



## 5 Year Warranty - Terms and Conditions:

In the unlikely event that you should experience any defect in the materials or workmanship of your new Abode mixer within 5 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. All working parts and valves are guaranteed for a period of 5 years from purchase. Decorative surface finishes and O-rings are guaranteed for 1 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 mixer or tap has been used for normal domestic purposes and that the care, installation and maintenance instructions have been observed. The warranty extends to the original purchaser only.

Marks, scuffs 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 range of products, 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 guarantee 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 securely 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.

**You should read these instructions throughout carefully before commencing installation, especially if you have not installed this product previously. If you have any doubts or questions then you should contact a qualified professional to install this product.**

### Before You Begin:

- Remove the Swich and filter from its packaging, check for any transport damage and that all parts are present.
- Isolate the cold water supply to the area around the tap as required, this can be checked by turning on the cold water tap. Drain as much water as possible from the nearby system.

### Stage 1 - Preparation:

- 1) Where to locate the Swich? The Swich can be placed in several places...
  - I. Through an existing taphole in your sink that may be covered with a blanking plug that can be removed.
  - II. Creating a new taphole through your sink. If the sink has a large tap deck or if the sink design is reversible, and there is provision for a 2<sup>nd</sup> taphole, you may cut through at the point indicated by the manufacturer.
  - III. Through the worktop around the sink area. Please note the maximum permissible worktop thickness is 55mm.

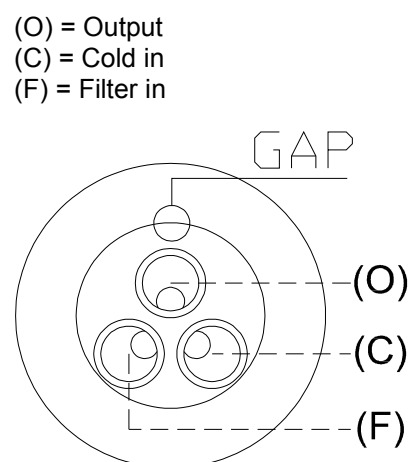
Remember...

  - Any new taphole created for Swich should be 35mm diameter (+3 / -1mm).
  - A minimum radius of 32.5mm (65mm diameter) must be available around the Swich so the handle may turn freely.
  - Sufficient space under the Swich must be present to allow for plumbing connections and access to install the product.
  - **Always roughly assemble the product and plan the best position for Swich and subsequent plumbing, before making an additional taphole in your kitchen.**
- 2) Determine the type of tap to be used in conjunction with the tap. This can be one of two types...
  - I. A 'single flow' tap, this is most common where the tap has only one operating handle and has only one path through the spout for both hot and cold water to pass through.
  - II. A 'dual flow' tap, this is most common where the tap has 2 handles to operate hot and cold water independently, the tap spout will have 2 separate pipes or channels for the hot and cold water passing through the spout. This can be seen by unscrewing the end of the spout and looking inside the spout.
    - a) If your tap is 'dual flow' the non return valve section (X6—see page 5 diagram) of the Swich will not require installation.
    - b) If your tap is 'single flow' the non return valve section (X6) must be installed on the cold water feed to the tap to prevent backflow. Note the non return valve (section X6) should have been installed at the same time as your tap to prevent backflow and should be reused where indicated.
    - c) If you are unsure about the type of tap installed then ensure the non return valve section (X6) is installed regardless.

## Stage 2 - Install Switch:

- 1) Decide on the location of the Switch (A1) and prepare the 35mm diameter taphole.
- 2) Place the upper seal (A2) into the groove underneath the Switch handle.
- 3) Screw the small pushfit adaptor (D9) into extension leg (A5).
- 4) Screw the Flexi tail (B1) into the base of Switch, (O) on the diagram for base inlets, NOTE: (O) is the inlet with the largest gap to edge.
- 5) Screw the extension leg (A5) into the base of Switch, (F) on the diagram for base inlets.
- 6) Screw the Flexi tail (C1) into the base of Switch, (C) on the diagram for base inlets.
- 7) Pass the Switch (A1), extension leg (A5), Flexi tail (C1) and Flexi tail (B1) through the taphole from above the sink or worktop.
- 8) Pass the lower gasket (A3) then fixing nut (A4) over the threaded section of Switch (A1).
- 9) With the Switch (A1) central to the taphole and the Flexi tail (B1) located fully at the front of Switch (A1) tighten the fixing nut (A4) fully.

