

ACT2091 – Dual Handle Filter Tap

5 Year warranty:

In the unlikely event that you should experience any defect in the materials or workmanship of your new 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. All working parts and valves are guaranteed for a period of FIVE years from purchase. Decorative surface finishes and O-rings are guaranteed for ONE year from purchase and filter cartridges for SIX months from the date of installation provided that our advice concerning care has been observed. This is provided that the mixer has been used for normal domestic purposes in the UK & Ireland and that the care, installation and maintenance instructions have been observed. The warranty extends to the original purchaser only. The Manufacturer shall not be liable for either servicing of the product or incidental loss due to the product. You should retain a copy of your dated invoice as proof of purchase to validate any claims under this guarantee.

Care Instructions for your Kitchen Sink Mixer:

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 will invalidate your warranty. If the tap has a diffuser it should be unscrewed and cleaned of dirt and scale periodically to maintain performance.

Abrasive cleaners, 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, bar keepers friend or Brasso.

Important Technical Data:

Min / Max Hot operating pressure: 0.2 / 5.5 bar*	Recommended / Maximum hot water temperature: 46 / 70°C*
Min / Max Cold operating pressure: 0.75 / 5.5 bar*	
Tap hole size and centres: Ø35mm	*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.
Flow characteristics: Dual flow	

This tap is either WRAS approved or manufactured in accordance with recognised European standards. Please ensure that your Kitchen mixer is fitted in accordance with Local Water Byelaws.

These installation guidelines have been prepared for your direction and you must exercise due care at all times. We do not accept responsibility for problems that may occur through improper installation. Whilst assembling the tap take care not to accidentally loosen any screwed assemblies.

Where the tap has a removable aerator on the spout exit it can be removed and cleaned periodically to maintain optimum flow performance.

Installation Preparation:

All parts should be removed from their packaging and inspected for completeness and transport damage prior to installation. 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 and invalidate the warranty.

We recommend installing isolation valves and particle (mesh) filters 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.

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

This mixertap requires a Ø35mm tap hole, 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. You should ensure that the product will both fit into the depth of the mounting surface available and reach the required outlet positions before installation.

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. The right hand lever pushes backwards for filtered water, so you should position the tap hole to allow this requirement, the maximum filtered water flow is achieved at around 45° backwards, adjusting the three-way tee lever (Q) can also help to increase the flow rate (if the lever can not be turned back fully in installations with limited space).

This tap can be used in conjunction with a water softening system and will remove the need for a separate drinking water tap. In this instance the three-way tee valve (Q) must cut into the unsoftened cold mains supply so the filtered drinking water is not pre-softened. Where this product is supplied with flexible inlet hoses you must follow the additional guidelines supplied for their correct installation.

Key:	Description:	Qty.
A	Tap body	1
B	Upper sink / worktop seal	1
C	White triangular stabilising plate (for stainless sinks only)	1
D	Rubber horseshoe	1
E	Metal horseshoe	1
F	Rigid hot water 15mm tail pipe	1
G	Hollow fixing stud	1
H	Rigid cold water 15mm tail pipe	1
I	Fixing nut	1
J	3/16" x 1/4" reducing pushfit	1
K	1/4" blue flexible pipe	1
L	3/16" x 1/4" reducing pushfit	2
M	Filter cartridge with 3/16" stems	1
N	Filter cartridge bracket	1
O	Self-tapping screws	2
P	3/4" BSP x 1/4" pushfit valve adaptor	1
Q	Isolator valve	1
R	Compression olive	2
S	Compression nut	2

