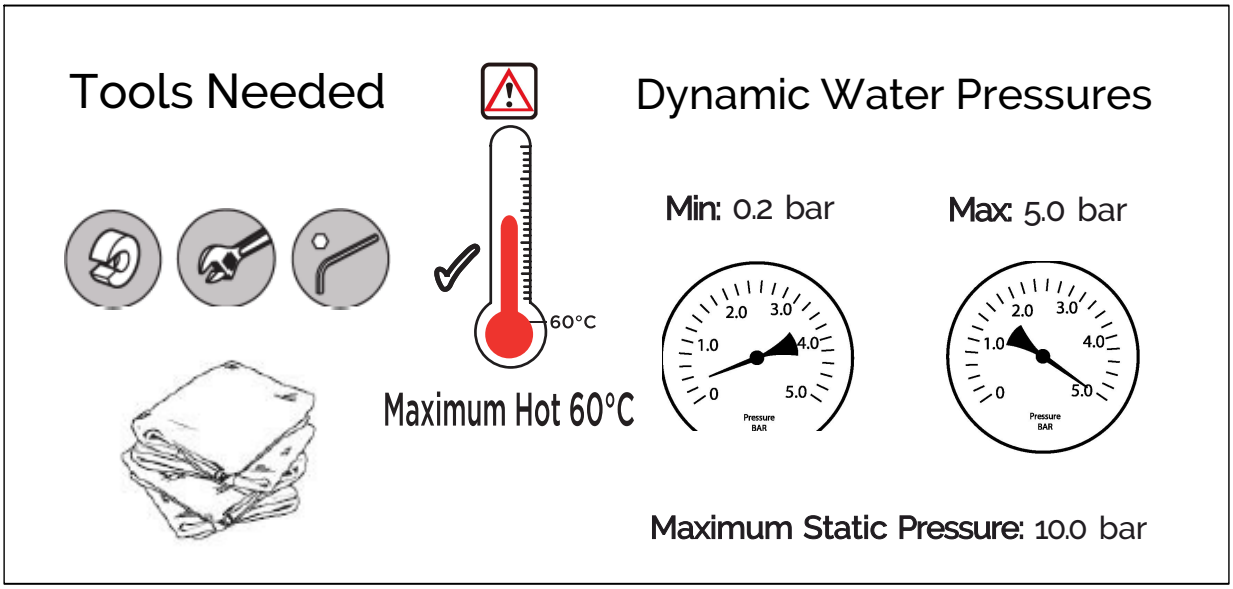
INSTALLATION MANUAL

Bramley
One-Way & Two-Way
Thermostatic Shower

Version 1 - 12 24



1. NOTES FOR INSTALLATION

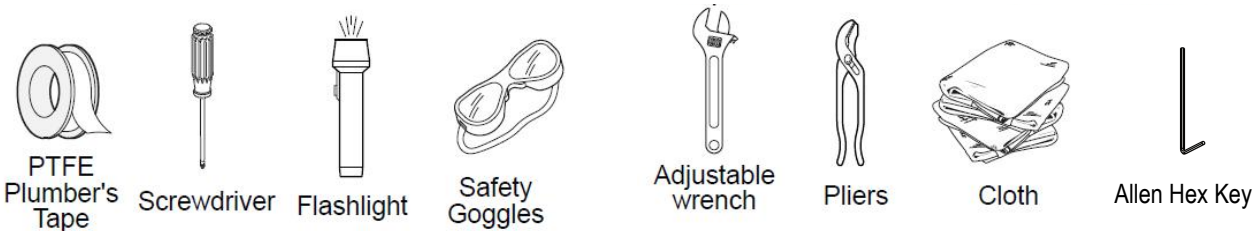
Warning: Please read the instructions completely before proceeding.

