INSTALLTION INSTRUCTION

Thermostatic Mixer Shower Valve

NOTICE

The instruction manual includes part lists, installation instructions, usage of thermostatic valve and suitable inlet system.

Make sure the installation is undertaken by a competent person based on the installation manual and in accordance with the requirements of the Requirements of the Water Supply (Water Fittings) Regulations 1999.

Thermostatic Mixer Shower With Slider Bar is suitable for the typical installation inlet systems as follows: Gravity system (Hot & Cold gravity system; hot gravity, cold gravity main systems; hot & cold gravity, pump assisted system); Unvented hot water system; and Combination boiler.

IMPORTANCE

Make sure the pressure and temperature supplies at the shower inlets meet below specification:
Maximum hot water temperature : 75°C
Minimum recommended hot water temperature: 60°C
Maximum cold water temperature:20°C
Minimum operating water pressure: 0.2 Bar
Maximum operating water pressure: 5 Bar

For optimum performance, the cold and hot water supplies should be at equal pressure. Where the supply is greater than 5 bar a pressure reducing valve should be fitted.

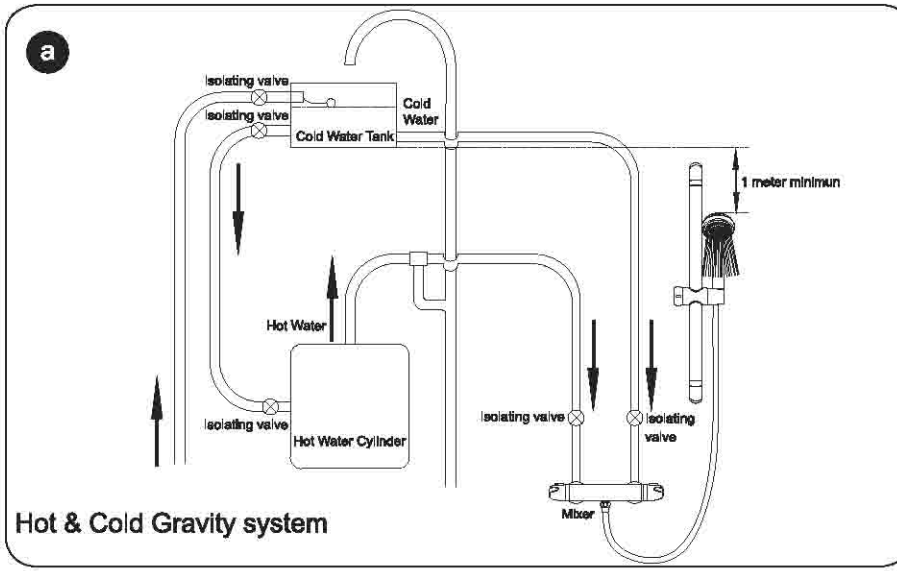
Ensure that the water temperature and the pressure at the inlet of the mixer body remain relatively constant during use.

The hot and cold water connectors in the wall should be 1/2" BSP female thread.