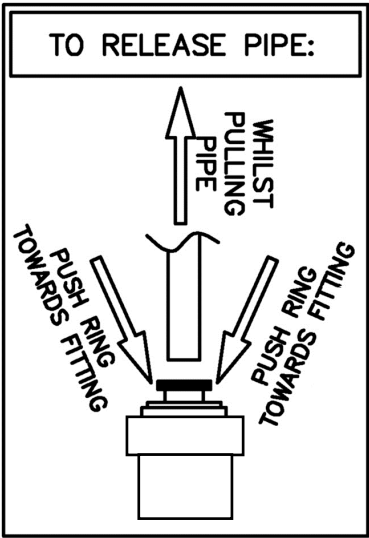


fig. 1

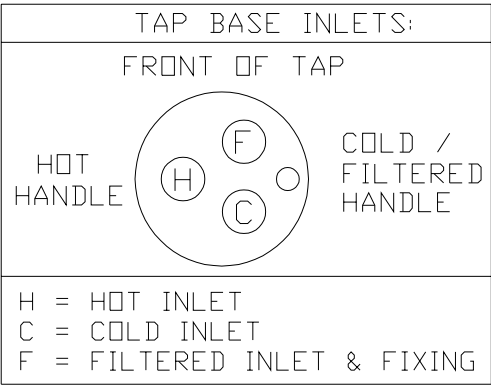
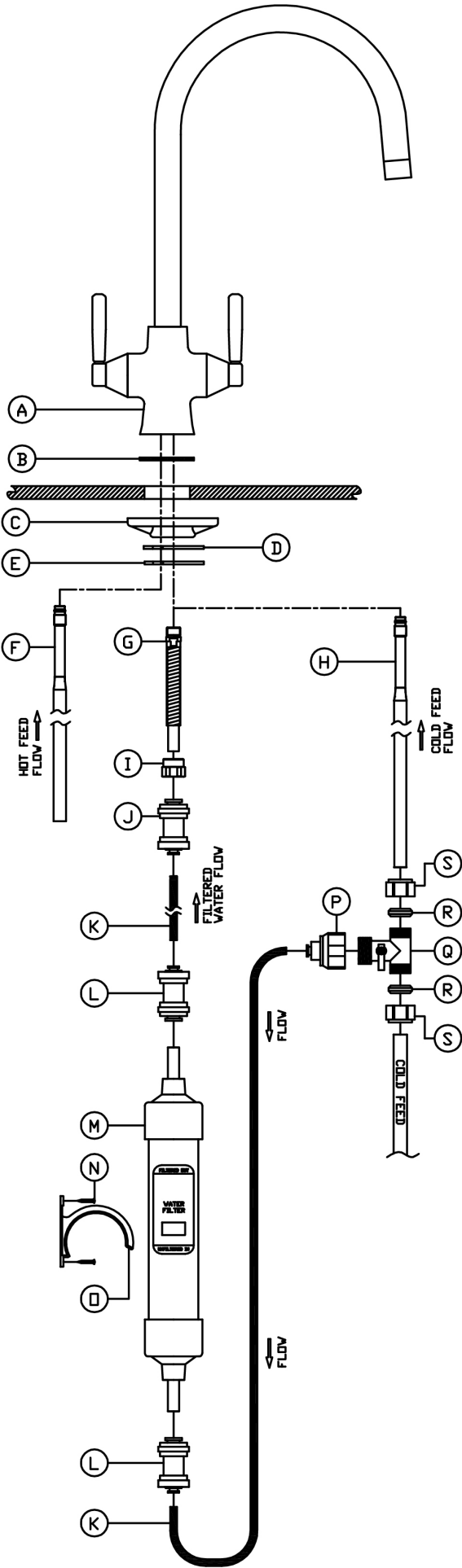


Fig 2.



Stage 1 – install the tap:

1. Screw the fixing stud (G) into inlet “F” the base of the tap (hand tight only, do not use tools to grip the fixing stud, you may prevent pushfit (J) sealing correctly).
2. Screw the hot and cold tail pipes (F & H) hand tight only into the base of the tap (A), see tap inlets diagram fig. 2.
3. Place the upper seal (B) on to the base of the tap (A).
4. Place the tap (A) centrally and straight to the tap hole, passing the hollow fixing stud (G) and tail pipes (F & H) through the sink.
5. Pass the rubber horseshoe (D) then the metal horseshoe (E) over the hollow fixing stud (G). Note: if the tap is to be fitted to a stainless steel sink then the white triangular plate (C) can be fitted where shown to improve the stability of the tap.
6. Using a spanner tighten fixing nut (I) onto the hollow fixing stud (G), a 17mm a/f box spanner or adjustable small basin wrench will help in tight spaces if one is available.
7. Attach the hot water tail pipe (F) to the water feed pipe using 15mm compression or end feed joints.
8. Connect the 3-way tee (Q) as shown to the cold water tail pipe (H), using compression nut (S) and olive (R).

