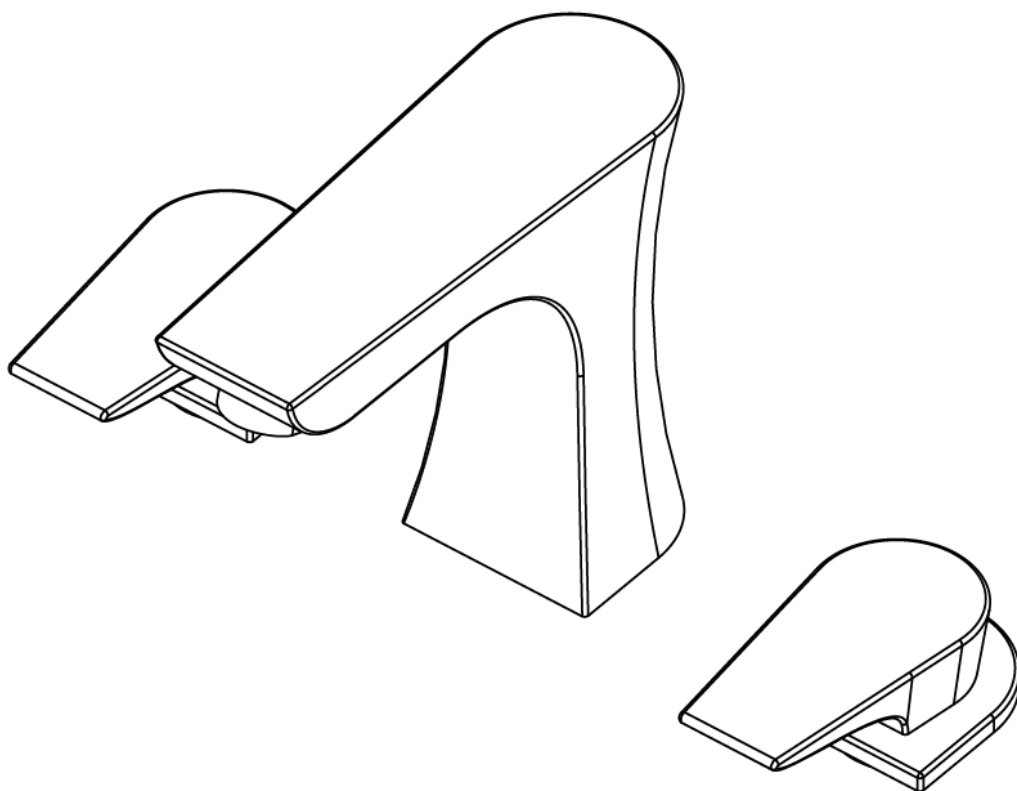

BRISTAN

Hourglass Tap Range

Fitting Instruction & Contents List



Please keep these instructions for future reference

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 **0330 026 6273**.

Important Safety Information

Please read these instructions thoroughly and retain for future use.

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

These fittings need 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:
Prior to 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 you are in any doubt about your ability to install this product safely you must employ the services of an experienced qualified plumber.

This product **must** not be modified in any way as this will invalidate the guarantee.

General Specifications

Operating pressure range (bar)	Min	Max
1 Hole Bath Filler	1.0	5.0
3 Hole Basin Mixer	0.2	5.0
3 Hole Bath Filler	0.2	5.0
5 Hole Bath Shower Mixer	0.4	5.0
Maximum static pressure – 10.0 bar		

NOTE:- Nominally equal (balanced) inlet supply pressures are recommended for optimum performance of mixer taps.

