



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 product 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. All working parts and valves are guaranteed for a period of TWO years, filter cartridges for six months from purchase. Decorative surface finishes 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 guarantee.

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.
- Gather the tools required, this may include adjustable spanners, pipe cutters, plastic pipe snipper, Stanley knife, screwdrivers and cloth.

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 2nd 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...

 - The closer the Swich is positioned to your existing tap and plumbing the more effectively it will function.
 - 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.
 - a) If your tap is 'dual flow' the non return valve section (X1—see page 5 diagram) of the Swich will not require installation.
 - b) If your tap is 'single flow' the non return valve section (X1) must be installed on the cold water feed to the tap to prevent backflow.
 - c) If you are unsure about the type of tap installed then the non return valve section (X1) should be installed regardless.

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 (X3).
2. Push the non return valve (E3) onto the 15mm cold supply pipe (X3), 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 (X3) 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 (X3).
4. Cut a small section (approximately 50mm) of 15mm pipe (X4) 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 (X4) into the non return valve (E3), then pass compression olive (E1) then compression nut (E2) over the 15mm cold supply pipe (X4).
6. Whilst holding non return valve (E3) tighten compression nut (E2) fixing non return valve (E3) to the 15mm pipe section (X4).

Stage 6 - Install The Three Way Tee:

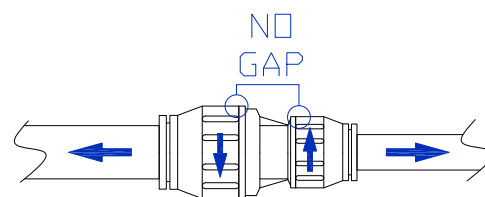
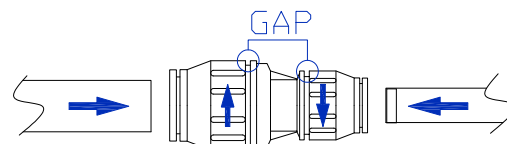
1. Pass compression nut (E2) then compression olive (E1) over the 15mm x 10mm pushfit stem (C2), place the 15mm x 10mm pushfit stem (C2) into the three way valve (D1).
2. Whilst holding three way tee (D1) tighten compression nut (E2) fixing the 15mm x 10mm pushfit stem (C2) to the three way valve (D1).
3. Screw the large pushfit adaptor (D2) onto the three way valve (D1).
4. Pass compression nut (E2) then compression olive (E1) over the 15mm cold supply pipe ((X4) if non return valve section (X1) has been installed or (X3) if it has not).
5. Place the three way tee (D1) onto 15mm cold supply pipe ((X4) if non return valve section (X1) has been installed or (X3) if it has not). Note the valve on three way tee (D2) should face forwards for easy access.
6. Whilst holding three way tee (D1) tighten compression nut (E2) fixing the three way tee (D1) to 15mm pipe (X4 or X3).

Stage 7 - Connect The Coloured Pipes:

1. Push the thin 1/4" blue pipe (D3) into the small pushfit adaptor (D9) attached to the Switch assembly (A1).
2. Roughly measure the 1/4" blue pipe (D3) to the outlet pushfit in filter head (D7). Cut the 1/4" blue pipe (D3) slightly longer than the length required and push the 1/4" blue pipe (D3) into the outlet pushfit in filter head (D7).
3. Push the thin 1/4" blue pipe (D3) into the large pushfit adaptor (D2).
4. Roughly measure the 1/4" blue pipe (D3) to the inlet pushfit in filter head (D7). Cut the 1/4" blue pipe (D3) slightly longer than the length required and push the 1/4" blue pipe (D3) into the inlet pushfit in filter head (D7).
5. Roughly measure the 10mm blue pipe (C1) to the pushfit stem (C2). Cut the 10mm blue pipe (C1) slightly longer than the length required. Push in 10mm pipe insert (F1) into the cut pipe and push the 10mm blue pipe (C1) into the pushfit stem (C2).
6. Push the pushfit reducer (B2) onto the 15mm tap inlet pipe (X2).
7. Roughly measure the 10mm black pipe (B1) to the pushfit reducer (B2). Cut the 10mm black pipe (B1) slightly longer than the length required. Push in 10mm pipe insert (F1) into the cut pipe end and push the 10mm black pipe (B1) into the pushfit reducer (B2).

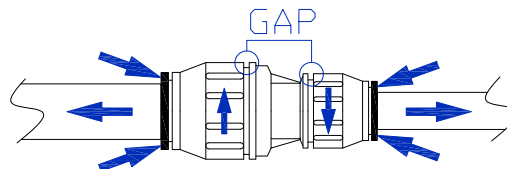
Correctly inserting pipes into pushfit fittings:

- I. Cut the coloured pipes using a plastic tube snipper or sharp Stanley knife. Cut pipe ends must be uncrushed, straight, burr free and cut squarely.
- II. Firmly push the 10mm pipe inserts (F1) into the cut ends of black and blue pipes (B1 & C1).
- III. Turn the screwcaps on the push fit fittings into the unlocked position so that a gap is visible (see picture).
- IV. Always firmly push the pipes into the fitting fully (until they can be pushed no further).
- V. Turn the screwcaps on the push fit fittings into the locked position so that a gap is not visible (see picture).
- VI. **After insertion always pull the pipe away from the fitting to double check the pipe is secure.**

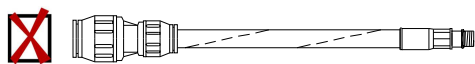


Correctly removing pipes from pushfit fittings:

- I. Ensure the water supply is turned off and pipes are drained.
- II. Turn the screwcaps on the push fit fittings into the unlocked position so that a gap is visible.
- III. Push the collet against the face of the fitting, whilst held in this position pull the pipe away from the fitting.
- IV. If reinserting the pipe cut a new clean end first before reinserting.



