## The relevant guarantee periods are:

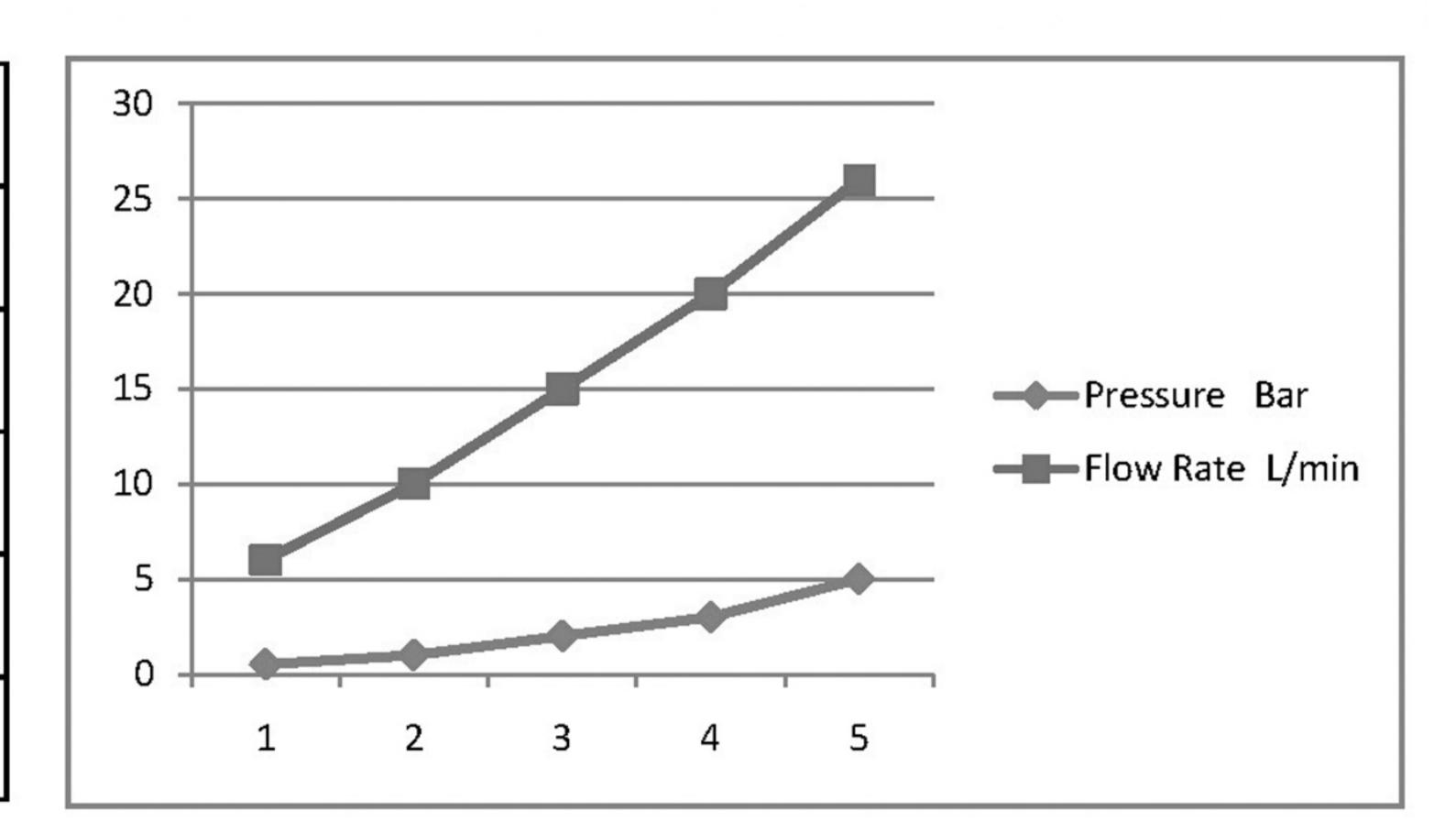
## 5 years on shower items

All claims under this guarantee should only be submitted in writing to the relevant person/institution which facilitated the purchase and must be received no later than the last day of expiration of this guarantee period. A proof of this communication should be kept until the agent confirms its receipt. This claim must accompany the original proof of purchase.

