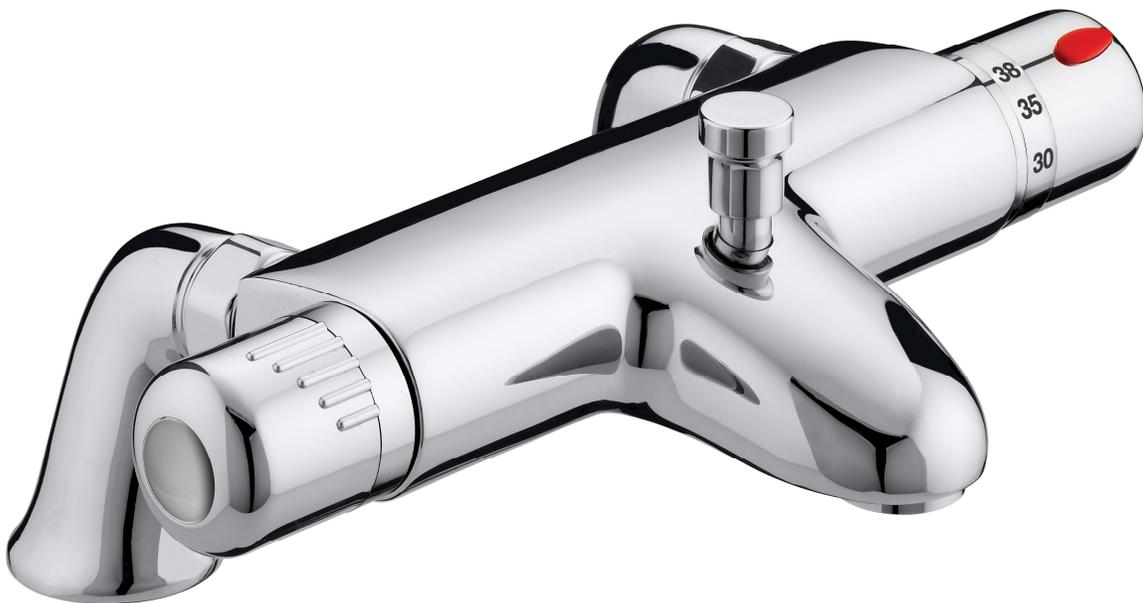


# BRISTAN

Artisan Thermostatic bath shower mixer

Fitting Instructions & Contents List



Please keep these instructions for future reference and request of replacement parts

<b>Contents</b>	<b>Page</b>
1. Introduction	03
2. Specification	03
3. Pack contents list	04
4. Pre-Installation	04
5. Installation	05
6. Operation	05
7. Setting	05
8. Fault Diagnosis	06
9. Cleaning & Maintenance	06
10. Bristan Guarantee	07

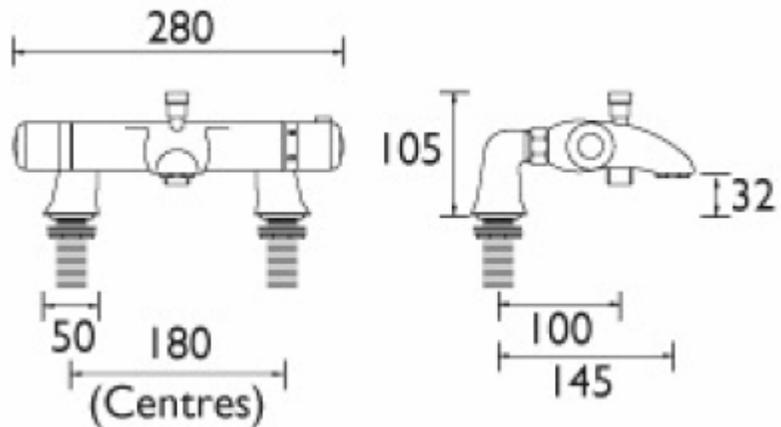
## 1. Introduction

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 0844 701 6273.

