

TROUBLE SHOOTING

SYMPTOM	SOLUTION
After installation the shower runs HOT or COLD and will not mix.	Hot and cold supplies are plumbed the wrong way round.
Shower will not run hot enough when first installed.	Maximum temperature needs adjusting, see 'temperature setting'.
Cold water tracking through the valve into the hot water system.	Check and clean the filters.
Very low flow or no flow (gravity).	Check hot and cold feeds (the valve will shut down if either the hot or cold supply fails).

CLEANING

CARE OF YOUR SHOWER VALVE

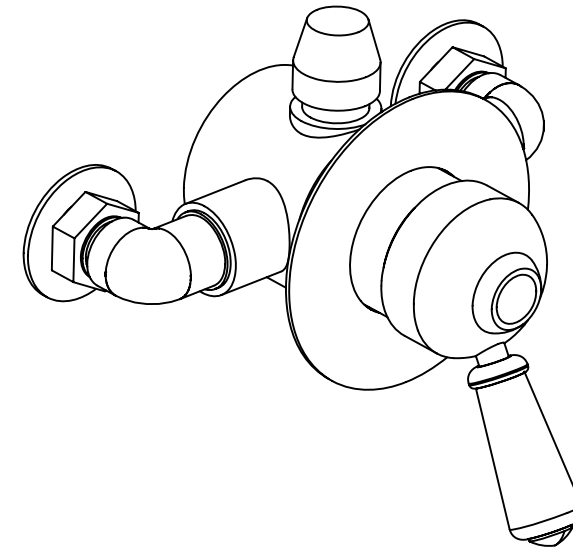
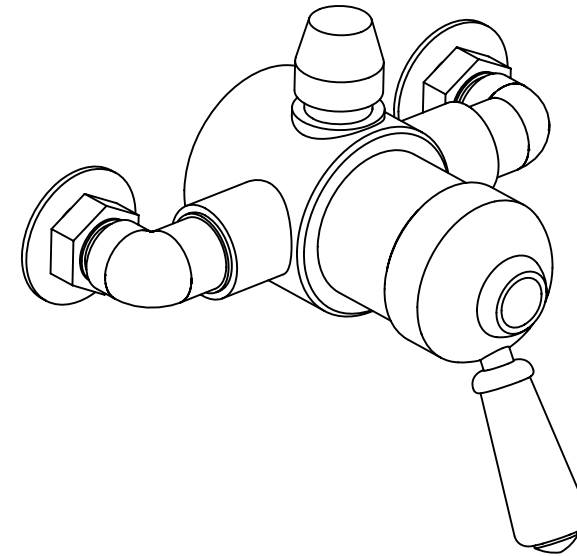
We recommend cleaning the valve with a soft damp cloth.

we strongly advise against the use of ALL other cleaning products.

THERMOSTATIC SHOWER VALVE

Eastbrook

Eastbrook Road, Gloucester GL4 3DB
Technical Helpline: 01452 317890
email: technical@eastbrookco.com



Please read these instructions carefully and keep in a safe place for future reference.

General Installation Requirements

The installation must comply with regulations of the Local Water Authority as contained in their bylaws. All of the valve in this range are single flow (the hot and cold water mix in the body) and should therefore be supplied with hot and cold water at balanced pressures, both from the tank or both from the mains (via a combination boiler for example). If the valve are not supplied at balanced pressures then the mixer will not function correctly. It will also be necessary to fit non-return valves on both hot and cold feeds. It is very important that all pipe work is flushed thoroughly after installation to avoid damaging the ceramic discs.

Minimum/Maximum working pressure

These valve are suitable for high and low pressure installations they are fitted with a ceramic disc cartridge which provides a good flow rate with very smooth movement. To ensure that the mixer works adequately under low pressure, the cold water storage tank should be at least 2 metres above the highest installed position. The maximum water pressure is 10 bar (note: mains cold water is normally supplied at between 2 and 3 bar).

For installations where the mains pressure exceeds 5 bar a pressure reducing valve should be fitted.

Approvals

All products are manufactured using materials tested and approved under the Water Bylaws Scheme and comply with requirements of British Standard 5412: 1996 where applicable.

Preparation and bylaw requirements

These valve are single flow so the hot and cold water mix in the body. Water bylaws require that where the hot water is supplied from a tank and cold from the mains, non return valves are fitted on both hot and cold pipes as close as possible to the valve. These are not supplied. Where combination boilers are fitted it is only necessary to shut off the incoming mains and turn the boiler off, non return valves are not required.

WARNING

Before installing the new mixer it is essential that you thoroughly flush through the supply pipes in order to remove any remaining swarf, solder or other impurities.

