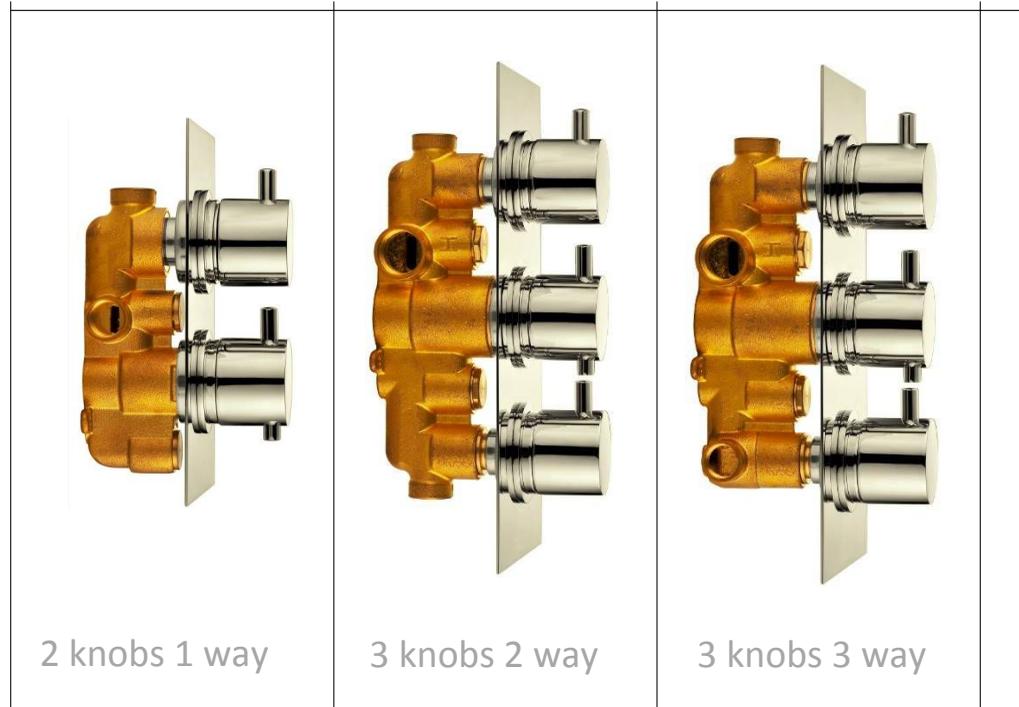


TROUBLE-SHOOTING

Problem	Solution
After installation shower only runs HOT or COLD and will not mix.	Hot & Cold supplies are plumbed the wrong way round. Remove the thermostatic cartridge, undo the 52mm AF clamp nut and pull the cartridge out (using temperature control knob to aid removal). Rotate the cartridge 180 degrees and re-assemble
Shower will not run hot enough when first installed	Maximum temperature needs adjusting, see temperature setting guide
Cold water running back through the valve into the hot water system.	Check and clean the check valve cartridges and filters located under the check valves.