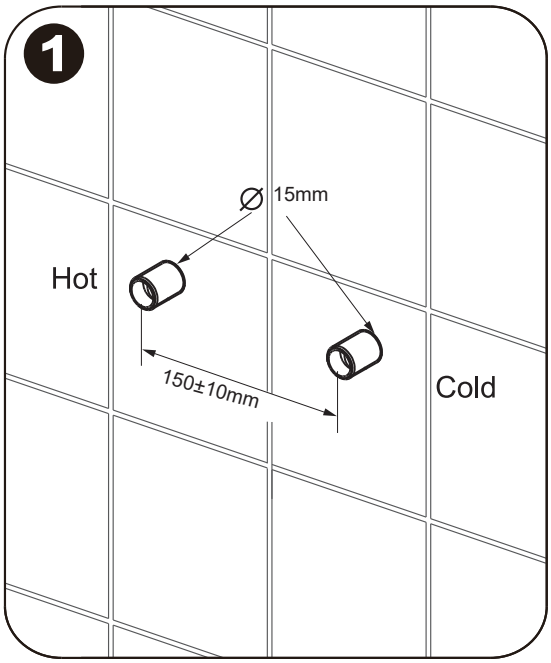
1) The installation must comply with the "Water Supply Regulations 1999 (Water Fittings) any particular regulations and practices specified by the local water company.
2) Minimum and Maximum working pressure : 0.2 - 5 bar. If the pressure exceeds 5.0 bar, a pressure relief valve MUST be installed.
3) The shower valve must be installed on strong wall/surface which can support the weight of the valve.
4) Please do not connect hot and cold water supply lines in reverse. This could result in scalding.
5) The hot water temperature must not exceed 60°C. Exceeding 60°C may cause scalding, the service life of your shower might be shortened, or the product might be damaged.
6) The temperature marking is pre-set at the factory. The temperature can vary +/- 2 degrees which is within normal safety standards.
7) The working pressure of both cold and hot water must not vary by more than 20%.

2 SHUT OFF WATER SUPPLY

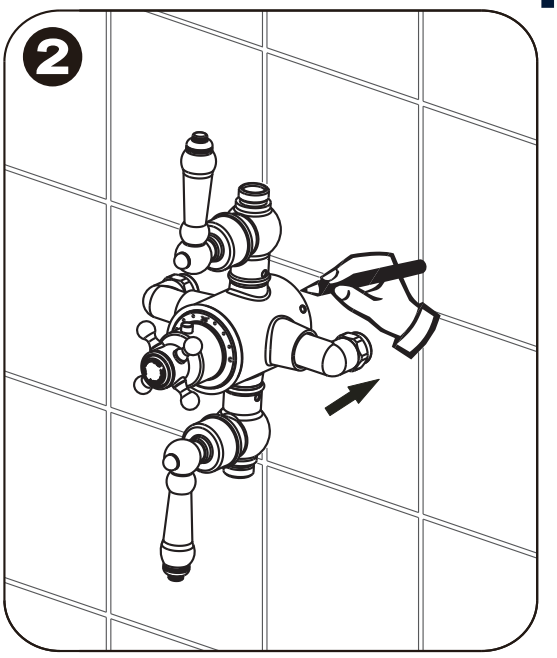
Locate water supply inlets and shut off the water supply valves. These are usually found under the sink or near the water meter.

3 TOOLS RECOMMENDED

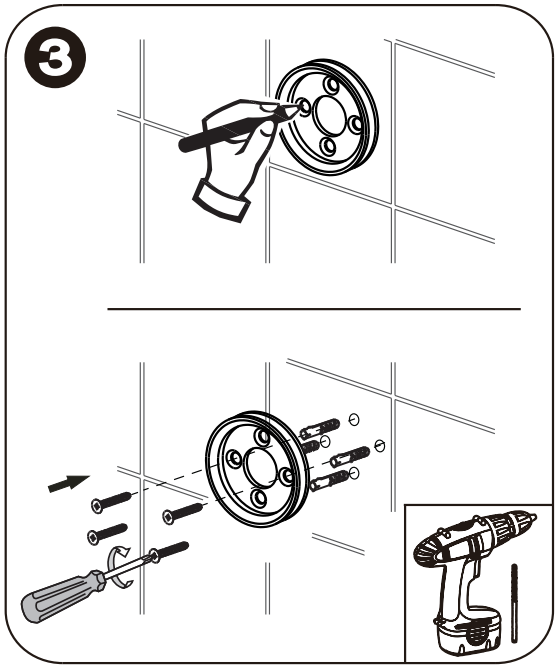




1.Leave 150±10mm between inlet pipework centers and about 25mm out from the finished wall surface.



