

# BRISTAN

## Installation Instructions & User Guide

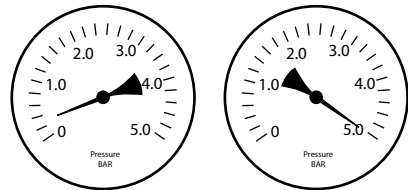
Please leave these instructions  
with the end user

Product Code: EXD SHC3STP C (D9)

### Specifications

#### Dynamic Water Pressure

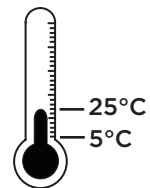
Min: 0.2 bar Max: 5.0 bar



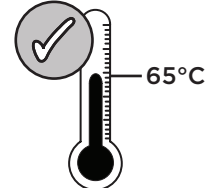
Maximum Static Pressure: 10.0 bar

#### Inlet Water Temperature

Cold Water Supply Hot Water Supply



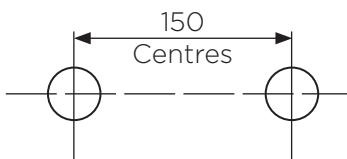
Min: 5°C Max: 25°C



65°C Recommended

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

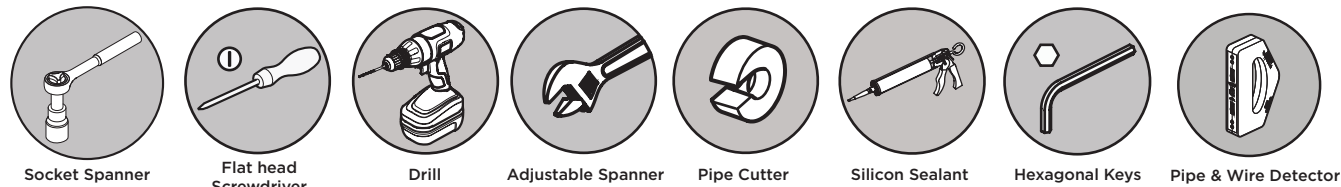
#### Inlet Dimensions



#### Inlet Connections



### 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](http://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.

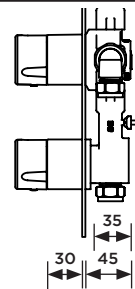
If in doubt, contact a registered plumber, your Local Water Authority or the Secretary of the Institute of Plumbing, address as follows:-

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

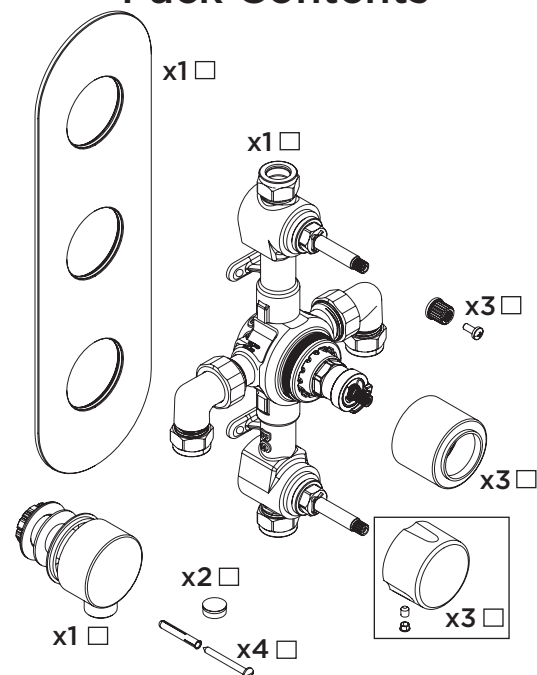
#### Cavity Dimensions (mm)

Minimum  
Cavity Depth: 35mm

Concealing Plate  
Adjustment Range: 30mm



### Pack Contents



### Valve Configuration

1

**IMPORTANT**  
If installed in  
conjunction with  
combination  
boiler flow  
regulators  
must be  
fitted.

Yellow Flow  
Limiter (Hot)

Green Flow  
Limiter (Cold)

Remove the inlet elbows and filters.  
Remove the plastic inserts from the valve  
inlets and insert the flow regulators.  
Replace the elbows, ensuring the  
filters are fitted.

2

Screw the  
shrouds  
onto the  
valve.

### Installation

1

**IMPORTANT**  
Rear access to the  
shower is required  
for maintenance  
and servicing

Prepare the pipework.  
Create the rear access point in the  
back of the wall cavity.

Install suitable  
batons  
(if required) onto  
the rear cavity.  
Mark the position  
of the valve  
and drill and plug  
holes to suit.

Max 45mm

Min 35mm

Batons

3

Secure the valve  
using the  
screws supplied  
(solid walls only)  
or a suitable  
alternative.

4

Hot

Elbows can  
be pointed up  
or down

Cold

Connect the inlet  
pipes ensuring the  
olives are fitted.

5

Plumb the valve  
into your chosen  
outlet. **Turn on  
the water supply  
and check the  
valve for any  
leaks.**

6

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

7

Fit the handles.

**REMEMBER**  
hot on the left,  
cold on the  
right

### Temperature Adjustment

1

Turn the handle to the  
maximum temperature  
setting, then remove it.

**REMEMBER**  
To service  
your  
product!

3

Fit the temperature  
handle back in the  
maximum hot position.

2

Decrease  
Temperature

Increase  
Temperature

Turn the spindle  
to increase or  
decrease the  
temperature.  
Check the  
temperature and  
adjust until you  
achieve the  
desired result.

Pre-set to  
42°C

### General Cleaning

Bristan products are made from premium materials, with hand polishing and electroplated 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.

Some surfaces such as nickel and pewter may be affected by the dye found in some cloths, so it is also important to avoid hanging cloths on spouts.

### Operation

Top Outlet On/  
Increased Flow

Top Outlet Off/  
Decreased Flow

Increased Temperature

Decreased Temperature

Bottom Outlet On/  
Increased Flow

Bottom Outlet Off/  
Decreased Flow

### 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.

#### With rear access

Fit the wall outlet, ensuring the washers are fitted either side of the wall.

#### Without rear access

Follow Step 6 in the Installation Steps, fitting 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.

### Servicing Intervals

To reduce the build up of lime scale 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.

### Maintenance - Cartridge Cleaning

#### 1

Remove the handles.

**IMPORTANT**  
Isolate the water supply before starting!

2.5 mm

#### 2

Gently remove the concealing plate from the wall.

#### 3

Unscrew the shrouds. Remove the cartridges and piston.

24 mm

#### 4

Remove any O-rings and soak all other components in de-scaler; wash off in clean water. Examine all seals and replace if needed. Use WRAS approved silicon based grease on all seals.

#### 5

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

#### 6

Follow the Temperature Adjustment Steps if required.

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.
	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.
Maximum Water Temperature too Hot/Cold	Hot/Cold water supply has failed	Check the hot and cold feeds. The shower will not work if either fails.
	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.
	Hot water temperature is less than 10°C above the required blend temperature	Adjust hot water temperature or wait for water to reheat if a stored water system is used.
Outlet Water Temperature too Hot/Cold	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 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](http://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](http://www.bristan.com/service-centre/guarantees).



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