



BY APPOINTMENT TO  
HER MAJESTY QUEEN ELIZABETH II  
MANUFACTURER OF KITCHEN & BATHROOM TAPS & MIXERS  
BARBER WILSONS & CO. LTD.  
LONDON

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EST. 1905

### Preparing for installation

Please check boxes and delivery notes to ensure all items are present and correct. Report any damaged or missing items in accordance with our terms and conditions: you must notify us within 3 days of delivery of any potential damage or loss from transportation.

Water fittings should be installed by a qualified plumbing engineer and must comply with current water regulations. Before installation, please consider the need for longer-term access to the area for routine maintenance.

To avoid damage to tap and shower cartridges, flush the system prior to installation ensuring that all debris and dirt is cleared including from first fixings. This is essential for the longevity of our products and failure to take these precautions will affect the warranty.

Decorative finishes can be damaged if the necessary precautions are not taken. Please ensure that products are well protected before, during and after the installation process. The use of gloves will ensure that products are not marked.

Ensure spanners and other tools are suitably lined to avoid damage to plated or polished surfaces, nuts, bolts, screws, etc. If cutting pipework, take care when securing so as not to damage surface on plated or polished surfaces.

Installation Guidance for Mastercraft PS53C2D - more details can be found in the **Thermostatic maintenance and operating manual**.

- When connecting the thermostatic valve and diverter; it's vital that the depth in the wall from back of the board to finished wall surface is set ***within the tolerance***, see first fix drawing.
- The thermostatic valve and diverter must remain fixed to the set-up board, or the warranty is voided.
- Supply pipe to the thermostatic valve is 22mm with hot on the left, cold on the right.
- Outlets on the diverter are 15mm.
- American adapters will be supplied if purchased via Barber Wilsons USA.
- Diverter can switch between the two outlets i.e. shower and hand spray. These can be set as you wish if no markings have been requested on the shower plate.



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- It's vital to refer to the drawing regarding future access area needed for servicing and maintenance. When cutting stone or tile, ensure secure fixing for plate and screw holes.
- The thermostatic valve from 1st fix will have the water pressure testing screw in place this is to pressure test the unit whilst in its 1st fix stage.
- Factory setting of temperature is set 43°C.
- Depending upon your hot and cold-water supply system and/or pressure you may need to make alterations and/or fit flow limiters to the valve. Before installing it refer to the **Thermostatic maintenance and operating manual**.
- Preparing for second fix, gloves should be worn, and every care should be taken not to damage decorative finishes.
- Place the spindle onto the diverter, use grub screw to lock in place.
- Screw diverter shield onto body, turning clockwise.
- Place the Thermostatic cover onto body. The grub screw should be at the 1 o'clock position for ease when undertaking future maintenance.
- Run a small bead of silicon round the plate from the bottom left-hand corner, across the top to the right-hand corner. Do not put on the bottom.
- Put a very small amount of grease on the black gasket, slide the plate into place.
- Secure decorative screws taking care not to damage.
- Place flange onto diverter shield. A small amount of grease will help if tight.
- The capstan head or lever can now be attached onto the diverter spindle ensuring the position is correct, tighten with grubscrew.
- The dial plate can put onto the thermostatic valve with the grub screw tightened at the six o'clock position.
- Unscrew water pressure testing screw. Water will jet out whilst live. Place the handle in the upright position press home with the heel of the hand until it hits a hard stop. Place the centre screw and "O" ring in place and tighten. Take care not to over tighten or the screw will shear. Point lever to TEPID whilst doing up the screw then when turns, just slightly it will have sealed unit.
- After installation check that the product is working correctly and it is clean, then protect if further work is taking place in the area.

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