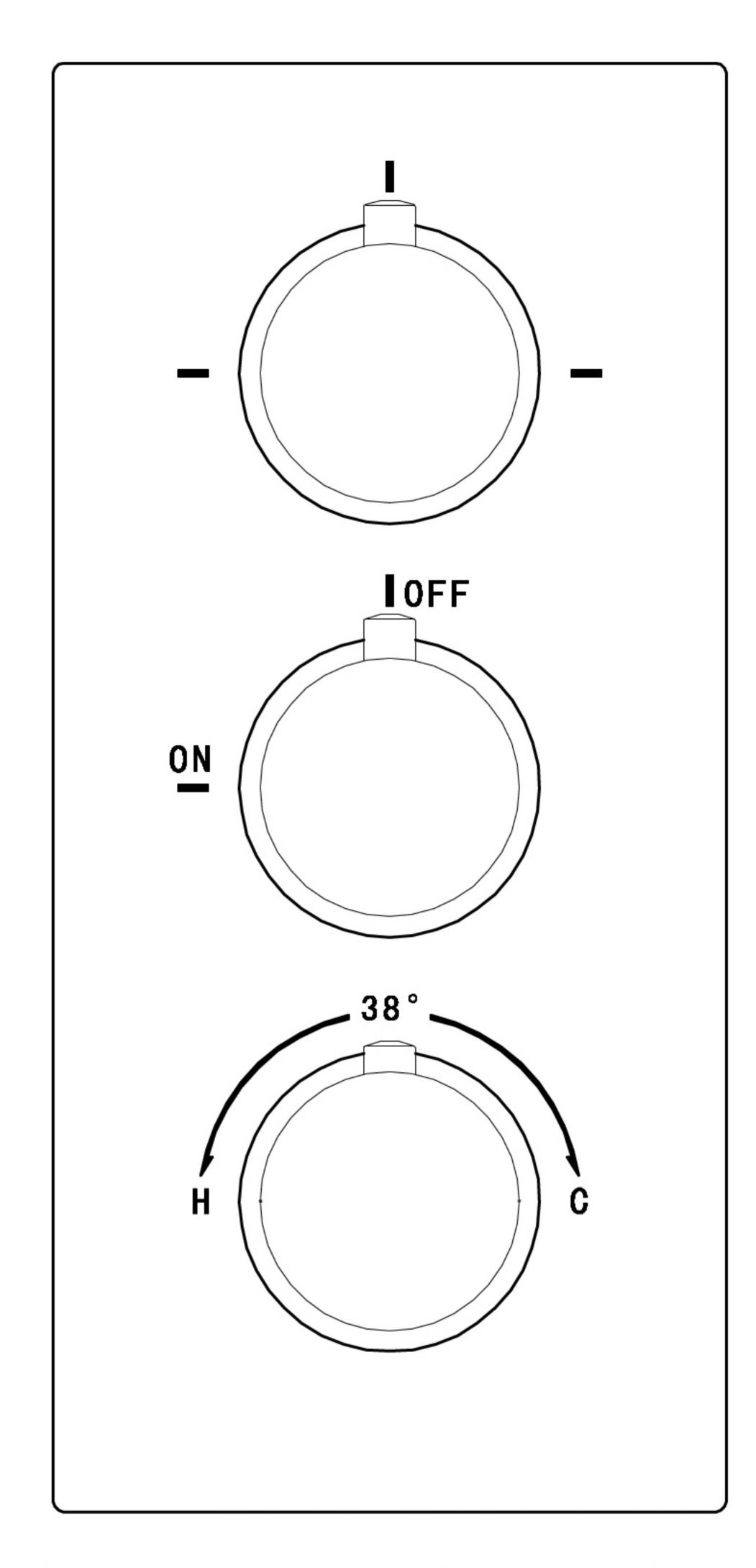
As a dynamic company who evolves continuously, we reserve the right to improve/ change/ amend the design, style and specifications of the product without prior notice. If the item in question is no longer available as a current item, a similar product may be offered.