2.Put the shower mixer against the wall and mark the position of the valve body. Then using a hexagon spanner unlock the securing grub screws to remove the mounting bracket from the shower mixer.



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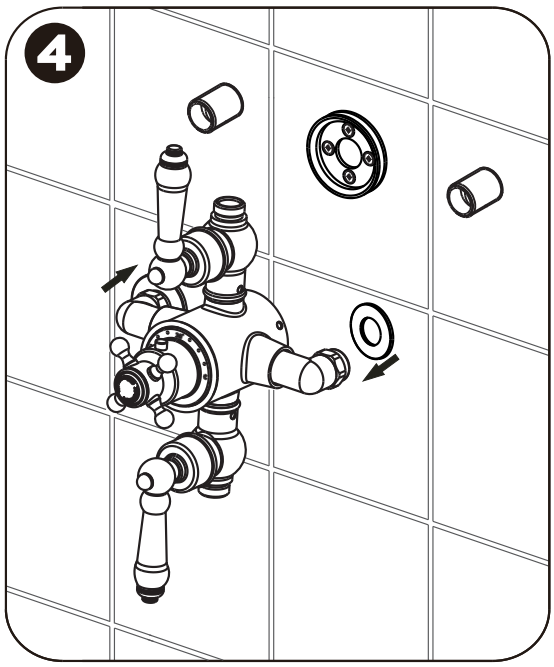
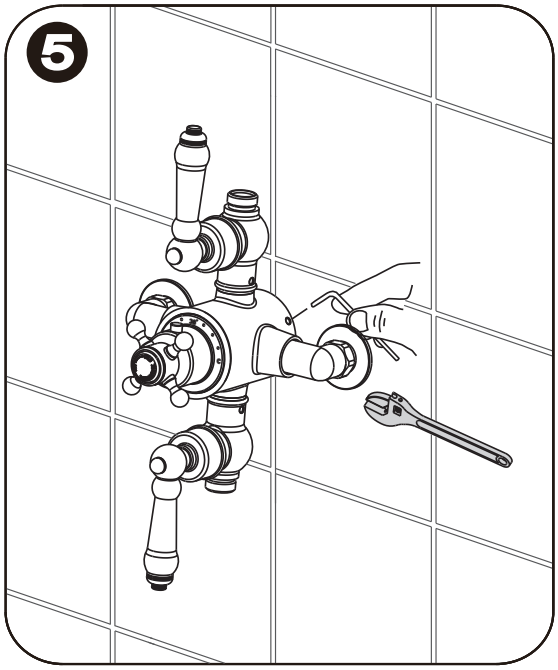
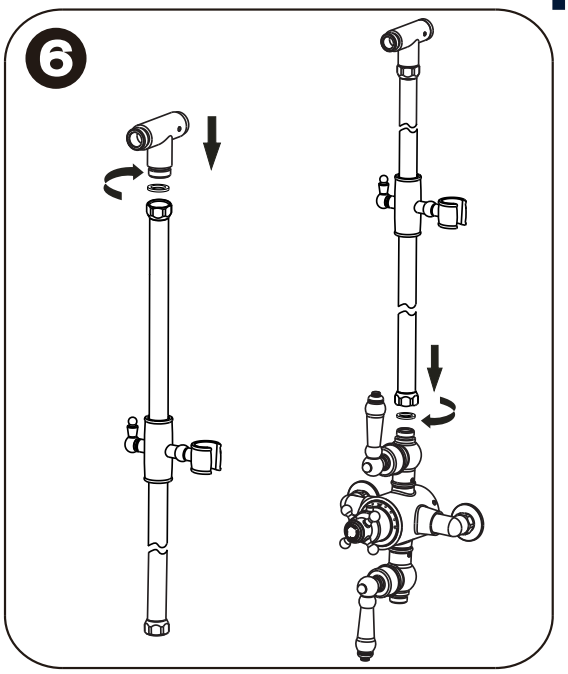


