

# Installation instructions for:

## PEARL SERIES WATER FILTERS

Sequence of water flow

1 <sup>st</sup>	From Saddle/15mm Valve on Mains Cold Water Supply or pipe to cold tap to
2 <sup>nd</sup>	Inline filter installed to
3 <sup>rd</sup>	Filtered Water Tap

**We recommend that you familiarise with these instructions and the hardware before proceeding**

Your cartridge type has been logged in our records for your convenience.

Q. Do we have to change our water filter cartridges every 6 months?

A. No but we remind you every 6 months so that you can have a spare immediately to hand for when your cartridge(s) is/are depleted. Cartridge depletion is sudden and you will notice.

Cartridges for Fountain Filters Models are long lived (see cartridge life explained at the web site or phone) and most people get far more than 6 months life out of them.

We strongly advise changing cartridges every 12 months or you risk contaminant breakthrough

**Please keep these instructions somewhere safe for reference**

### Installation

Familiarise with these instructions and the components before commencing.

Identify your ideal locations for the saddle valve, inline filter and Tap

Pre-determine **generous** lengths of free tubing before cutting.

Tube ends must be square after cutting.

Push fit connectors – ensure tight connections by a slight pull.

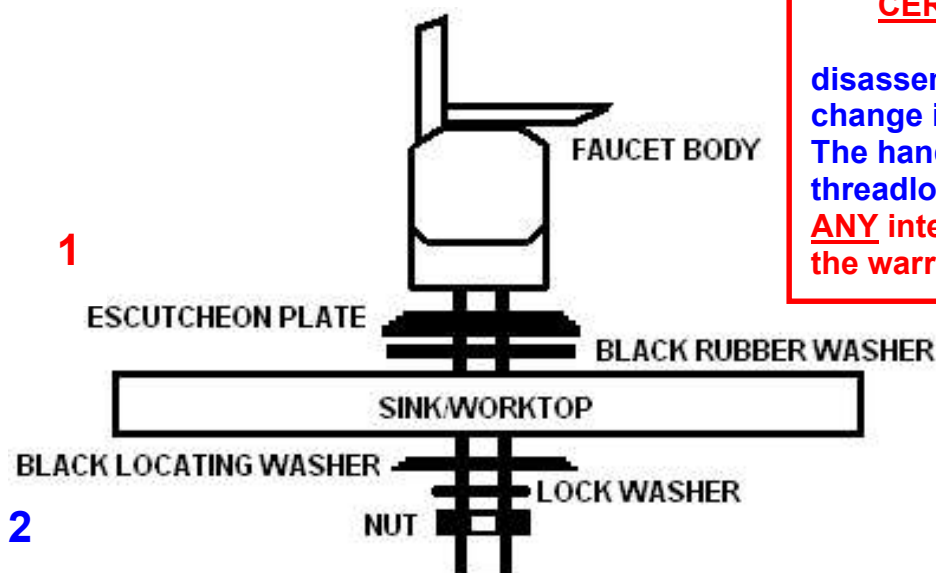
To disconnect a tube, simply press the collet inwards and withdraw tube.

## INSTALLING THE FAUCET (Tap)

Please check your faucet package; if it has installation instructions or they are attached here please use them and then return to "INSTALLING THE SADDLE/SELF-PIERCING VALVE" after this section.

For standard supply filter Taps, these are typical instructions - some models vary slightly:

- 1) Determine the desired location for your faucet on your sink surface or worktop
- 2) Place a piece of masking tape or duct tape on the determined location where hole is to be drilled.
- 3) Use a variable speed drill at slow speed with a 1/8" (3 mm) drill and drill a centering hole in the center of the desired faucet location. Use lubricating oil to keep the drill bit cool while drilling.
- 4) Enlarge the hole using a 1/4" (6.4 mm) drill bit. Use factory approved method or approved plumbing practice to drill a hole in a sink top.
- 5) Enlarge the hole to 1/2" (12 mm) diameter. Keep bit well oiled and drill slowly.
- 6) Pass the small rubber washers, the chrome base plate and the large rubber washer in that order over the threaded mounting tube at the base of the faucet.
- 7) From under the sink, install the large metal (or plastic) washer and the star washer over the threaded stem. Screw on the nut and tighten firmly. When you rotate the faucet at the sink/work top, the body should not move – if it does, re-tighten

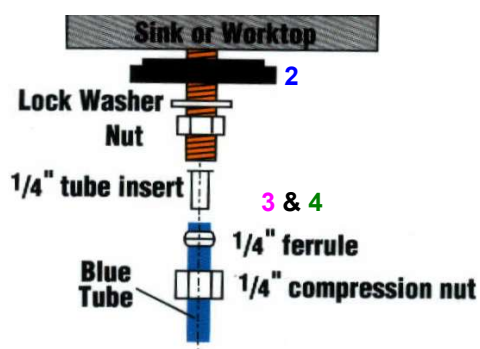


**CERAMIC VALVED TAPS**  
**DO NOT**  
disassemble the handle to  
change it's orientation.  
The handle is secured with  
threadlock.  
**ANY interference will invalidate**  
**the warranty.**

1. Escutcheon and it's black washer - optional
2. Black locating washer - Optional, for oversize holes. Not supplied with some models.