This does not affect your statutory rights.

Pressure Bar	Flow Rate L/min
0.5	6
1	10
2	15
3	20
5	26



# Triple, Three outlet shower mixer Valve General instructions



Thermostatic shower valve 3 Outlet with ¾" BSP Inlet (female thread)

### MUST READ – Very Important

We recommend highly that these instructions are read carefully before you start installation.

First, open the box and check all items are present needed as per this manual. Also make sure and other items that you need are available too for e.g. compression fittings, wrench, PTFE tape.

Installation must comply with Local/National water supply regulations/Authority and byelaws inc Building and Plumbing regulations (UK:BS6700).

Please use a qualified plumber / fitter.

#### General installation

Thermostatic Valve

The valve suits all types of water systems. If you have an instantaneous heater, the flow of hot water should reach the minimum required – as per specification of the heater manufacturer.

This is a mixing system and hot and cold supplies must be reasonably balanced for proper flow (outlet).

If connections are made to the mains of cold water supply, WATER REGULATIONS approved single check valves must be fitted to both hot and cold inlets of the valve. This is required by Water Supply (Water Fittings) regulations 1999 Schedule 2, section 6 G15.1 3.2

Prior to make inlet connections; please ensure all pipes are properly and thoroughly flushed to clear off any debris etc. You should satisfy yourself that this is clean. Failure to do so may result in a low flow rate from mixing device. Water Supply (Water Fittings) Regulations 1999 Schedule 2 Section 4G13.1

We strongly recommend fitting of isolating valves to the inlet pipes to assist in future maintenance of the valve.

Please take great care when installing this mixer not to damage its surface. Please ensure the body and/or surface of the valve is not damaged while installation.

Very Important: Operating pressure (Hot & Cold Inlet) should be as balanced as reasonably possible in order to achieve a temperate outlet flow.

Use a reducer to the inlet feeds if water pressure is above 5 bar.

#### Procedure

- 1. Shut off the water supply with isolating valves on both hot/cold inlets.
- 2. Unscrew the handles by unscrewing the holding screws. And pull out the handle.
- 3. Now remove the cartridge with a wrench or similar tool.
- 4. Rinse the filers to remove dirt thoroughly, soak them in a de scaling agent or even vinegar. Do it as thoroughly as possible.
- 5. The housing of the thermostatic cartridge must also be cleaned thoroughly with a wet cloth. The O rings of the cartridge should be greased too.
- 6. Now reassemble the cartridge ensuring the black plastic stopped is pointing at 12'O clock position.
- 7. Finally, make sure everything is secure and tight. Water supply can now be turned on from the isolating valves.
- 8. Now check the water temperature to ensure you are happy with it. At this stage, check water temperature and if not ok then calibrate as explained above.
- 9. Replace the temperature control handle so that the temperature that is just checked (point 8) corresponds with the 12'0 clock position.
- 10. Replace handle.

#### Guarantee

The product is guaranteed against any manufacturing defects from a valid date of purchase (not installation) until the expiry of stated guarantee period explained below.

#### The guarantee is valid only if:

- 1) The product has been installed, maintained and used in accordance with instructions we have provided and subject to normal use. Industrial use will invalidate the guarantee.
- 2. The defect cannot be apportioned to the use of an unsuitable/inadequate water or power supply/source.
- 3. The fault is not because of misuse, neglect, accident, repair or damage caused by a foreign object or substance.