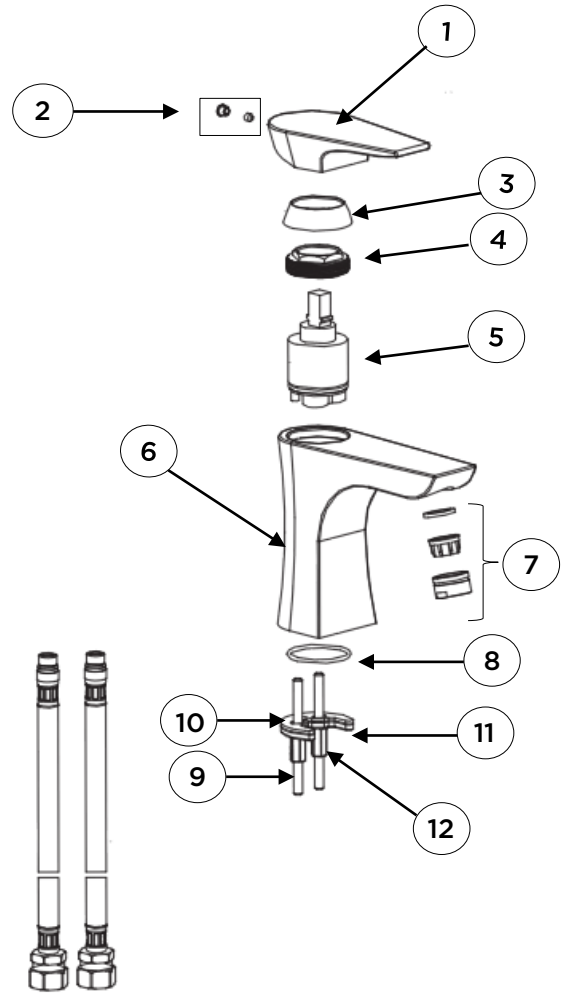
Designed to comply with BS EN 200 for single taps / combination taps for water systems of type 1 and 2 general technical specifications; and to be used within systems designed to BS 6700.

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.

Installation

1 Hole Bath Filler

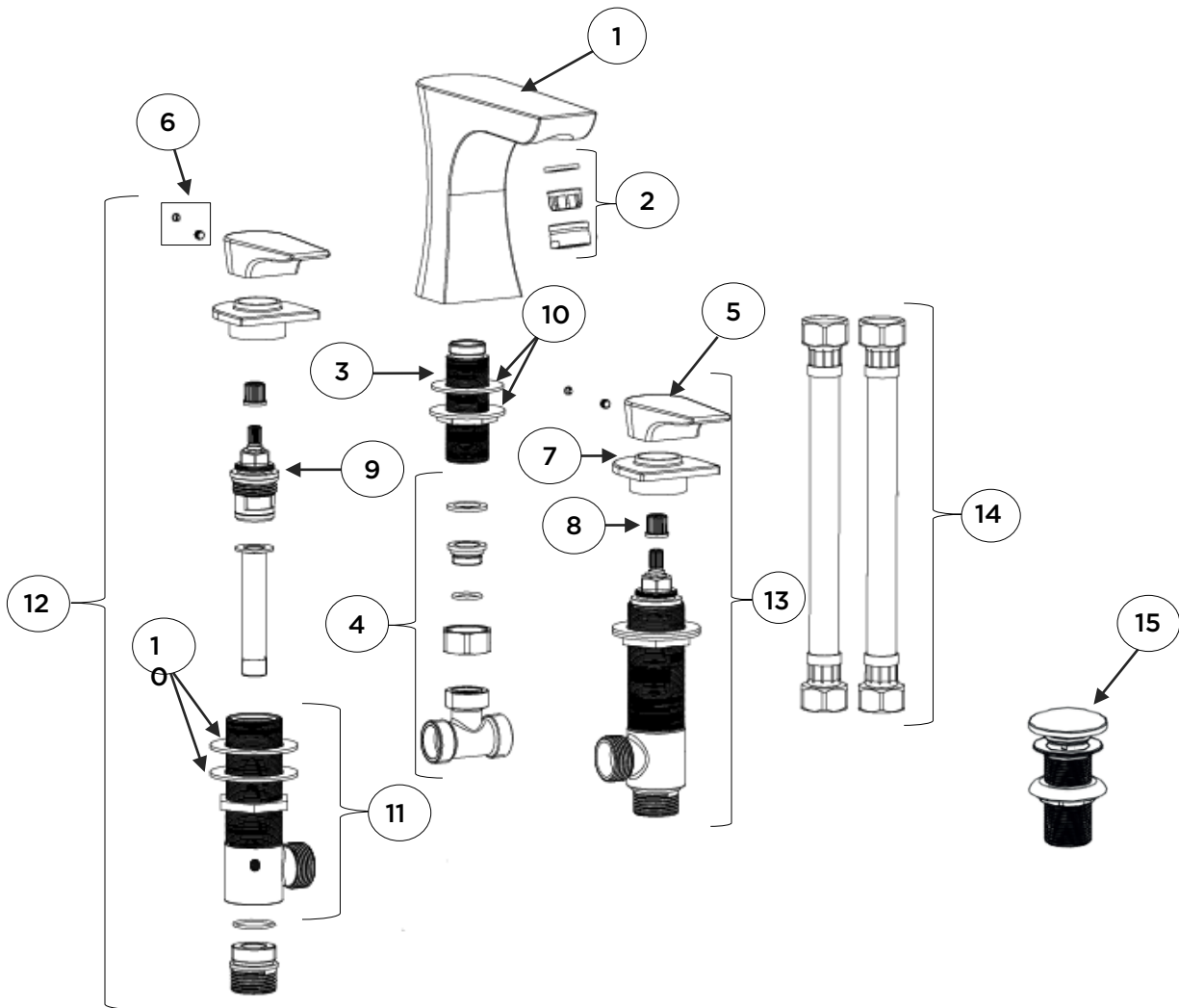
1. Handle	x1
2. Cap & Grub Screw	x1
3. Shroud	x1
4. Retaining Nut	x1
5. Cartridge	x1
6. Body	x1
7. Anti- splash Assembly	x1
8. Washer	x1
9. Fixing Rod	x2
10. Rubber Washer	x1
11. Metal Washer	x1
12. Fixing Nut	x2
13. Flexi Tails	x2



