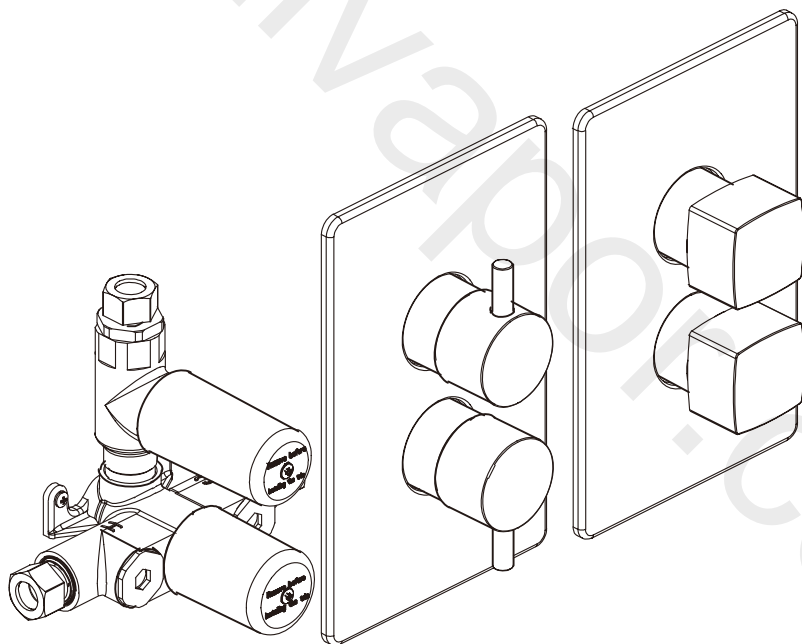


nabis

Concealed Thermostatic Shower Valve

Instructions



Product code:
A05042

Please keep these instructions for future reference.

Installation Requirements

It is important to ensure that the water supplies to your taps and mixers are connected in accordance with current Water Regulations and good plumbing practice.

It is Wolsley's recommendation and good plumbing practice that the supplies of hot and cold water to the products should be equal (balanced) pressures in order to provide a consistent flow. Supplies should be from a common source. Either mains or tank fed. If supplies are not equal pressures then non return valves should be fitted (not supplied). This product has been designed to function on all types of water of water systems.

Please note: if a pump is to be installed to boost gravity supplies please refer to the pump manufactures instructions.

The hot and cold inlets for any of the products are hot on the left and cold on the right when viewed from the front of the fitting. It is our recommendation and good plumbing practice that a service valve also should be installed up stream in the inlet supply lines.

Pipe Connections

IMPORTANT. Before making any inlet pipe connections all supplies MUST be thoroughly flushed to remove any debris. Failure to do so could result in damage or low flow from the fitting.

General Installation Notes

- Care must be taken during installation to prevent any risk of damage to the product or injury to installer.
- Installation must be carried out by a qualified and competent person and in accordance with the instructions supplied.
- Installations must comply with all Local and National Water Authority Regulations and Building/Plumbing Regulations.
- Ensure that you have read and understood all sections of this manual before installation.



SAFETY NOTE

Before starting any new installation please check prior to drilling wall that there are no concealed electrical wires or water supply pipes.

We recommend this is checked with the aid of an electronic detector.

When using power tools please wear eye protection.

Water Supply Temperature & Pressures

Hot Water Temperature Range Recommended 60-65°C

Cold Water Temperature Range Recommended 10-15°C

Operating Pressure:

Minimum: 0.2 Bar

Maximum: 5.0 Bar

This pressure rating is determined by the manufacturer using soft water under test house conditions and may differ from site conditions.

Always maintain a 10°C difference between hot system temperature and maximum hot setting of valve.

