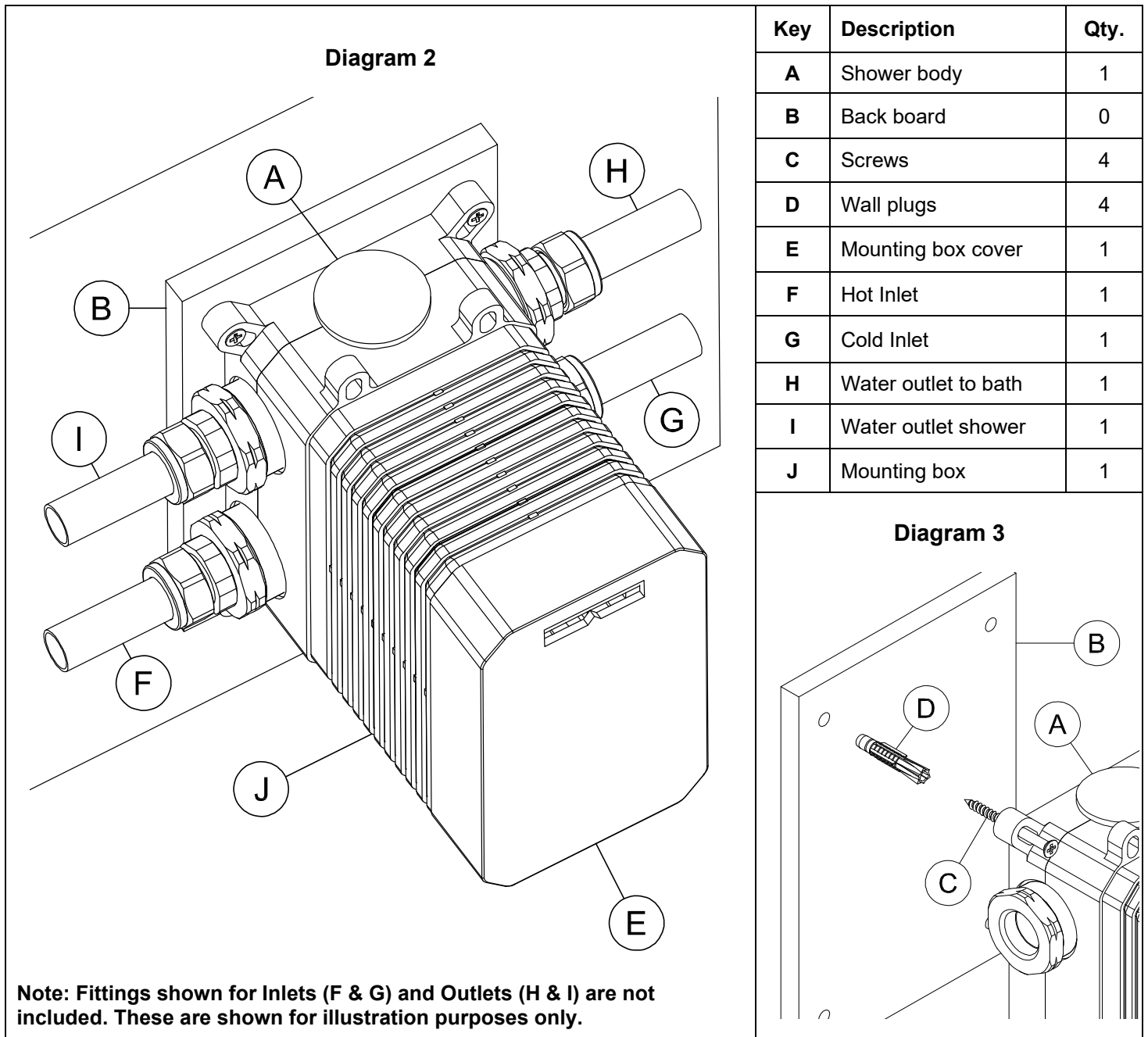


Important Note please read carefully

This thermostatic shower can be adjusted for different mounting depths.

The thermostat part of the valve is a fixed and has minimum depth requirement of **75mm** and a maximum **87mm**, this is from the back of the mounting box to the surface of your new tiles.

The push button diverters (P) have an adjustable height, how to adjust these is explained later on page 5.



