

ONLINE WATER FILTERS

INSTALLATION INSTRUCTIONS FOR WK200/300/400 WATER FILTER KITS

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6. Small adaptor for tap
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IMPORTANT NOTES

You should read these instructions fully before starting work. This unit must be installed in compliance with local regulations. The unit must not be installed in any position where it could freeze.

INSTALLATION

The installation can be broken down into 4 stages
Installation of saddle valve
Installation of tap
Mounting of filter unit
Connection of tubing and commissioning

TOOLS REQUIRED

Screwdriver
Adjustable Spanner
Stanley Knife
Drill (with 1/8" & 1/2" drill bit)
Pencil

INSTALLING SADDLE VALVE (3)

(refer to figure 1)

It is a wise precaution to turn off the mains water at this point. Locate the pipe supplying the cold water to your kitchen sink. This should be 15mm copper, in the unlikely event this it is not contact us for advice since this valve is unsuitable for any other type of pipe. (If you have a water softener installed you must connect the saddle valve to the hard water inlet side, not the softened side).

Determine the direction of the outlet of the saddle valve by screwing the chrome locknut hand tight against the shoulder of valve and then screwing valve into saddle until locknut contacts saddle (refer to figure 1 to identify components). You can now decide which way round kit is to be fitted to pipe for the best outlet position. (after water connection is made valve can be unscrewed a maximum of half a turn for final positioning). Remove valve and backplate from saddle. Screw backplate to wall using packing piece if necessary to ensure pipe sits neatly in groove in backplate.

Screw saddle to back plate. Ensure rubber seal is located correctly in the body of the saddle and that the two ribs on the side of the saddle and backplate line up.

Screw valve into saddle by hand until locknut contacts saddle. Water connection is now made. N.B. Do not attempt to over tighten, hand tight is quite sufficient.

For final positioning of valve unscrew no more than 1/2 a turn.

Tighten locknut against saddle a maximum of hand tight plus 1/4 of a turn.

Check that valve is closed and turn water supply back on. Screw large tap adaptor (7) onto valve outlet, hand tight plus 1/2 of a turn.

GENERAL PRECAUTIONS

Install on cold water lines only

Maximum pressure 125 p.s.i – minimum pressure 25 p.s.i.

Maximum temperature 100 deg F.

WARNING THIS FILTER MUST BE PROTECTED FROM FREEZING. FAILURE TO DO SO MAY RESULT IN CRACKING OF THE FILTER AND WATER LEAKAGE.



INSTALLING TAP (5) (refer to figure 2)

Select the spot for the tap to be fitted on the sink and using the chrome escutcheon plate as a guide mark the spot to be drilled with a pencil. Before drilling it is very important to make sure that the area underneath this spot is accessible and flat for the nut, stiffener and spring washer to seat on.

Drill a pilot hole with the 1/8" drill bit then follow through with the 1/2" bit. (Never attempt to drill a vitreous china sink, locate the tap in the worktop instead). If you are drilling a porcelain enamelled sink place a piece of tape over the spot to be drilled to prevent chipping.

Install tap. Place the small rubber washer followed by the chrome escutcheon plate then the large rubber washer onto the threaded tail of the tap. Insert through hole in sink or worktop and then place the stiffener and spring washer on to the threaded tail, screw nut on and tighten using a 7/16" or adjustable wrench until it is tight and tap does not rotate.

Finally screw the small adaptor (6) on to the tail of the tap a maximum of hand tight plus 1/2 of a turn. The handle may be turned to a preferred direction by removing the cap and screw and removing the handle and refitting as required.

MOUNTING THE FILTER UNIT

Select a place to mount the filter unit bearing in mind the following considerations. You need at least 1 1/2" underneath the unit to allow cartridge changes. **NOTE DIRECTION OF FLOW the inlet connection is on the left of the unit.** It must not be installed in direct sunlight or where freezing may occur. Ensure unit is mounted vertically and allow enough space at either end for the tubes to be connected without kinking. If the selected location is some distance from the tap and/or saddle valve you may need some extra tubing. Mount the unit by offering it into the selected location and marking the position for the screws with a pencil. Fix screws (if fixing to a wall you will need wall plugs), slip unit over screws and tighten.

CONNECTING TUBING

(This system uses speed-fit fittings throughout - refer to figure 3)

Insert the tubing into the adaptor (7) on the saddle valve then measure and cut enough to reach the inlet connection of the filter unit (check you have direction of flow correct).

Repeat procedure from the outlet of the filter unit to the small adaptor on the tap.

Observe the following precautions: -

Great care must be taken not to kink, flatten or squash the tube as this may cause stress to the wall of the tube, which can subsequently fail after a period of time.

When cutting the tube use a very sharp knife (e.g. a Stanley knife) to ensure the ends are cut square without flattening the tube.

Be careful not to scratch the tube when passing through holes etc as this can cause a leak in the pushfit fittings.

Do not allow the tubing to lay against hot pipes or sharp edges or be exposed to direct sunlight or freezing.

Allow a slight sag in the tubes to prevent any strain on the tube or fittings.

COMMISSIONING

Make sure all fittings are tight, check cartridge is tight onto the filter head - hand tight is sufficient. Open the saddle valve to allow water to the unit while watching for leaks. The water coming from the tap will be discoloured initially as all the air and carbon fines are discharged from the system. Allow the unit to run continuously for at least one minute then shut tap.