CONCEALED THERMOSTATIC SHOWER MIXER VALVE installation & aftercare instruction



PLEASE READ BEFORE INSTALLATION



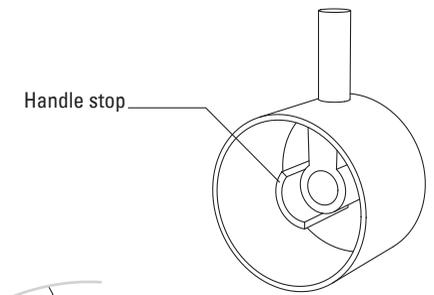
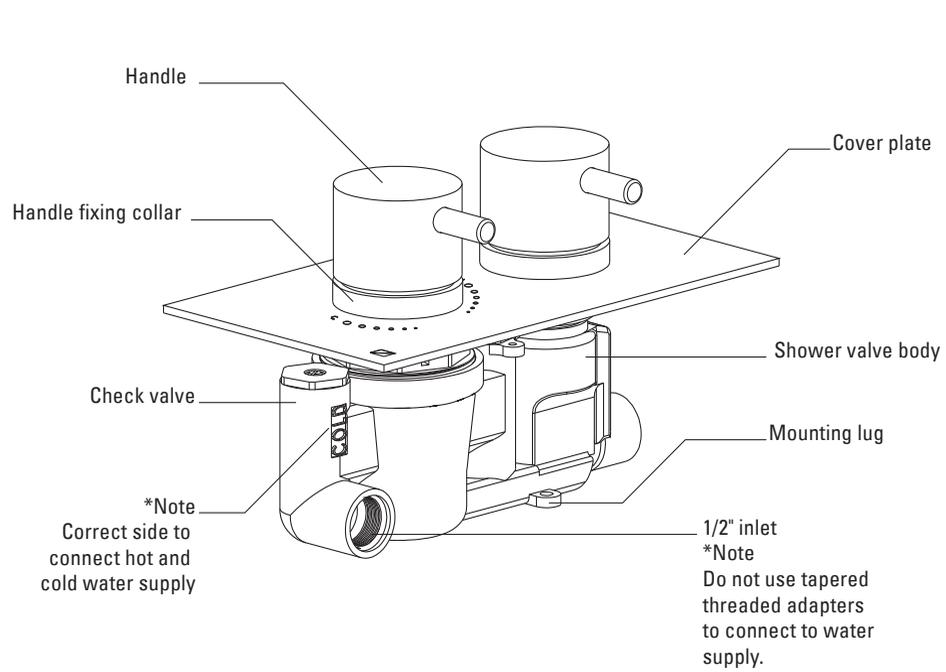
Before installation begins please check contents for completeness and transit damage.

We recommend that these products are installed by a qualified plumber.

Before drilling walls check for hidden cables or pipework

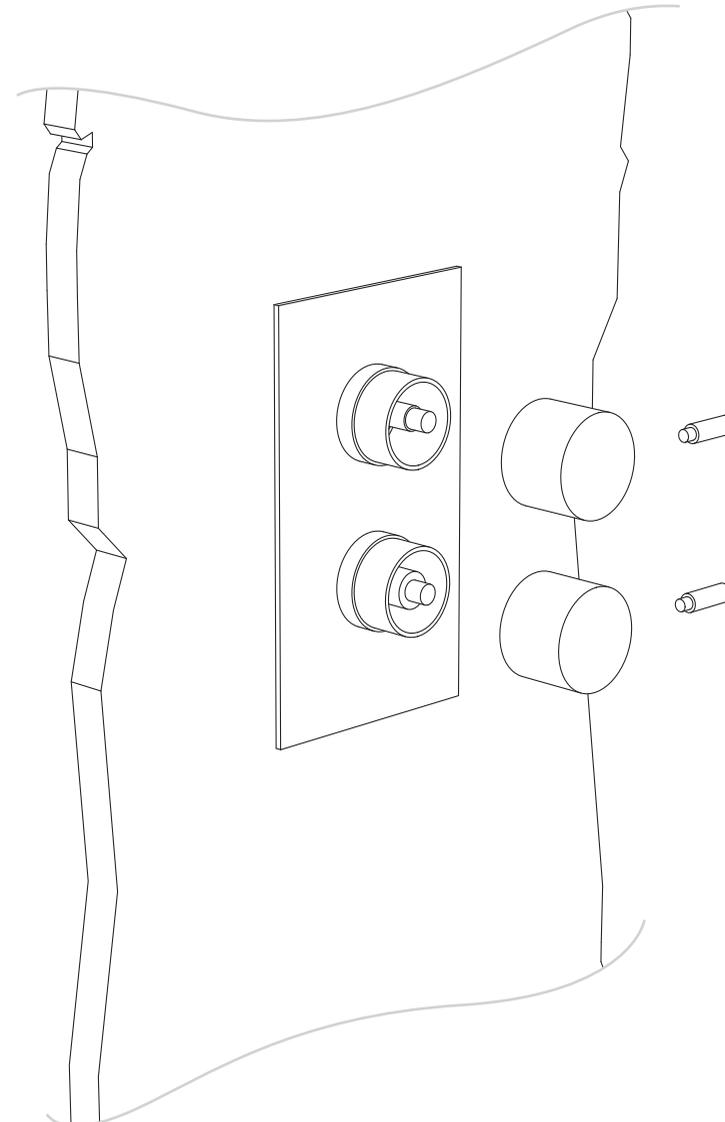
It is good practice to flush pipework for a few minutes before installing taps to minimise the chances of debris blocking/damaging the valve.