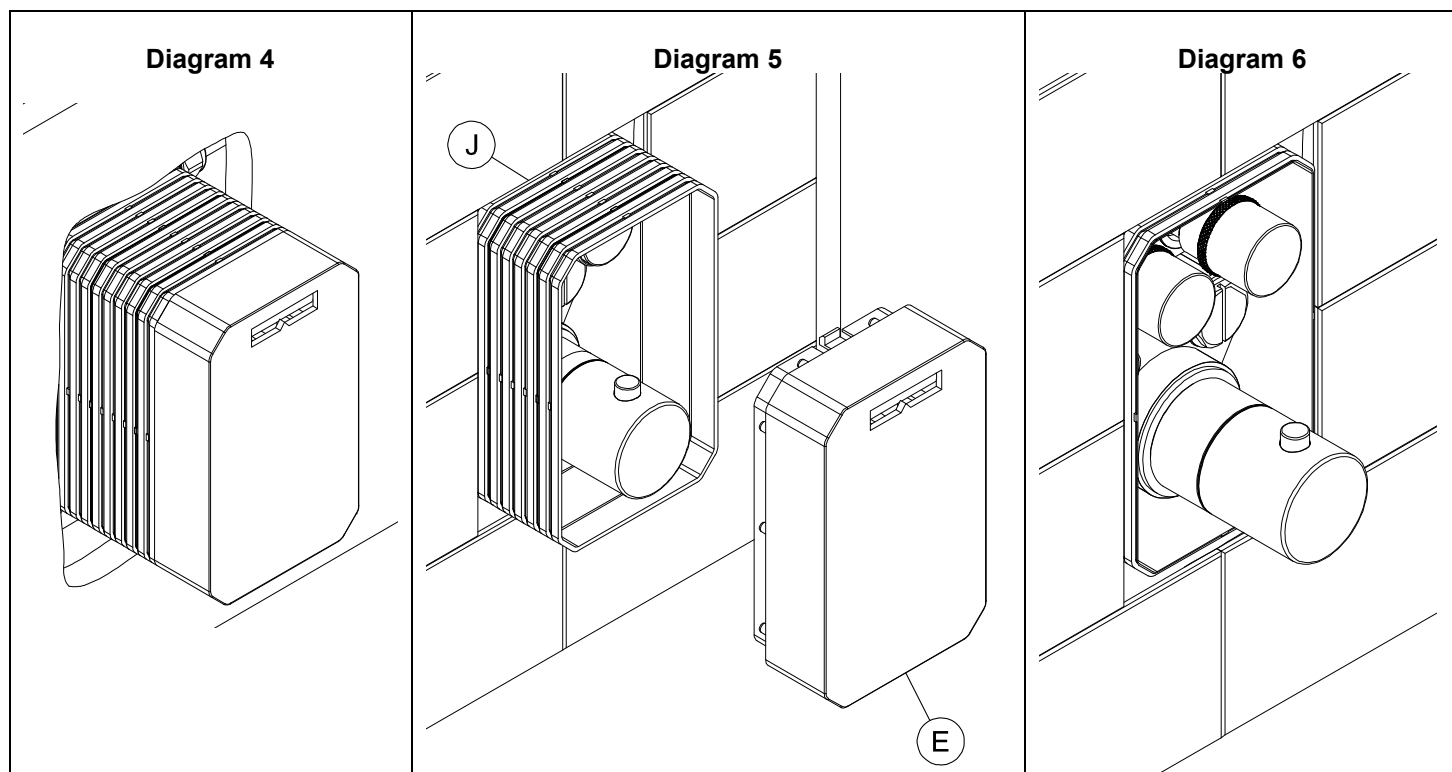
2. Fix inlet and outlet pipes securely to the wall using appropriate fixings. Inlet pipes should finish at the same height and be spaced as required.
 - Before installing the new shower, **it is essential that you thoroughly flush through the supply pipes** in order to remove any remaining solder, swarf or impurities from your system. Failure to carry out this simple procedure could cause problems or damage to the workings of the shower and invalidate the warranty.
3. Attach ½" x 15mm compression fittings (not supplied) to all inlets and outlets ensuring to use PTFE tape to ensure a watertight seal.
4. Place the shower body (A) onto the rear wall or back board (B), mark the fixing holes through the fixing lugs. Note: Use the spirit level on the mounting box cover (E) to make sure shower body (A) is fitted vertically as shown, and parallel to the front wall.
5. Fix shower body (A) to the rear wall or back board (B) using wall plugs (D) and screws (C) as shown in **diagram 3**.
6. Ensure the shower body (A) projects the required distance (**Diagram 1 'c'**) including any tile thickness to fit the shroud plate (K) before continuing.

