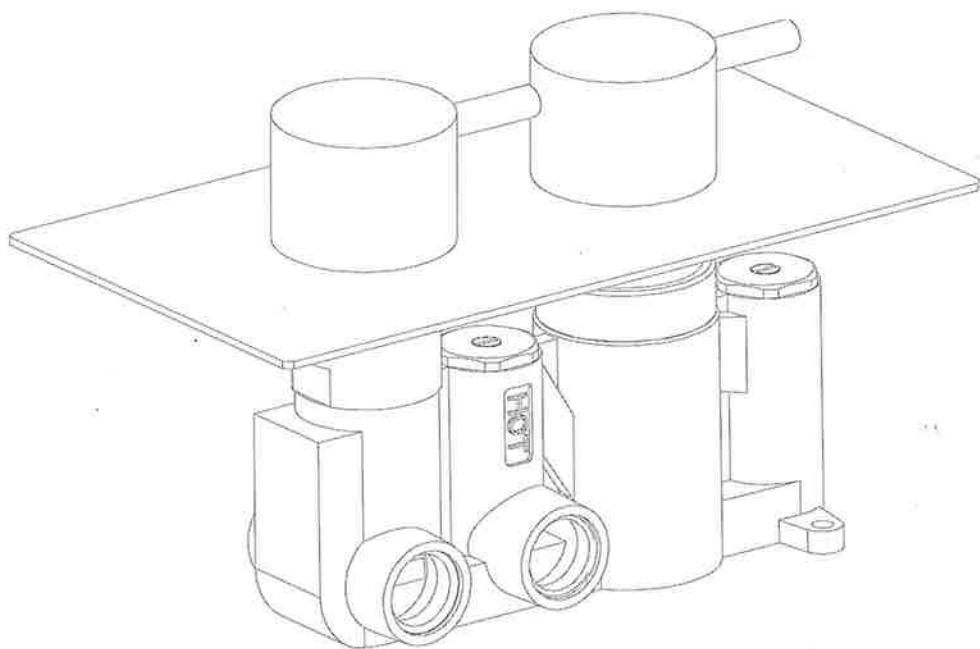


Installation Manual



Apply for following models
SHO002PL&SHO046NR

Please Follow this Instruction Carefully before Installation



TECHNICAL DATA

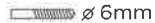
Conditions of use for thermostatic mixer valves.

	Low Pressure BS1297	High Pressure BS1111
MAX Static (BAR)	10	10
Flow Pressure (BAR) Hot and Cold	0.2 - 1.0	0.5 - 5.0
Hot Supply (°C)	55 - 65	55 - 65
Cold Supply (°C)	MAX 25	MAX: 25
Mixed Water (°C)	Recommended: 42 MAX: 43	Recommended: 42 MAX: 43

TOOLS YOU MIGHT NEED



Electric Drill



Drill Bit



Hammer



Tape Measure



Pencil



Cross Head
Screwdriver



Screwdriver



Silicone & Gun



PTFE Tape



Spirit Level

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 by laws. The valve in this range is 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 is 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.

Preparation and by law requirements

This valve is single flow so the hot and cold water mix in the body. Water by laws 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 tap. These are not supplied. Where combination boilers are fitted it is only necessary to shut off the incoming mains and turn the boiler off.

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.

MAINTENANCE

Before carrying out any maintenance remember to turn OFF all mains water and turn ON the isolating Valves.

The Concealed thermostatic valve should give trouble free service, but in the event of Failure, servicing is straight forward.

THERMOSTATIC CARTRIDGES

To remove the thermostatic Cartridge.

Remove the handle using the correct size spanner Unscrew and remove the cartridge Wash the cartridge with clean running water and make sure that any trapped debris has been removed. Dry and lightly grease the seals(only use silicone grease). Screw the cartridge back into the body. Push the handle onto the splines tightened the screw, refit the cap.

FLOW CONTROL CARTRIDGE

The Flow Control Cartridge used ceramic discs which normally last indefinitely unless debris manages to get between them. Wash the cartridge with clean running water, dry and lightly grease the seal.

CLEANING

AFTERCARE INSTRUCTIONS

Whilst this item has a high quality durable finish, it should nevertheless be treated with care. Surfaces should be cleaned using only a damp cloth and clean water & dried using a soft cotton cloth. Bath/shower cleaning products, even non scratch ones could damage the finished surface.