All guarantees (non-transferable) will offer at its discretion – a repair, free of charge replacement in full or part in question found to be defective / faulty. This guarantee does not cover any consequential loss/ damage in any shape or form. This is disclaimer against and 3rd party costs to replace/ repair item in question.

After replacement or repair has taken place, guarantee period will be calculated from the original date of purchase.

# Operation

Top lever will control the flow of the water to 1 outlet.

Second lever to control the temperature.

To override the set temperature, press the temperature button and move as requirement.

### Care of the mixer

Due care is required to maintain the valve and care must be taken whilst cleaning for brand new refreshing looks at all times.

Do not use any abrasive liquids, powders to clean. Only use normal cleaning material e.g wet cloth etc.

If above instructions are not adhered to, this will invalidate your guarantees.

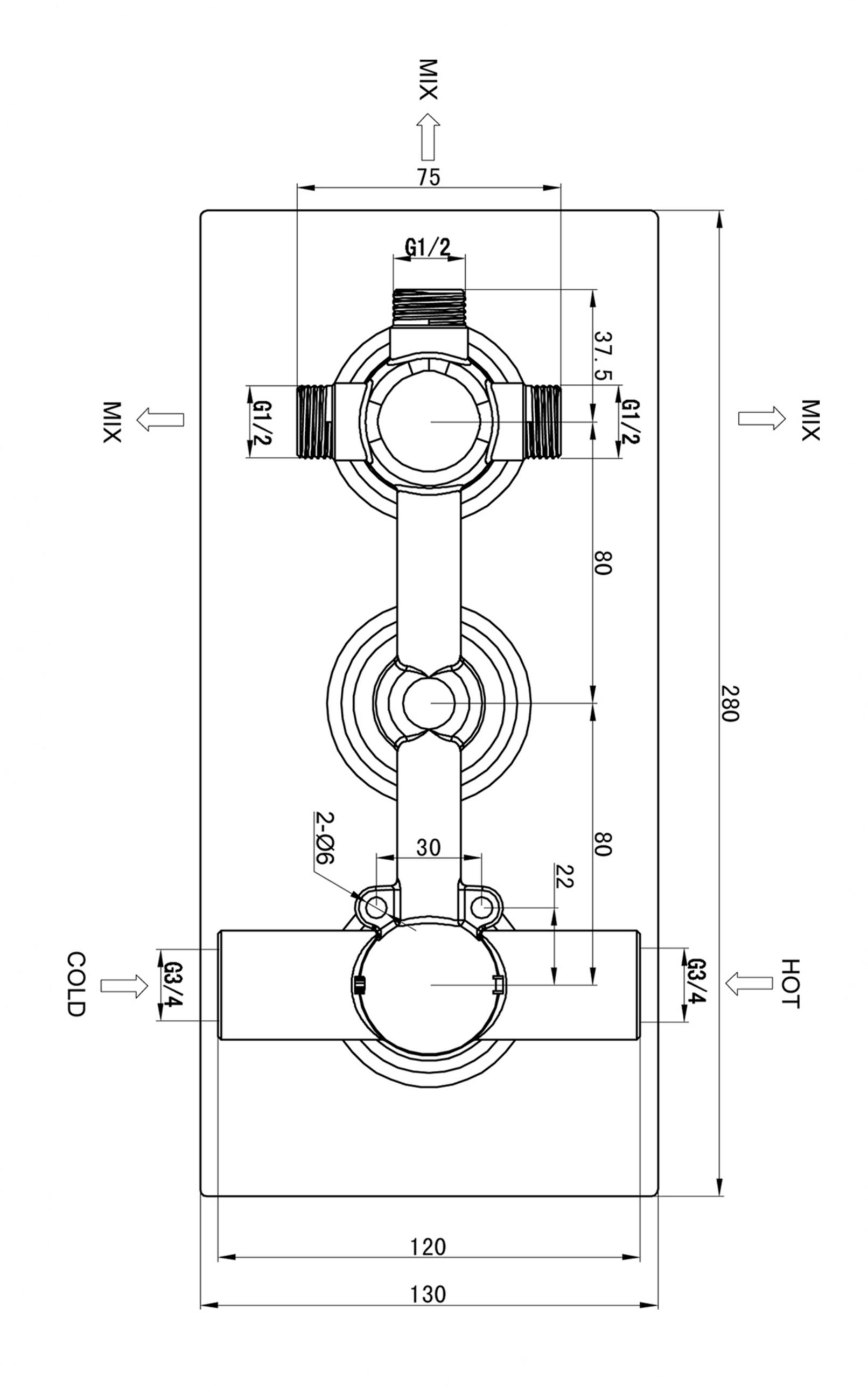
# Maintenance

As water quality is different all over the UK, the filters of cartridges and other parts housed inside the valve may become dirty/ clogged which will result in reduced flow and inefficient valve operation.

To clean, please remove the cartridge from the housing to clean its filters.

### Dimensions

## View From Back



# **Operating Specifications**

Hot Water Supply Temperature

Maximum: 85°C

Minimum: 10°C higher than the maximum required mixed temperature (recommended 65°C)

Operating Pressures:

Maximum operating pressure 5 bar

Minimum operating pressure 0.5 bar