Installation Guidance:

1. Attach the 15 mm hot and cold supplies pipes (**F**, **G**) to the 1/2" x 15mm inlet compression fitting adaptors as shown (Note these are not supplied).
2. Attach the 15mm outlet pipes for the shower (**I**) and the bath (**H**) to the respective water outlet connections of the shower body (**A**). Note: (**I**) = Shower, (**H**) = Bath. If installing two showerheads and no bath outlet connect the main shower to outlet (**I**).
3. Test the water tightness of all inlet and outlet pipes and connections before progressing with the installation.

Note: This is best done by temporally blocking the outlet pipes and turning the shower on.

4. Complete the installation of outlet pipes to any final fittings.
5. With the on/off valve(s) in the open position pressure test for leaks all recessed connections before continuing, add a temporary outlet if needed to check the valve for flow rate and temperature mix function.

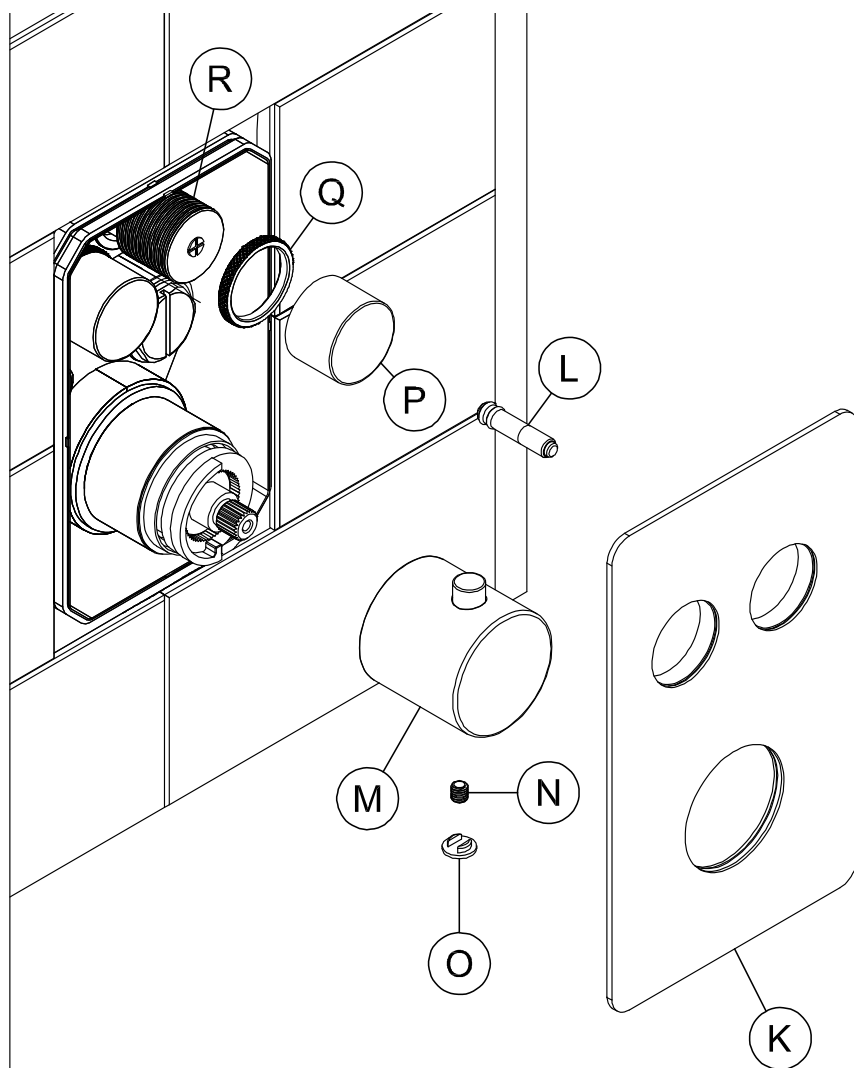


6. Make good the finished wall surface using tiles or similar, ensuring mounting box (**J**) and cover (**E**) are in place as shown in **Diagram 5** to protect decorative parts. The tiles must overlap the finished shroud plate (**K**) by at least 15mm on each side of the plate.