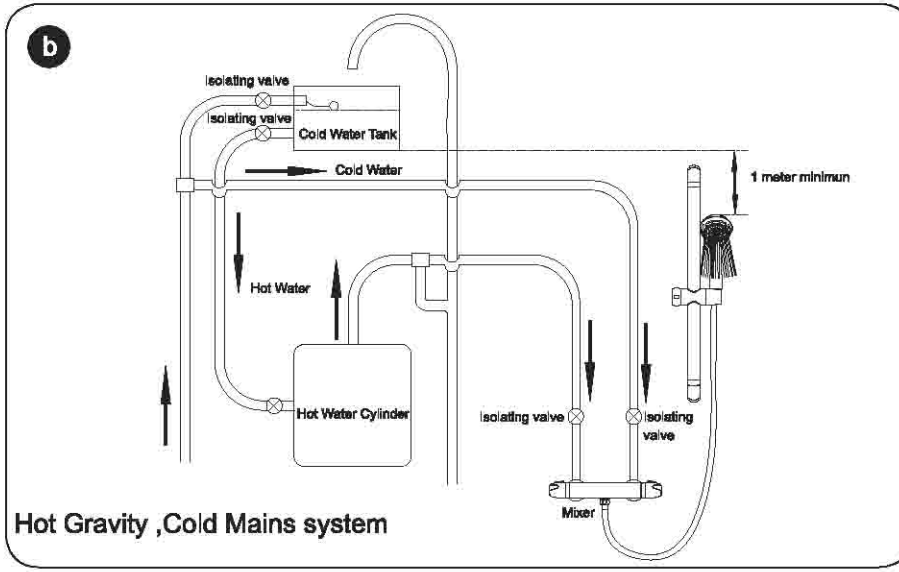
TYPICAL SUITABLE INSTSLLATIONS

Gravity system

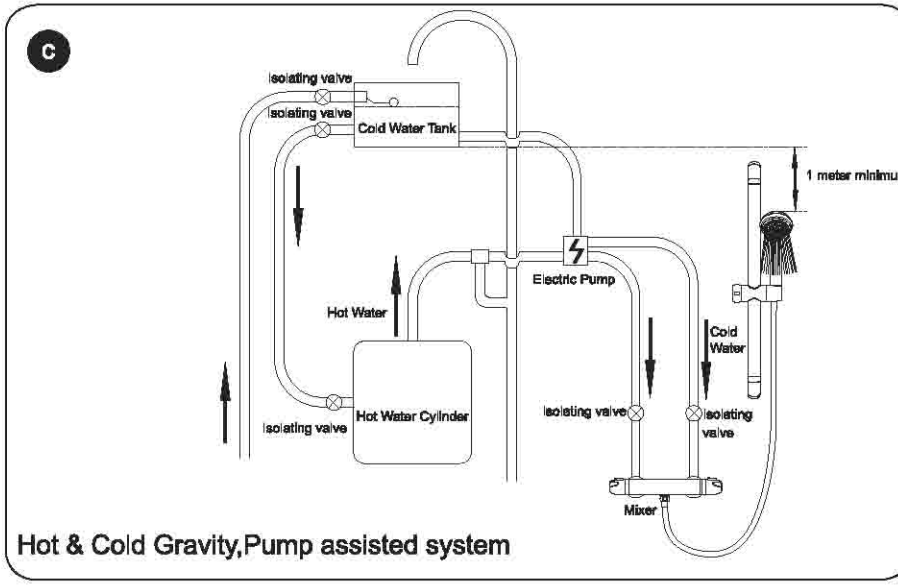
A cold water tank usually located in the roof space, and a hot water cylinder , frequently in the airing cupboard. This system sometimes has a pump in the circuit (see diagram below).



