# BRISTAN

## Installation Instructions & User Guide

Please leave these instructions with the end user

QB SHXSMFF C (D1)

#### **Specifications**

#### **Dynamic Water Pressure**

Min: 0.3 bar

**Max:** 5.0 bar



Maximum Static Pressure: 10.0 bar

#### Inlet Water Temperature

25°C 5°C

Recommended 60°C;
Max 65°C

15mm Compression

**Inlet Dimensions** 

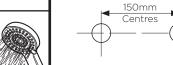
**Inlet Connections** 

Min 5°C; Max 25°C

**I**IMPORTANT

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

Factory pre-set 38°C



#### **Tools Required**

















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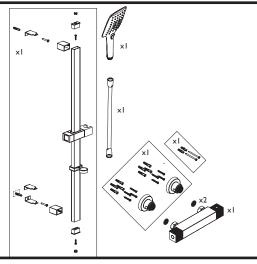
Cross head Screwdriver

oanner

Pipe Cutter Hexag

Hexagonal Keys Socket Spanner

#### **Pack Contents**



# Operation On Cold

#### 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.wrasapprovals.

co.uk/approvals-directory

Before installing this product the water supply must be thoroughly flushed in order to remove any swarf, solder etc. Full access must bemade available for future maintenance/servicing purposes. Isolation valves must be fitted to the inlet water supplies to ensure ease of 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.

#### **Spares**



To replace any spare parts for your shower, why not scan the QR Code or visit www.bristan.com and

search for your product.



# Installation Instructions and User Guide

Bar Showers with Wallmount 12 Fixing Kit (WMNT12)

Please keep this booklet for future reference.

Installer, when you have read these instructions please ensure you leave them with the user.

## **Contents**

Thank you for choosing Bristan, the UK's leading taps and showers expert. We have designed this product with your enjoyment in mind. To ensure that it works to its full potential, it needs to be fitted correctly. These fitting instructions have been created to give you all of the information you need and, if you need any further help, please do not hesitate to give us a call on 0330 026 6273.

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## **Important Safety Information**

Please make sure you read these instructions and retain for future use. All products manufactured by Bristan are safe, providing they are installed and used correctly and also receive maintenance when needed.

These fittings, including the connecting water and waste system need to be installed in accordance with and meet the requirements of the Water Supply Regulations 1999 (Water Fittings) and current by-laws. If you are in doubt about your ability to install this product correctly or safely, you should employ the services of an experienced qualified plumber.

This product must not be modified in any way otherwise this will invalidate the guarantee. Remove all packaging and check the contents for damage before starting installation.

#### Warning:



Before installing the new mixer valve it is essential that you thoroughly flush through the pipework in order to remove any remaining swarf, solder, etc. Failure to carry out this procedure could cause problems or damage to the workings of the mixer tap.

Fitting isolating valves to the inlet feeds is required for ease of maintenance.

#### Warning:



Do not operate the mixer if you suspect it is frozen. Do not site the mixer valve where it might be subjected to freezing conditions.

Consider the following whilst using power tools:

- Prior to drilling into walls, check there are no hidden electrical cables or wires and there are also no water pipes. These can potentially be found using an electrical or metal detector. You may also need to know some of the schematics of previous installations to determine the suitability and accommodation of the installation.
- Wear the correct PPE, especially ear, eye and hand protection when using power tools. Unplug any mains equipment after use.
- Keep electrical equipment away from sources of water.
- If a blow-lamp is used when plumbing, the flame must be kept well away from the product otherwise damage may occur.

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

## **Installation Requirements**

Please refer to your specific shower contents page for specification information.

These showers are designed to be used in conjunction with the kit supplied, or Bristan shower kits where not supplied. We cannot guarantee compatability or adequate performance when used with other kits. This would also invalidate your guarantee. Please refer to the installation manual supplied with your Bristan shower kits for their specification information.

This shower valve must be installed in compliance with current water regulations. If you have any doubts about the water regulation requirements contact your local water services provider or use the services of a professional plumber.