1. Identify all components are present prior to starting installation.
2. Install mixer to the bath, ensuring the washer (8) is fitted between the mixer body (6) and the bath.
3. Screw the fixing rods (9) into the bottom of the mixer body (6).
4. Slide 'C' shaped rubber washer (10) and 'C' shaped metal washer (11) onto the fixing rods (9) up to underside of the bath.
5. To secure the mixer in place tighten the fixing nuts (12) onto the fixing rods (9) until they are fully tightened against the 'C' shaped metal washer (11).
Note: The fixing nuts (12) can be tightened with a suitable spanner.
6. Screw the flexi tails (13) into the bottom of the mixer body (6) and tighten by **hand only (do not over-tighten)**
7. Connect the hot and cold water supplies to the flexi tails.
8. Turn on both water supplies, lift the mixer handle (1) upwards and operate in both directions, letting the water flow for a few minutes.
9. Check all joints and connections for leaks.

Installation cont.

3 Hole Basin Mixer & Bath Filler



1. Spout	x1	9. Valve	x2
2. Anti- splash Assembly	x1	10. Washer & Backnut	x3
3. Spout Threaded Tail	x1	11. Side Bodies	x2
4. T-Joint Assembly	x1	12. Hot Tap Body Assembly	x1
5. Handle	x2	13. Cold Tap Body Assembly	x1
6. Cap & Grub Screw	x1	14. Flexi tails	x2
7. Plinth	x2	15. Complete Clicker Waste	x1
8. Spline adaptor	x2	(supplied with Basin Mixer only)	

Installation cont.