Hot & Cold Gravity system

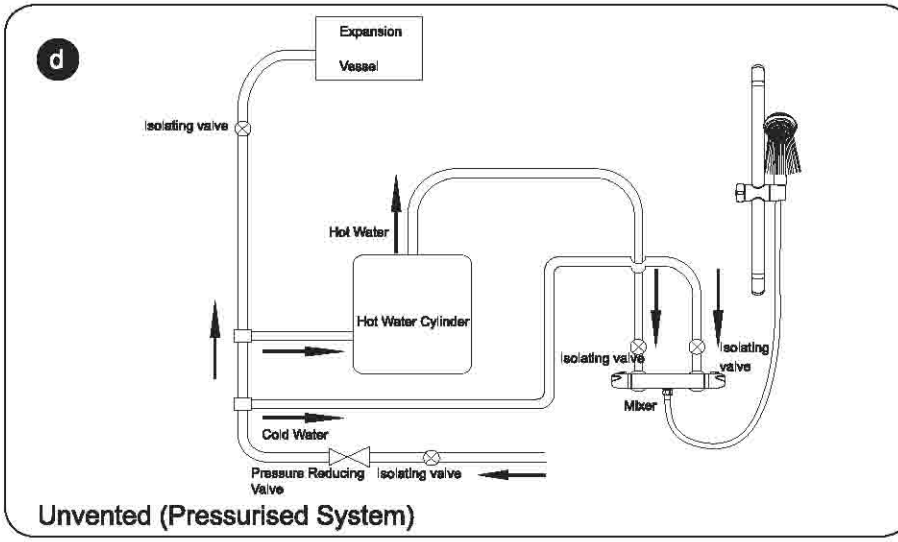


Hot Gravity ,Cold Mains system



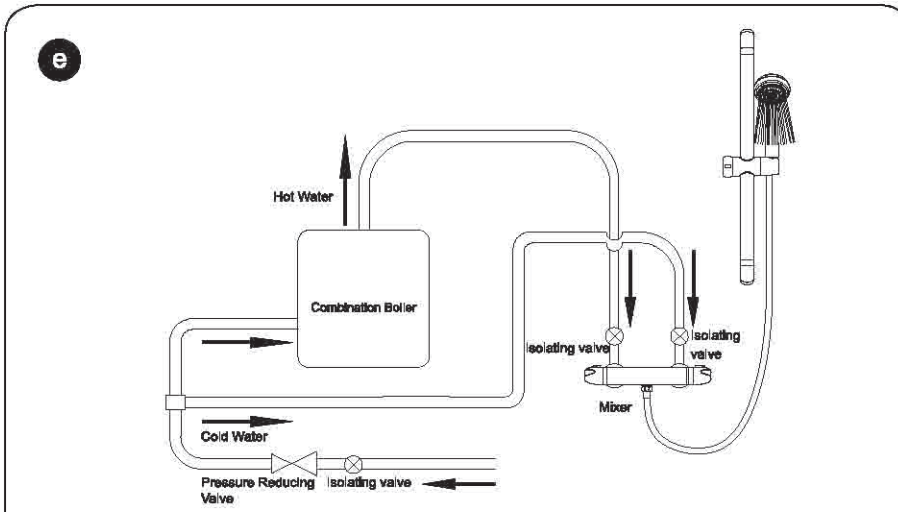
Unvented hot water system

A high-pressure cylinder of water, heated by a boiler or emersion heater, usually providing high volumes of water



Combination boiler

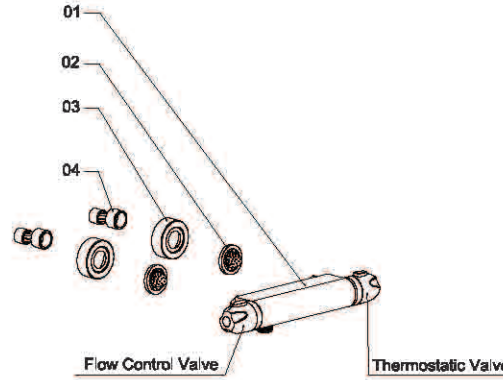
These systems heat your water as you use it and usually consist of a boiler attached to a wall, often in the kitchen.



Combination Boiler system

Part List

No:	Name:	Qty:
01	Mixer Body	1
02	Filter Washer	2
03	Flange Cover	2
04	S-Elbow	2



Tool Required (Not supplied)