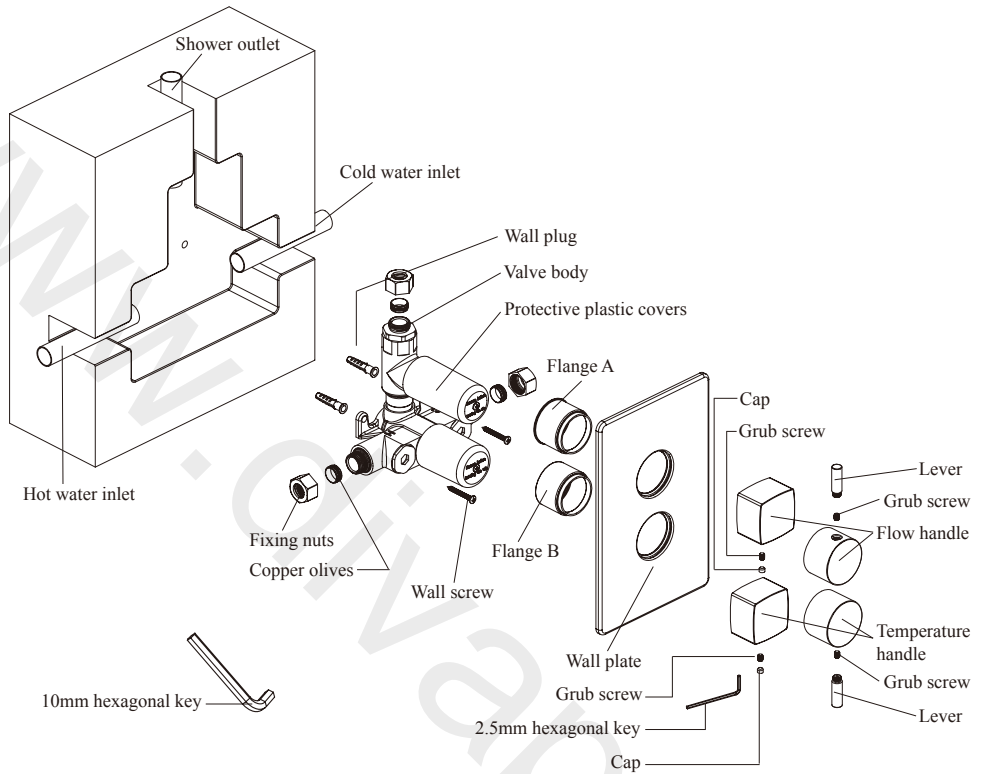
Hot and Cold Maximum pressure differential should be no more than 2 bars. If this limit is exceeded, a pressure reducing valve (not supplied) must be fitted to the higher pressure water supply before the mixer.

Operating pressures on hot and cold supplies should be kept as even as possible in order to ensure the maximum efficiency of the mixer.

When water pressure is higher than 5 bar a pressure reducing valve (not supplied) must be fitted before the mixer.

Flow restrictors (not supplied) can be fitted into the wall unions to reduce water consumption on high pressure system.

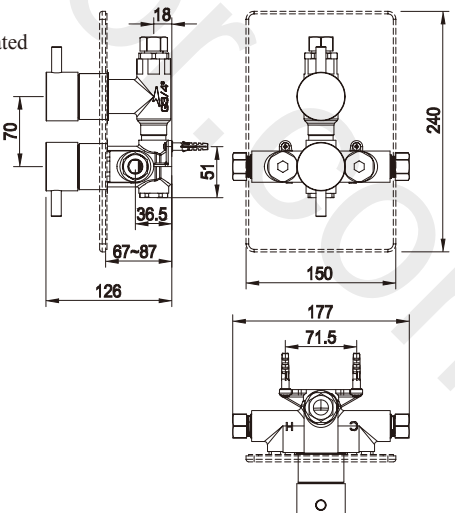
Installation



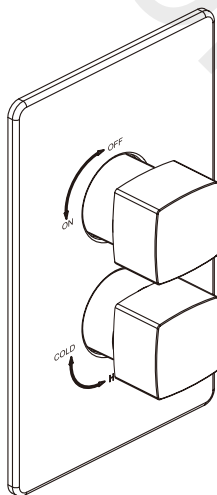
Prior to installing this mixer shower, please flush all pipework to ensure it is clear of any debris that could cause damage to the valves in your new shower.