3 Hole Basin Mixer & Bath Filler

1. Identify all components are present prior to starting installation.
2. Remove the handles (5) from the side bodies by prising out the caps and unscrewing the grub screws (6). Unscrew the plinths (7) from the side bodies (11).
3. Feed the side bodies (11) (marked red for hot side, blue for cold side) from the underside of the basin/bath and keep in place by screwing on the plinths (7) at the top. Secure in place using the backnut and washers (10). The connections to the spout should both be pointing inwards to the middle of the basin/bath.
4. Re-fit the handles (5) back on to the side bodies (11) using the caps and grub screws (6).
5. Unscrew the T-Piece (4), washers and backnut (10) from the thread of the spout (3). Fit the spout (1) to the basin/bath and secure using the backnut and washer (10).
6. Re-attach the T-Piece (4) and connect to the side bodies (11) using the flexible tails (14). Ensure there are no twists, loops or kinks in the tails.
7. Connect the hot and cold water supplies to the side bodies (11) (hot to the left, cold to the right when viewed from the front). We recommend to fit isolation valves (not supplied) for future maintenance purposes.
8. HOU 3HBAS C Only - Fit the clicker waste (15) ensuring a rubber washer is fitted between the basin and the waste. Place the other rubber washer under the basin and secure in place by tightening the backnut. In order to fill the basin, the button in the middle of the waste needs to be pressed down. To release the water, press the button again.
9. Turn on the water supply and check all joints and connections for leaks.



Installation Cont. 5 Hole Bath Shower Mixer

1. Identify all components are present prior to starting installation.
2. Remove the handles (3) from the side bodies (17 & 18) by removing the cap (4) and loosening the grub screw (4) at the rear of the handle (3).
3. Unscrew the plinths from the side bodies (5).
4. Fit the side bodies (17 & 18) to the bath from underneath and screw the plinths (5) onto the side bodies (17 & 18). Secure the side bodies by tightening the backnuts (8)
5. Fit the spout (1) to the bath secure by tightening the backnut (8).
6. Unscrew the diverter knob (10) and plinth (12) from the diverter and fit the diverter body to the bath. Re-fit the plinth (12) and diverter knob (10) and tighten backnut (8) to secure into position.
7. Fit the handset connection (15) to the bath and secure in place by tightening the backnut (8)
8. Connect the flexi hoses (19) from the side bodies (17 & 18) to the T-joint (13). The other flexi hose connects the T-joint (13) to the spout threaded tail (9)
9. Screw the shower hose (16) onto the handset (14) and thread the hose through the handset connection (15). Screw the hose (16) onto the back outlet of the T-joint (13).
10. Connect the water supply pipes to the side body threaded tails (17 & 18)
11. Turn on both, hot and cold taps letting the water flow for several minutes to flush the system and check for any leaks.
12. To switch from bath fill to shower mode pull the diverter knob (10) up. To revert back to bath fill mode, while in use, push the diverter back down.
The bath shower mixer will automatically revert back to bath fill if turned off while in shower mode.

Maintenance

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, 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 spouts.

We advise that your product is regularly serviced in hard water areas to maintain optimum performance.

Cleaning the Showerhead:

HOU 5HBSM C

Your Bristan showerhead has 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 showerhead. Build up of scale in particularly hard water areas combined with constant use means you may need to clean your showerhead once a week. To ensure continued performance the showerhead needs to be regularly descaled.

Maintenance cont. Cleaning the Valves:

If your fitting begins to leak the following should be carried out;

Isolate both hot and cold water supplies to the tap by either:

