

Important Technical Data:

Minimum operating pressure 0.2 bar (Bath), 1.0 bar (Shower)
Maximum operating pressure 5 bar*
Maximum hot water temperature 70°C*

Note: If these temperatures or pressures are exceeded, even for short periods, damage can result. In these instances a thermostatic mixing or pressure reducing valve should be installed.

For manual mixing products we recommend the installation of a separate TMV2 product to reduce the risk of accidental scalding.

Hot and cold supply pressures should be as closely balanced as possible for best results. Supply pipes should maintain the maximum diameter until immediately before the fitting.

All Abode taps are either WRAS approved or manufactured in accordance with recognised European standards. Please ensure that your Abode product is fitted in accordance with Local Water Byelaws.

Hot and cold water mix within this (single flow) product, then suitable non return valves should be installed to the hot and cold supplies to prevent backflow.

Whilst assembling this product take care not to accidentally loosen any screwed assemblies. PTFE tape can be used to ensure watertight joins on threaded connections, do not over tighten connections or allow pipes to be twisted or folded.

The installation should be periodically checked for damage, if the property is left unattended for a prolonged period we recommend isolating water supplies.

Abode is a registered trademark of Abode Home Products Limited. All errors and omissions excepted.

Marino Bath Shower Mixer

5 Year Warranty Terms & Conditions:

In the unlikely event that you should experience any defect in the materials or workmanship of your new Abode mixer within FIVE years of purchase, the purchaser's sole remedy shall be the replacement (at the manufacturer's discretion) of all or any part of the product that is defective. Valves are guaranteed for a period of FIVE years from purchase. Decorative surface finishes and O-rings are guaranteed for ONE year from the date of purchase provided that our advice concerning care has been observed and no scouring agents have been used.

This is provided that the product has been used for normal domestic purposes in the UK and that the care, installation and maintenance instructions have been observed. The warranty extends to the original purchaser only. You should retain a copy of your dated invoice as proof of purchase to validate any claims under this warranty.

Marks and scratches caused by improper installation or accidental damage are not covered by this guarantee. Neither are shade variations or any damage or defect caused by incorrect installation or abuse of the fitting.

As we are continuously improving and developing our products range, finishes & colours, in the event of a valid claim, we may not be able to provide an identical replacement for the defective product throughout the warranty period. Where an identical product is no longer available, we will supply the nearest equivalent from our then current product range. In assessing your claim, we must be given the opportunity to inspect the product as installed prior to removal. Any product returns must be packaged carefully as received and complete.

No other warranties, express or implied, are made, including merchantability or fitness for a particular purpose. Under no circumstances shall the manufacturer be liable for any loss or damage arising from the purchase, use or inability to use this product, or for any special, indirect, incidental or consequential damages. No liability is accepted for consequential damage to other household fixtures, fittings or furnishings arising from this claim, even if attached to the product. No installer, dealer, agent or employee of Abode Home Products Limited has the authority to modify the obligations or limitations of this warranty.

Product Care Instructions:

To maintain the appearance of this tap, ensure that it is regularly cleaned only using a clean, soft damp cloth. A solution of warm water and a mild liquid detergent may be used where necessary, and then the fitting rinsed thoroughly and wiped dry. Any other cleaning action or cleaning products will invalidate your warranty.

If the mixertap has a diffuser it can be unscrewed and cleaned periodically in warm water to maintain flow.

Abrasive cleaners, scouring cleaners, limescale cleaners and acidic cleaners **must not be used** under any circumstances. Avoid contact with all solvents (including chlorinated solvents, ketones or acetones as these may result in surface deterioration or etching). Also avoid contact with any harsh household chemicals such as bleach cleaners, drain cleaners, rust removers, paint strippers and toilet bowl cleaners, toothpaste, mouthwash, bar keepers friend or Brasso.

Manufacturers Reference

AB4083

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Please leave these instructions for your customer.

Installation Preparation:

All parts should be removed from their packaging and inspected for any transport damage and completeness prior to installation; you should read these instructions throughout before commencing installation.

