# **BRISTAN**

# **Installation Instructions** & User Guide

Please leave these instructions with the end user

Product Code: ZI SHXDIVSMFF C (D1)

#### Inlet Water Temperature Inlet Dimensions **Specifications Cold Water Supply Hot Water Supply** 150mm **Working Pressures** Centres Min: 1.0 bar **Max:** 5.0 bar -65°C -25°C -60°C −5°C Inlet Connections Min: 5°C Max: 25°C 60-65°C Recommended /I IMPORTANT Threaded Factory pre-set The inlet hot water must

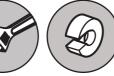
Maximum Static Pressure: 10.0 bar Tools You'll Need













be at least 10°C above the

required blend temperature





3/4" BSP

Connection

# **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/ 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

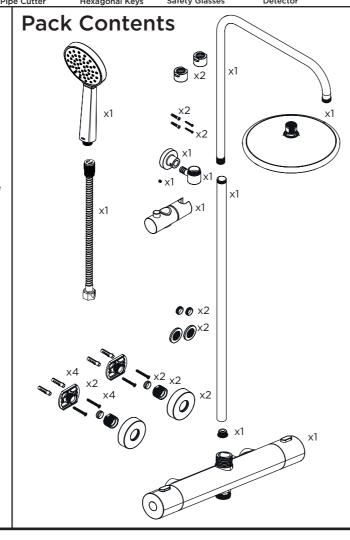
If power tools are used do not forget to:

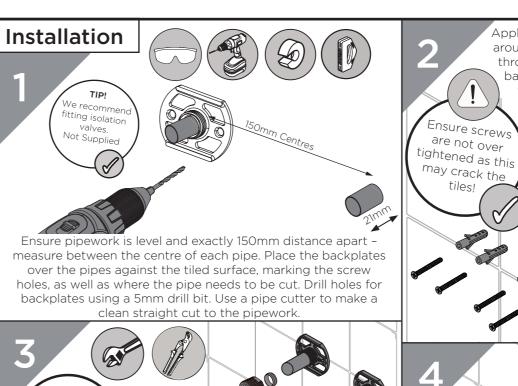
- Wear eye protection
- Unplug equipment after use

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





REMEMBER hot on the left, cold on the

Slide olives onto pipes and then connect the threaded connectors to the backplates. Grip the back plate with pipe pliers whilst creating olive connection using adjustable spanner on the threaded connector - otherwise tiling can be cracked. Then, thread over the cover shrouds and screw back to the tiles.

#### Servicing Intervals

To reduce the build up of limescale and 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.

Attach the shower body to the wall mount connectors, ensuring filter washers are in place. Ensure a cloth is placed over the chrome shower nuts before tightening with spanner to avoid scratching the surface. Turn water supplies on and check for leaks.

Apply a small amount of suitable sealant

around the pipework where it protrudes through the tiles, before then securing backplates to the tiled surface using

wall plugs and screws provided.

**IMPORTANT** 

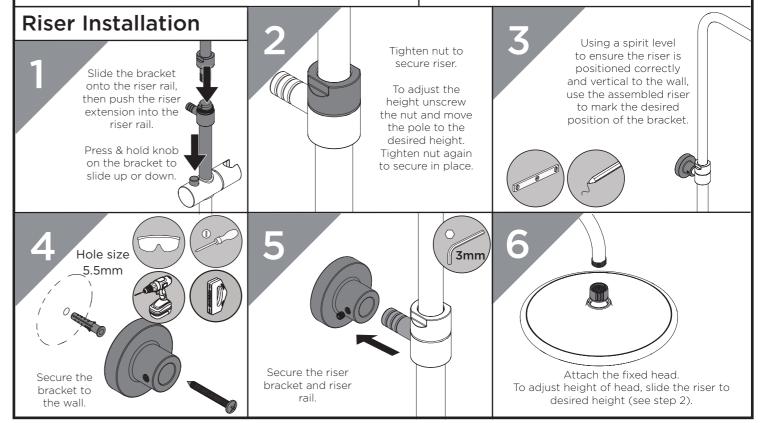
Pipework must not

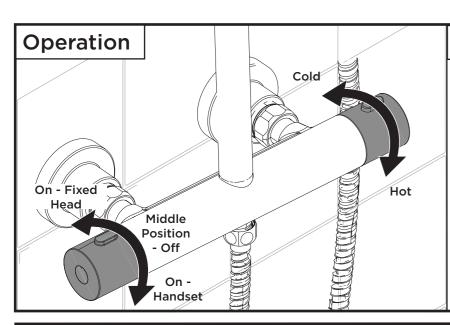
protude past the olive

by more than 5mm

Ensure screws

are not over





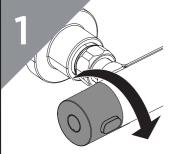
# **General Cleaning**

Bristan products are made from premium materials, with hand polishing and electroplated, PVD or EPD finishes'

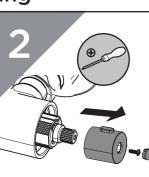
Your taps or shower should be regularly cleaned with warm water, a mild pH-neutral liquid soap, and polished with a soft cloth. Any residues from soap, toiletries etc. should be rinsed off straight after use.

Household bleaches and cleaners contain harsh chemicals and may damage the surface finish. Avoid using abrasive cloths, scouring pads, scrub sponges, steel wool or anything similar.

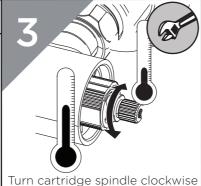
# **Temperature Setting**



Turn flow handle on for the handset and turn the temperature handle to maximum letting temperature



Remove temperature handle.



to decrease the temperature. Turn cartridge spindle anti-clockwise to increase the

temperature.

Reverse steps 1-2 to reinstall the cartridge and handle.

Remove temperature stop, and cartridge by undoing the grub screw on the bottom of the

# **Maintenance - Cartridge Cleaning**



temperature and flow handles.

Remove O-rings

ponents in

off in clean water.

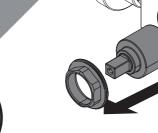
Examine all

needed.

Use WRAS approved

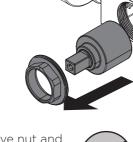
silicon based grease

on all seals.

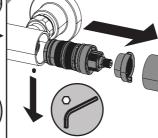


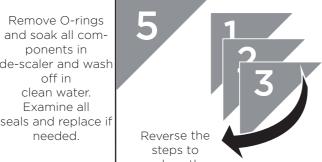
Isolate the water supply before starting!

IMPORTANT

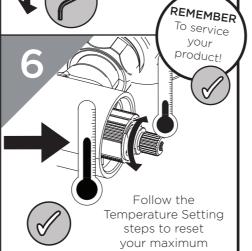


Remove nut and diverter cartridge.









temperature.

Trouble	shooting	
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 Temperature too Hot/Cold	Maximum Water Temperature needs adjusting.	Refer to the Temperature Setting section to set your desired maximum temperature.
Outlet Water Temperature too Hot/Cold	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 filters 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 left, Cold on the right when viewed from the front. Rework pipework as necessary.
	Filter/pipe blockage	Flush through pipework and filters to ensure removal of 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	Closed isolation valve.	Open isolation valve.

### **Our Guarantee**

not turn on

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**.

Mains water supply turned off.

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.

EU:

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

A Masco Company



Turn on mains water supply.