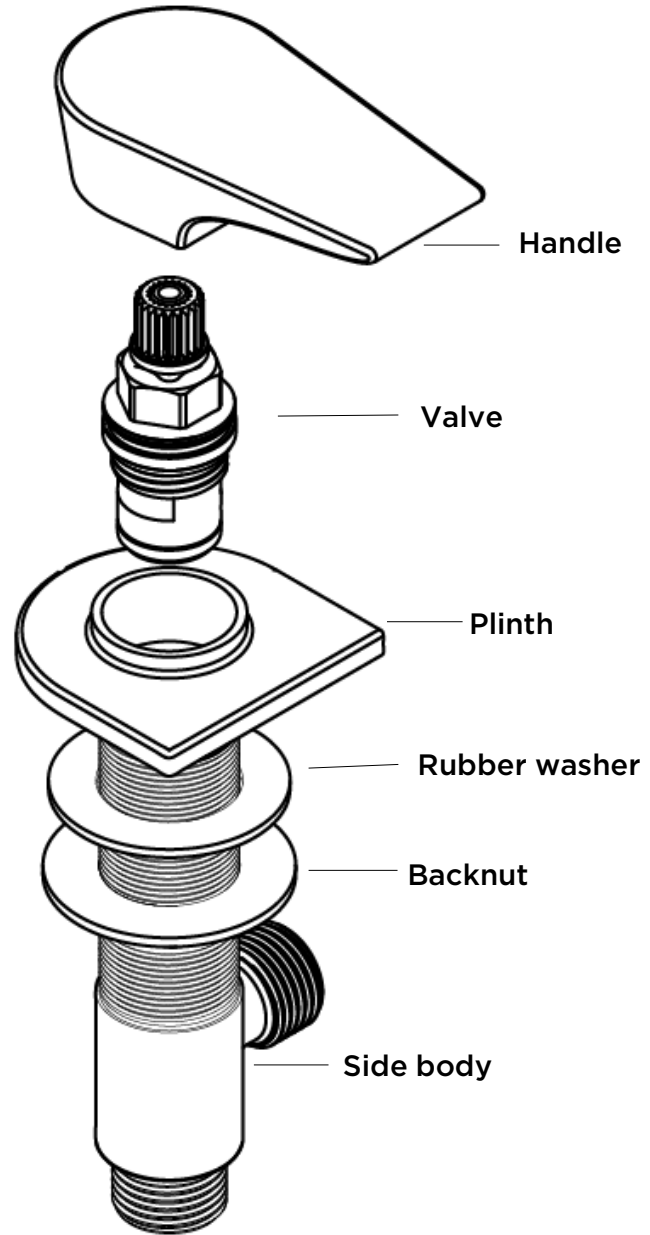
- Turning the water supply off at the mains stopcock or
 - Turning off the isolation valves to the tap.
1. Remove the cap at the rear of the handle to reveal the concealed grub screw.
 2. Unscrew the grub screw and pull the handle upwards.
 3. Unscrew the valve from inside of the side body using a suitable spanner.
 4. Lift out the valve and clean thoroughly. Be sure to check and clean out the seating within the tap body/assembly.
 5. If necessary replace the valve.

Please visit www.bristan.com and search for your **product code** in order to find spare parts for this product.

6. Place the valve back into the tap side body and tighten the valve fully using a suitable spanner.
7. Replace handle assembly push the handle onto the valve. Tighten the grub screw and push fit the cap.

Note: It may be necessary to tighten the backnut.

8. Turn on water supply and check for leaks.
9. Contact our helpline if problems persist.



Maintenance cont. Cleaning the Cartridge:

If your fitting begins to leak the following should be carried out:

