

5 Year warranty Terms and Conditions:

In the unlikely event that you should experience any defect in the materials or workmanship of your new Rangemaster 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 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 has been used for normal domestic purposes in the UK or Eire 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 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 Aga Rangemaster Limited has the authority to modify the obligations or limitations of this warranty.

Note: Please see 'Boiler installation guide' for warranty details on boiler.

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.

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, bar keepers friend or Brasso.

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

Important Technical Data:

Min / Max Hot operating pressure: 0.5 / 5.5 bar* Min / Max Cold operating pressure: 1.0 / 5.5 bar*	Recommended / Maximum hot water temperature: 46 / 70°C*
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 (80-98° water through dedicated centre channel)	

This product 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. Where hot and cold water mix within the mixertap (single flow), then suitable non-return (check) valves should be installed to the hot and cold supplies to prevent backflow (can be factory fitted – see parts list).

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. Always use the tail pipes provided. The differential between the hot and cold water supply temperatures should be sufficient to allow correct mixing function.

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 factory fixed assemblies.

This tap has been 100% assembly tested; therefore you may expect a small residual amount of water to remain in the tap when delivered. Any water marks can be removed using the above care advice.

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 isolator valve tee must cut into the unsoftened cold mains supply.

Installation Instructions:

Preparation



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 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 parts should be removed from their packaging and inspected for any transport damage and all parts are present prior to installation.

Shut off your water heating system and ensure that your mains stopcock is closed. Open the lowest hot and cold taps in the house and allow the water to run until the cold-water storage tank and pipes are fully empty. Please note, the hot water storage cylinder (if applicable) will always remain full.

This mixertap requires a 35mmØ 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.

There is a requirement for a gap of between the rear of the tap and the back wall/splash in order for the cold handle to open backwards by 90° and allow access to store the key fob. Ideally from the centre of the tap hole to the rear wall (depending upon your chosen tap design) this size should be 65-90mm, if sufficient space at the rear is not available note that filtered water achieves approximately half the maximum flow at 45° and the three way isolator valve tee can be adjusted to increase the flow of filtered water without the cold / filtered handle rotating the maximum of 90°

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. This tap is designed to be installed in a worktop with a maximum thickness of 40mm.