Note: Leave access to working parts for future maintenance. Ensure tile adhesive and grout are set before proceeding to next step.

7. Using an appropriate tool carefully cut around the mounting box (**J**) as shown in **Diagram 5** leaving the surface flush to the tiles.
8. Remove carefully cut section of mounting box (**J**) and cover (**E**) as shown in **Diagram 6**.

Diagram 7



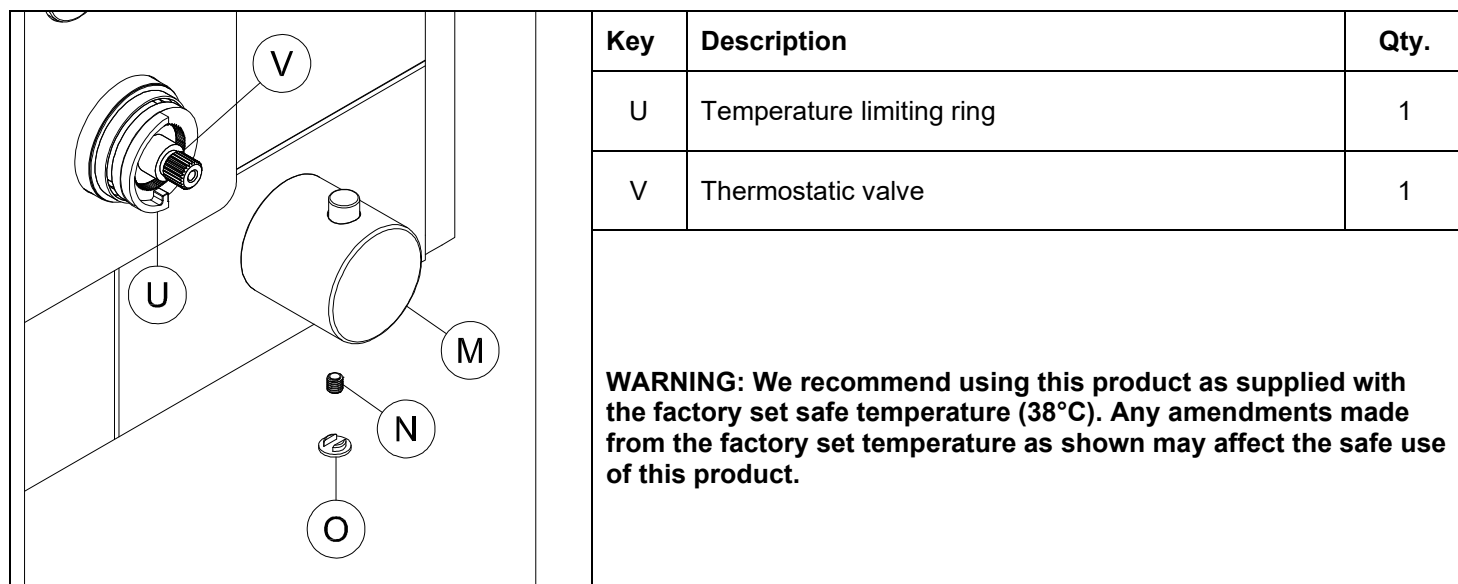
Key	Description	Qty.
K	Shroud plate (100 x 167)	1
L	Shroud stud	1
M	Thermostatic handle	1
N	Grub screw	1
O	Dust cap	1
P	Push button	2
Q	Knurled adjuster	2
R	Threaded valve cover	2

9. Remove thermostatic handle (M) by removing dust cap (O) and loosening grub screw (N) using a 2.5 mm Allen key.

Note: Push button (P) can be projected forward by a further 7mm if needed. To do this remove push button (P) by gripping knurled adjuster (Q) while simultaneously rotating push button (P) anti-clockwise. Once removed knurled adjuster (Q) can be adjusted further forward by rotating anti-clockwise. Once desired projection is achieved push button (P) can be screwed back onto threaded valve cover (R).