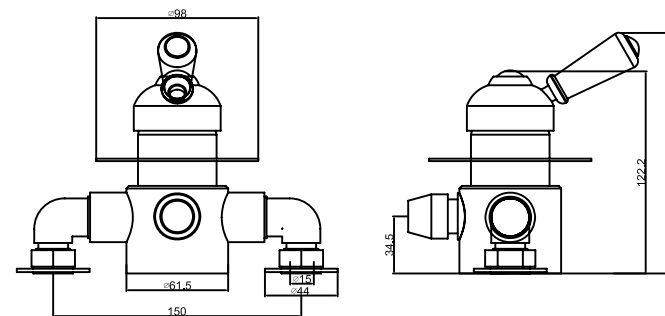
Failure to carry out this simple procedure could cause problems or damage to the workings of the mixer.

These hints have been prepared for your guidance, you must exercise due care at all times.

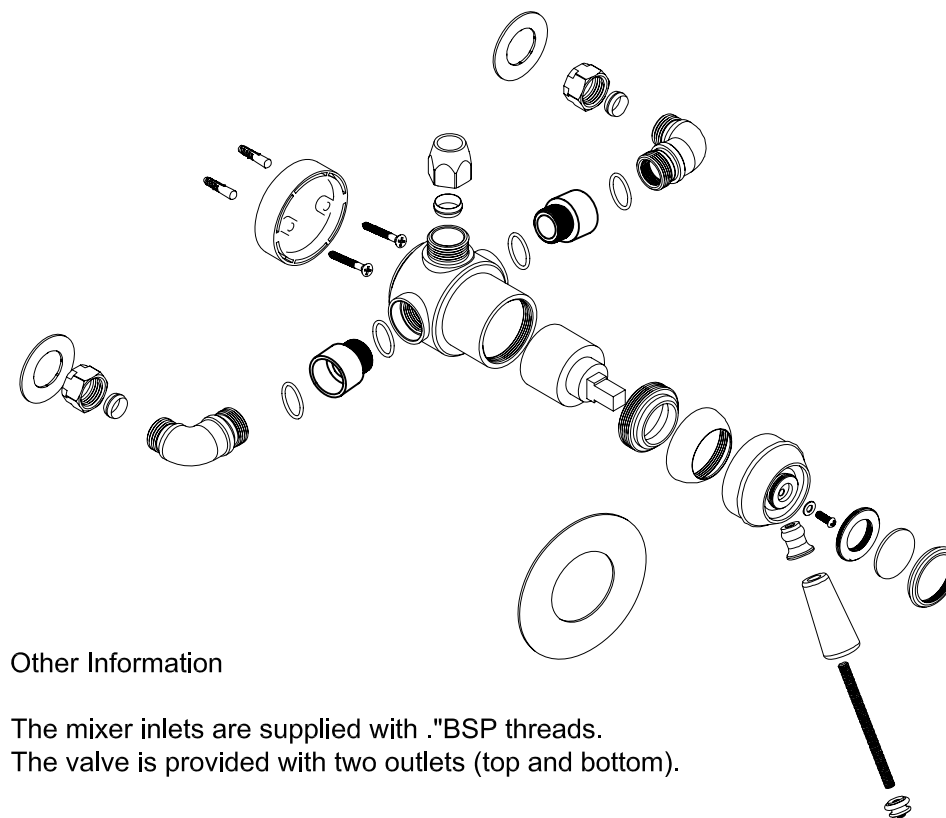
We do not accept responsibility for any problems that may occur through incorrect installation.

This product should only be fitted by a qualified plumber to NVQ (National Vocational Qualification) or SNVQ (Scottish National Vocational Qualification) Level 3. Should the installation be completed by a non-qualified person then the guarantee may be considered invalid.

For a claim made under our warranty written certification of your installers credentials can be required. For further information or to find a qualified installer in your area please visit the Institute of Plumbers website - www.iphe.org.uk



Breakdown of parts



Other Information

The mixer inlets are supplied with 1/2" BSP threads. The valve is provided with two outlets (top and bottom).

