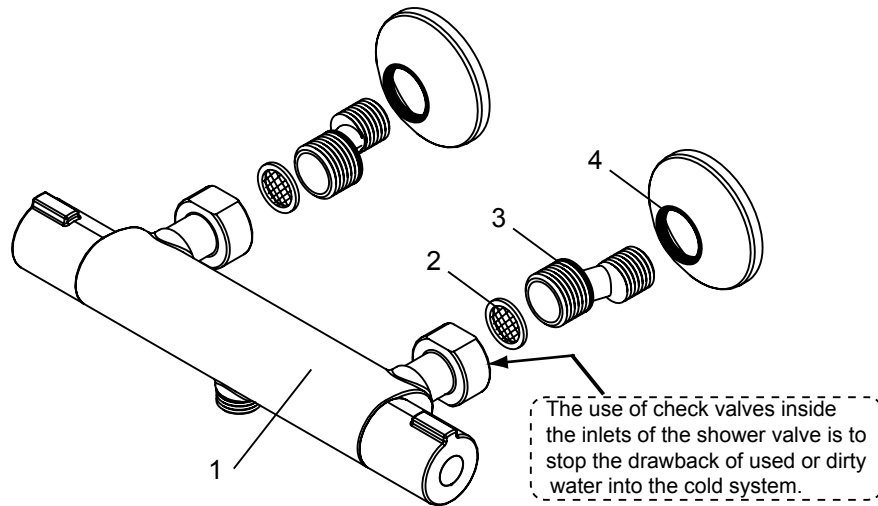




Fitting Instructions

Thermostatic Valve



SPECIFICATION

Operating Specification

Hot Water Supply - Max 70°C

Recommended 60-65°C

Maximum temperature pre-set to 43°C

Operating Pressures

Min 0.5 bar - Max 5.0 bar

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, fit a pressure reducing valve (not supplied).

Operating pressures on hot and cold lines 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.

PARTS SUPPLIED

ITEM	DESCRIPTION	QTY
1	Valve Body	1
2	Seating Washer	2
3	Flange	2
4	Eccentric Unions	2

BEFORE YOU START

This product is not suitable for instantaneous electrical or gas heater.

This product must be connected to water supply in accordance with the Water Supply (Water Fittings) Regulations 1999, and also to comply with UK Building Regulations. If you are in any doubt about these requirements, contact a qualified plumber, your local Water Company or the Water Regulations Advisory Service(WRAS).

- Identify all components and check pack contents.
- TURN OFF MAINS WATER SUPPLY. The mains stopcock is usually situated where the supply enters the building.
- It is also recommended that the water heating arrangements are turned off.
- Isolate the hot and cold water supply.

INSTALLATION

- Flush pipe work prior to installation to remove debris from the system.
- Turn off water supply following system flushing.
- Install the mixer with the outlet to the bottom, the cold inlet (indicated by a blue dot on the rear of the mixer) to the right.
- Fitting the Valve Body (1) with the Eccentric Unions (4) provided allows for pipe centres of between 140-160mm. Use of the alternative fixing methods will only allow for centres of 150mm .
- Loosely connect the 1/2 inch section of the wall union to the supply pipes being sure to fit adequate seals (not supplied). Do not use PTFE. Note: these Unions are not compression fittings .
- From the front, align the Eccentric Unions (4) with the Valve Body (1) inlets. Screw Flange to the 3/4 inch section section of the Eccentric Unions (4) protruding through the wall.
- Attach loosely the wall union to the Valve Body (1), ensuring that the sealing washer is fitted into the mixer mixer nut.

- Level the Valve Body (1) and tighten mixer nuts and pipe nuts until secure.
- Sealant can be used between the Flange (3) and the wall.
- Once the Valve Body (1) has been fitted and joints tightened, turn on water supply and check for leaks.

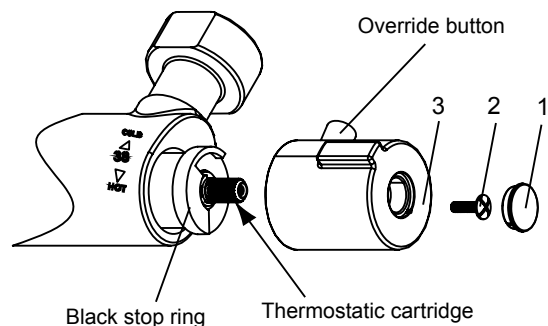
TEMPERATURE SETTING (To be done only when necessary)

This mixer has been set in the factory under balanced pressures and 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.

If this is the case, you can set the temperature of the mixer to suit your requirements.

The Valve is set to a maximum 43°C. This can be checked if required using a thermometer. If this temperature is not correct, you can reset it by doing the following:

- Turn the handle to 38°C position.
- Remove Indice(1), then the Handle Screw(2), then the Temperature Handle(3).
- Without removing the Black stop ring, turn the spindle until the desired temperature is reached.
- When this is temperature is reached, re-fit the components so that the stop is at your new set temperature.
- To obtain a higher temperature, press the override button on the temperature handle and continue to rotate.



AFTER CARE

To maintain the appearance of this fitting, ensure it is cleaned only using a clean soft damp cloth.

A solution of warm water and mild liquid detergent may be used where necessary and then rinsed thoroughly. Abrasive cleaners or acidic cleaners **MUST NOT BE USED** under any circumstances. Avoid contact with solvents.

Please retain these instructions for future reference.

Watersmith UK Ltd., BA22 8RT.

MANUFACTURER'S GUARANTEE

This product is Guaranteed to be free from faults arising from Manufacturing defects for a period of 2 Years from the date of purchase.

Retain proof of purchase.