Switch inlets,  
viewed from underside:



## Stage 3 - Mount The Filter Cartridge:

1. Decide on the location of the filter system (D4-D8), typically this will be fixed to the sink base unit wall.
2. Using the 2 x filter head screws (D4) attach the fixing bracket (D5) to the filter head (D7). Take note of the direction of flow (inlet and outlet) marked on the filter head (D7).
3. Using the 3 x fixing bracket screws (D6) attach the fixing bracket (D5) and filter head (D7) to the inside of the sink base unit or similar, if fixing to alternative surface please use the appropriate fixings.
4. Insert the filter cartridge (D8) into the filter head (D7) by pushing the filter cartridge (D8) upwards into the filter head (D7) then turning until locked.

Important...

- The filter cartridge (D8) performs best when mounted vertically and when the blue pipes (D3) are as short as practical.
- The filter cartridge (D8) will require a small amount of space around it to allow it to be removed.
- Place the filter system and blue pipes (D3) where they will not be accidentally damaged i.e. away from drawers & doors.
- Locate the filter cartridge (D8) where it is easily accessible to the owner for replacement.

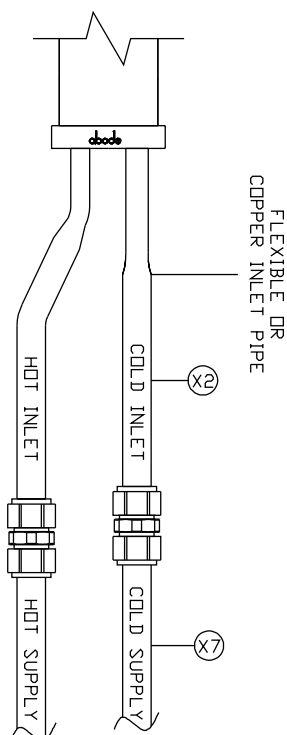
## Stage 4 - Create The 'Break' In The Cold Water Supply To The Tap: (Retro Fitting To A Preinstalled Tap Only)

1. Decide on the most practical position for the 'break' in the cold water supply (see notes below).
2. Measure, then mark the required length of 15mm pipe to remove using a marker.
3. Cut both ends of the pipe using a pipe cutter. Ensure that both ends of the pipe are straight, burr free and cut squarely.
4. Remove the 'break' section of pipe.

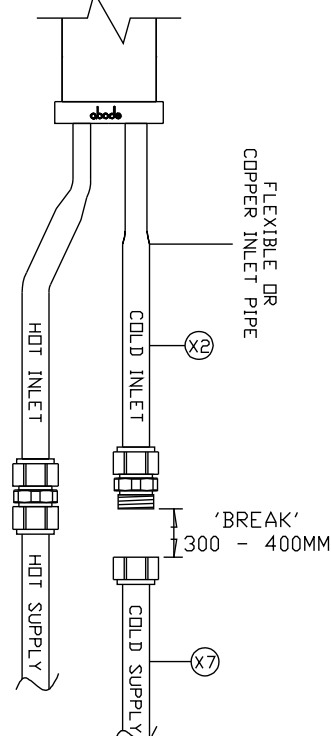
Important...

- Locate the 'break' as close as is practical to the tap.
- The 'break' should be at least 300mm in length (if not requiring non return valve section (X6)).
- The 'break' should be at least 400mm in length (if requiring non return valve section (X6)).
- The connection size and type of the 'Break' will depend on your existing tap connections.
- The 'break' will be replaced by the three way tee (D1) this must be easily accessible to the user after installation as it must be operable when replacing the filter cartridge (D8).
- Any debris or swarf that may be in the feed pipes must be flushed to prevent damage to the Switch valve.

Example tap connections before the 'break' is created:



Example tap connections after the 'break' is created:



## Stage 5 - Install The Non Return Valve Section (X1) (If Required, See Stage 1):

1. Pass compression nut (E2) then compression olive (E1) over the 15mm cold supply pipe (X7).
2. Push the non return valve (E3) onto the 15mm cold supply pipe (X7), note the arrow on the non return valve (E3) indicates the direction of flow, install the valve (E3) with the arrow facing away from the 15mm cold supply pipe (X7) and towards the tap.
3. Whilst holding non return valve (E3) tighten compression nut (E2) fixing non return valve (E3) to the 15mm cold supply pipe (X7).
4. Cut a small section (approximately 50mm) of 15mm pipe (X8) using a pipe cutter, ensure that both ends of the pipe are straight, burr free and cut squarely.
5. Push the section of 15mm pipe (X8) into the non return valve (E3), then pass compression olive (E1) then compression nut (E2) over the 15mm cold supply pipe (X8).
6. Whilst holding non return valve (E3) tighten compression nut (E2) fixing non return valve (E3) to the 15mm pipe section (X8).