#### Installation

Clear/ Rinse pipeworks thoroughly and carefully for a reasonable amount of time prior to fitting the valve. No dirt, metal, wood shavings, debris or and foreign material should block the filters fitted on the inlets of the valve.

**WARNING:** Before drilling any holes, ensure no cables or pipes are in the way. The valves must be set into the wail with a minimum of 62mm.

When fitted into a partition wall or a soft substrate please use specialist fixings to hold it in place.

Now ready to install – select shower valve position and insert it in the wall cavity, then mark fixing points with a builder's pencil/pen. Pull the valve out and drill suitable length holes at the marked positions. Use wall plugs and screws to secure the valve.

Protect or remove any chrome parts which may be liable to get scratched/damaged while installation. Do not use any abrasive cleaning substances to clean chrome parts.

Hot supply inlet (found on the left on the valve) to be connected with hot supply and cold supply (found on the right of the valve) connected accordingly.

Connect all outlets where required – to fixed head/ riser kit / bath filler etc

#### Temperature Resetting

These valves are factory set under balanced pressure with hot supply coming in at 65° celcius. If your installation conditions are significantly different then the water temperature may vary from setting.

If the difference is too much then we recommend you to calibrate the valve to suit requirements of your installation as follows:-

1) You need to choose 38° celcius or the arrow on the handle to verify the temperature coming out of the outlet of the valve with a thermometer.