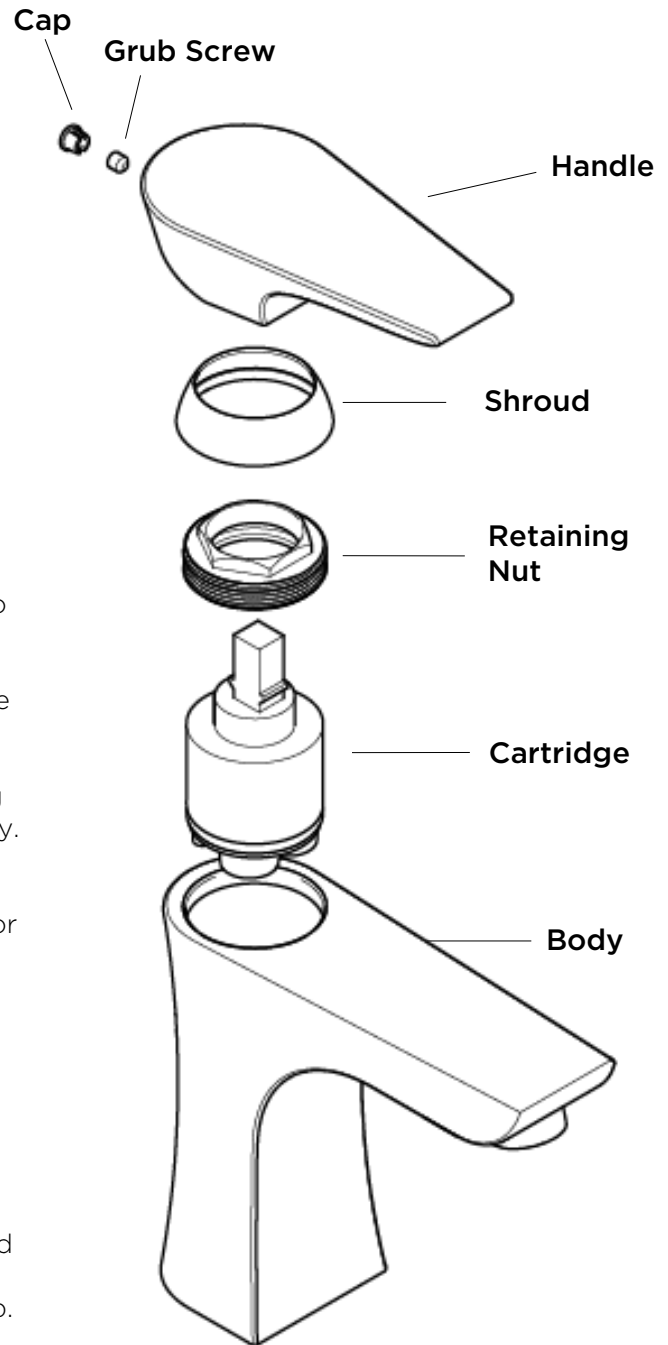
Isolate both hot and cold water supplies to the tap by either:

- Turning the water supply off at the mains stopcock or
- Turning off the isolation valves to the tap.

1. Remove the cap at the rear of the handle to reveal the concealed grub screw.
2. Unscrew the grub screw and pull the handle upwards.
3. Unscrew the shroud and cartridge retaining nut and pull the cartridge out from the body.
4. Clean the cartridge thoroughly under cold water to remove any build up of limescale or debris.

Please visit www.bristan.com and search for **your product code** in order to find spare parts for this product.

4. Replace the cartridge into the body and tighten the retaining nut to secure in place.
5. Screw the shroud onto the retaining nut and push the handle onto the cartridge. Tighten the grub screw and push fit the cap.



Troubleshooting

Symptom	Cause	Remedy
No flow or poor flow rate.	Partially closed stop or service valve in water supply pipework to the tap.	Open stop or service valve.
	Head of water is below the minimum distance required.	Refer to the Specification section for minimum pressures required.
	Possible airlock / blockage in supply pipework	Remove water supplies from the fitting and flush the system to remove any airlocks / debris.
	Cartridge / Valve not opening fully.	Service fitting. Refer to maintenance section on pages 10-11.
Water dripping for a few seconds after the tap has been turned off.	This is caused by 'capillary action' and residual water in the spout being siphoned out.	This should only last for a couple of seconds.
Constant dripping / leaking when the tap is not in use.	Cartridge / Valve not fully shutting off.	Service fitting and replace cartridge/valves. Refer to maintenance section on pages 10-11.
Fitting does not turn on.	Water supplies not turned on.	Check that the water supplies to the fitting are turned on.
	Closed stop or service valve.	Open stop or service valve.
Water does not come out of the showerhead when using the bath shower mixer.	Diverter mechanism not fully open.	Ensure diverter is pulled fully up.
	Insufficient water pressure / header height.	Refer to the specification section for minimum pressures required.

Bristan 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 to register your product via a computer.

For full guarantee terms and conditions visit, www.bristan.com/guarantees



We Know & We Care

Notes

Notes

BRISTAN

This booklet covers product codes:
HOU 1HBF C, HOU 3HBAS C, HOU 3HBF C, HOU 5HBSM C

Helpline
0330 026 6273

Bristan Group Limited
Birch Coppice Business Park, Dordon, Tamworth, Staffordshire
B78 1SG

Website:
www.bristan.com
Telephone: 0330 026 6273
Email: enquire@bristan.com