8) The spout is 360° swivel.

## CONNECTING THE FAUCET – BLUE TUBE



### VARIATIONS (if applicable):

2. Black locating washer - Optional, for oversize holes. Not supplied with some models
3. For push-fit tap/tube connectors - DO NOT use the insert, ferrule (olive) & nut
4. For Tube Attached models - the insert, ferrule (olive) & compression nut not required

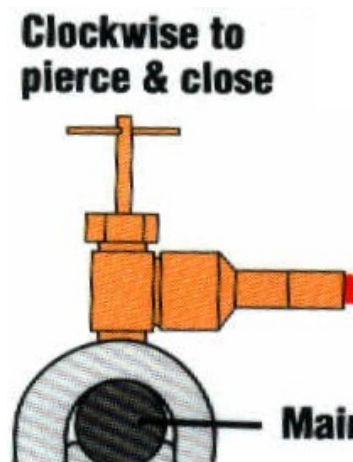
1. Slide the blue tube through the nut and **NYLON** ferrule (olive).
2. Insert the tube insert (where supplied with tap).
3. Push the tube into the threaded tap stem as far as it will go.
4. Slide the nut (and ferrule) up to the threaded stem.
5. Tighten nut – finger tight + a turn but do not over tighten.

## INSTALLING THE SADDLE/SELF-PIERCING VALVE – **RED TUBE**

**Caution: The water supply to your unit MUST be from the Cold supply**

**Turning off the house cold water supply and back draining by opening the kitchen sink tap is STRONGLY RECOMMENDED.**

1. Identify where you intend to put the valve. You will need a straight section with enough length to accommodate the valve. Make sure that you will have enough room for the bottom lock bolt and the top handle of the valve – in the loose positions.
2. Undo the locking bolt and make sure that the top valve is turned fully anti-clockwise (open).
3. Without the shaped aluminium spacer, place the valve onto the pipe in your desired orientation.
4. Slide the shaped aluminium spacer into the valve assembly and against the pipe.  
The spacer allows for unto 15mm pipes on one side and smaller pipes on the other side – select the correct side for your pipe size.
5. Holding the assembly in position, tighten the locking bolt.  
Firm finger pressure + ½ a turn is usually sufficient. Do not deform the pipe.
6. Turn the handle of the self-piercing valve clockwise as far as it will go (just over 6 turns).  
The valve is now in the closed position – for now, leave it closed.



**The valve cannot be removed once it has been fitted.**

**OR**

## INSTALLING THE 15MM COMPRESSION VALVE FITTING – **RED TUBE**

1. Turn off the house cold water supply at the stop cock.
2. Identify where you intend to put the valve. You will need a straight section with enough length to accommodate the valve.
3. Using a pipe/tube cutter (available from hardware stores for no more than £5) remove an 18mm section of the copper water pipe.
4. Insert the valve into the space left in the copper pipe. When the valve is on, tighten the nuts , compressing the olives (small brass rings) into the seat of the valve.
5. The red plastic tubing can now be inserted into the grey push-fit adaptor; leave the valve shut.

If you have ordered a separate shut-off valve as well. please use the instructions stapled to these instructions before proceeding further.

## FITTING THE INLINE FILTER

The inline filter is a single unit; it shows the direction of water flow once fitted and operational.

If there is any water seepage, **Tighten the offending part deliberately but gently a little bit at a time**. Over tightening will cause damage.

Using push-fit connectors: Gently insert tube end in to the connector until a little resistance is felt; then push firmly and the tube will slide in about another 10mm.

To remove a tube, press the collet in and tug the tube.

1. Place or affix the filter assembly to your desired location.
2. Connect the **red tube** from the saddle valve to the "IN" **connector** – push fit.  
(If fitted with an auto shut-off water meter, this is the bottom connector on the meter).
3. Connect the **blue tube** from the tap to the "OUT" **connector** – push fit.

## INSTALLATION REVIEW

1. Review these instructions and satisfy yourself that your installation conforms.
2. Review the installation sketch and compare with your installation.
3. Double check each and every tube connection that you have made – a gentle tug is sufficient and then push back in – just to be sure.

## SYSTEM START-UP

During this entire procedure, be alert to any leaks.

1. Turn on the house cold water supply - SLOWLY.

### CHECK FOR LEAKS

2. Open the Filter tap to the continuous flow position.
3. Open the incoming valve by turning the handle anti-clockwise.

### CHECK FOR LEAKS

4. The first few litres of water may be discoloured. This is normal.

When the water is running clear, shut the tap.

**A milky appearance is just air from the system. The water has been filtered and is safe to drink.**

**The air may take a few days to disappear while the cartridge absorbs the water completely.**

### CHECK FOR LEAKS

**! SYSTEM READY !**

Notes:

- a. Please check for leaks, daily, for the first week and periodically thereafter
- b. If you move home, you can take the filter and tap with you – BUT NOT THE SADDLE VALVE which will need to be left in place and in the closed, screwed down position.
- c. Leaving the tap is your decision. Competitively priced replacements are available ex-stock. We stock extra lengths of tubing and connectors if you find you need them.

**d. For efficient chemicals adsorption, the flow rate from the tap must not exceed 4 litres/minute. Please check and adjust at the saddle/15mm valve as necessary.**

