



*Stefani*



# Single Undersink Water Filtration System

Enjoy the taste, convenience and health benefits of filtering your own drinking water, for fraction of cost of bottled water.

Two stage system for greater filtration capacity and extended cartridge life.

## **Congratulations on purchasing the Stefani Single Undersink Water Filtration System. Please read carefully the installation and operation manual before installing the unit.**

**IMPORTANT:** Installation must comply with existing State and Local Plumbing codes. Plumbing Codes require the installation of this filter system to be carried out by a Licensed Plumber.

The pressure limiting valve must be installed to ensure the correct operation of the unit and compliance to the warranty. For your convenience, a pressure limiting valve is included in the box.

Please note our warranty requires proof of installation by a Licensed Plumber including confirmation of water pressure testings and results.

To maintain optimum water quality you will need to replace the filter at least every 6 months. If the water filter slows down before your six months reminder you should replace the filter earlier.

**CAUTION:** The Single Undersink water filtration system should only be used on water that is microbiologically safe- that is, water that has been adequately chlorinated or disinfected. Additional sterilising equipment will be required for unsafe water.

The Stefani Single Undersink water filtration system is designed to operate at a maximum pressure of 862kPa (125psi); minimum pressure of 69kPa (10 psi) and at a maximum temperature of 40 degree Celsius. Stefani warrants this filter to be free from defects in material and workmanship for a period of two years\* from the date of purchase (\* Warranty period excludes filter cartridges which are consumable items). O Rings must be replaced every six months from the date of installation.

If the unit is to be left unused for more than 2 days, the water supply valve must be turned off. To ensure efficient performance, the filter cartridge must be replaced every 6 months. Do not overtighten fitting or use too much tape as this may cause head to split.

If the undersink water filtration system has not been used for 2 or more days, you will need to flush 5 to 10 litres of water through the system before using the water.

Slower flow rate gives longer contact times for better contaminant reduction.

To maintain a high level of performance and protection provided by the Stefani water filtration system, and terms of warranty use only Genuine Stefani replacement filter cartridges.

**HELPFUL HINT:** The life and performance of filter cartridges may vary, depending on volume and quality of water being filtered. An indication, that your filter cartridges may need replacing is the reduced volume or flow from filter faucet, or the return of offensive taste and/or odour to filtered water. We recommend you continue to check for leaks for a day after installation.

**INSTALLATION NOTE:** A water filter system/tap, like any product, has a limited life and may eventually fail. Also sometimes failure happens early due to unforeseen circumstances. To avoid possible property damage, this product must be regularly examined for leakage and/or deterioration and replaced when necessary. A drain pan, plumbed to an appropriate drain or outfitted with a leak detector, should be used in those applications where any leakage could cause property damage, and/or the water supply should be turned off if no one is home/present.