This shower valve is suitable for use with the following water supply systems:

- Gravity Fed Hot and Cold
   (pressure imbalance should not exceed a ratio of 5:1 see Specification section)
- Gravity Fed Hot and Mains Cold (pressure imbalance should not exceed a ratio of 5:1 - see Specification section)
- Instantaneous water heater (combination boiler)
- Unvented System
- Pumped System

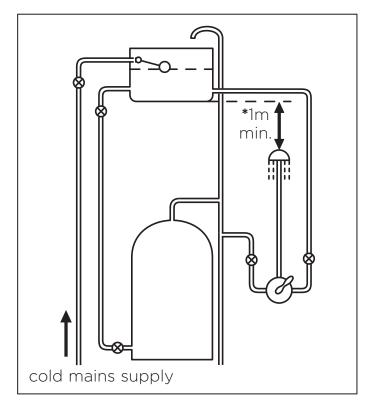
**Note:** Pumped system (with Essex flange) If you install this shower valve to a pumped gravity fed system where the minimum head (vertical distance) from the underside of the cold water storage tank to the top of the hot water cylinder is less than 1 metre we recommend an Essex flange is used as shown.

#### Flushing Pipe-work

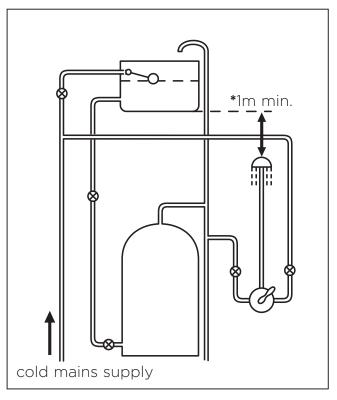
Important: Before connecting the shower valve (see 'Installation' on page 7), the supply pipe-work must be flushed to clear debris before connecting the shower. Debris will reduce the performance and life of the bar shower and Wall Mount.

## **Installation Requirements**

#### **Gravity Fed Hot and Cold**



#### **Gravity Fed Hot and Mains Cold**



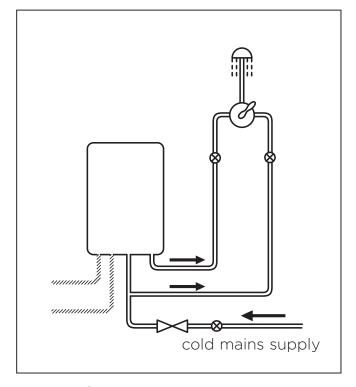


\*NOTE - Depending on the min. pressure of your shower, you will need to leave 1m per min. bar pressure between the underside of the cold water storage tank and the outlet. E.g Min Bar Pressure = 0.2 Distance = 2m.

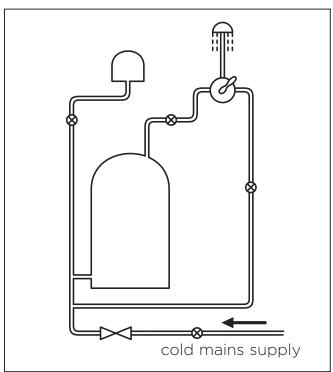
Please refer to your contents page for your showers min. bar pressure