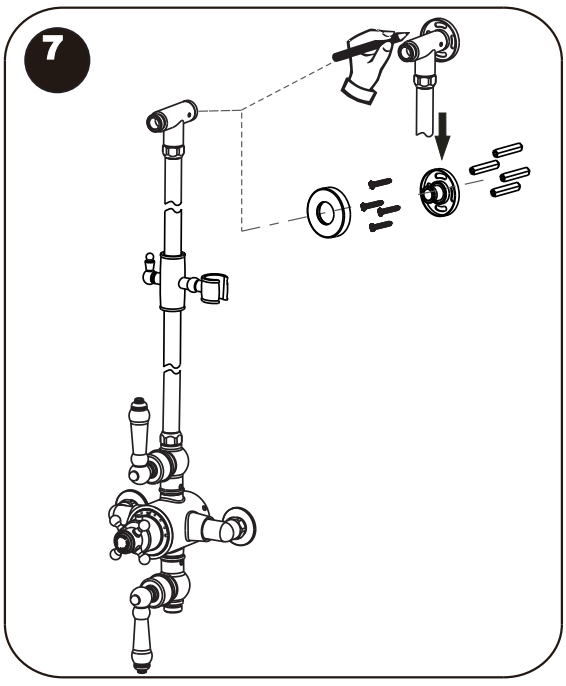
4. Place the chrome cover discs over the compression nuts on either of the shower mixer and align the mixer to the inlet pipes and onto the mounting bracket.



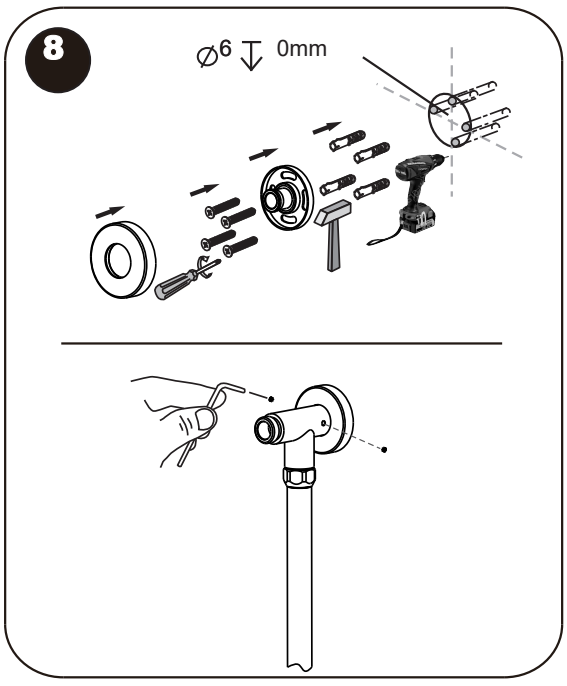
5.Carefully tighten up the compression nuts to hold the mixer in place. Ensure the shower mixer outlet is pointing in the correct direction (with the hot feed on the left side marked with a red indicator). Replace the locking grub screws to hold the mixer onto the wall bracket.



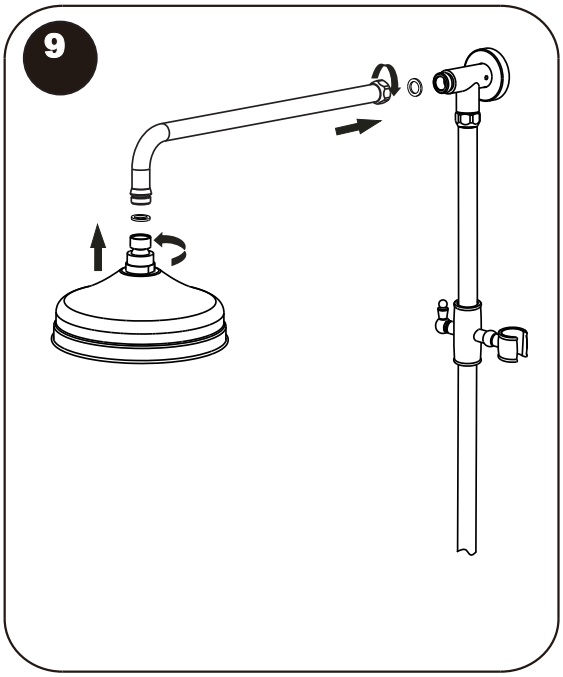
6.Connect the elbow onto the riser and then install all parts of riser to the shower mixer.