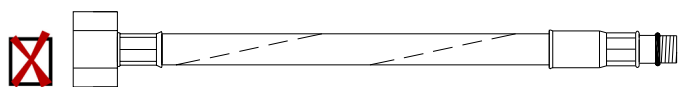
## Stage 6 - Install The Three Way Tee:

1. Connect flexi tail (C1) to the three way valve (D1).
2. Screw the large pushfit adaptor (D2) onto the three way valve (D1).
3. Pass compression nut (E2) then compression olive (E1) over the 15mm cold supply pipe (X7 or X8) dependant on if NRV are fitted.
4. Place the three way tee (D1) onto 15mm cold supply pipe (X7 or X8) dependant on if NRV are fitted. Note the blue valve on three way tee (D1) should face forwards for easy access.
5. Whilst holding three way tee (D1) tighten compression nut (E2) fixing the three way tee (D1). To 15mm pipe (X8 or X7).

## Stage 7 – Connecting The Blue Pipe And Flexi tails:

1. Cut a clean edge to the ¼" blue pipe (D3) then firmly push the thin ¼" blue pipe (D3) into the small pushfit adaptor (D9).
2. Roughly measure the ¼" blue pipe (D3) to the outlet pushfit in filter head (D7). Cleanly cut the ¼" blue pipe (D3) slightly longer than the length required and firmly push the ¼" blue pipe (D3) into the outlet pushfit in filter head (D7).
3. Firmly push the thin ¼" blue pipe (D3) into the large pushfit adaptor (D2).
4. Roughly measure the ¼" blue pipe (D3) to the inlet pushfit in filter head (D7). Cleanly cut the ¼" blue pipe (D3) slightly longer than the length required and firmly push the ¼" blue pipe (D3) into the inlet pushfit in filter head (D7).
5. Screw flexi tail (C1) onto the three way tee (D1).
6. Screw flexi tail (B1) onto cold inlet.

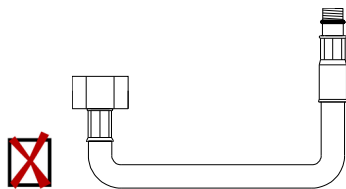
### Correctly attaching Flexi hoses:



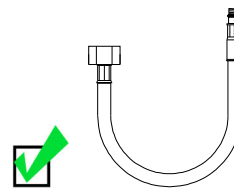
- The hose is twisted and stretched



- The hose is not twisted and slack is present



- The bends on the hose are too sharp and located too closely to either end of the hose



- The bend in the hose is a large smooth flowing radius; the bends are located away from the fitting ends.

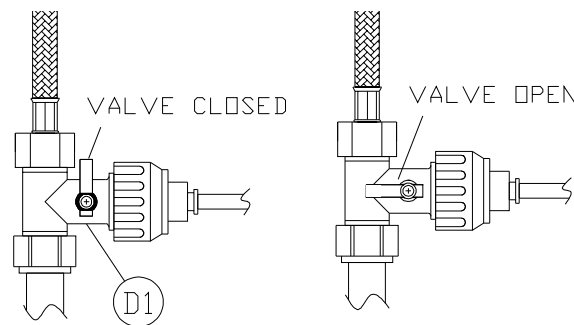
### Important...

- Self adhesive cable ties and bases have been supplied to help temporarily keep the pipes tidy (i.e. on the under side of a sink or similar) during installation.
- Keep the pipes away from sources of heat, chemicals, sharp objects and items that are moved frequently and may dislodge connecting pipes such as unit doors and drawers.
- Never use coloured ¼" pipe sections that are crushed, kinked or show signs of damage
- When inserting a coloured pipe into a pushfit fitting, always ensure the pipe is parallel to the fitting and has sufficient spare length to ensure no tension is applied to the pushfit fitting.
- Never insert any object other than the coloured pipes into the pushfit fittings.

## Stage 8 - Setting Up The Filter:

Slowly turn the cold water supply back on; now carefully check the installed system at all joints for any leaks. If pressure testing equipment is available check the installation to the maximum recommended pressure.