## **Installation Requirements**

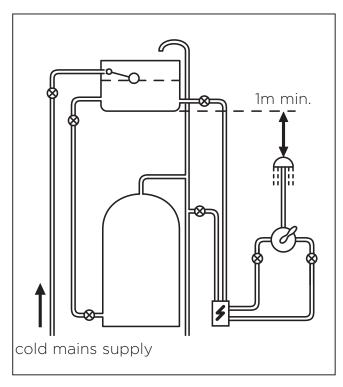
#### Instantaneous Water Heater



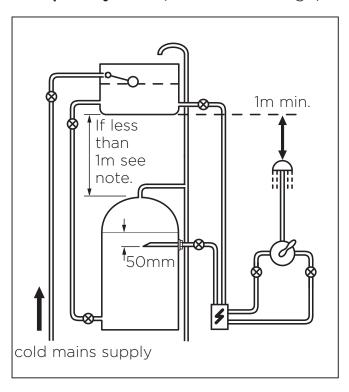
**Unvented System** 



**Pumped System** 

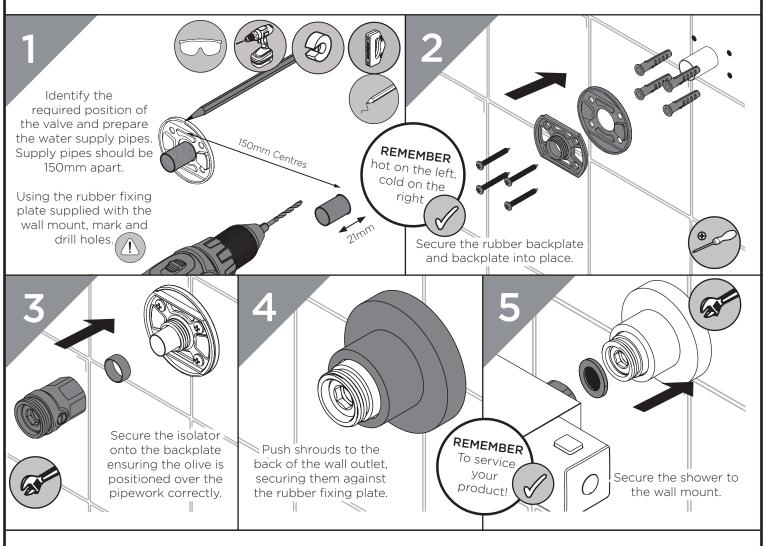


**Pumped System** (with Essex flange)



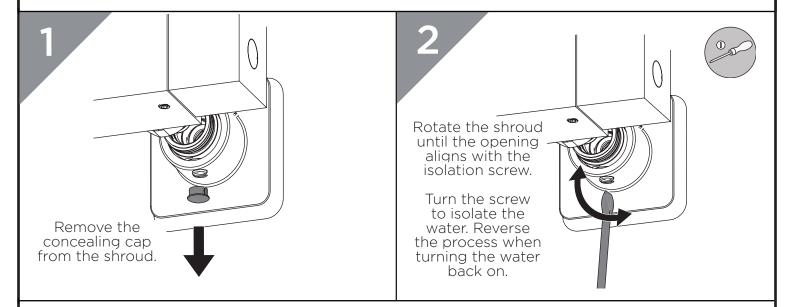
## Installation

PLEASE NOTE - Wall Mounts shown in these instructions are for illustration purposes only. WMNT12 and WMNT12 SQ can be fitted using these instructions.



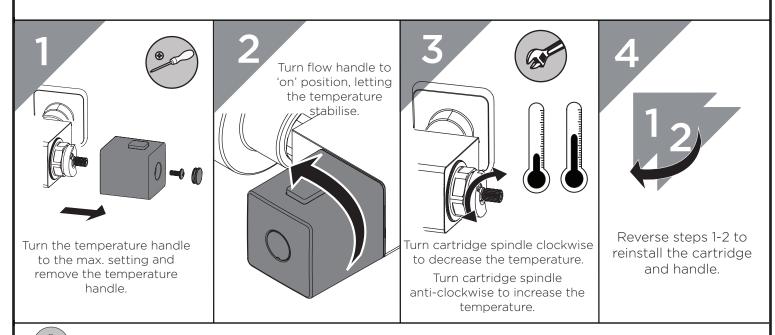
Now refer to your kit instructions to install your shower kit if supplied. If your shower is TMV approved, please refer to the TMV manual supplied to commision your shower.

## Isolation



PLEASE NOTE - Wall Mounts shown in these instructions are for illustration purposes only. WMNT12 and WMNT12 SQ can be fitted following these instructions. Check your contents page for more details specific to your shower.

## **Temperature Setting**



PLEASE NOTE - Bar showers shown in these instructions are for illustration purposes only. All bar showers can be fitted/maintained following these instructions. Check your contents page for more details specific to your shower.