10. Screw shroud stud (L) onto the back of shroud plate (K) as shown.
11. Apply a continuous bead of sealant around the perimeter of the rear of shroud plate (K).
12. Carefully push the shroud plate (K) onto shower body (A) over the thermostatic valve cover flush to the finished wall.
13. Refit the thermostatic handle (M) back onto the valve following steps shown in point 9 in reverse order ensuring stop button is facing upwards as shown.
14. Watchfully seal around the finished tiled wall surface and shroud plate (K) to prevent water ingress into the wall.
Note take care not to apply sealant to parts of the shroud plate (K) that will be displayed, the shroud plate (K) can be temporally taped to the tiled wall whilst the sealant dries.

Thermostatic Handle Temperature Adjustment (optional stage):



1. Note the alignment white marks already on the brass and plastic sections of valve body. Using a marker pen mark the current position onto the limiting ring (U) adjacent to the black mark on the brass and section of the valve.
2. Remove handle (M) by removing dust cap (O) and loosening grub screw (N).
3. Pull temperature ring (V) away from shower body (A). Adjust the temperature ring (V) as desired.

Note: Adjust clockwise for hotter, anti-clockwise for colder.

4. Replace temperature ring (V) so that your newly made pen mark on the temperature ring (U) is adjacent to the white mark on the brass section of the valve.
5. Replace the handle (M), turn clockwise to reach the new stop position and then reassemble in reverse order.

After installation:

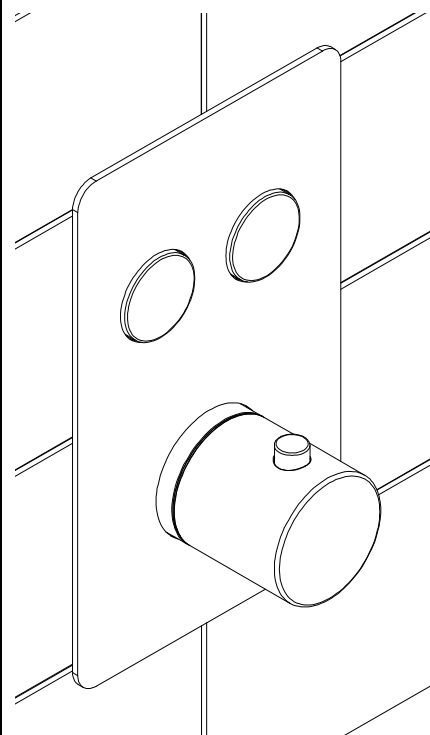
Once you have visually checked the installation of the new product and all connections, ensure that all other fittings are closed except the new product which should be left open. Turn on your water heating system and ensure that your mains stopcock is open. Reconnect both the hot and cold water supplies to this fitting.

Ensure all handles are firmly attached to shower valves by tightening any handle grub screws.

Check the function of flow and function of hot, cold and mixed water, where possible check the function of the thermostatic valve maximum temperature, and shut off function by interrupting the cold water source during use.

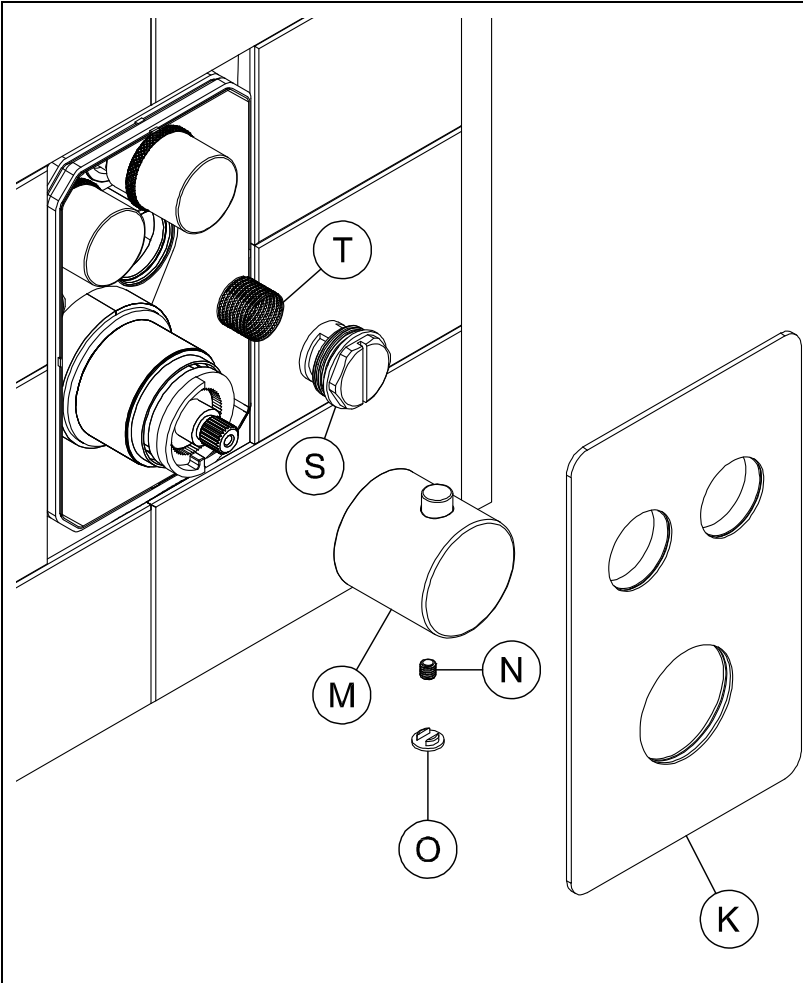
Turn off the product and check carefully for any leaks around all connections on the fitting and adjoining plumbing. If possible return to the installation after a longer period to double check for slower leaks. If pressure testing equipment is available check the installation to the maximum recommended pressure.