## 2. Specification

Operating pressure range (bar)	Min.	Max.
Thermostatic bath shower mixer	0.5	5.0
Maximum static pressure – 10.0 bar		
Factory set temperature - 38°C (can be re-set / overridden to suit site conditions).		
Recommended min. Hot supply:	60°C.	
Maximum Hot supply:	80°C	

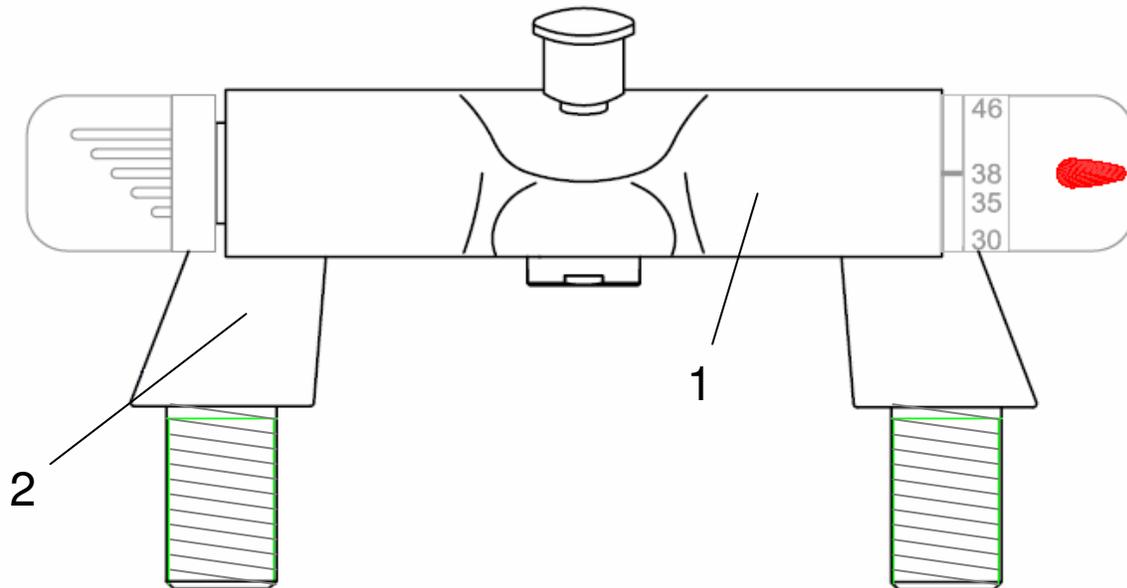
IMPORTANT NOTE:- This product must have Nominally equal (balanced) inlet supply pressures to function correctly. If pressures are unequal, then a pressure reducing valve should be used.



This valve has been designed to comply with BS EN 1111:1999 and BS EN 1287:1999, manufactured to the highest quality standards and to be used within systems designed to BS 6700.

BS 6700 recommends the temperature of stored water should never exceed 65°C. A stored water temperature of 60°C is considered sufficient to meet all nominal requirements and will minimise the build up of lime scale in hard water areas.

## 3. Pack Contents List



- |    |   |    |
|----|---|----|
| 1. | Mixer Valve Body                          | X1 |
| 2. | Pillars (including back nuts and washers) | X2 |
| 3. | Sealing (filter) washers (not shown)      | X2 |

## 4. Pre Installation

4.1 Identify all components and check for completeness, particularly before arranging fitting.

4.2 This mixer should be installed in compliance with water regulations. For further details contact your Local Water Authority.

4.3 This mixing valve is suitable for use with the following systems:

- Gravity Fed Hot & Cold (Equal Pressure)
- Unvented Systems
- Gas Combination Boiler
- Pumped System (Equal Pressure)

PLEASE NOTE: On gravity systems the minimum distance from the underside of the water tanks / cylinder to the bath filler must be at least 5 metres.