MOUNTING DUAL AND TRIPLE SHOWER VALVES



- 1.** Determine the mounting position for the shower valve.
- 2.** Prepare the recess in the wall in which to mount the valve. Ensure the cover plate will hide the cut recess after installation of the valve.

The depth of the recess for both these valve types should be: MIN 70mm, MAX 90mm.
- 3.** Mount the valve in the recess using the fixing lugs and supplied fixing screws to secure (see diagram opposite).
- 4.** When the valve is securely mounted into the wall make the plumbing connections using PTFE tape. Inlets and outlets are all tapped 1/2" BSP. **IMPORTANT:** Do not use tapered threaded adaptors, this may damage the valve body.
- 5.** Connect the water outlet to the valve primary outlet connection e.g. shower head
- 6.** Triple inline valves only: Connect the secondary outlet to the auxiliary connection e.g. body jets or secondary shower handset.
- 7.** Turn on the water supply and test all pipe work for leaks.
- 8.** Remove Hot & Cold check valves, flush out the installation, clean the filters and refit. Re-check pipe work and valve for leaks.



SETTING THE TEMPERATURE OF THE THERMOSTAT AND INSTALLATION OF THE HANDLES

Fitting the Temperature Control Handle:

Check the valve after installation to ensure it operates at the correct outlet temperature. To set the maximum temperature rotate the spindle of the thermostat until the maximum showering temperature is reached (clockwise for cold, anti-clockwise for hot) It is recommended showers do not exceed 44°C.

The handle temperature limiting stop is situated on the underside of the handle body. Fit the handle onto the thermostat spindle so that the stop inside the handle butts up against the right hand side of the fixed stop on the thermostat body.