1. Turn the valve on the three way tee (D1) to the open position (see diagram).
2. Turn Switch control handle to the 'F' (filtered water) position.
3. Turn the tap to the cold only position and onto full flow. Note any air in the system may take a moment to displace.
4. Adjust the three way tee (D1) so the filtered water flows through the tap at approximately 2 litres a minute (this can be checked using a kitchen jug and watch). Note the slower the water passes through the filter system the better the filtered water will be.



5. Flush the filter system through for approximately 20 litres, you may notice some dark discoloration in the water at this point, this is completely normal, harmless and will pass with flushing.
6. Turn Switch to the 'C' (cold water) position. You should notice the flow of water increases over that of the filter water selection.
7. Write the installation date on the filter cartridge label (D8).

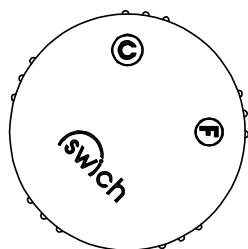
### Using Switch:

Using Switch couldn't be easier, simply turn the Switch handle to select the type of water required, the 'click' will help to indicate when the handle is in the required positions.

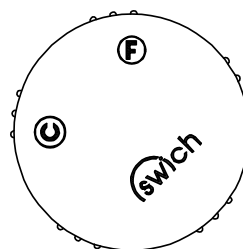
Position 'C' will select normal unfiltered cold water, position 'F' will select filtered cold water.

Once Switch has selected the water type, turn on the kitchen tap as normal to control the flow of water required.

When installed the C or F uppermost on the control in the correct readable orientation is the water channel selected.

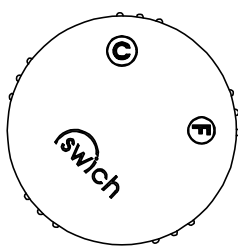


**Cold water selected**

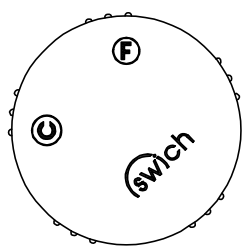


**Filter water selected**

Some clients find it more intuitive to turn the handle clockwise for filtered water and anticlockwise for cold water.



**Filter water selected**



**Cold water selected**

In the instance the installer should swap over the inlet connection positions and associated pipes & fittings (A5) and (C1)

- For best results when using the filtered water always run the tap for a few moments. Running the tap will help to flush the system through and will also make the water cooler for drinking. If the tap has not been used for some period, flush for longer.
- When comparing the taste of filtered and unfiltered water always taste the filtered water first, during the filters operating life the taste of chlorine will be less distinct and the water will be visually clearer.
- The triple stage water filter is designed to improve the taste, clarity and odour of drinking water, the filter also reduces sediment, the level of some chemical impurities and scale build up on cookware.
- Each filter cartridge has a maximum six month life depending upon your water quality. We recommend the cartridge is replaced periodically for reasons of hygiene.
- An alternative filter designed specifically for very hard water areas is also available, please call for details.

**For replacement filters call 01226 283434. Abode operate a free replacement filter reminder service,**  
If you would like to take advantage of this service please fill in the enclosed registration card.

Key:	Description:	Qty
A1	Switch body	1
A2	Upper seal	1
A3	Lower gasket	1
A4	Fixing nut	1
A5	Extension leg	1
B1	Flexi tail (Input feed to tap)	1
C1	Flexi tail (Cold input from tee)	1
D1	Three way valve	1
D2	Large pushfit adaptor	1
D3	1/4" blue pipe	1
D4	Filter head screws	2
D5	Fixing bracket	1
D6	Fixing bracket screws	3
D7	Filter head	1
D8	Filter cartridge	1
D9	Small pushfit adaptor	1
E1	15mm compression olive	2
E2	15mm compression nut	2
E3	Non return valve	0
X1	M12 x 1/2" M flexi tail (Cold water inlet)	0
X2	15mm tap inlet pipe (Cold water inlet)	0
X3	M12 x 1/2" F flexi tail (Cold water inlet)	0
X4	15mm compression olive	0
X5	1/2" M x 1/2" M Adaptor or Union	0
X6	Optional non return valve section (see stage 5)	0
X7	15mm cold water supply pipe	0
X8	15mm pipe section	0
	Self adhesive cable tie bases	2
	Cable ties	2

### Important Technical Data:

This product can be used in conjunction with a water softening system and can substitute the requirement for a separate drinking water tap. In this instance three way tee (D1) must cut into the unsoftened cold mains supply.

These installation instructions have been prepared for your guidance and you must exercise due care at all times. We do not accept responsibility for problems that may occur through improper installation, PTFE tape can be used to ensure watertight joints on threaded connections, do not over tighten connections or allow pipes to be twisted or folded.