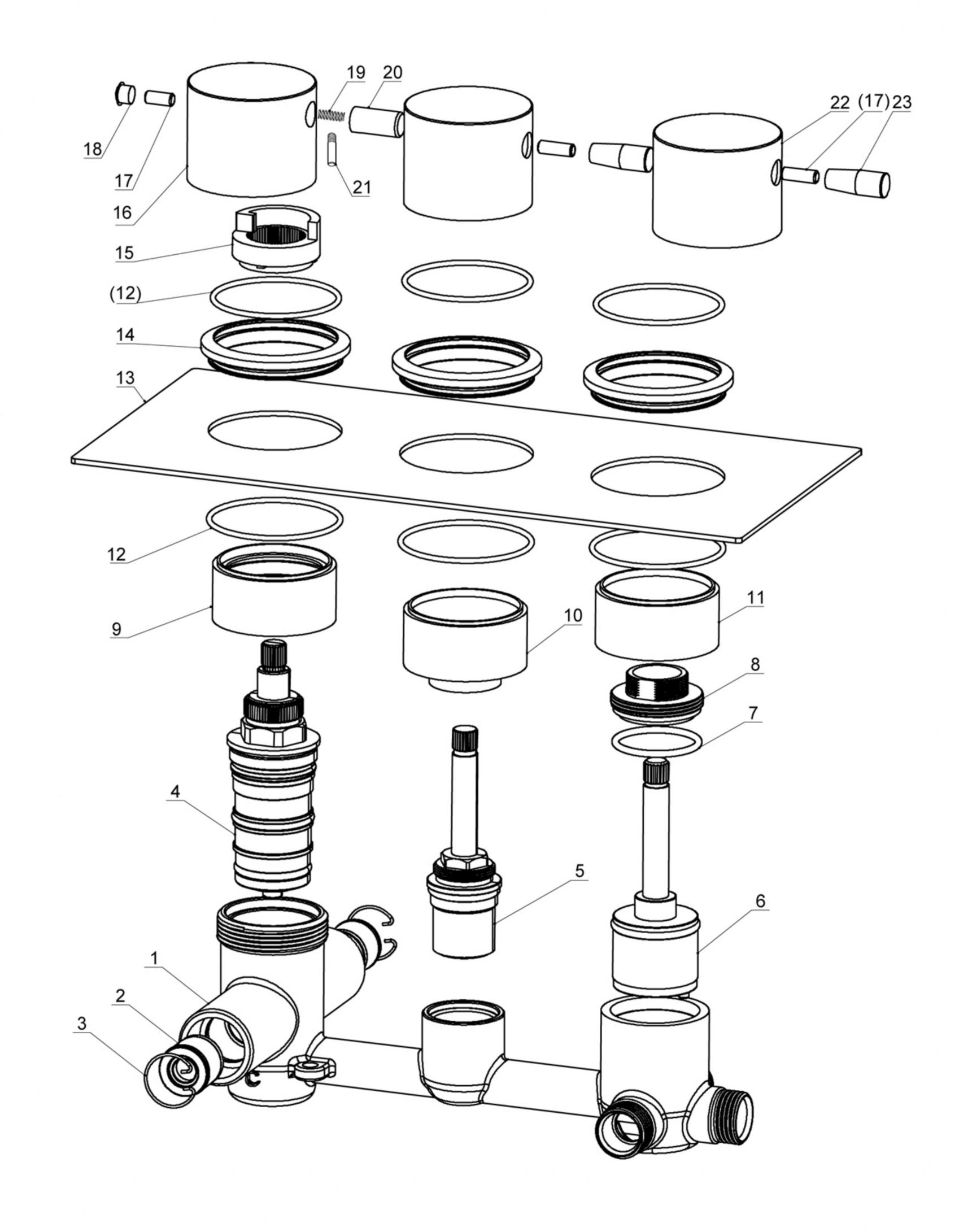
If the temperature is not right/ unacceptable, please proceed as follows to calibrate

- 2) First, please remove the handle but do not remove the black ring situated below the spindle of the handle. Now turn spindle of the valve clockwise to decrease temperature and anti-clockwise to increase the temperature until 38° celcius temperature is set/ achieved.
- 3) Please make sure stop side of the stop ring is pointing to 12'O clock, also ensure the temperature override button is pointing to 12'O clock, now press on the

button and push the handle onto the spindle, minding not to turn the spleen of the valve. Now replace the handle.

It is now (valve) calibrated as per your requirement.

# Assembly and Installation



- 1. Body
- 2. Check valve
- 3. Clamp spring
- 4. Thermostatic cartridge
- 5. Waterflow cartridge
- 6. Diverter cartridge
- 7. "O"ring
- 8. Diverter cartridge locking nut
- 9. Thermostatic chrome donut
- 10. Water flow chrome donut
- 11. Diverter Chrome donut
- 12. "o" ring

- 13. Square front plate
- 14. Square front plate chrome donut
- 15. Stop ring
- 16. Thermostatic handle
- 17. Screw
- 18. Handle cover
- 19. Spring
- 20. Handle button
- 21. Button pin
- 22. Non thermostatic handle
- 23. Non thermostatic handle button