## **General Cleaning**

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

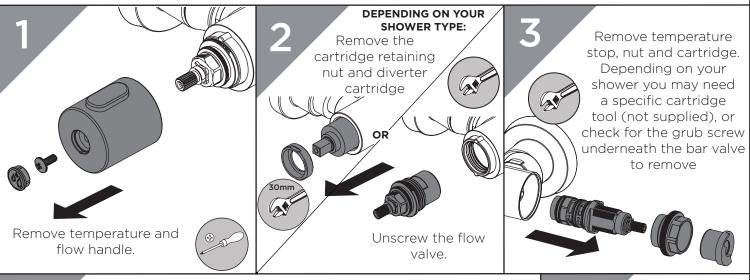
Your bar shower should be regularly cleaned with warm water, a mild pH-neutral liquid soap, and polished with a soft cloth. Any residues from soap, toothpaste, shampoos and shower gels can cause blemishes if not rinsed off straight after use.

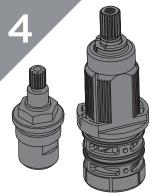
Household bleaches and cleaners contain harsh chemicals and may damage the surface finish. Avoid using abrasive cloths, scouring pads, scrub sponges, steel wool or anything similar. Some surfaces such as nickel and pewter may be affected by the dye found in some cloths, so it is also important to avoid hanging cloths on fittings/barshowers etc.

## **Notes**

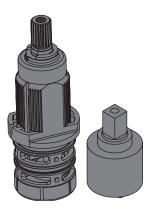
## Maintenance - Cartridge/Valve Cleaning

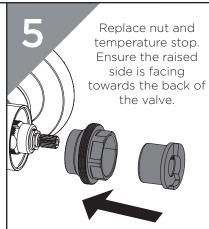
PLEASE NOTE - Bar showers shown in these instructions are for illustration purposes only. All bar showers can be fitted/maintained following these instructions.

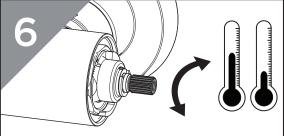




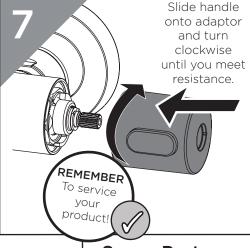
Remove O-rings and soak all components in de-scaler and wash off in clean water. Examine all seals and replace if needed.
Use WRAS approved silicon based grease on all seals.







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



8

steps 1-2 to II the valve/

Reverse steps 1-2 to reinstall the valve/ cartridge and secure handles. Refer to the 'Temperature Setting' maintenance steps to re-calibrate the max. temperature.

#### **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.



10 Need help? Give us a call on 0330 026 6273 and speak to one of our trained advisors.

## **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 else- where causing pressure changes or instan- taneous 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.
Outlet Water Tempera- ture 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.
	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.
	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.

Issue: D1

Part Number: Bar SHWR WMNT

## **BRISTAN**

#### Bristan Group Ltd.

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14 Rue Strachen 6933 Mensdorf Luxembourg

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Email: enquire@bristan.com

#### A Masco Company

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.





# Installation Instructions and User Guide

Adjustable Riser Kits

Please keep this booklet for future reference.

Installer, when you have read these instructions please ensure you leave them with the user.

## **Contents**

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## **Important Safety Information**

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.wrasapprovals.co.uk/approvals-directory

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:-

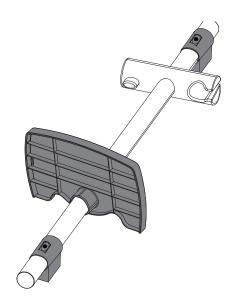
The Institute of Plumbing, 64 Station Lane, Hornchurch, Essex, RM12 6NB, Tel: 01708 472791

#### **Prior to Installation**

The installation images are for illustrative purposes only, and your product may slightly differ in installation, depending on specification. Please refer to your specific shower kit contents page for specification information.

These kits are designed to be used in conjunction with Bristan showers. We cannot guarantee compatability or adequate performance when used with other showers.

This shower kit must be installed in compliance with current water regulations. If you have any doubts about the water regulation requirements contact your local water services provider or use the services of a professional plumber.

