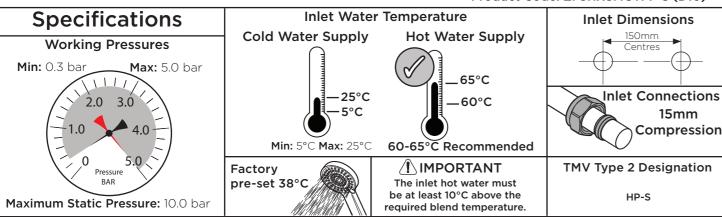
# **BRISTAN**

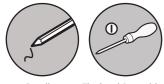
## **Installation Instructions** & User Guide

Please leave these instructions with the end user

Product Code: ZI SHXSMCTFF C (D10)



#### 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. Full access must be made available for future maintenance/

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:

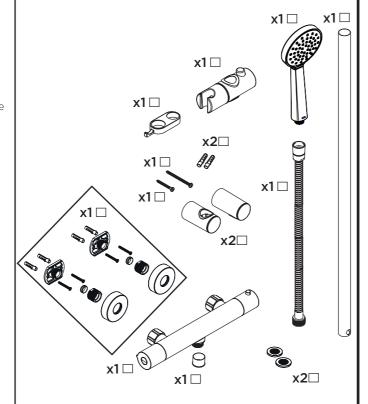
- Wear eye protection
- Unplug equipment after use

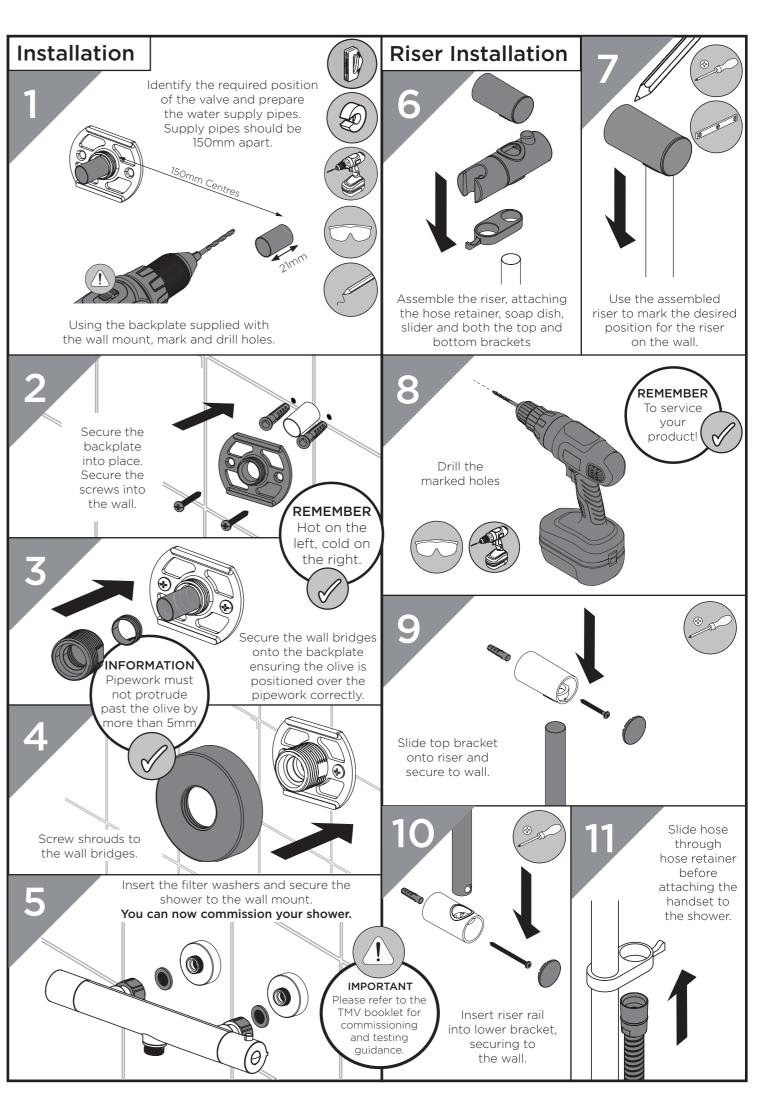
This product must not be modified in any way as this will invalidate the guarantee.