Check for leaks.

REMINDER SERVICE

Having successfully installed your new filter system, the last thing to do is contact us to ensure we have your details so that we can send you a cartridge change reminder at the relevant time. Please see our contact details on the back of these instructions.

FIGURE 2

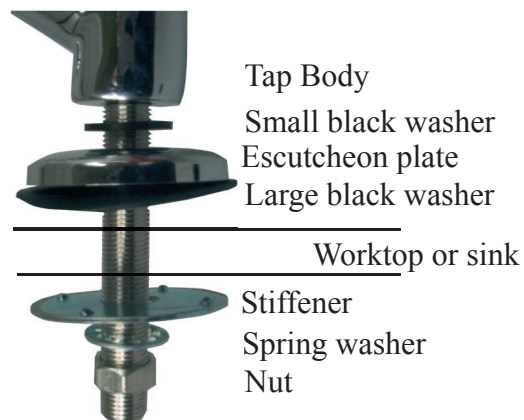
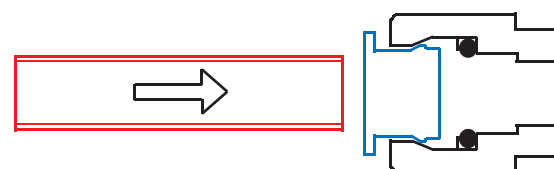
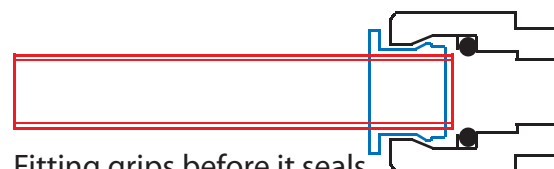


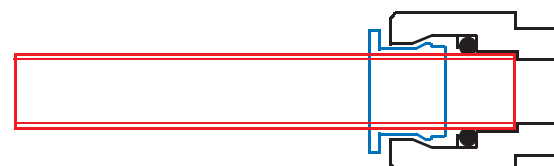
FIGURE 3



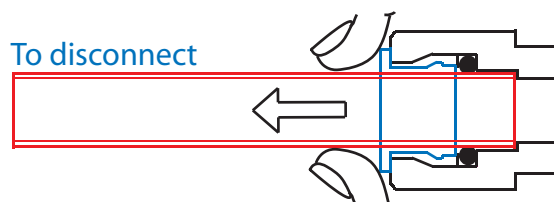
Cut tube square and push in to the stop



Fitting grips before it seals.
Ensure tube is pushed in to stop



Tube is in the secured position



Push collet against body and slide tube out of fitting

Push collet against body and slide tube out of fitting

OPERATING AND SERVICING

How to use the tap:-

Rotate handle to give desired flow rate.

Prolonged periods of non use:-

If the system has not been used for several days or weeks (such as during a holiday period), it is recommended that the unit be flushed thoroughly. To do this flip the black handle up and let the water run for 5-6 minutes.

Changing Cartridges:-

The cartridges in this system should be changed every 6 months or sooner if the flow rate drops considerably or when tastes or odours are noticed. Failure to do this will cause deterioration in performance and possible contamination of the unit. See instructions for changing cartridges below.

REMEMBER IF YOU HAVE ANY QUERIES OR WHEN YOU REQUIRE CARTRIDGES, PLEASE CONTACT US. WE ARE THE SPECIALISTS AND WILL BE ONLY TOO PLEASED TO HELP.

Options available from Aquamatic include: -

Coloured taps

Long reach taps

Extra tubing

Filter system upgrades

TROUBLE SHOOTING

Dripping tap:-

Unscrew spout from tap (anti clockwise) and remove. Slide the lever off and turn brass barrel nut a half turn anti clockwise. Replace lever and spout. Check for leaks.

Leaks from pushfit fittings:-

Tube is scratched or damaged. Depressurise system (close saddle valve and open tap on sink or worktop) & disconnect tube (see figure 3). Cut back to a clean piece of tube and reconnect.

Low water flow:-

Ensure saddle valve and mains water tap are fully open.

Check flow at tap. Around 2 litres per minute is ideal. Check pre filter to be sure it is not clogged. Replace if necessary.

Disconnect tube from filter inlet and check flow from saddle valve. If flow rate is less than 1litre per minute call us for support.

Unpleasant tastes and odours:-

Cartridges may have been fouled by dirty incoming water. Change cartridge - see cartridge changing instructions.

Reappearance of scale or film on tea on WK400 model:-

Cartridge is depleted. Change cartridge, this model may need earlier changes depending an local water hardness and usage.

CARTRIDGE CHANGING INSTRUCTIONS

The cartridges in this system should be changed every 6 months or sooner if the flow rate drops considerably or when tastes or odours are noticed. WK400 system may need earlier changes depending an local water hardness and usage.

To change cartridge, proceed as follows:-

1. Shut off supply by closing the saddle valve.
2. Open the tap on the sink or worktop to relieve the pressure and confirm that the water is off.
3. Screw out old cartridge and screw new one in place, handtight is sufficient.
4. Open the saddle valve to allow water to the unit while watching for leaks. The water coming from the tap will be discoloured initially as all the air and carbon fines are discharged from the system. Allow the unit to run continuously for at least one minute then shut tap.
5. Check for leaks.

ONLINE WATER FILTERS

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