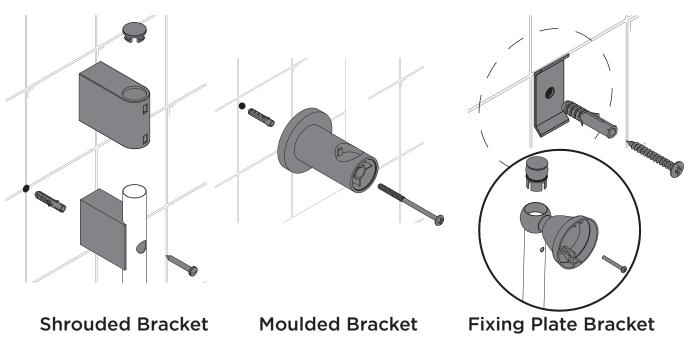


Check to see which type of brackets your adjustable riser has. This information will be needed to follow the correct installation steps.

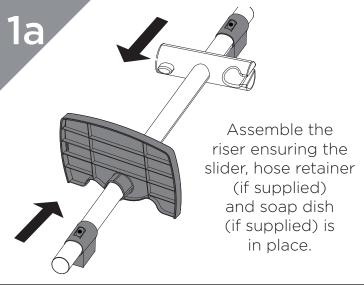
Some of our adjustable riser kits have adjustable brackets to help cover existing fixing holes. Check to see if your brackets have a hole that goes all the way through the bracket.

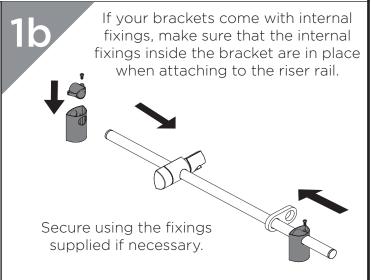
You will also need to check that the riser rail has holes/notches in the rail. These holes/notches signify a fixed point where the bracket will need to be.

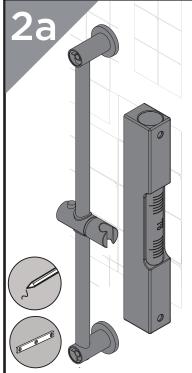
#### **Bracket Types:**



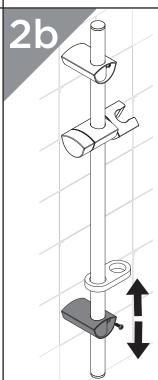
## **Installation - Riser with Moulded Brackets**





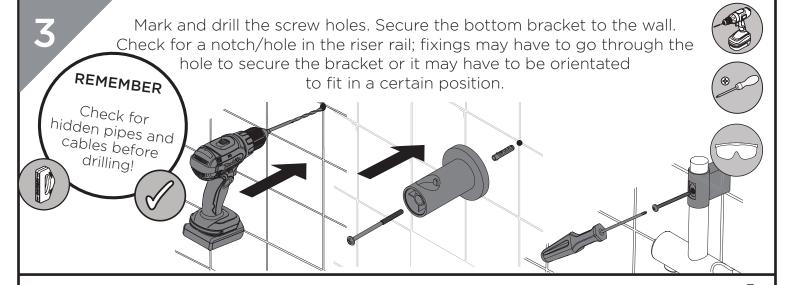


Using a spirit level to ensure the riser is positioned correctly and vertical, use the assembled riser to mark the desired position of the brackets and wall fixings. Make sure to accommodate for all user heights.

