

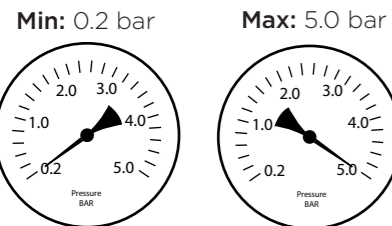
BRISTAN

Installation Instructions & User Guide

Please leave these instructions with the end user
Product Code: OP TS3650 CL C (D2)

Specifications

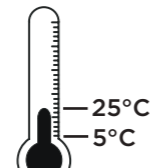
Working Pressures



Maximum Static Pressure: 10.0 bar

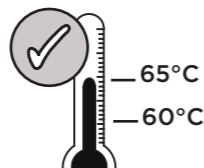
Inlet Water Temperature

Cold Water Supply



Min: 5°C Max: 25°C

Hot Water Supply

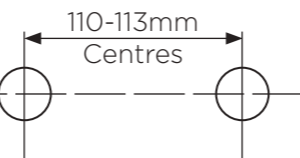


60-65°C Recommended

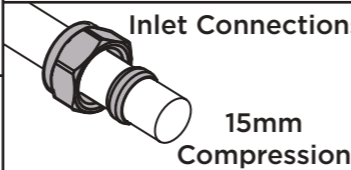
Factory pre-set
41°C

IMPORTANT
The inlet hot water must be at least 10°C above the required blend temperature.

Inlet Dimensions

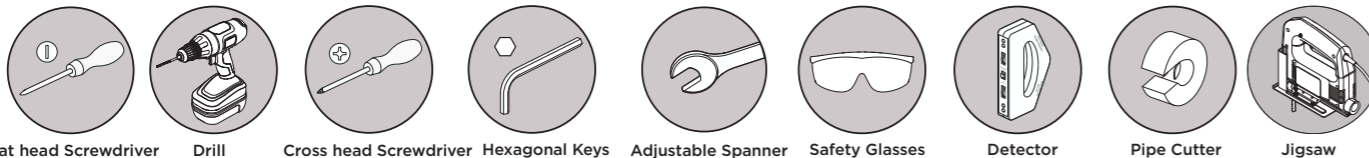


Inlet Connections



15mm
Compression

Tools You'll Need



Prior to Installation

All products manufactured and supplied by Bristan are safe to use provided that they are installed, operated and receive regular maintenance in accordance with these instructions.

This product needs to be installed in accordance with, and meet the requirements of the Water Supply (Water Fittings) Regulations 1999 and current by-laws. For full Installation Requirements & Notes (IRN) please visit wras.co.uk/directory.

Isolation valves must be fitted to the inlet water supplies to ensure ease of future maintenance.

Before installing this product the water supply must be thoroughly flushed in order to remove any swarf, solder etc.

This product must not be modified in any way as this will invalidate the guarantee.

Full access must be made available for future maintenance/servicing purposes.

Before drilling into walls, check that there are no hidden electrical wires, cables or water supply pipes. This can be checked with the aid of an electronic detector.

If power tools are used do not forget to:
- Wear eye protection
- Unplug equipment after use

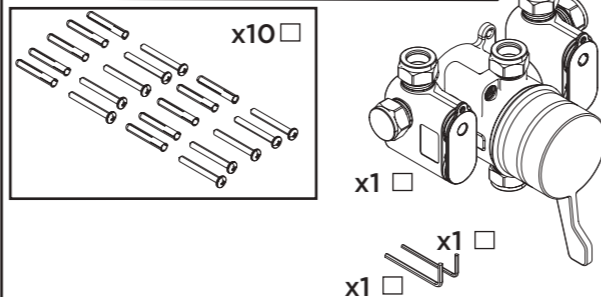
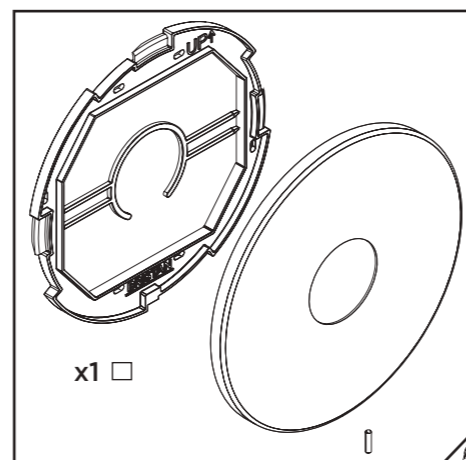
If in doubt, contact a registered plumber or your Local Water Authority or the Secretary of the Institute of Plumbing, address as follows:-

The Institute of Plumbing,
64 Station Lane,
Hornchurch,
Essex,
RM12 6NB, Tel: 01708 472791

TMV Designations:

TMV2: HP-SE
TMV3: HP-SE & LP-SE

Pack Contents



Valve Configuration

1 Choose which inlet position is required & ensure blanking caps are in place.
Alternatively both can be used for a loop pipe system.
If bottom inlet is required the elbows can be unscrewed and switched. Ensure that the flow regulators are swapped over. See Maintenance - Filters section.