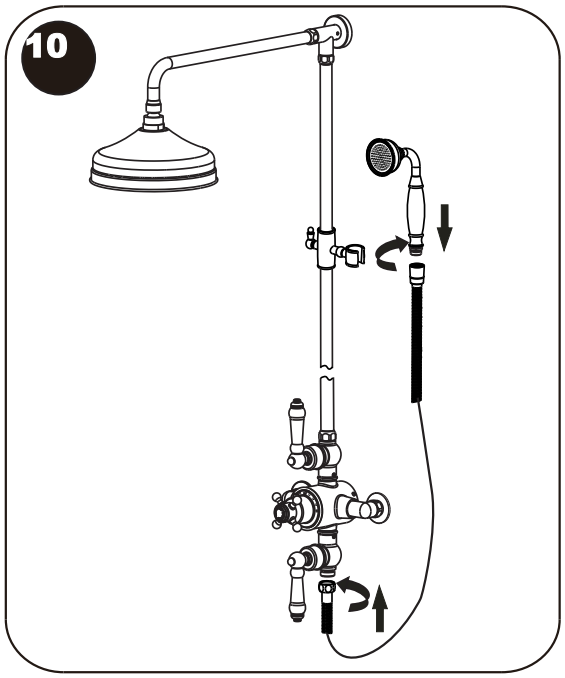


7.Fix the wall bracket onto the elbow, then put against the wall and mark the position of the wall bracket. Use this as a guide to mark 4 x fixing holes.



8.Drill 4 x holes in the wall then insert the plastic wall plugs and attach the wall bracket, using the supplied screws. Ensure the wall bracket is firmly attached to the wall. Cover with the chrome ornament and connect with elbow, replace the locking hexagon screw to hold the riser.





9.Insert the shower arm into the elbow and lock the nut, fit the shower head onto the shower arm.

10.Connect the hand shower and hose to the mixer depending on the design, check that all connections are tight.

11.Turn the flow control handle fully on to start the water flow from head shower or hand shower.

12.Turn the thermostatic handle fully clockwise, this is the maximum cold temperature position, ensure that the water runs cold.

13.Turn the thermostatic handle and press the button to full anti-clockwise, this is the maximum hot temperature position, ensure that the water runs hot .

14.Turn the thermostatic handle back to the central stop position and check that the water temperature settles at 38 Celsius by running the water for 5 minutes. To ensure correct operation check the temperature of the water taken at the normal flow.

TEMPERATURE RESETTING

These mixers are factory set under balanced pressure with hot supply coming in at 65˚ Celsius. If your installations are significantly different then the water temperature may vary from setting.

If the difference is too much then we recommend you to calibrate the mixer to suit requirements of your installation as follows:-

1.Turn the thermostatic handle to the stop position, remove screw cover and loosen screw inside handle.

2.Pull the handle, collar from the mixer; DO NOT remove the thermostatic control ring.

3.measure the water temperature on the outlet by thermometer, and turn the inner spindle until the 38 Celsius is achieved (turn the inner spindle anti-clockwise when the water tests colder; turn the inner spindle clockwise when the water tests hotter)

4.Once the temperature has been reached, replace the handle, so that the stop pin inside sits against the control ring.

CARE OF THE MIXER

Due care is required to maintain the mixer and care must be taken whilst cleaning.

Cleaning of this item should only be done by using a soft cloth and clean water. Do not use any chemical cleaning products or abrasive items.

If above instructions are not adhered to, this will invalidate your guarantees.

MAINTENANCE

The filters of cartridges and other parts housed inside the mixer may become dirty / clogged which could result in reduced flow and inefficient valve operation.

To clean, please remove the thermostatic cartridge from the housing to clean its filters.