4.4 Before connecting the mixer, water should be flushed through the system to remove all debris.

## 5. Installation – (See Fig 1)

5.1 Place the sealing washer (2) into the connecting nut (1) and tighten nuts onto the pillars (3).

5.2 Fit the pillars (3) to the bath using back nuts (5) and washers (4). The flow control should be on the left and the temperature on the right with the outlet underneath.

5.3 Connect water supplies to pillars (3). **Hot on the left and Cold on the right** (when viewed from the front).

## 6. Operation

The flow handle controls the amount of water and the temperature handle controls the temperature of the water.

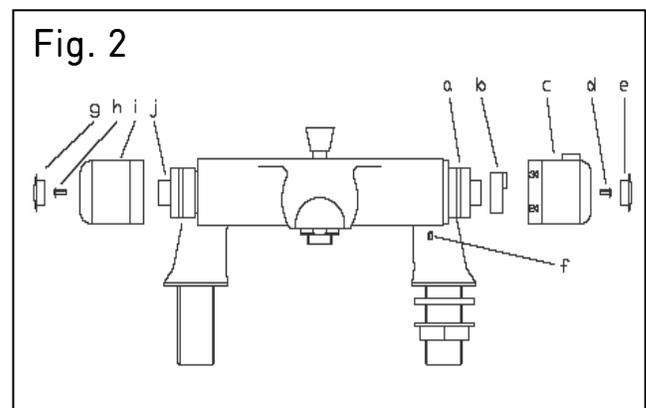
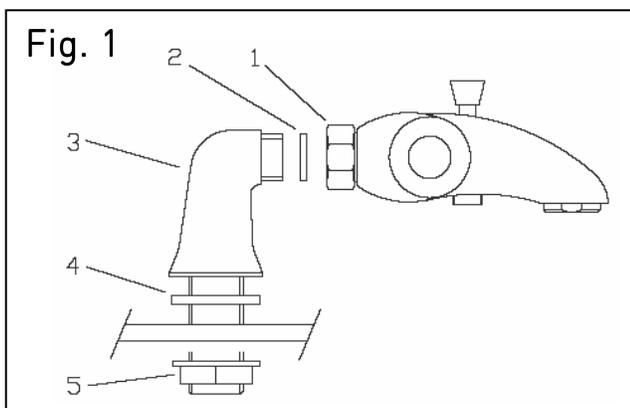
The Valve is pre-set to 38°C however this can be overridden, See setting section.

To switch from bath to shower mode, pull the diverter up. After use the mixer automatically reverts to the bath filling mode.

## 7. Setting – (See Fig 2)

The temperature is factory set at 38°C, however this maybe overridden by simply depressing the red button on the temperature handle when it reaches the stop and continue to turn the handle anti-clockwise until the desired temperature is found. This can however be adjusted for site conditions or personal preference by following the below instructions:

- Remove the cap (E).
- Remove the screw (D).
- Remove the handle (C).
- Turn the spindle in the required direction to increase or decrease hot or cold temperature.
- Replace the handle so that the stop inside the handle rests against the stop / shoulder on collar (B).
- Replace the screw (D) and cap (e).



## 8. Fault Diagnosis

If your valve fails to function correctly, the following should be checked:

1. Check that the hot and cold connections are the correct way around. Hot on the left and Cold on the right (when viewed from the front).
2. Ensure that the hot water temperature is adequate; the recommended minimum temperature is 60°C. The hot water temperature should be at least 10°C higher than the blend temperature to ensure that the safety shut off will work.

## 9. Cleaning & Maintenance

Your fitting has a high quality finish and should be treated with care to preserve the visible surfaces.

All finishes will wear if not cleaned correctly. The only safe way to clean your product is to wipe with a soft damp cloth. Stains can be removed using washing up liquid. All bathroom cleaning product (powders and liquids) will damage the surface of your fitting, even the non-scratch cleaners.

NOTE:- Never use abrasive detergents or disinfectants or those containing alcohol, hydrochloric or phosphoric acid.

We advise that your fitting is regularly serviced, particularly in hard water areas.