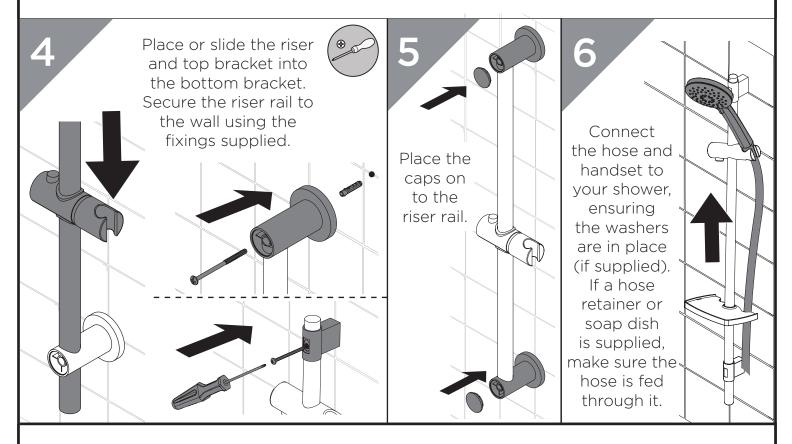


If your kit brackets are adjustable, slide the bottom bracket to the desired position to cover existing holes. If internal fixings are used in the brackets, you may need to loosen the fixings and re-tighten once in the desired position.

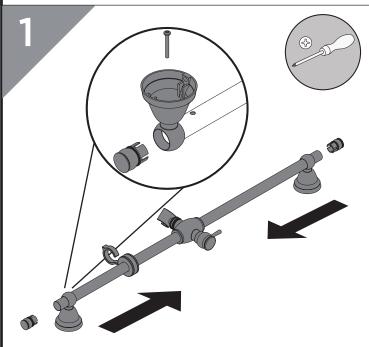




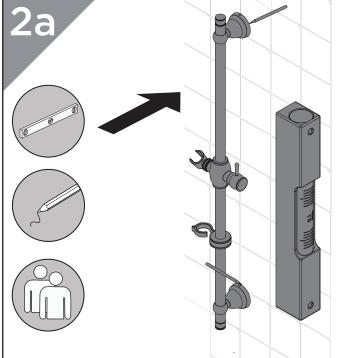
## Installation - Riser with Moulded Brackets