Before starting any work - Please ensure you have fully isolated both the hot and cold water supplies.

1. Prepare the recess in the wall for the mixer body 15mm diameter supply pipe work - please note the dimensioned diagrams to ensure adequate clearance is allowed for installation and additional tiling.



2. Arrange the pipework so that the hot water is connected from the left and to the inlet marked "H" on the valve body. Ensure sufficient pipe length, so that the hot and cold water supply pipes insert into the valve a minimum of 10mm.
3. Connect the valve loosely to the pipework, do not tighten.
4. Hold the valve in the position inside the cavity and position for the screw holes.
See Safety Note. **Important - Use appropriate fixings suitable for wall type/construction.** Drill holes to suit required fixings (Use wall plugs supplied as required).
5. Connect the valve body to the pipework using copper olives and fixing nuts, but do not tighten fully.
6. Tighten wall screws until secure.
7. Tighten connection of valve to the pipework securely.
8. Plasterboard and tile the cavity wall ensuring there is an adequate gap between the tiles and the shower valve and allowing access to valve for future maintenance. (Please refer to dimensioned drawing).
Note: The wall plate can be used as a template for the wall hole by drawing around the plate and measuring in by 15mm to allow sufficient clearance for future access.
9. Turn on both water supplies and check for leaks.
10. If watertight, remove the black cover from the valve body and screw the Flange A & Flange B to valve body.
Run a bead of waterproof silicon sealant around the inner edge of the wall plate. Slide the wall plate onto the Flange A & Flange B and apply firm pressure to ensure silicon sealant spreads and provides a suitable watertight seal between wall plate and wall surface.
11. This product has 2 styles of temperature and flow control handles supplied in the pack allowing a choice of style to be fitted.
 - a. To fit the lever handles remove the lever and unscrew the grub screw using hexagonal key supplied.
Note: For square handle assembly, remove the cap first, then unscrew the grub screw.
 - b. Push on handles onto on/off and temperature controls on shower valve in desired position.
 - c. Tighten the grub screw and screw the lever to handles. For the square handle assembly, fit cap to handles after tightening grub screw.



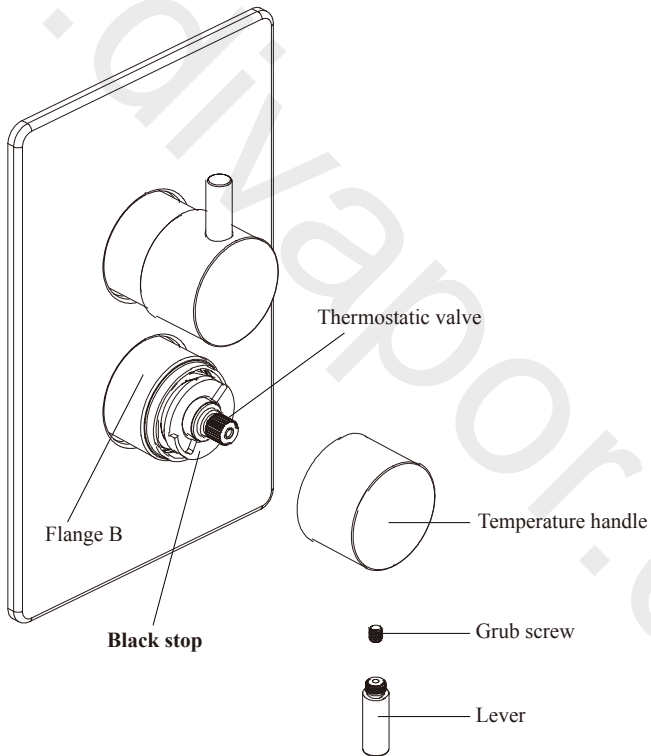
Temperature Setting (To be changed only when essential)

This mixer has been factory set under balanced water pressures with a hot water supply at 65°C.

