

# BRISTAN

## Installation Instructions & User Guide

Please leave these instructions with the end user

Product Code: SAI SHDIV BB (D1)

### Specifications

Dynamic Water Pressure

Min: 0.2 bar Max: 5.0 bar



Maximum Static Pressure: 10.0 bar

Inlet Water Temperature

Cold Water Supply

Min: 5°C Max: 25°C



Hot Water Supply

65°C Recommended



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

Inlet Dimensions

150 Centres



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 [www.co.uk/directory](http://www.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 flushed and 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

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Product Code: SAI SHDIV BB (D1)

### Valve Configuration

1



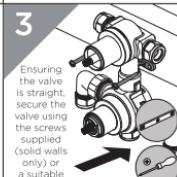
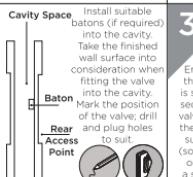
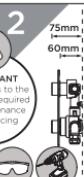
2



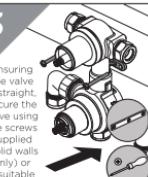
Screw the shrouds onto the valve.

### Installation

1

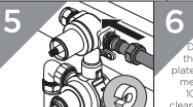


3



Ensuring the pipe is straight, secure the valve using the screws supplied (solid walls only) or a suitable alternative.

4

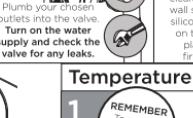


5



Draw around the concealing plate as a template, mark in by 10mm to give clearance. Finish the wall surface. Using a silicon seal, push on the concealing plate and hold firmly until set.

6

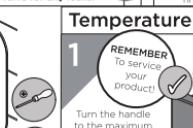


7



Temperature Adjustment

1



2



3



Fit the temperature handle back in the maximum hot position.

## General Cleaning

Bristan products are made from premium materials, with hand polished, PVD, EPD or electroplated finishes.

Your shower should be regularly cleaned with warm water, a mild pH-neutral liquid soap, and polished with a soft cloth. Any residues from soap, toothpaste, shampoos and shower gels can cause blemishes if not 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.

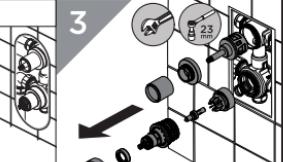
## Wall Outlet Installation

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.

## Servicing Intervals

To reduce the build up of lime scale 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.

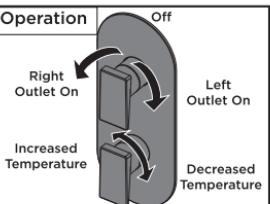
## Maintenance - Cartridge Cleaning



Remove any 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.

Reverse the installation steps, ensuring the temperature stop is aligned correctly.

## Operation



## 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.	Refer to the specification for the minimum distance required.
Hot/Cold water supply has failed	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.
	Filter/pipe blockage	Flush through pipework and filters to ensure removal of debris and any airlocks.
	Installation conditions outside operating parameters.	Refer to the specification for the minimum distance required.
Outlet Water Temperature too Hot/Cold	Hot water temperature is less than 10°C above the required cold 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 clear/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. Rewire 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 not turn on	Closed isolation valve.	Open isolation valve.
	Mains water supply turned off.	Turn on mains water supply.

## Our Guarantee

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**Bristan Group Ltd.**

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**EU:** Masco Europe S.r.l., 14 Rue Strachen  
6933 Mensdorf, Luxembourg.

**Customer Service:** +44330 026 6273

**Web:** [www.bristan.com](http://www.bristan.com)

**Email:** [enquiry@bristan.com](mailto:enquiry@bristan.com)

**A Masco Company**



**BRISTAN**

# BRISTAN

## Installation Instructions & User Guide

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with the end user

ARM CTRD02 BB (D3)

### Specifications

#### Dynamic Water Pressure

Min: 0.2 bar      Max: 5.0 bar



Maximum Static Pressure: 10.0 bar

#### Inlet Water Temperature



Maximum Hot 65°C

#### IMPORTANT

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

#### Inlet Connections



1/2" BSP

### Pack Contents

Shroud x1



Wall Arm

x1

Rubber Washer x1



x1  Backnut



### Tools Required for Installation



Pipe Cutter



Pencil



Adjustable Spanner



Drill



PTFE Tape



Safety Goggles



Electronic Detector

### 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 (Northern Ireland) 2009 and The Water Supply (Water Fittings) (Scotland) Byelaws 2014. For full Installation Requirements & Notes (IRN) please visit [www.rasapprovals.co.uk/approvals-directory](http://www.rasapprovals.co.uk/approvals-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.