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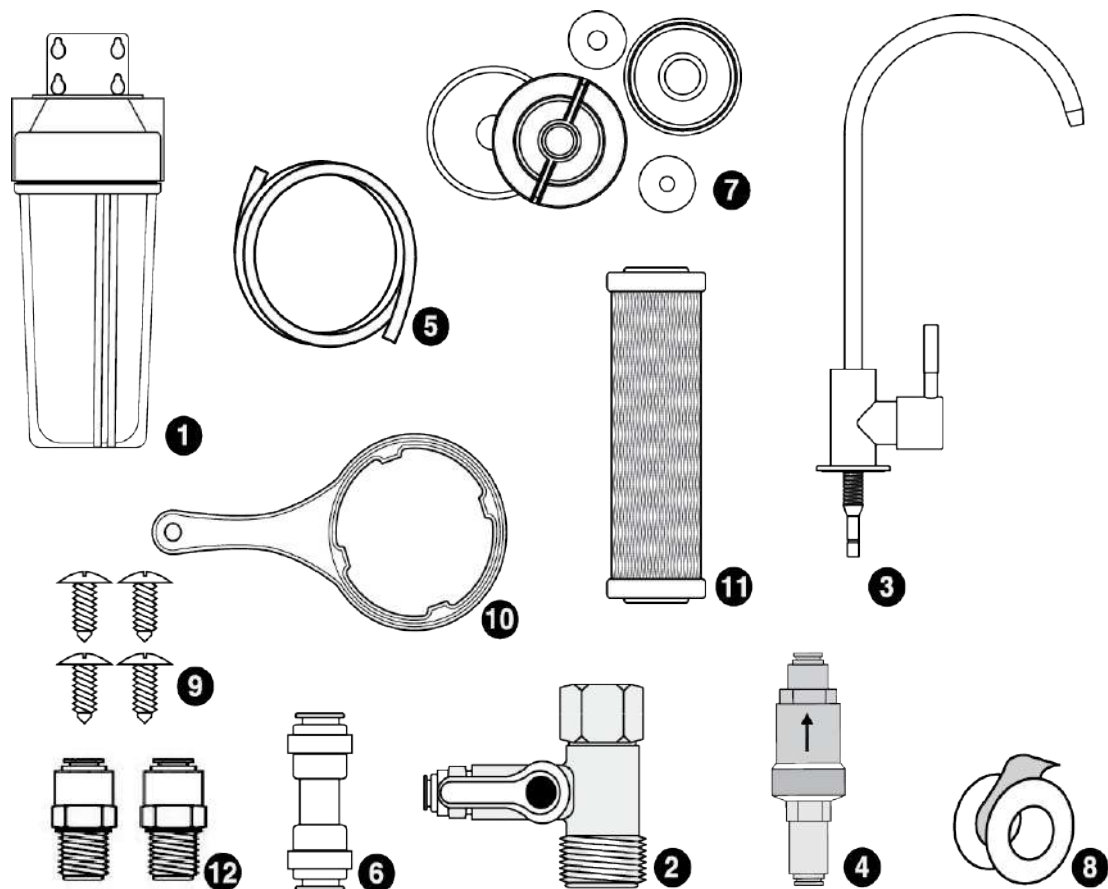
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# LIST OF PARTS

Stefani Single Undersink Water Filtration System component identification & content check list:

| Ref | Description                                                                                          | QTY |
|-----|------------------------------------------------------------------------------------------------------|-----|
| 1   | Filter Housing, bracket & manifold                                                                   | 1   |
| 2   | Mains connections shut off valve                                                                     | 1   |
| 3   | Deluxe Chrome drinking faucet                                                                        | 1   |
| 4   | 1/4" QC 50PSI Pressure Limiting Valve                                                                | 1   |
| 5   | 1/4" OD PE White Tube 1.5 metres                                                                     | 1   |
| 6   | Faucet and 1/4" tube union connector                                                                 | 1   |
| 7   | Faucet fittings (Chrome cover plate, rubber wash, ABS round plate, large rubber washer, locking nut) | 1   |
| 8   | Teflon Thread Seal Tape 1/2" x 120                                                                   | 1   |
| 9   | Screw for manifold bracket 3/4" Phillip Head 2 pcs/bag                                               | 1   |
| 10  | Wrench with depth gauge washer                                                                       | 1   |
|     | <b>Filters</b>                                                                                       |     |
| 11  | Carbon Block Filter                                                                                  | 1   |
| 12  | 1/4" BSP Hose/Housing connectors                                                                     | 2   |