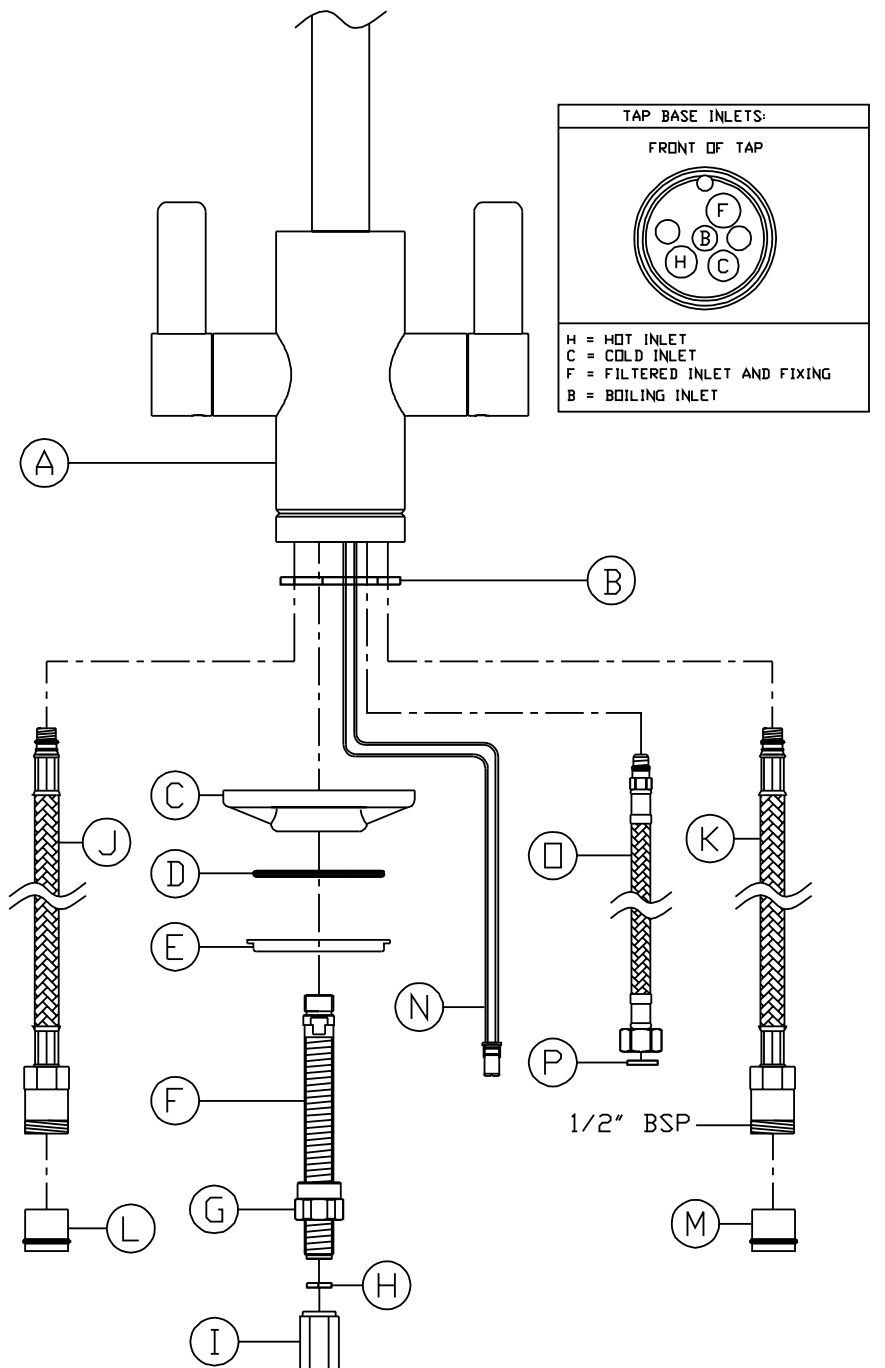
Installation

1. Screw the hollow fixing stud (F) into the base on the tap using a spanner or 6mm allen key. Note: the drawing identifies water inlets.
2. Screw the hot and cold flexi tails (J & K) into the base of the tap (A). Hand tighten fully only.
3. Screw boiler flexi tail (O) into base of tap (A). Hand tighten fully only.
4. Place the upper seal (B) on to the base of the tap (A).
5. Place the tap (A) centrally and straight to the tap hole, passing the hollow fixing stud (F), tail pipes (J, K & O), and boiler data connection (N) through the sink.

Note: Take special care not to pull or trap data connection (N).

6. Pass the lower gasket (D) then the metal horseshoe (E) over the hollow fixing stud (F). 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.
7. Using a spanner tighten fixing nut (G) onto the hollow fixing stud (F), a box spanner or small basin wrench will help if one is available.
8. Place fibre washer (I) into adaptor (H), tighten the adaptor (H) with its flats nearest to the tap onto the hollow fixing stud (F).
9. Leave keys (Q) in their bubble bags and safe for the customer to find after testing the boiler installation.
10. Please refer to your 'boiler installation guide' for the next steps for installation.

Key	Description	Qty
A	Mixer tap	1
B	Upper seal	1
C	White triangular plate (for steel sinks only)	1
D	Lower gasket	1
E	Metal horseshoe	1
F	Hollow fixing stud	1
G	Fixing nut	1
H	10mm Fibre seal	1
I (X1)	Filtered water adaptor nut	1
J (X2)	Hot flexi tail	1
K (X3)	Cold flexi tail	1
L	NRV (hot) (pre-installed)	1
M	NRV (cold) (pre-installed)	1
N (X4)	Boiler data connection	1
O (X5)	Boiler flexi tail	1
P	14mm Fibre seal	1
Q	Hot water Key fobs (not shown)	2



After installation

Once you have visually checked the new fittings and connections, ensure that all taps are closed except the new mixer tap which should be left open. Turn on the water supply at the mains stop cock. As the system starts to refill, check carefully for leaks. Once you are fully satisfied that there are no leaks, turn on the water heating. Clean the tap to remove any marks created during installation as instructed.

**PLEASE LEAVE THESE INSTRUCTIONS FOR YOUR CUSTOMER.
FOR REPLACEMENT PARTS & TECHNICAL ADVISE CALL 0800 8046261**