INTRODUCTION

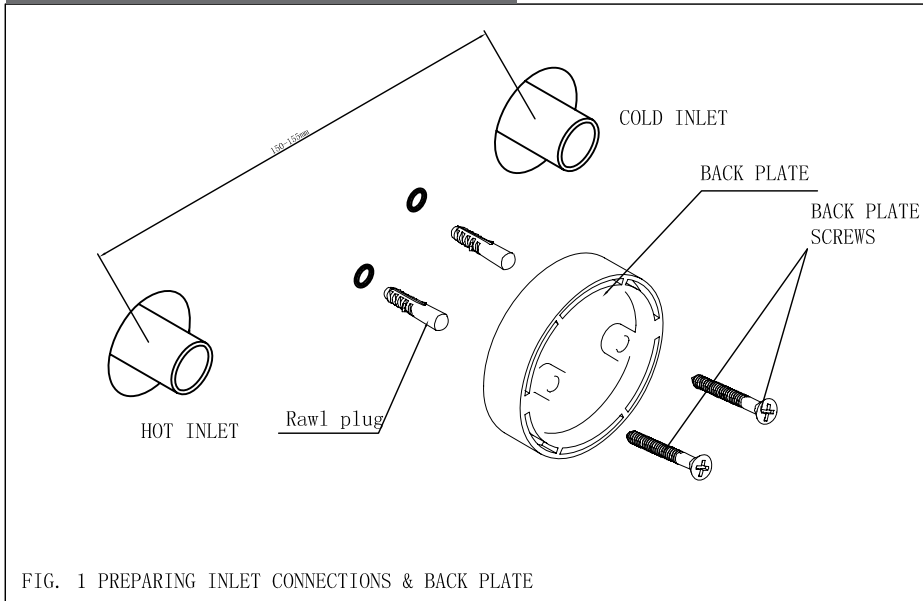
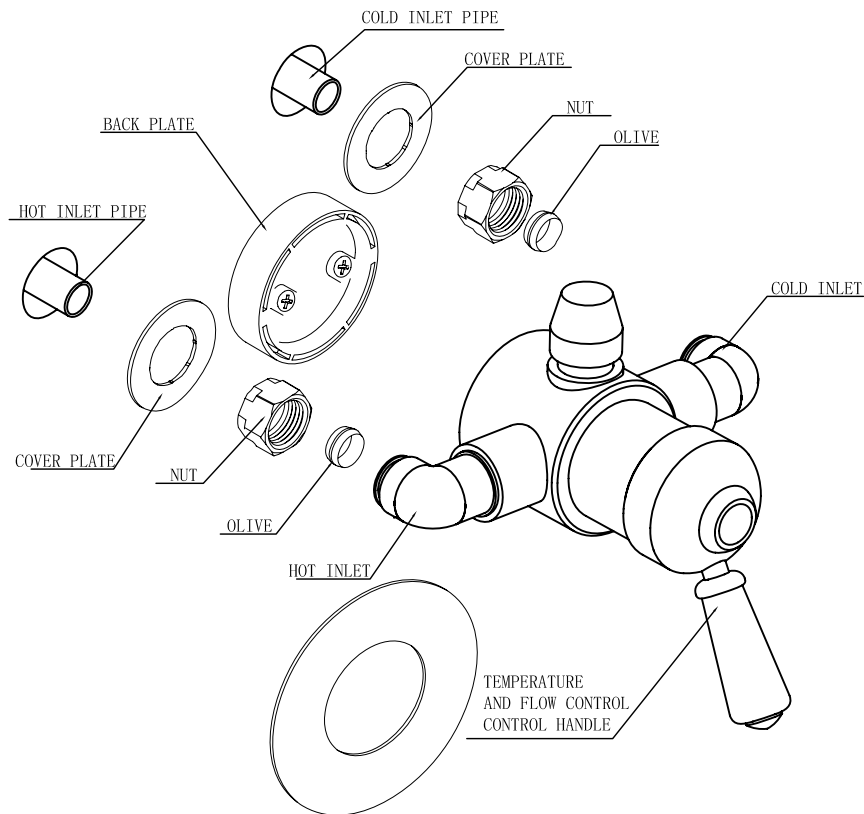


FIG. 1 PREPARING INLET CONNECTIONS & BACK PLATE



INTRODUCTION

First shut off your water heating system, then with your mains stop cock closed. Open the lowest hot and cold taps in the house and allow to run until the cold storage tank and pipes are empty (the hot water storage cylinder always remains full).

When combination boilers are fitted it is only necessary to turn off the boiler and shut off the incoming mains.

Fitting isolating valves to the inlet feeds is recommended for ease of maintenance.

INSTALLATION

⚠ Remember to turn off the mains water supply before connecting to any existing pipe work.

⚠ Warning! Please check for any hidden pipes and cables before drilling holes in the wall.

Preparation.

Prepare the supply pipes (hot on the left and cold on the right) at the required height with a width of 150mm centres, making the ends of the pipes 25mm out from the face of the wall, see fig 1.

Remove the nuts and olives and place the valve over pipes, mark the position of the back plate and remove. Remove the back plate from the valve by loosening the grub screw underneath, position the back plate onto the wall with the grub screw at the bottom and mark the position of the 2 holes. Drill the 2 x 6mm holes to a depth of 35mm and insert the wallplugs. Fix the back plate to the wall with the supplied screws.

Slide the cover plates onto the nuts and position on each pipe with the cover plate against the wall, slide an olive onto each pipe. Push the valve over each pipe and into the back plate, tighten the 2 nuts onto hot and cold inlet, and then the grub screw underneath the valve. Finally connect the valve and the riser.

Note: There is the option to fit the valve as described and then move the stopper from bottom outlet to the top. This will allow for a flexible hose to be used.

Having first checked all new connections, turn on the mains stop cock, close all taps except the new valves and as the system starts to refill check for leaks.

Once you have satisfied with yourself that there are no leaks, switch on the water heating.