Clean the product to remove any marks created during installation as instructed, now cover the product to protect the finish until it is ready for use.



Maintenance:

Cleaning inlet mesh filters:



Key	Description	Qty.
S	Mesh filter caps	2
T	Inlet mesh filters	2

Ensure both the hot and cold water supplies are isolated before commencing cleaning.

1. Remove thermostatic handle (**M**) by removing dust cap (**O**) and loosening grub screw (**N**) using a 2.5 mm Allen key.
2. Carefully pull plate (**K**) away from wall. This will be siliconed in place and will need cutting first.
3. Remove inlet mesh filters (**T**) for cleaning by unscrewing caps (**S**) using a large flat head screwdriver.
4. Once cleaned assemble in reverse order making sure steps **12 – 14** are followed in the installation guidance section.

Ensure both the hot and cold water supplies are turned back on once complete.

Using This Product:

- The upper buttons controls exit 1 on and exit 2 on.
- The lower handle controls temperature and is operated clockwise on, the factory set maximum temperature is 38°C (models with stop button) this can be overridden to a maximum of 42°C with the button depressed.

Important Technical Data:

- Minimum operating pressure 0.5 bar
- Maximum operating pressure 5 bar*
- Maximum cold water temperature 25°C
- Minimum hot water temperature 60°C
- Maximum recommended hot water temperature 70°C
- Factory default maximum 'safe zone' output temperature 41-42°C

*Note: If these pressures are exceeded, even for short periods, damage can result. In these instances a pressure reducing valve should be installed.

The incoming hot water temperature must be a minimum of 10°C above the outgoing water temperature to ensure the correct function of the thermostatic cut off.

All thermostatic products should be tested and cleaned at least once a year, inlet mesh particle filters should be periodically checked and cleaned to maintain flow. If access to mesh filters is not easy, then the filters should be omitted from the installation as shown and included in a more accessible position.

When drilling or preparing walls take care not to disturb existing water or electrical supplies that may be buried within the wall.

Supply pipes should maintain the maximum diameter until immediately before the fitting.

Hot and cold supply pressures should be as closely balanced as possible for best results. The differential between the hot and cold water supply temperatures should be sufficient to allow correct mixing function; the maximum hot / cold pressure differential ratio is 1.0 bar. Where pressures are greatly imbalanced flow restricting valves or pressure reducing valves should be installed on the supply with the greater incoming pressure.

Please ensure that your Abode product is fitted in accordance with Local Water Byelaws. Where hot and cold water mix within any product, then suitable non return valves should be installed to the hot and cold supplies to prevent backflow.

Whilst assembling this product take care not to accidentally loosen any screwed assemblies. PTFE tape can be used to ensure watertight joins on threaded connections, do not over tighten connections or allow pipes to be twisted or folded.

The installation should be periodically checked for damage, if the property is left unattended for a prolonged period we recommend isolating water supplies.

All errors and omissions excepted.

Manufacturers Reference
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abode

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