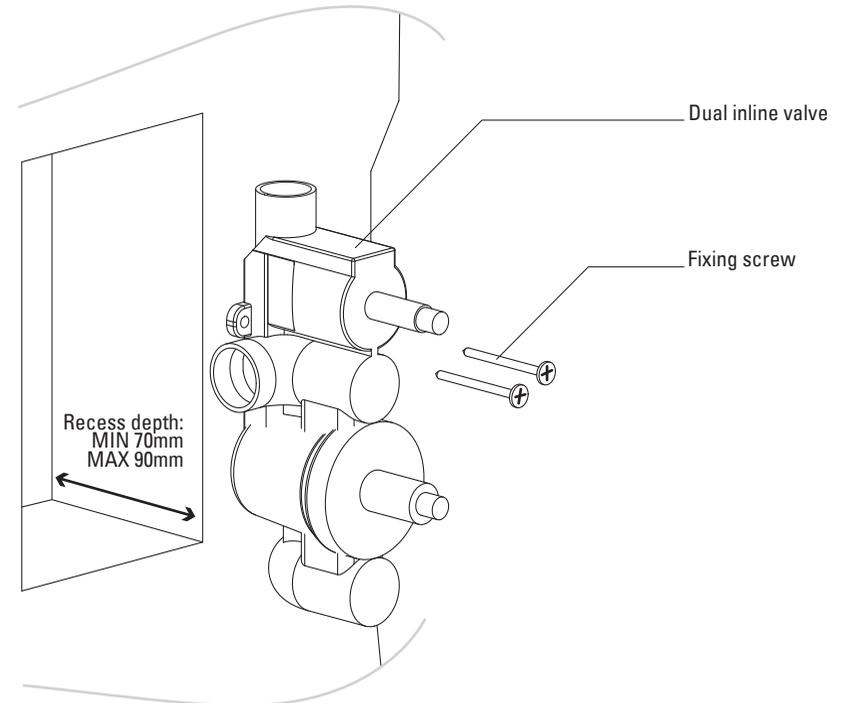
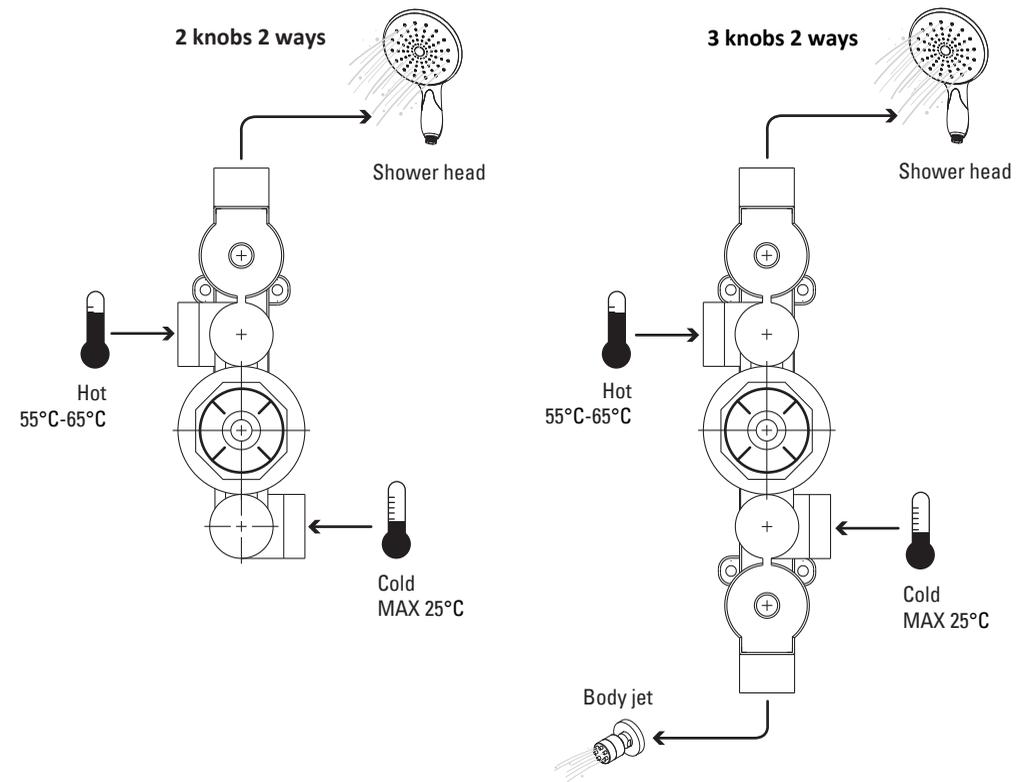
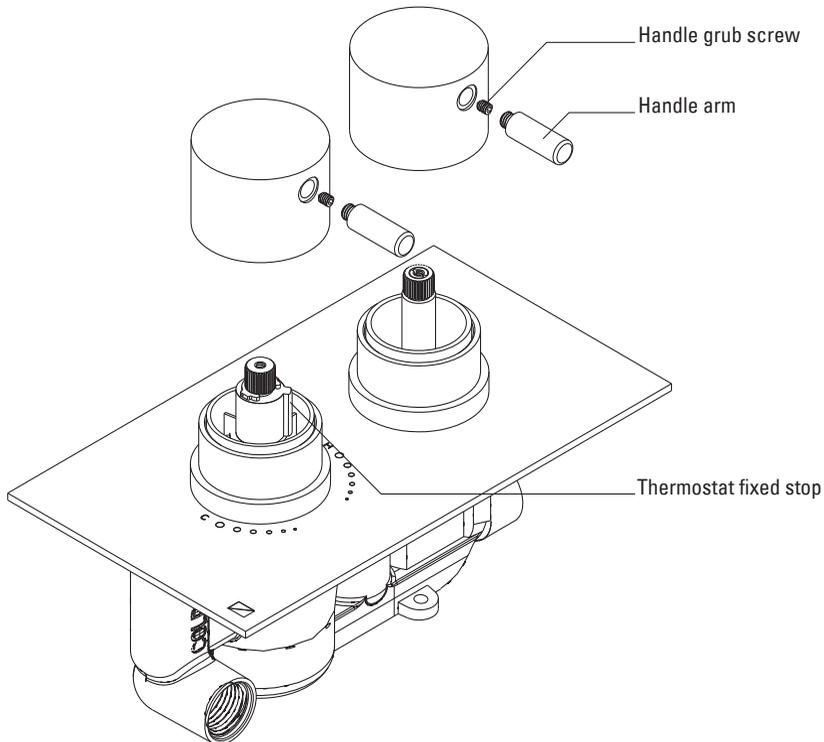
This will prevent the handle from turning beyond the maximum desired temperature. When correctly fitted the handle should only be capable of being turned from the stop in the direction of the cold arrow.