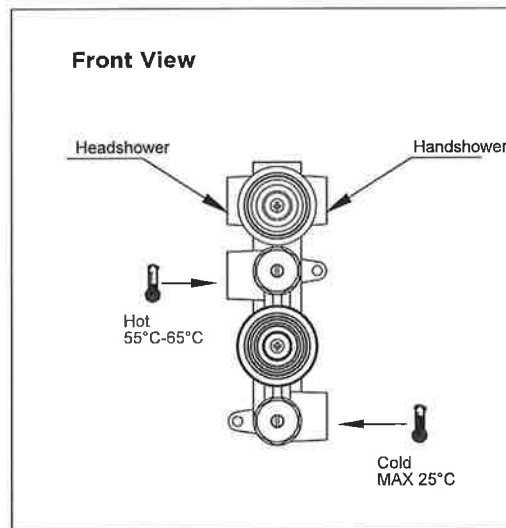
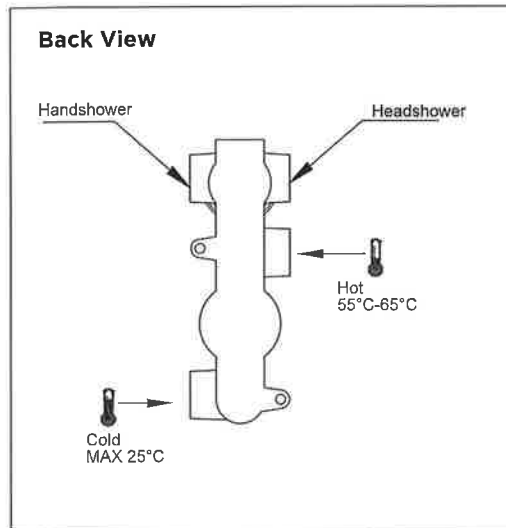
INSTALLATION



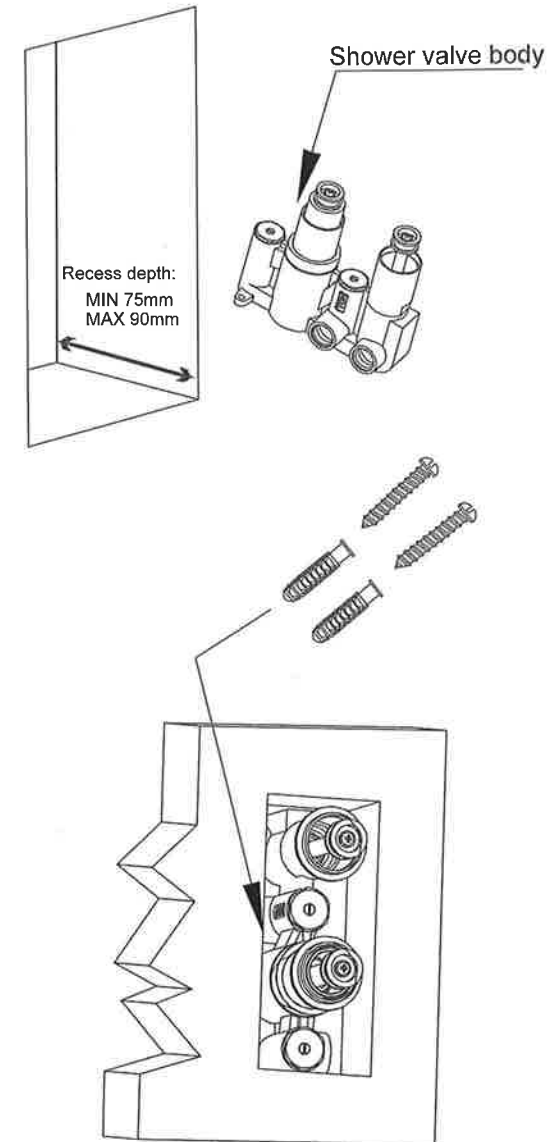
Remember to turn off the mains water supply before connecting to any existing pipe work



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



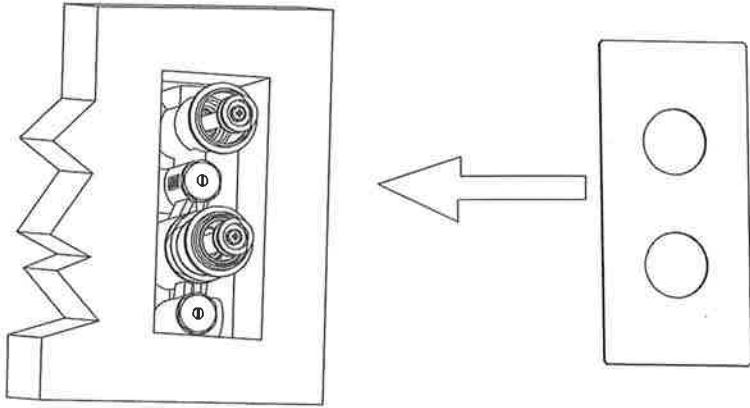
Determine the position of the shower valve and prepare a recess. Mount the valve using the fixings supplied. When the valve is securely mounted into the wall make the plumbing connections using PTFE tape. Do not use tapered threaded adaptors, this may damage the valve body.



Once the inlet and outlet connections have been made for the shower accessories turn on the water supply and check for leaks.

Please consult a qualified plumber for advice on pipe work if required.

Apply a small amount of silicon around the back of the face plate and slide onto the valve body.



Attach the handles and tighten the grub screws with the allen keysupplied and then fit the cover caps