When your operating conditions vary significantly from the above, the temperature of the mixed water may vary from the setting. In this case, you can set the temperature of the mixer to suit your requirements.

The valve is set to a maximum 41°C. This can be checked if required using a thermometer. If this temperature is incorrect, you can reset it by the following:

1. Turn the handle to the maximum (41°C) position..
2. Remove lever (by unscrewing), then the grub screw, then the temperature handle. **Note: For square handle removal, the small cap will need to be removed first.**
3. Without removing the **black stop**, turn the spindle of thermostatic valve until the temperature is at the desired maximum temperature.
4. Test again using a thermometer.
5. When the required temperature is obtained, re-fit the components, so that the stop will be at your new set temperature.



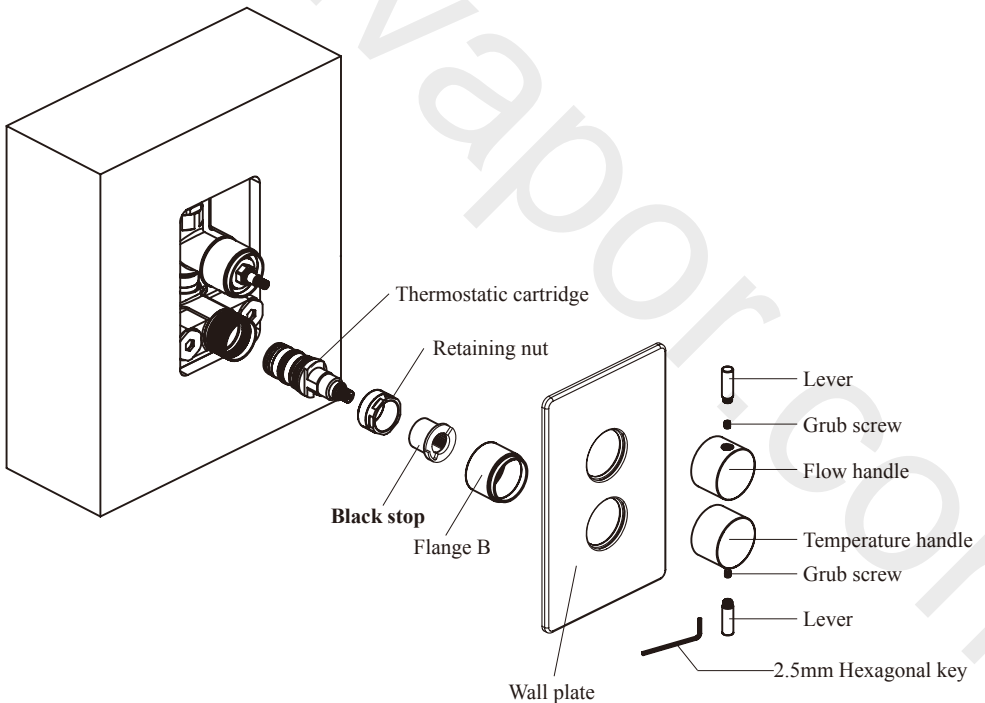
Cleaning the Thermostatic Cartridge

1. Before carrying out any maintenance, turn off both water supplies. If unsure contact a qualified plumber.
2. Remove the lever (by unscrewing), the grub screw, temperature handle and flow handle, then remove the wall plate, flange B.

Note: For the square handle assembly the small cap will need to be removed first.

Note: Take note of the position of the black stop and thermostatic cartridge, they must be re-fitted in the same position.

3. Pull the black stop from the thermostatic cartridge. Remove the retaining nut using a suitable spanner, remove and clean the thermostatic cartridge by rinsing thoroughly under cold water to remove any build up of limescale or debris.
4. If necessary replace the thermostatic cartridge.
5. Replace the thermostatic cartridge into the body, tighten the retaining nut using a suitable spanner.
6. Replace the black stop, Flange B, wall plate, temperature handle and flow handle, tighten the grub screw and re-fit lever to handle. **Note: For the square handle assembly re-fit the cap.**
7. Turn on both water supplies and check for leaks.