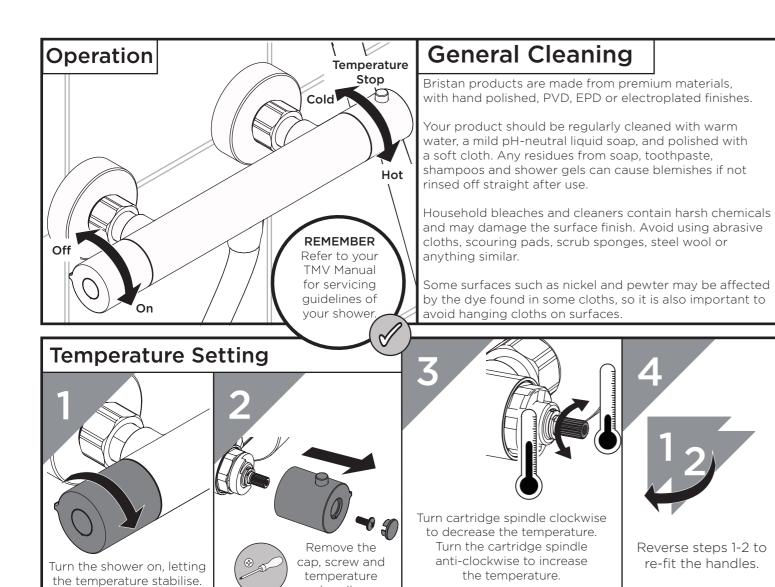
If in doubt, contact a registered plumber, your Local Water Authority or the Secretary of the Institute of Plumbing, address as follows:-

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

#### **Pack Contents**







	handle.	
Maintenance - Cartridg  Remove temperature and flow handle.	Unscrew the flow valve.	Remove the temperature stop, nut and cartridge.
Remove O-rings and soak all components in de-scaler and wash off in clean water. Examine all seals and replace if needed. Use WRAS approved silicon based grease on all seals.	Replace cartridge and turn spindle anti-clockwise to maximum temperature.	Replace the nut and temperature stop, ensure the raised side is facing towards the back of the valve.
Refer to the Temperature Setting steps to re-calibrate the maximum temperature.	Slide handle on to the temperature stop and turn clockwise until you meet resistance.	Reverse steps 1-2 to reinstall the valve and secure handles.

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.	Refer to the specification for the minimum distance required.
	Are the water supply pressures balanced?	If pressures are unbalanced, a pressure reducing valve should be used for optimum performance.
	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 shower.
	Airlock or partial blockage in the supply pipework.	Flush through pipework and filters to ensure removal of debris and any airlocks.
	Hot/Cold water supply has failed	Check the hot and cold feeds. The shower will not work if either fails.
Maximum Water Tem- perature too Hot/Cold	Maximum Water Temperature needs adjusting.	Refer to the Temperature Setting section to set your desired maximum temperature. Note: increasing the water temperature may cause the valve to be out of TMV guidelines, refer to your TMV Handbook for more information.
Outlet Water Temperature too Hot/Cold  Installtion condition operating para  Hot water temperature is the required blend Instantaneous water not is water flow rate in the required blend  Instantaneous water not is water flow rate in the required blend	Filter/pipe blockage	Flush through pipework and filters to ensure removal of debris and any airlocks.
	Installtion conditions outside operating parameters.	Refer to the specification for the minimum distance required.
	Hot water temperature is less than 10C above the required blend temperature	Adjust hot water temperature or wait for water to reheat if a stored water system is used.
	Instantaneous water not igniting because the water flow rate is too low.	Increase water flow rate through the system. Refer to the Maintenance section to clean/check the cartridge and filter for any damage. Contact your boiler manufacturer.
	Instantaneous water not igniting because the water pressure is too low.	Refer to the specification for system requirements. Increase water pressure through the system. Contact your boiler manufacturer.
Only hot/ cold water from Shower Valve	Inlet water supplies are reversed.	Check the water inlet connections are the correct way around: Hot on the X, Cold on the X when viewed from to front. Rework pipework as necessary.
	Filter/pipe blockage	Flush through pipework and filters to ensure removal or debris and any airlocks.
Water dripping from shower	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.
	If water continues to drip, possibly due to the cartridge	Remove cartridge and clean, refer to 'Maintenance' section before starting any maintenance.
Shower does not turn on	Closed isolation valve.	Open isolation valve.
	Mains water supply turned off.	Turn on mains water supply.

#### Our Guarantee

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/service-centre/guarantees.

Bristan Group Ltd.

UK: Bristan Group, B78 1SG.

Masco Europe S.à.r.l., 14 Rue Strachen 6933 Mensdorf, Luxembourg.

**Customer Service:** +44330 026 6273 Web: www.bristan.com Email: enquire@bristan.com

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