Screw the temperature control knob firmly in position using the grub screw to the side of the handle (For Wessex style handles only, secure the handle by removing the indices cover at the top of the handle and tightening the screw into the top of the thermostat spindle) Check once more the maximum desired temperature can not be exceeded.

The valve temperature should never exceed 46°C.

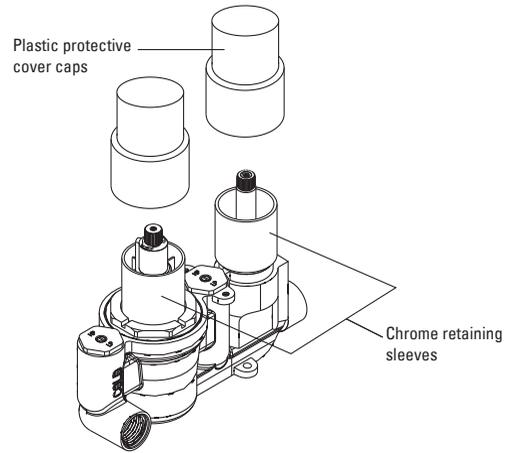
Fitting the Flow Control Handles:

Fit the remaining handle(s) onto the on-off flow control, by tightening the grub screw at the side of the handle. Triple handle valves have an additional on-off outlet to allow for control of secondary components e.g. body jets or shower heads.

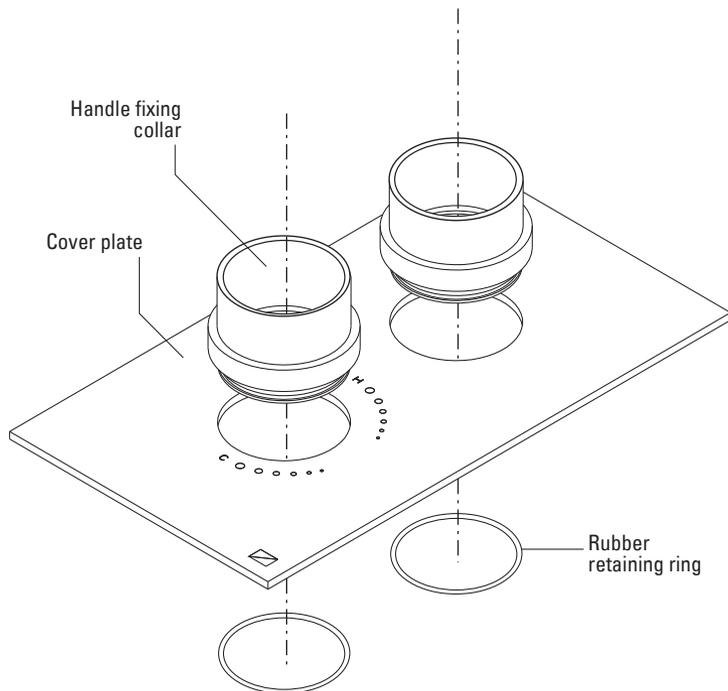


ASSEMBLY OF COVER PLATE

9. The valve is supplied with plastic protection covers. These can be left in place to protect the thermostat until assembly of the plate and handles and final commissioning of the valve is required. At this time, remove the protection cover whilst keeping the chrome retaining sleeve in place over the thermostat body.



10. Insert the fixing collars (packed inside the handle box) through the holes in the cover plate and secure to the back of the plate using the black rubber retaining rings supplied. See below.



11. Apply a small bead of silicone behind the front cover plate and slide over the body into position. Smooth off against the wall finish.