Cleaning the Filter (if no flow or low flow rate or varying temperature)

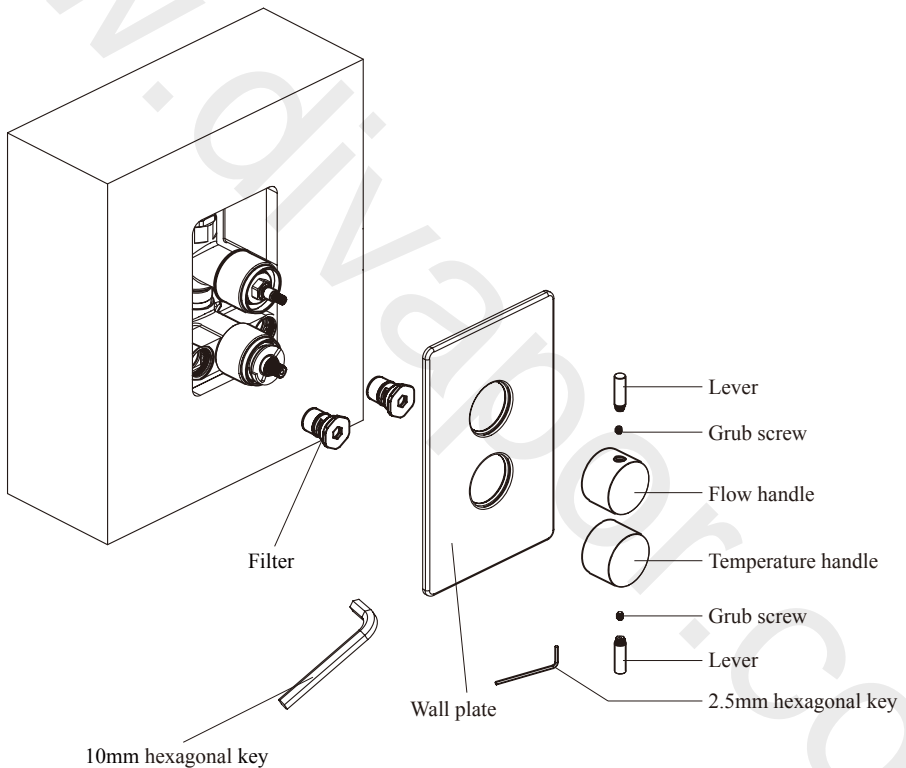
1. Before carrying out any maintenance, turn off both water supplies. If unsure contact a qualified plumber.
2. Remove the lever (by unscrewing), the grub screw, temperature handle and flow handle, then remove the wall plate.

Note: For the square handle assembly the small cap will need to be removed first.

3. Remove the filter using 10mm hexagonal key supplied and clean the filter by rinsing thoroughly under cold water to remove any build up of limescale or debris.
4. Re-fit the filter into the body, tighten the filter using 10mm hexagonal key.
5. Re-fit the wall plate, temperature handle and flow handle, tighten the grub screw and re-fit lever to handle.

Note: For the square handle assembly re-fit the cap.

6. Turn on both water supplies and check for leaks.



Care & Maintenance

To maintain the surface finishes, simply wipe occasionally with a mild detergent on a soft damp cloth. Dry using a soft cloth.

Never use abrasive cleaners or chemical household cleaners, and avoid contact with concentrated bleach.

Nabis products are manufactured to the highest of standards and should require little or no maintenance. In the unlikely event of any spare part requirements, please contact our telephone helpline number.

Telephone Helpline

Should you require any technical help in association with your Nabis product please call 0344 292 7060 with your query.

Warranty: 5 Years

For detailed warranty information, please visit our website: www.nabis.co.uk

Address:

Wolseley
CV34 6DY

Website:
www.nabis.co.uk