2 Choose which outlet is required & ensure blanking caps are in place. Insert flexi hose adaptor if required.

3 Remove cap, unscrew grub screw using hex key. Pull off handle.

Installation

1 Install suitable batons (if required) into the cavity. Mark the position of the valve; drill and plug holes to suit. To adjust centres, unscrew elbows to desired distance.

2 Secure the valve using the screws supplied or a suitable alternative.

3 Connect water supplies.

4 Connect chosen outlet. See "Wall Outlet Installation"

5 Using a hex key remove grub screw to release wall plate.
Draw around the inside of the wall plate as a template. Break off the internal ring supports.

6 Using suitable screws fix the wall plate to the plaster board. Finish the wall surface. Rotate the concealing plate onto the wall plate. Tighten grub screw to fix.

7 Attach the handle by tightening the grub screw using a hex key. Push cover cap on.

Wall Outlet Installation (not supplied)

With rear access
Choose the location for the wall outlet and create a 25-30mm hole in the wall. Ensure your shower accessories have enough reach from that position. Finish the wall surface.

Without rear access
Fit a 1/2" female connection at the hole in the wall (not supplied).
Screw the wall outlet into the 1/2" female connection, using a suitable thread sealant ensuring the rubber seal is fitted to the back of the wall outlet.

Operation
Turn the handle anti-clockwise to increase flow and temperature.

Isolation

1 Remove cap & use a 2.5mm hex key to remove grub screw & handle.

2 Use a hex key to remove the grub screw and twist the cover plate to remove it.

3 Use a hex key in each elbow to isolate the hot & cold water supplies.

Maintenance - Elbows

1 Follow the steps in the Isolation section to isolate the water supply. Remove the safety covers.

2 Use a 10mm hex key to remove the isolation sections with integral filters. Undo the bottom port to clean/replace the check valves and flow limiters.

3 Rinse thoroughly in a suitable solution. Check O-Rings and seals for any defects, and replace if necessary.

Hot - Black
Cold - Brown

Temperature Setting

1 Turn the shower on fully to the maximum temperature let the temperature stabilise.

2 Remove cap and use a 2.5mm hex key to remove the grub screw and handle.

3 Using a hex key, turn the cartridge spindle clockwise to decrease the temperature. Turn the cartridge spindle anti-clockwise to increase the temperature.

4 Reverse these steps.

IMPORTANT
This shower is pre-set to 41°C as per TMV standards. If the maximum temperature is increased the shower will no longer comply with the TMV scheme.

Thermal Flushing

1 Follow the steps in the Isolation section to isolate the cold water supply.

2 Use the hex key to turn the thermal flushing screw until it stops at the clip.

3 Once flushing is complete, reverse these steps.

IMPORTANT
Do not remove the thermal flushing port. Unscrew until it stops on the circlip.

General Cleaning

Your fitting has a high quality finish and should be treated with care to preserve the visible surfaces.

All surfaces will wear if not cleaned correctly, the only safe way to clean your shower is to wipe with a soft damp cloth. Stains can be removed using washing up liquid.

All bath cleaning powders and liquids will damage the surface of your fitting, even the non-scratch cleaners.

Note: Never use abrasive detergents or disinfectants or those containing alcohol, hydrochloric acid or phosphoric acid.

Maintenance - Cartridge Cleaning

1 Follow the steps in the Isolation section to isolate the water supplies.

2 Remove the sleeve, temperature stop and retaining nut.

3 Remove the cartridge and soak in a suitable solution.

4 Check & replace any O-rings. Re-grease using WRAS approved grease.

5 Re-fit the cartridge.

6 Reverse these steps.

REMEMBER
To service your product!

Troubleshooting

| Symptom | Cause | Remedy |
|-----------------------------------|---|---|
| No flow or low flow rate | Partially closed isolation valve. | Open isolation valve. |
| | Instantaneous water heater cycles on and off as flow rate or pressure is too low. | Increase water flow rate or pressure through system. |
| | Head of water is below the minimum distance required. | 2 meters minimum required. |
| | Hot or cold water being drawn off elsewhere causing pressure changes or instantaneous boiler temperature changes. | Do not use other water outlets when using the taps. |
| Water dripping from shower | Airlock or partial blockage in the supply pipe work. | Flush through pipe work to ensure removal of debris and any airlocks. |
| | This is normal for a short time after using the shower. | This is caused by residual water tension, the build up of water in the shower. |
| Shower does not turn on | If water continues to drip, possibly due to the cartridge | Remove cartridge and clean, refer to 'Maintenance' section before starting any maintenance. |
| | Closed isolation valve. | Open isolation valve. |
| | Mains water supply turned off. | Turn on mains water supply. |

Servicing Intervals

To reduce the build up of limescale and to ensure this shower works to its maximum performance we recommend this shower is serviced every 6-12 months depending on the hardness of your water.

Spare Parts

To replace any spare parts for your shower why not scan the below QR Code and search for your product.

REMEMBER
To service your product!

At Bristan, we want to make things as easy as possible for our customers. That's why we offer solid guarantees on all our products, effective from the date of purchase, to give you peace of mind.

To start your free guarantee simply scan the QR code and register your product. Alternatively visit www.bristan.com/register.

For any other queries, please call our Customer Service on 0330 026 6273 where our expert team of advisors will be able to offer you any help and advice.

For full guarantee terms and conditions visit www.bristan.com/guarantees.