

The FOUNTAIN FILTERS “**Tap Water Filter Pearl**”, “**Pearl Nano**” & “**Salt Free Softener Pearl**”
for Mains Pressure Chlorinated Water Supplies

Suggested installation format: (NOTE flow direction on the parts)



INSTALLATION

Check that you have all the parts:

- 1 off housing comprising cap and bowl with
- 2 off ½" BSP nipples installed.
- 1 off ½" BSP nipple – loose (not Pearl nano)
- 1 off mounting bracket with 4 off cap screws (already fitted)
- 1 off bowl wrench (**keep in a safe place**)
- 1 off NanoCeram PAC, NanoCeram, or OneFlow filter cartridge
- 2 off flexible hoses (flexis) with ½" connectors (not Pearl nano)

CAUTION

This system is designed to be installed to the cold-water pipe to a kitchen tap.

For any queries, however slight, contact us.

In addition, 4 off screws suitable for the bracket mounting location are required.

If hard plumbing is preferred, on one or both sides of the filter, female adaptors 1/2" BSP Female to 15mm pipe is/are required.

VITAL: THE 1/2" BSP NIPPLE MUST NOT MOVE during the assembly and tightening of other plumbing parts, or the thread seal will break. Hold the nipple in place with a spanner.

Notes for the installer:

Remove all Packaging. If you have the Pearl nano Ceramic Water Filter disregard the references to flexis.

Turn off the water supply and drain at the cold-water tap – leave the tap in the open position.

The system should be mounted using the bracket – pipework may not bear the weight.

Ensure that the bracket mounting location is strong enough for the total weight WHEN THE FILTER HOUSING IS FULL OF WATER.

1. Find the cold tap tail and disconnect it by unscrewing the connector. This should be ½" BSP, if it's ⅜" or something else you may need an adaptor.
2. Screw one of the supplied flexible hoses onto the tap tail, and the other onto the connection you've just removed.

3. Screw the flexible hose connected to the tap tail onto the **OUT** side of the filter housing cap using a spanner – not too tight.
Use the supplied loose ½" brass connector where required to adapt from male to female connection.
4. Screw the other flexible hose onto the **IN** side of the filter housing cap using a spanner – not too tight.
5. Ensure the clear housing bowl is screwed on hand tight – do not overtighten.
6. Leaving the cold tap open turn the water supply back on slowly.
7. Once the water has filled the filter housing and is running out of the tap normally slowly turn off the cold tap.

Allow sufficient clearance to undo the bowl

After plumbing in if there is any seepage from the filter housing between the white cap and the clear bowl, use the bowl wrench to tighten the bowl up to the cap - standard thread - turn the bowl left to right a little bit at a time until the seepage stops.

Cartridge Changes:

1. Switch off the water flow to the filter.
2. Open the cold water tap fully and wait until the water stops flowing.
During cartridge replacement, some water splash is inevitable.
Please take appropriate precautions with bowls and cloths to hand.
3. Undo the bowl from the cap - standard thread - turn the bowl clockwise to the cap (right to left).
You will need to start the removal process with the bowl wrench, once loose continue by hand.
4. Empty the bowl of water and old cartridge. You can clean the inside of the bowl with a cloth and a tasteless and odourless detergent - do not use any abrasive materials.
Do not clean the 'O' ring around the bowl (if you cannot see it around the bowl you need to remove from the inside of the cap and replace it in the groove of the bowl).
5. Wearing gloves, unwrap the new cartridge and place centrally in the bowl.
6. Apply silicone grease (or white petroleum jelly).
 - a. Sparingly to the 'O' ring/washer at the top of the new cartridge.
 - b. Sparingly to the 'O' ring of the bowl.
 - c. A small dab between the first and second threads of the bowl from the top of the bowl. The threads will spread the grease as you tighten up.
7. Offer up and then rotate the bowl, by hand, clockwise up to the cap.
BEWARE of cross threading. If cross threaded the bowl will jam in less than 1 rotation after the threads have engaged. Undo and start again.
8. Finish off re-assembly with the bowl wrench but do not overtighten. Any final tightening that may be needed is done during the instructions below.
9. Open the isolation valve partially to start water flowing slowly. This will allow water to fill the filter and your pipework slowly to minimise possible air blocks.
10. The tap will start to spit - check for seepage between the white cap and clear bowl.
If there is any seepage from the filter housing between the white cap and the clear bowl, use the bowl wrench to tighten the bowl up to the cap - standard thread - turn the bowl anti-clockwise (left to right) a little bit at a time until the seepage stops.
11. After the tap has stopped spitting, close the tap.
12. You will hear water filling up your pipework. When silent, fully open the isolation valve slowly to avoid any pressure shock to your pipework and appliances.
13. Check again for seepage between the cap and bowl
If there is any seepage from the filter housing between the black cap and the blue bowl, use the bowl wrench to tighten the bowl up to the cap - standard thread - turn the bowl until the seepage stops: Tighten just a little bit more, say 1 to 2mm of movement.

The first few litres of water may be discoloured. This is normal. Run the water until clear.

The filtered water may have a white or creamy appearance at first. This is only air bubbles which will go with use.

THESE INSTRUCTIONS AND THE BOWL WRENCH MUST BE KEPT SAFE FOR FUTURE USE.