## **Installation - Brackets with Fixing Plates**

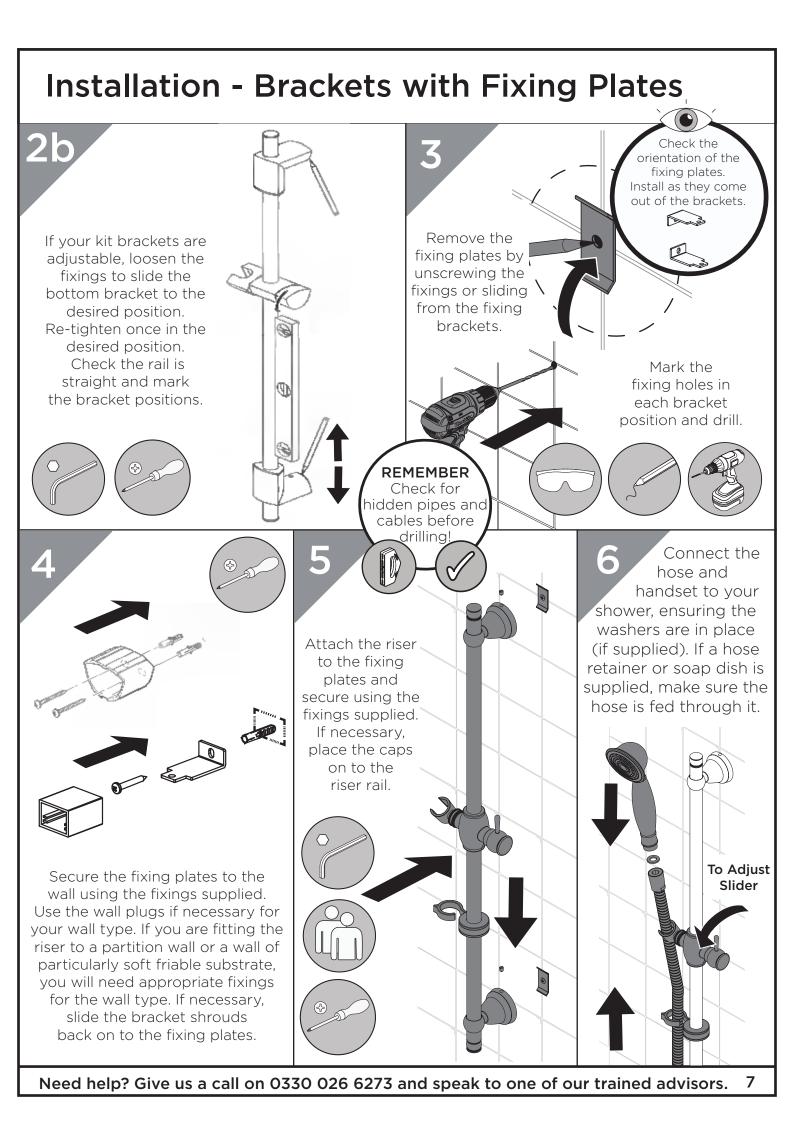


Assemble the riser ensuring the slider, hose retainer (if supplied) and soap dish (if supplied) are in place. If necessary, secure the brackets to the riser rail using the supplied fixings.

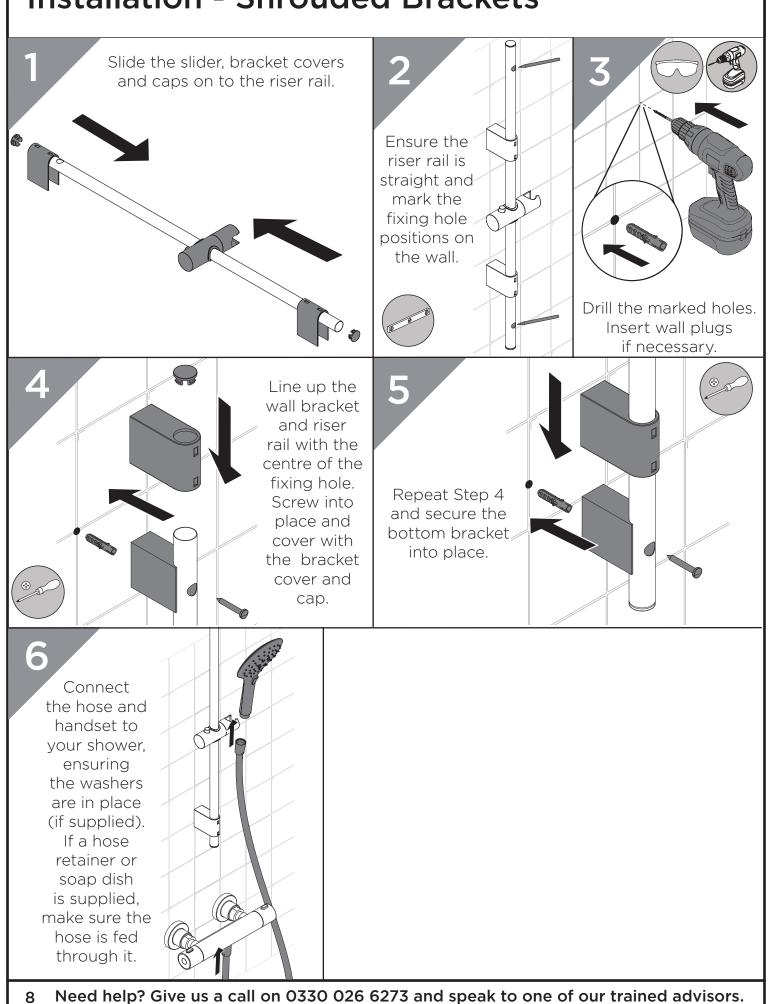


Position the riser rail, taking into account user heights and that the hose can reach the shower outlet with the handset in the holder.

Check the rail is straight and mark the bracket positions.





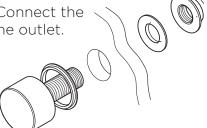


#### **Installation - Wall Outlets**

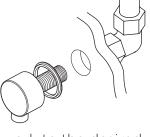
Choose the location for the wall outlet and create a 25-30mm hole in the wall. Ensure your hose has enough reach from that position to reach. Finish the wall surface.

#### With rear access

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



#### Without rear access



Plumb the copper pipework to the desired location. Screw the wall outlet into the 1/2" female connection, using a suitable thread sealant and ensuring the rubber seal is fitted to the back of the wall outlet.