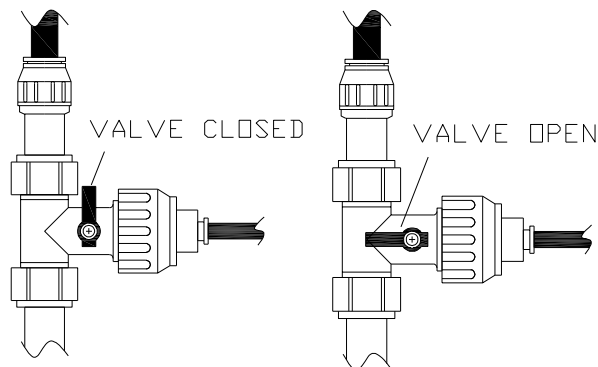
Stage 2 – install the filter:

1. Locate a convenient position to install the filter (M), remembering that it must be accessible when it is changed and installed vertically.
2. Using compression nut (S) and olive (R) connect the 3-way tee (Q) as shown to the cold water supply pipe, ensure the lever is accessible.
3. Screw the filter bracket (O) to the cupboard wall using screws (N), if attaching the bracket to an interior wall use rawl plugs also.
4. Remove the dust caps from the ends of the filter (M) and write the installation date onto its label. Firmly push the pushfit connectors (L) onto each end of the filter.
5. Clip the filter (M) into its bracket (O) noting the direction of flow through it. The filter (M) should be mounted vertically.
6. Push the wide end of the 3/8" x 1/4" pushfit connector (J) firmly and fully onto the smooth section of hollow fixing stud (G).
7. Cut the blue flexible pipe (K) so it is slightly longer than the required lengths to and from the filter unit. When cutting the pipe use a sharp Stanley knife, ensuring that the pipe is cut cleanly and square at all ends.
8. Firmly push the blue pipe (K) into the pushfit connector (J) and push fit connector (L) in the filter output.
10. Firmly push the blue pipe (K) into filter input pushfit connector (L) and the valve pushfit adaptor (P).

Stage 3 – setting up the filtered water flow rate:

Turn your filter tap on fully so filtered water runs through it. Note: when the filter is new it will take a moment to push any air through the system, so water may not appear instantly. You may notice some black discoloration in the water at this point, this is normal loose carbon and will pass with further flushing. We suggest flushing apx. 20 litres through the filter when new.

The filtered drinking water system performs at a maximum of 2-3 L / min depending upon the quality of your water. Turn the blue lever on the three way valve (Q) to adjust the flow of filtered water to the appropriate flow rate, this can be checked using a kitchen measuring jug for example 1 litre should take 20-30 seconds.



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. Check the function of flow and function of hot, cold, filtered and mixed 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. The installation should be periodically checked for damage, if the property is left unattended for a prolonged period we recommend isolating water supplies.

Using the tap:

Push the right side handle backwards for filtered water, forwards for unfiltered water. For best results when using the filtered water always run the tap for a few moments to flush away any standing water. The longer the filter has been unused the longer the system will need to be flushed. Running the filtered tap will also make the water cooler for drinking.

When comparing the taste of filtered and unfiltered water always taste the filtered water first. The dual stage filter is designed to improve the taste, clarity and odour of drinking water, it will not affect the water hardness (limescale) qualities.

Depending upon the quality of the incoming water source the blue lever on isolation valve (Q) should be adjusted. The worse the quality of the incoming water the slower the flow rate of filtered water should be set in comparison with the suggested optimum rate.

Each filter cartridge has a maximum 6 month lifespan. Complete and return the included registration card if you wish to take advantage of our free postal reminder card service.

**FOR SPARES, REPLACEMENT FILTERS & TECHNICAL SUPPORT CALL 01226 28 34 34 OR ORDER ONLINE AT:
www.filter-taps.co.uk**