We recommend fitting isolation valves before the Switch connections to ease any future maintenance.

Please ensure that your Switch is fitted in accordance with Local Water Byelaws.

Recommended Minimum Cold Water Pressure: 1.0 bar  
Recommended Maximum Cold Water Pressure: 5.5 bar

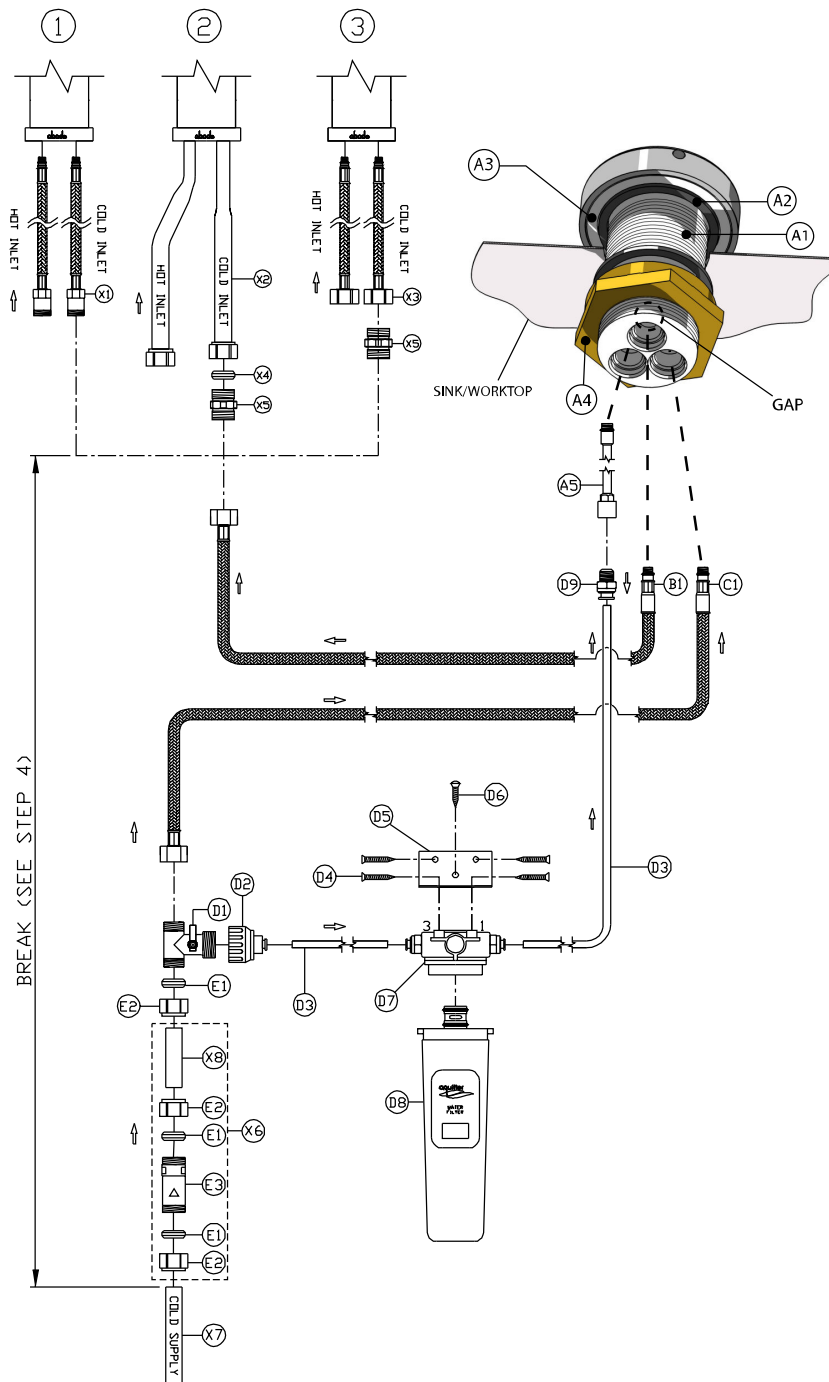
Note: If these pressures are exceeded, even for short periods, damage can result.

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

### Care Instructions for your Switch:

To maintain the appearance of this product, 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.

Abrasive cleaners, bleaches, scouring 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 oven cleaners, drain cleaners, rust removers, paint strippers and toilet bowl cleaners.



Please leave all literature for your customer, for further information call 01226 283434