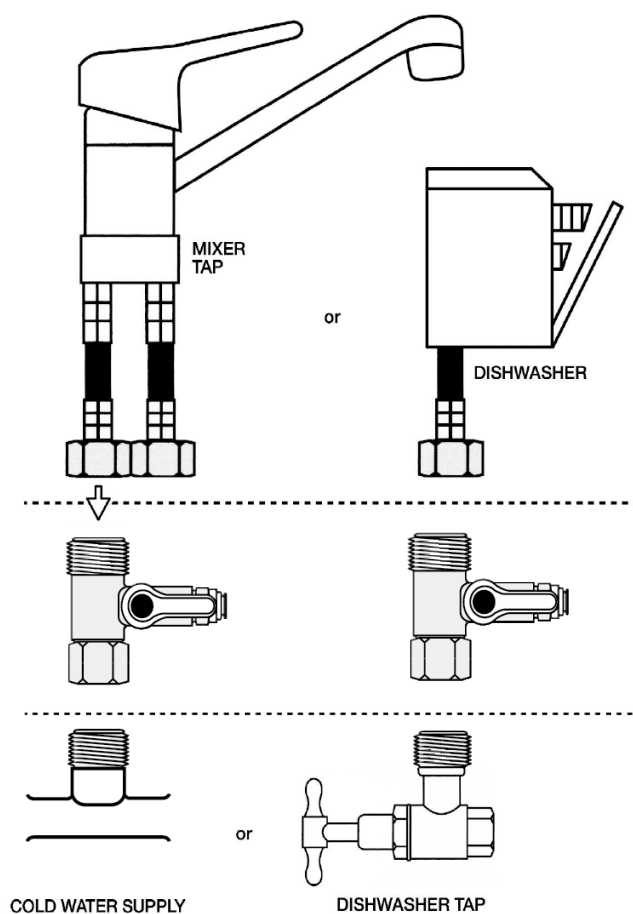
# INSTALLATION INSTRUCTIONS - STEP 1

The Single Undersink Water Filtration System can be fixed in 2 different ways below are the options:

To find the right location, you require at least 400mm in height and sufficient access to change the filter cartridge as required on a regular basis. Avoid areas of high use to reduce the risk of hitting the housing or connections that may result in breakage or leaking.

## Installing with an existing mixer tap or dishwasher tap

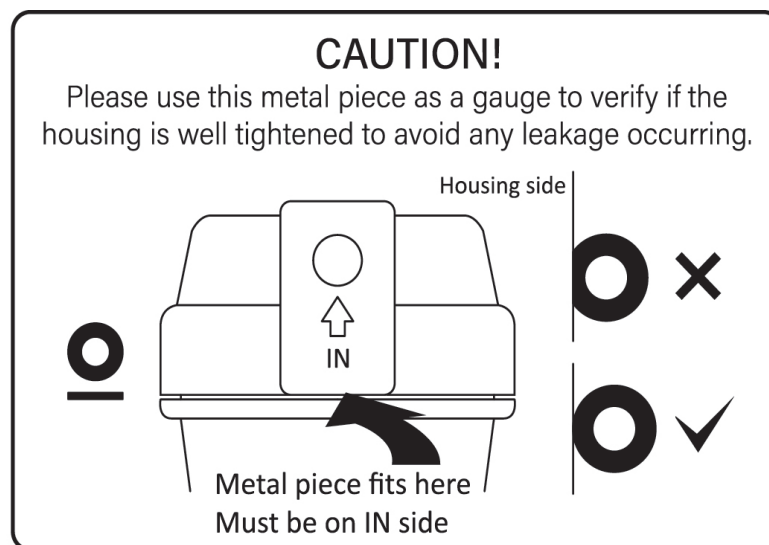
1. Turn the main water supply off.
2. Locate the cold water supply to your kitchen sink tap or dishwasher tap.
3. Disconnect the flexible hose from the mixer or dishwasher tap (the use of a flexible hose which complies with Australian Standards is recommended).
4. Use the Teflon plumbers tape provided to wrap around the male ends of the shut off connection valve and the cold water supply or dishwasher tap, winding in a clockwise direction 3 or 4 times.
5. Fit the shut off connection valve to the flex hose and the mains water supply. Ensure the valve is in the "OFF" position and turn the mains water on to check for any leaks on this part of the installation. If no leaks occur, turn the mains water back off until ready to test the final installation. If leaks occur, remove the mains shut off valve and re tape and refit and recheck for leaks.