Spanner

Phillips Screwdriver

Drill

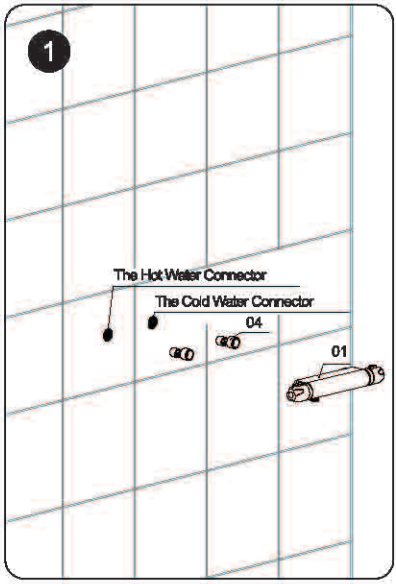
Safety Glasses

Before You Start

1. Please ensure there are no hidden service pipes and cables where you intend to drill.
2. Debris must be cleared away from the inside service pipes before installation to ensure good functionality of water spray.

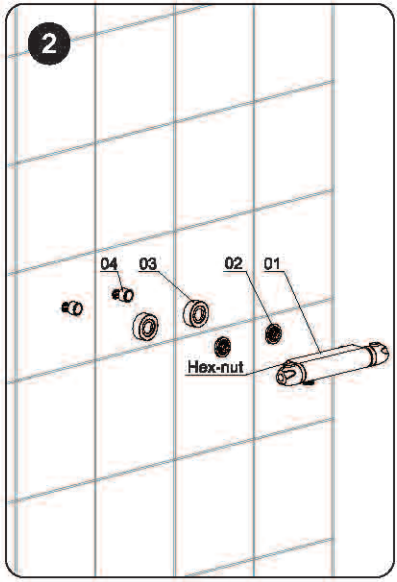
3. The wall fixings provided are suitable for solid walls only. For other types of wall use suitable alternative fixings.

Installation



Install the s-elbows

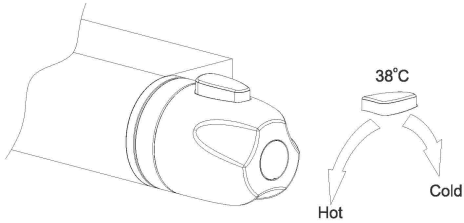
1. Wind the small end of s-elbows (04) with PTFE tape, connect them to the hot and cold water connector. Tighten them to prevent leaking.
2. Adjust the position of the s-elbow (04) and align them to ensure they are horizontal.



Install the mixer body

1. Screw the flange covers (03) onto the big end of s-elbows (04) until the flange covers (03) butt against the wall.
2. Insert the filter washers (02) into the hex-nuts at the back of the mixer body (01). Connect the mixer body (01) to the big end of the s-elbows(04) using an adjustable spanner.

1.Use of thermostatic valve

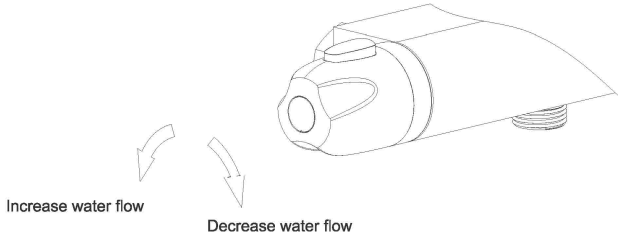


1.1 The temperature of water for a bath can be adjusted freely. The temperature button is set 38°C which effectively avoids the risk of scalding, especially on children and the elderly

1.2 If control is turned in anti-clockwise direction, water will become hotter until the control reaches the safety button at 38°C. Press down safety button and continue to turn in anti-clockwise direction when looking for a higher temperature.

1.3 If turned in a clockwise direction, water will become cooler.

2. Use of flow control valve



Water flow rate will be increased when turn the flow rate control in anti-clockwise direction and vice versa.

Care & Use

- Beware of scalding from hot water. It is recommended to turn on the hand shower first.
- Always turn on the cold water first when using the bar shower.
- Do not use chemicals and other corrosive detergent to clean the shower set. Always use a non-abrasive bathroom cleaner and a soft cloth to clean it.
- Never twist or kink the hose in use because the water flow will become restricted.
- Regularly clean the shower head and hand shower to remove debris.

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