## **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.

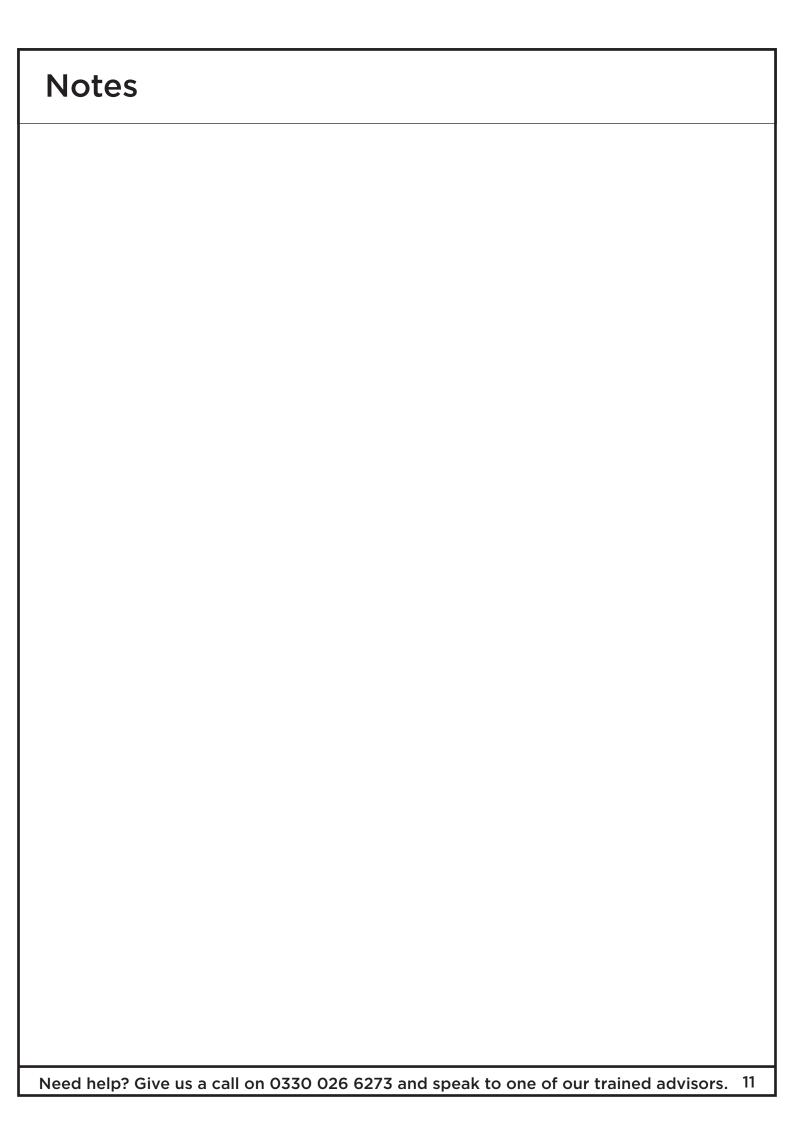
Household bleaches and cleaners contain harsh chemicals and may damage the surface finish. Avoid using abrasive cloths, scouring pads, scrub sponges, steel wool or anything similar.

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 surfaces.



## **Troubleshooting**

Symptom	Cause(s)	Remedy
No flow or low flow rate	Partially closed isolation valve.	Open isolation valve.
	Head of water is below the minimum distance required.	Refer to your specific product's Contents Page for the minimum working pressure/distance required.
	Inlet filter in the shower valve is blocked	Refer to the shower fitting instructions for Maintenance steps.
	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.
	Airlock or partial blockage in the supply pipework or hoses.	Flush through pipework to ensure removal of debris and any airlocks.
	Shower hose is kinked, causing a blockage.	Un-kink the shower hose and check for any damage, Replace if necessary.
	Water supply failure	Investigate water supply. Check your plumbing and heating systems for any faults.
Water drip- ping from shower kit	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 kit.
	If water continues to drip, possibly due to the ceramic disc valves/cartridge	Refer to the Maintenance section of your shower instructions to replace the valves/cartridge.



Issue: D3

Part Number: FI Adj Kits

## **BRISTAN**

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

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.