# INSTALLATION INSTRUCTIONS - STEP 2

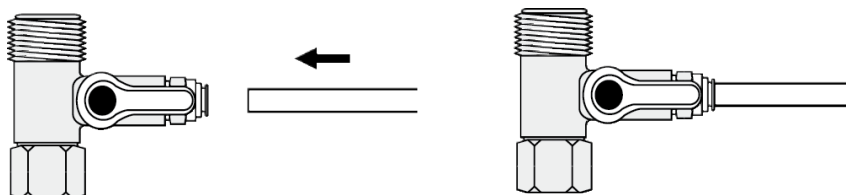
## Filter Housing Assembly

1. Open housing and remove plastic wrap around filter in new under sink systems before placing back into housing
2. Fit the mounting manifold to suitable position using Phillips head screws provided
3. Check sealing rings are seated in position and close the filter housing onto the manifold by turning housing to the right (looking from the front view of system). Use the wrench provided and do not over tighten housing. Ensure depth gauge washer cannot fit into the gap as shown in below image.

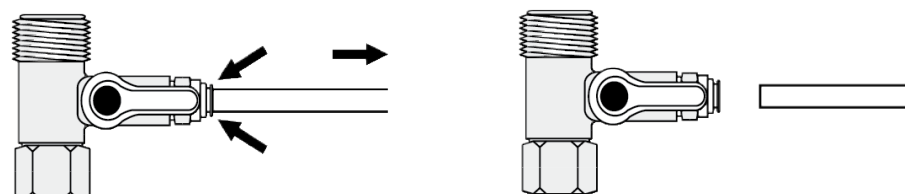


## Important notes on 1/4 inch tubing:

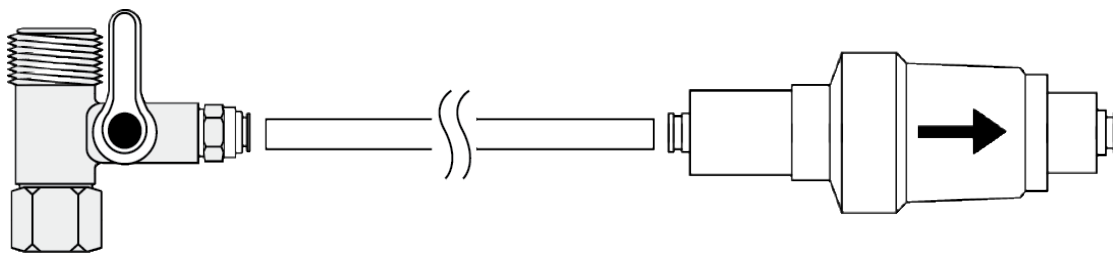
- When cutting the 1/4 inch tubing, ensure the cuts are square and clean, otherwise leaking may occur.
- When connecting the tube to the quick connect system, ensure you push the tube all the way to the end, and pull slightly to seal the connection.



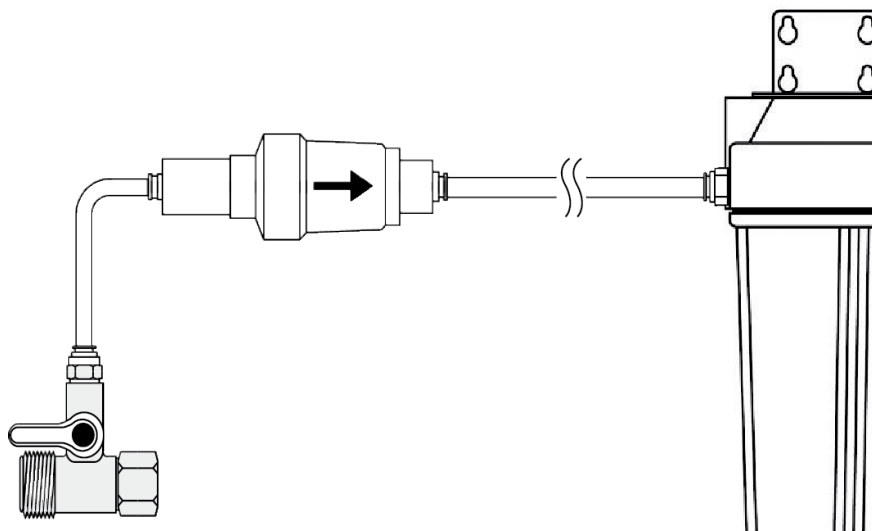
- To Disconnect, push the tubing in, press and hold collar against fitting, pull tube out of fitting.