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.

### Spare Parts



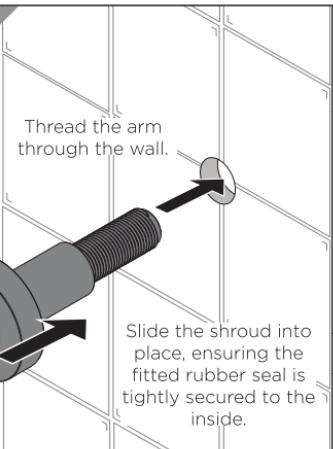
To replace any spare parts for your tap, why not scan the QR Code or visit [www.bristan.com](http://www.bristan.com) and search for your product.

# Installation



PLEASE NOTE - Products shown in these instructions are for illustration purposes only. Your product can still be installed by following these instructions.

1



2

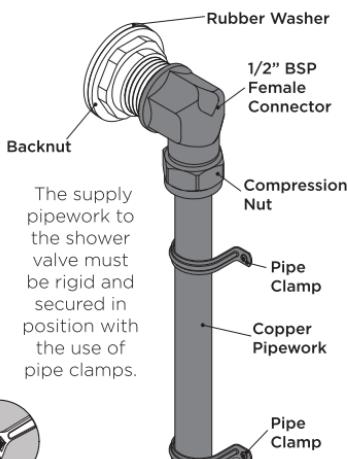
Place the rubber washer followed by the backnut onto the threaded connection.



Slide the washer towards the wall and tighten the backnut.

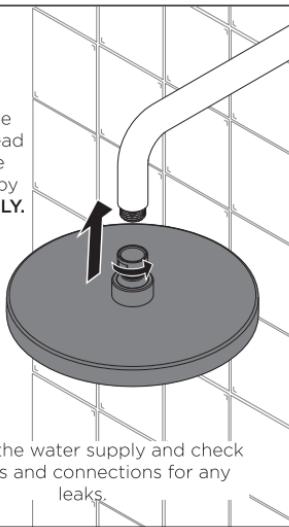
3

Connect the outlet pipework to the shower arm using a suitable connector (not supplied).



4

Screw the shower head onto the wall arm by **HAND ONLY**.



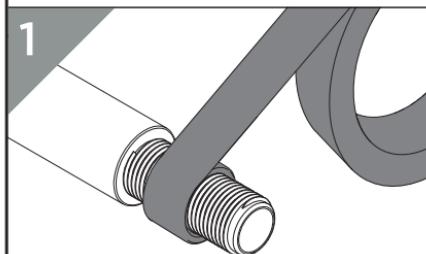
Turn on the water supply and check all joints and connections for any leaks.

# Alternative Installation



PLEASE NOTE - Products shown in these instructions are for illustration purposes only. Your riser outlet can still be installed by following these instructions.

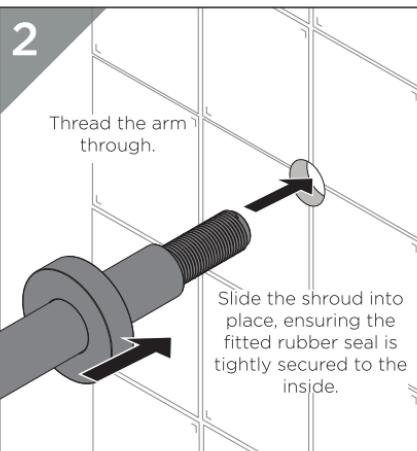
1



Use a suitable sealant that is compliant with UK Water Regulations around the thread.



2

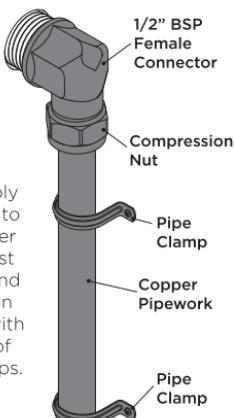


Thread the arm through.

Slide the shroud into place, ensuring the fitted rubber seal is tightly secured to the inside.

3

Connect the outlet pipework to the shower arm using a suitable connector (not supplied).



The supply pipework to the shower valve must be rigid and secured in position with the use of pipe clamps.



4

Screw the shower head onto the wall arm by **HAND ONLY**.



Turn on the water supply and check all joints and connections for any leaks.

# Cleaning

## General Cleaning

Bristan products are made from premium materials, with hand polished, PVD, EPD or electroplated finishes. Your product should be regularly cleaned with warm water, a mild pH-neutral liquid soap, and polished with a soft cloth. Any residues from soap, toothpaste, shampoos and shower gels can cause blemishes if not 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.