### Maintenance – (See Fig 2)

Should the valve need to be dismantled for maintenance then the procedure is:

1. Turn off both water supplies.
2. Remove cap (E), remove the screw (D) and remove the temperature handle (C) and collar (D).
3. Unscrew the grub screw (F) on the underside of the body to remove the temperature control cartridge (E), which pulls out, and check its condition i.e. Valves and seals.
4. Reassemble the cartridge after having cleaned the inside of the valve body and the cartridge.
5. For the flow control, remove the cap (G), making sure the water supply is turned off remove the handle retaining screw (H), and pull off handle (I). Unscrew the valve (J) using a suitable spanner and check for wear, damage or debris.
6. Reassemble the valve after cleaning.
7. Replace handle and components and turn on the water supplies.

**Bristan recommend E-Cloth for cleaning all of our bathroom & kitchen products. Using just water, E-cloth gives a smear free, deep clean by breaking up and holding dirt, which normal cloths leave behind. Order through your Bristan stockist.**

**(ORDER CODE: E CLOTH)**



## 10. Bristan Guarantee

Bristan offers solid guarantees to provide you with complete peace of mind.

### Taps and Mixers

5 year parts and 1 year labour\*. Gold painted and special finishes 3 years parts only.

All subject to proof of purchase.

### Mixer Shower Valves

5 year parts. 5 year labour\* (subject to registration), or 1 year with proof of purchase.

Gold painted and special finishes 3 years parts only.

### Pumps and Power Showers

2 year parts. 1 year labour\* (subject to registration).

### Electric Showers/Instantaneous Water Heaters

2 year parts. 1 year labour\* (subject to registration).

### Accessories

5 year parts only. Includes bathrooms accessories, shower accessories (e.g. hoses, handsets and poles), wastes, WC levers and light pulls. Gold painted and special finishes 3 years parts only.

### Sanitaryware

5 year parts only. Subject to proof of purchase.

### Shower Enclosures and Shower Trays

10 year parts (subject to registration), or 2 years with proof of purchase. 1 year labour\* (subject to registration), or 1 year with proof of purchase.

### Heated Towel Rails

5 year parts only. Gold painted and special finishes 3 years parts only. All subject to proof of purchase.

\*Labour provided by an approved Bristan engineer. Guarantee only applies to products with a manufacturing fault. A deferred payment will be necessary in order to secure any visits by our engineers which will be charged if the problem is found **not** to be a manufacturing fault. If the fault is found to be down to a manufacturing error, the payment will be released and not charged.

This guarantee applies to products purchased within the United Kingdom or Republic of Ireland, but does not apply to products used commercially.

The guarantee is only available to original purchasers who have proof of purchase.

The installation must allow ready access to all products for the purpose of inspection, maintenance or replacement.

Any part found to be defective during the above guarantee period will be replaced without charge, providing that the product has been installed in accordance with the instructions, used as intended, and regularly serviced.

Servicing should be carried out at regular intervals of no more than 12 months and more frequently in hard water areas (heavy lime scale) areas.

In the unlikely event that any problems are encountered with the product's performance on installation, you must obtain guidance/authorisation from our Customer Service Department, and be able to supply proof and date of purchase, before any remedial action is taken.

The guarantee excludes general wear and tear and damage caused by accident, misuse or neglect, and does not cover the following:

- Components that are subject to general wear and tear such as filters, seals, 'O' rings and washers etc.
- Damage caused by faulty installation
- Damage caused by lime scale or any waterborne debris
- Damage caused by inappropriate cleaning products (see user instructions)
- Damage caused by the use of non-Bristan parts
- The product being used for a purpose other than intended by the manufacturer.

In the interests of continuous product improvement Bristan reserves the right to alter specification as necessary.

If your product is out of its guarantee period, or you would like to extend the guarantee, then please see our [extended warranty offer](#).



**Guarantee**



# BRISTAN

This booklet covers product codes  
AR THBSM C / AR THLBSM C

**Helpline**

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