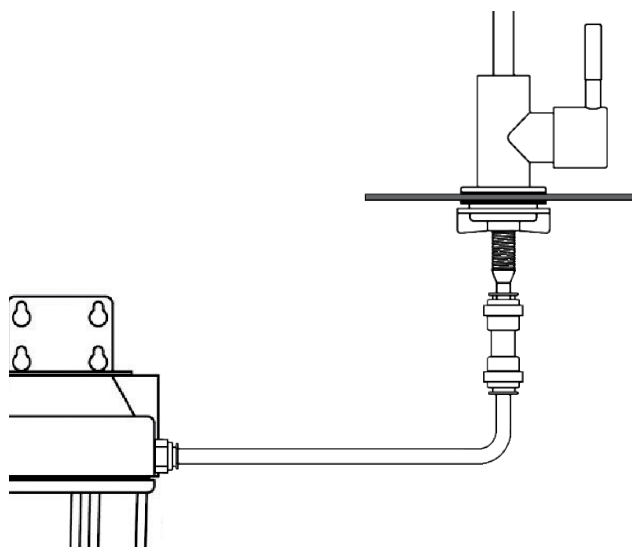
4. Cut a length of tube approximately 200mm long and connect one end to the mains connection shut off valve and the other end to the inlet of the pressure limiting valve- please ensure you check the flow direction is correct, otherwise water flow will be restricted



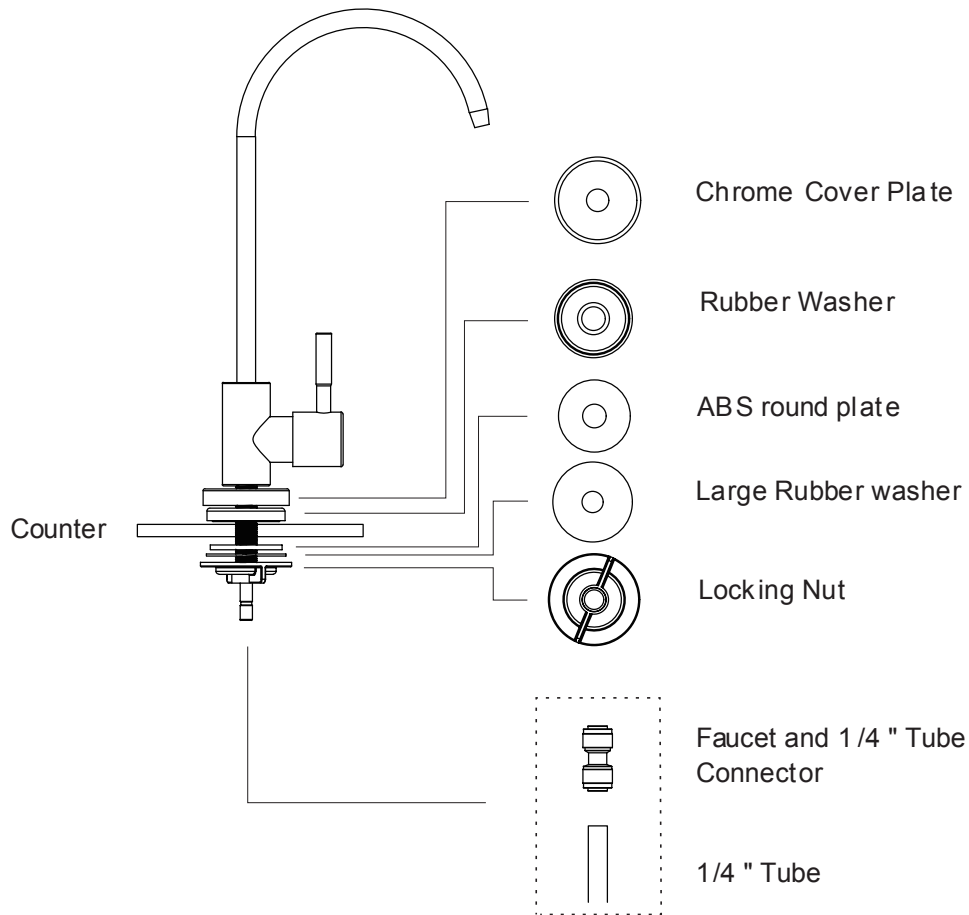
5. Cut the next length of tubing to the required length to reach from the outflow of the pressure limiting valve to the inlet of the filter housing, leaving enough flex so it is not rigidly light, and so it can be tucked neatly out of the way. Please ensure you have connected the tubing to the side marked IN on the filter housing.