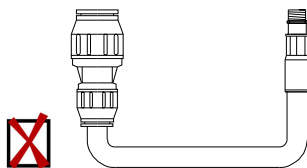
Correctly attaching coloured hoses:



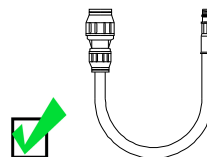
- The hose is twisted and stretched



- 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.

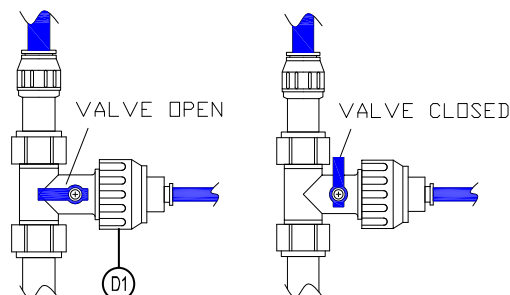
Important...

- The shorter the length of the coloured pipes the quicker your tap will Switch from alternate water supplies.
- Self adhesive cable ties and bases have been supplied to help temporarily keep the coloured pipes tidy (i.e. on the under side of a sink or similar) during installation.
- Keep the pipes and pushfit fittings 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 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 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 (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.

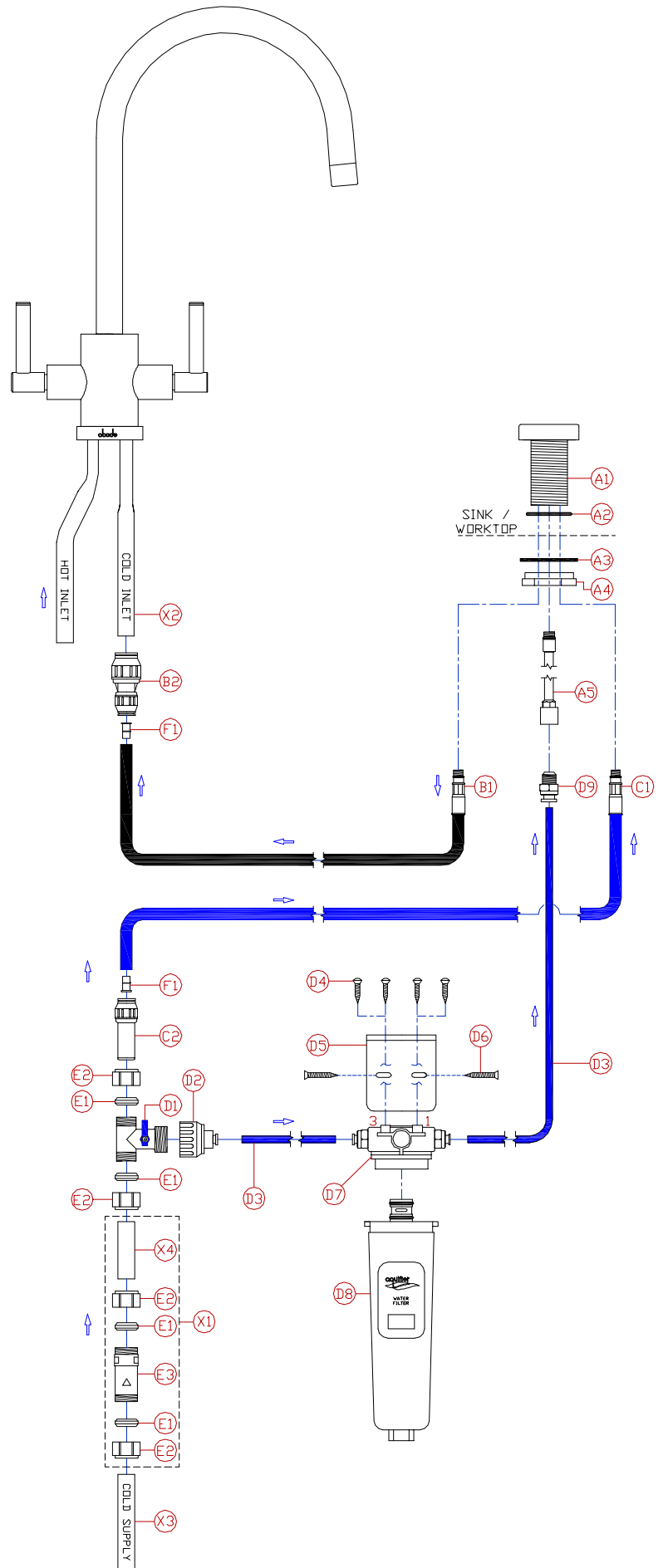
Position 'C' will select normal unfiltered cold water, position 'F' will select filtered cold water.

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

- 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	Swich body	1
A2	Upper seal	1
A3	Lower gasket	1
A4	Fixing nut	1
A5	Extension leg	1
B1	Black 10mm swich outlet pipe	1
B2	15mm x 10mm pushfit reducer	1
C1	Blue 10mm cold inlet pipe	1
C2	15mm x 10mm pushfit stem	1
D1	Three way valve	1
D2	Large pushfit adaptor	1
D3	1/4" blue pipe	1
D4	Filter head screws	4
D5	Fixing bracket	1
D6	Fixing bracket screws	2
D7	Filter head	1
D8	Filter cartridge	1
D9	Small pushfit adaptor	1
E1	15mm compression olive	4
E2	15mm compression nut	4
E3	Non return valve	1
F1	10mm pipe insert	2
X1	Optional non return valve section (see stage 5)	
X2	15mm tap inlet pipe	0
X3	15mm cold water supply pipe	0
X4	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