

# Installation Instructions

## Thermoforce 1 shower mixer & kit

### Code: THERMO1

WE RECOMMEND YOUR SHOWER VALVE BE INSTALLED BY A QUALIFIED PLUMBER

#### TECHNICAL DATA

This shower valve is suitable for use on all common types of plumbing systems including gravity, pumped, combination boilers and high pressure unvented systems.

Minimum working pressure 0.2 Bar

Maximum working pressure 4.0 Bar

Important note: Water pressures exceeding 4.0 bar, you must install a pressure reducing valve in the mains supply pipe set at 3 bar for optimum results.

Maximum suggested hot water temperature: 80°C

Suggested working temperature (water heater): 60°C

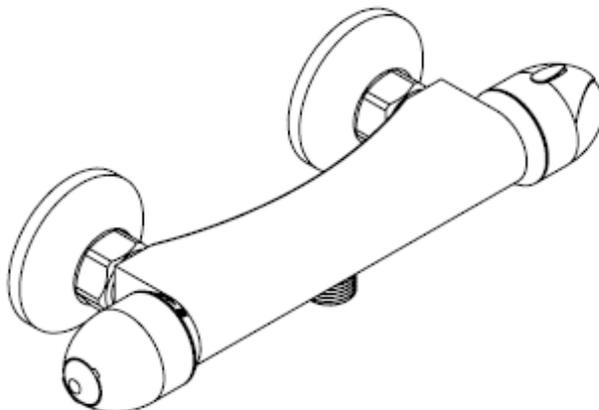
It is advisable to avoid sudden variations in between hot and cold water. To be able to adjust the water temperature higher than 38°C it is necessary to press on the safety chrome-plate button prior to turning the temperature control handle.

As quick guide to see if your water pressure is too high measure how many pints of water you get from your kitchen tap, with the cold side fully turned on. If you exceed 8 pints or equivalent in 30 seconds then you require a pressure reducing valve fitting to your incoming mains supply pipe, immediately after the stopcock to the premises.

#### IMPORTANT

These shower valves have been pressure tested to 10 bar, Before proceeding, please note:

1. The valve must be installed in compliance with local authority byelaws and water supply byelaws.
2. Read all instruction manual before proceeding.
3. Only begin installation when you have the necessary tools ready.
4. Please check that all the components are in the shower valve box.



### **Mounting Instructions**

Please use the offset connections provided, these allows the installation on wall to the water supplies with adjustment between 132 and 168mm.

Prior to the installation please flush all supply pipes to make sure that no debris is blocking the supply pipes and inspect the water supply connection (cold water to the right and hot water to the left).

**Note:** when the installation is correct, the temperature control handle has to be on the right-hand side and the shower flexible hose connection facing downwards.

Apply some PTFE tape to the threaded parts of the supplied connections before connecting to the water supplies.

Adjust the offset connections so that the mixer is in horizontal position and set between both connections.

Screw both conical plates on the eccentric connections.

Do not forget both fibre gaskets, install the mixer and screw the nuts by tightening them with a wrench.

### **Aftercare Instructions**

Only use a neutral cleaning solution and a clean cotton cloth when cleaning the valve.

The thermostatic cartridge may need servicing from time to time depending on the water hardness.

<b>FAULT</b>	<b>DIAGNOSIS</b>
"Water temperature is not hot enough"	<ul style="list-style-type: none"><li>• Ensure hot water supply is at least 60C.</li><li>• Check for airlocks in pipework.</li><li>• Remove handle and repeat temp setup.</li></ul>
Water dripping from the handset or showerhead when shower is turned off.	<ul style="list-style-type: none"><li>• Debris in the ceramic disc cartridge of the on/off control. Remove and flush thoroughly.</li></ul>
No hot water	<ul style="list-style-type: none"><li>• Check the inlet filters for debris</li><li>• Maximum temperature requires adjusting</li></ul>
Cold water tracking through the valve into the hot water system.	<ul style="list-style-type: none"><li>• Check and flush the non return valves</li></ul>