We do not accept responsibility for problems that may occur through improper installation. Always ensure you have sufficient hot and cold water pressure available to allow correct function before specifying or installing this product.

Before installing the new mixer **it is essential that you thoroughly flush through the supply pipes** in order to remove any remaining solder, swarf or impurities from your system. Failure to carry out this simple procedure could cause problems or damage to the workings of the mixertap.

We strongly recommend installing particle filters and isolation valves to both the hot and cold feed pipes in an accessible position. This will help to prevent premature failure of the valves and ease any future maintenance.

All serviceable parts should be given suitable access to allow easy future maintenance.

Shut off your water heating system and ensure that your mains stopcock is closed. Ensure both the hot and cold water supplies are isolated before commencing installation.

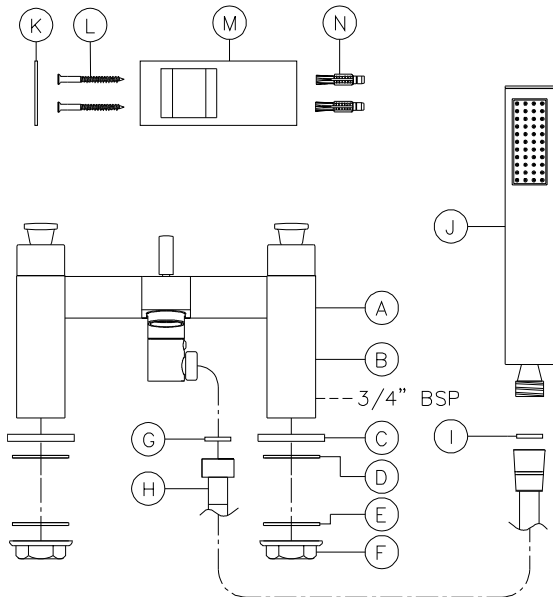
You should ensure that the product will fit into the depth of the mounting surface available, suit the tap hole centre distances and reach the required outlet position before installation.

Where a pop up waste is supplied you should check sufficient reach is available to the waste location.

If replacing an existing tap, remove the tap & clean the end of the feed pipes using wire wool, the tap hole area should be free from dirt and sealant.

Loosely position the tap and tail pipes to check if any alteration to the existing pipework is required, if this is the case do this now.

Key:	Description:	Qty.
A	Bath mixer	1
B	Fixing stem	2
C	Base plinth	2
D	Upper seal	2
E	Lower seal	2
F	Fixing nut	2
G	Rubber gasket	1
H	Shower hose	1
I	Rubber gasket	1
J	Showerhead	1
K	Cap	1
L	Screws	2
M	Mounting bracket	1
N	Wall plugs	2



Installation Guidance:

1. Place the base plinths (C) onto the base of the tap (A).
2. Place the upper seals (D) onto the base of the base plinths (C).
3. Place the tap (A), base plinths (C) and upper seals (D) centrally over the bath tap holes passing the fixing stems (B) through the bath tap holes.
4. Pass lower seals (E) along fixing stems (B) flush to the underside of the bath.
5. Hand tighten the supplied fixing nuts (F) onto the fixing stem (B) flush to the underside of lower seals (E).
6. With the tap correctly positioned tighten the fixing nuts (F) fully using an adjustable basin spanner or similar. Note do not over tighten the fixing nuts.
7. Connect the hot and cold feed pipes to the fixing stems (B) using the appropriate sized 3/4" compression fittings (not supplied).

After installation:

Once you have visually checked the installation of the new tap and all connections, ensure that all other fittings are closed except the new tap which should be left open.

Turn on your water heating system and ensure that your mains stopcock is open. Reconnect both the hot and cold water supplies to this fitting.

Check the function of flow and function of hot and cold water.

Turn off the tap and check carefully for any leaks around all connections on the fitting and adjoining plumbing.

If possible return to the installation after a longer period to double check for slower leaks. If pressure testing equipment is available check the installation to the maximum recommended pressure.

Clean the tap to remove any marks created during installation as instructed then place a bag over the product to protect the tap until it is ready for use.