1. Shut off the water supply with isolating valves on both hot/cold inlets.

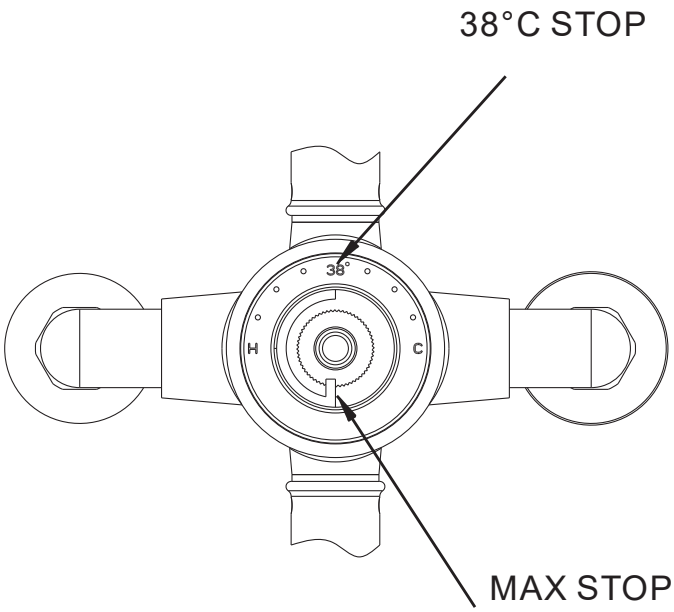
2. Unscrew the handles by unscrewing the cover and holding screws.
And pull out the handle, collar, ceramic plate and temperature control ring

3. Now remove the cartridge with a wrench or similar tool.

4. Rinse the filters to remove dirt thoroughly, soak them in a de scaling agent or even vinegar. Do it as thoroughly as possible.

5. The housing of the thermostatic cartridge must also be cleaned thoroughly with a wet cloth. The O rings of the cartridge should be greased too.

6. Now reassemble the cartridge ensuring temperature control ring point to 12 o'clock position.



7. Finally, make sure everything is secure and tight. Water supply can now be turned on from the isolating valves.
8. Ensure you are happy with it at this stage, check water temperature and if not ok then calibrate as explained above.

TROUBLE SHOOTING

If you followed the instructions carefully and your mixer still does not work properly, take these corrective steps.

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©úljů́glj ljǵ ų Ɯǵʊ ï ljúʊǵ ljƀƀ čƀů́Ę	●No hot water reaching mixer ●Filter block ●If the fault has been present since the mixer was installed it is possible that the inlets were installed incorrectly ●The water supply will be colder in winter months due to outside temperature	●Check the water supply for any blockages ●Remove filters and clean ●Check installation-Hot on the left /cold on the right ●It may be necessary to adjust the hot supply. i.e. increase the hot water temperature setting on boiler
Outlet temperature too hot	●No cold water reaching mixer ●Filter block ●If the fault has been present since the mixer was installed it is possible that the inlets were installed incorrectly ●The water supply will be hotter in summer months due to outside temperature	●Check the water supply for any blockages ●Remove filters and clean ●Check installation-Hot on the left /cold on the right ●It may be necessary to adjust the hot supply. i.e. decrease the hot water temperature setting on boiler

Only hot or cold water from valve outlet	● Possible that the inlets have been installed the incorrect way around ● If only cold water is coming out of the mixer it is possible there is a cartridge fault ● Filters blocked	● Check that the inlets are installed correctly-Hot on the left/cold on the right ● Remove and check the condition of the thermostatic cartridge ● Remove filters and clean
Cannot Adjust temperature	● Possible that the cartridge is sticking due to a lime scale build up ● Over ride temperature manually	● Remove the thermostatic cartridge and service ● Remove the temperature handle by removing the end cap and center retaining screw turn the flow of water on fully and turn the cartridge spindle anti-clockwise to increase the water temperature and clockwise to decrease the water temperature
Poor flow rate	● Insufficient water pressure ● Filters partially blocked ● Flow valve not fully opening	● The required minimum water pressure is 0.5bar(5Mpa) ● Remove filter and clean ● Remove and check the condition of the flow mixer
Water leaking from showerhead when the valve is turned off / closed	● This can be normal for a short period of time after the shower has been used ● Check that the pressures do not exceed that stated for the product ● Flow valve leaking	● N/A ● If pressures are too high adjust as necessary, refer to technical data ● Remove and check the condition of the flow mixer
Water leaking from shower valve / controls	● Leaking from flow mixer ● Leaking from thermostatic cartridge ● Check that the pressures do not exceed that stated for the product	● Remove and check the condition of the flow mixer. ● Remove and check the condition of the thermostatic cartridge. ● Check that the pressures do not exceed that stated. If pressures are too high adjust as necessary. Refer to technical data