## Cleaning The Shower Head

The hardness of the water in your area will determine how often you should clean your shower head. Build up of scale in particularly hard water areas combined with constant use means you may need to clean your shower head weekly. To ensure continued performance, the shower head needs to be regularly de-scaled.

## Contact Us

**Bristan Group Ltd.**  
A Masco Company

**UK:** Bristan Group,  
Pooley Hall Drive,  
Birch Coppice Business Park,  
Dordon, Tamworth  
B78 1SG.

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# Cleaning

## General Cleaning

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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.

## Cleaning The Shower Head

Your Bristan shower head is equipped with rub-clean nozzles for easy cleaning. Simply rub your fingers across the rubber spray jets regularly and before you turn the shower on to remove any scale or debris.

The hardness of the water in your area will determine how often you should clean your shower head. Build up of scale in particularly hard water areas combined with constant use means you may need to clean your shower head weekly. To ensure continued performance, the shower head needs to be regularly de-scaled.

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# BRISTAN

## Installation Instructions & User Guide

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Product Code: C WOSQ02 BB (D1)

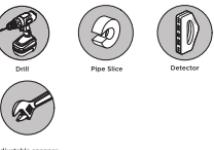
### Specifications

#### Working Pressure



Maximum Static Pressure: 10.0 bar

#### Tools You'll Need



#### Inlet Connections



15mm Compression via Wall Mount

### Prior to Installation

All products manufactured and supplied by Bristan are safe provided they are installed, used correctly and receive regular maintenance in accordance with these instructions.

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

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.

This product needs to be installed in accordance with, and meet the requirements of the Water Supply (Water Fittings) Regulations 1999 and Scottish Byelaws 2004.

Before starting any installation please consider the following: 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:

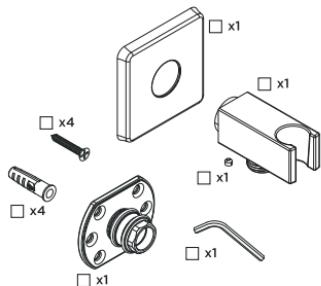
- Wear eye protection
- Unplug equipment after use

Warning: It is essential that you thoroughly flush through the pipework in order to remove any remaining swarf, solder residue or debris. Failure to do this could result in this procedure could cause problems or damage.

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

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### Pack Contents



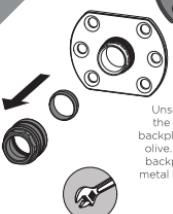
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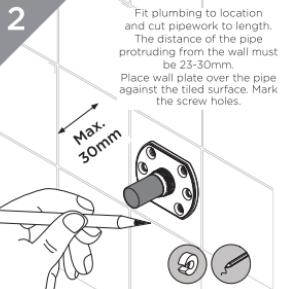
### Installation

1



Unscrew the nut from the front of the metal backplate then remove the olive. Ensure the rubber backplate stays with the metal backplate for fitting.

2



Fit plumbing to location and cut pipework to length. The distance of the pipe protruding from the wall must be 23-30mm. Place wall plate over the pipe against the tiled surface. Mark the screw holes.

3



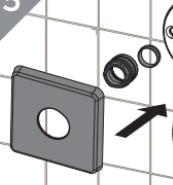
Check wall for concealed wires and pipework. Drill holes where marked.

4



Secure rubber seal and fixing kit onto the wall using screws and wall plugs.

5



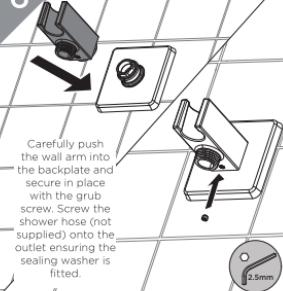
**IMPORTANT**  
Pipework must not protrude past the olive by more than 10mm

Slide olive onto pipe, then connect the threaded connector to the fixing kit. Tighten with an adjustable spanner.

**DO NOT OVER TIGHTEN.**

Place the wall shroud over the nut, olive and protruding pipework.

6



Carefully push the wall shroud onto the backplate and secure in place with the grub screw. Screw the shower nose (not supplied) onto the outlet ensuring the sealing washer is fitted.

2.5mm

## Notes

Please use this space for any notes you or your installer may have regarding the installation/plumbing of this product.

## General Cleaning

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

Your taps, shower and accessories should be regularly cleaned with warm water, a mild pH-neutral liquid soap, and polished with a soft cloth. Any residues from soap, toothpaste, shampoos and shower gels can cause blemishes if not rinsed off straight after use.

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