6. Use the remaining tube to connect from the outlet of the housing to the faucet, cut to length if required See faucet installation details in next step.

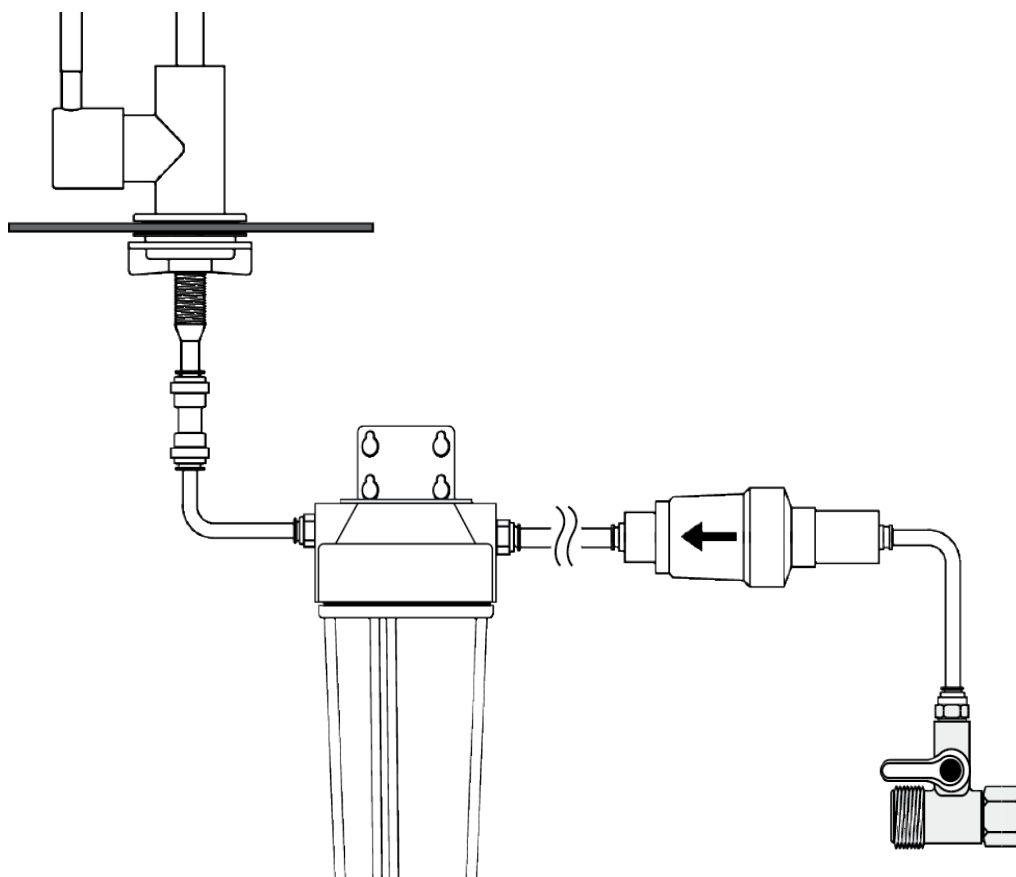


# INSTALLATION INSTRUCTIONS - STEP 3 MOUNTING THE FAUCET



1. Place Chrome Cover plate, Rubber Washer, on the shaft of faucet.
2. Insert faucet shaft into the hole on the counter/sink top.
3. Place ABS round Plate, Large Rubber washer and Locking Nut on under counter/sink side of the faucet shaft. Tighten with Locking. Nut and ensure faucet handle is pointing in the desired direction.
4. Insert the 1/4 inch connection piece onto the shaft of the faucet and push in until it fully stops, pull slightly to seal the connection.
5. Insert the 1/4 inch tubing from the outlet of the filter housing into the connection piece until it fully stops, pull slightly to seal the connection.
6. Turn on the water supply and allow the water to run for 10 minutes before enjoying fresh water from your purification system every day.
7. Check thoroughly for any leaks.

## FINISHED INSTALLATION

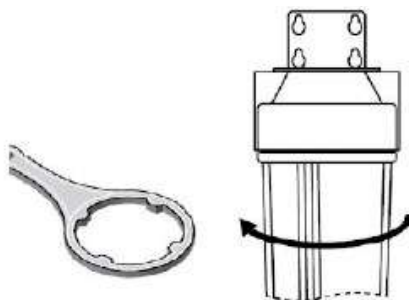


## REPLACING FILTER CARTRIDGES

It is recommended to only use Stefani water filter cartridges with this filtration system. This will ensure optimum performance, protection from contaminants and compliance with the warranty.

Product code to look out for replacement filters is 102 Carbon Block filter.

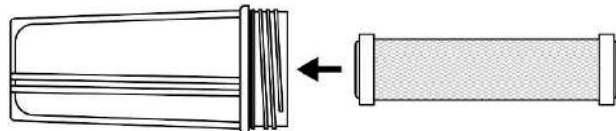
1. Turn off water supply to the filter system- this can be achieved by turning the valve of the main connection valve anti-clockwise until it will not turn any further (as shown in the above installation drawing). Test water supply is off by opening faucet to check water has stopped running. If water does not flow from faucet when faucet is open, water is turned off.
2. Unscrew filter housing from system by turning to the left (looking at front view of system).



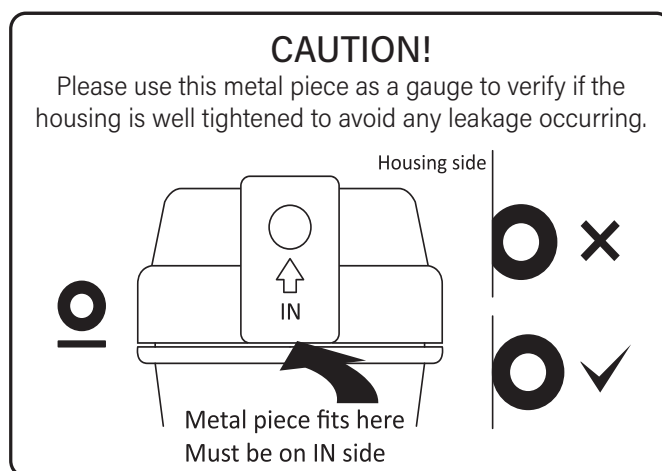
3. Remove and discard filter cartridge.

4. Clean housing and rinse thoroughly. Do not use abrasive cleaners.

5. Remove plastic wrapping from the new filter cartridge before placing into filter housing. Ensuring post in bottom of filter housing is located in the centre of filter cartridge.



6. Screw filter housing onto manifold and tighten by wrench until the O-ring between the head and housing is not visible. Use the depth gauge washer to ensure the housing has been sufficiently tightened as shown in below image.



**Helpful hint:** After carrying out a filter cartridge replacement or any maintenance on filter system, we recommend you observe system from possible water leaks for a day after filter cartridge replacement. Seals and plumbing to the system may have disturbed.

7. Open faucet and turn water on at the mains and at the mains connection valve.

8. Allow water to run through system for several minutes to expel air bubbles trapped in the system and filter. Water may appear milky. These are only tiny air bubbles and some contaminants being expelled from the new cartridge. Flush water until it runs clear.

**Note:** If the unit is to be left unused for more than 2 days, the water supply valve must be turned off to system. If the undersink water filtration system has not been used for 2 or more days, you will need to flush 5 to 10 litres of water through the system before using the water.

**LOW /NO MAINTENANCE REQUIRED:** The only requirement is changing the filter cartridge. Maximum filter cartridge life expectancy is 6-8 months. The life and performance of filter cartridge may vary depending on volume and quality of the incoming water supply being filtered. Your filter cartridges may need replacing earlier than 6-8 months if you notice a reduce volume or flow from the filter faucet, or the return of an unpleasant taste/odour to the filtered water. Please contact Stefani Australasia Pty Ltd on (08) 9350 6178 or email to [stefani@stefani.com.au](mailto:stefani@stefani.com.au) if you require any assistance.

# WARRANTY

This warranty is expressly limited to repair or replacement at our premises of any parts proving defective providing purifier has been installed in accordance with our installation instructions, and pressure and temperature do not exceed limits stated herein. This warranty does not extend to mechanical damage. Save as they may be excluded by law, this warranty is given in lieu of all other expressed or implied warranties or conditions and Stefani shall in no event be held liable for damages or delays caused by defects and assume no responsibility for unauthorised repairs or installations.

This warranty becomes void if:

- a) The system has not been installed by a licensed plumber according to plumbing codes in your state.
- b) Any non-Genuine Stefani filtration cartridges, or replacement parts have been used within the system.

## STEFANI WATER FILTER CARTRIDGES GUIDE

Depending on your usage and requirements you may consider using the water filter cartridges listed below in your Stefani water filtration system. Stefani water filter cartridges can also enhance or improve performance and protection when used in other brands of water filtration systems. Suitable for use in all systems using standard length 248-250mm filter cartridges.

| Product Code                                                                                                                                       | Barcode       | Description          |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------|
| <b>STEFANI SEDIMENT REDUCTION CARTRIDGES<br/>FOR REMOVAL OF SEDIMENT, DIRT, RUST, TURBIDITY, ALGAE AND ALL OTHER<br/>PARTICULATE CONTAMINANTS.</b> |               |                      |
| PP-0510                                                                                                                                            | 9319652006720 | 5 micron (nominal)   |
| PPG-0510                                                                                                                                           | 9319652006775 | 5 micron (nominal)   |
| XSC10WSED                                                                                                                                          | 9319652006737 | 10 micron (nominal)  |
| XSC25WSED                                                                                                                                          | 9319652006744 | 25 micron (nominal)  |
| PPG-5010                                                                                                                                           | 9319652006751 | 50 micron (nominal)  |
| <b>STEFANI ACTIVATED CARBON TASTE AND ODOUR REDUCTION CARTRIDGES</b>                                                                               |               |                      |
| 107                                                                                                                                                | 9319652003798 | 0.2 micron (nominal) |
| 106                                                                                                                                                | 9319652003781 | 0.5 micron (nominal) |
| 105                                                                                                                                                | 9319652003774 | 0.5 micron (nominal) |
| 103                                                                                                                                                | 9319652003750 | 0.6 micron (nominal) |
| 104                                                                                                                                                | 9319652003767 | 2 micron (nominal)   |
| 102                                                                                                                                                | 9300764037955 | 5 micron (nominal)   |
| <b>STEFANI GREEN CARBON FILTER</b>                                                                                                                 |               |                      |
| FX-CYST                                                                                                                                            | 9319652006829 | 1 micron             |
| FX-CL2                                                                                                                                             | 9319652006836 | 10 micron            |

## FILTER CHANGE REMINDER

To ensure efficient performance we recommend filter cartridges are replaced every 6 months.

Replacement (supplied) filter code:

| Code | Barcode       |
|------|---------------|
| 102  | 9300764037955 |

Please check the Water Filter Cartridge Guide on page 11 for other suitable filters for this system.

Register online at [www.stefani.com.au](http://www.stefani.com.au) for a filter change reminder by email. A filter change reminder fridge magnet has been supplied for your convenience.

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