



## TWIN UNDER SINK FLUORIDE SYSTEM WITH DEDICATED DRINKING TAP

# USER MANUAL

☎ 02 6646 8565

📷 @clarencewaterfilters

WWW.CLARENCEWATERFILTERS.COM.AU

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# ABOUT US

Clarence Water Filters is a family-owned business based in sunny Yamba, NSW.

In business for over 20 years, we have sent thousands of water filtration systems and replacement water filters to customers Australia-wide.

Clarence Water Filters employs local staff members and works in partnership with dozens of other Australian small businesses. So when you buy products from us, you are supporting a small, family owned, Aussie-owned business.

We aren't Amazon, Aldi, Bunnings, Coles, or Woolies — we have no shareholders or foreign investors, so all of our profits are re-invested in local families and within the Australian community.

## ***Our mission is simple***

We strive to help customers enjoy clean and safe drinking water in their homes and businesses – at an affordable price.

Our focus is quality, value, and customer care.

## ***Our Commitment to Quality***

Another one of our core beliefs is that quality matters. That's why the majority of our products are from the United States, United Kingdom, and Taiwan. Countries with high manufacturing standards.

We prefer to stock products from reputable companies that are known for making high-quality products — even if it costs us more to buy these brands.

The logic is simple. High-quality products make our customers happy. They enjoy higher quality water and reliable filtration systems. That's why they return to us whenever they need replacement filters or a new water filter system.

## **CONTACT US**

(02) 6646 8565  
sales@clarencewaterfilters.com.au  
www.clarencewaterfilters.com.au

# PRODUCT FEATURES



## *Twin Under System Components*

1. Pressure Limiting Valve (PLV)
2. White Bracket
3. Housing Head x 2
4. Housing Sump x 2
5. Spanner
6. **Stage 1 Filter:** 10" x 2.5" (Filters may vary see page 5)
7. **Stage 2 Filter:** 10" x 2.5" (Filters may vary see page 5)
8. 1/4" Bsp System Water Inlet
9. 1/4" Bsp System Water Outlet
10. 1/4" High Pressure Tubing x 3 metres
11. 1/2" Female to 1/4" Tube and 1/2" Male Angled Stop Valve
12. Thread Tape
13. 1/4" Bsp to 1/4" Tube Elbow x 2
14. Dedicated Drinking Tap

# PRODUCT FEATURES

## *Filter Variations Included With Your System*

### *Sediment Filter Options*

**FL051** - 5 Micron Fluoride Filter containing Active Alumina that will reduce up to 90% of Fluoride for 1900L. As this filter uses Active Alumina it is recommended that you use a quality carbon filter as your second stage filter.

The FL051 will require replacement after 6-12 months depending on the quality of your water.

**1025PS0.5** - 0.5 Micron polyspun sediment filter for fine particle filtration will reduce sand, rust, dirt and algae. This filter will require replacement after 6-12 months depending on the levels of sediment in your water.

### *Carbon Filter Options*

**WC04**- 0.45 Micron high quality USA made activated carbon block filter. This filter will reduce heavy metals, chlorine, chloramine, other chemicals and bad tastes & odours.

The WC04 filter will require replacement after 6-12 months depending on the quality of your water.

**1025 Cerametix**- 0.5 Micron ceramic carbon fluoride removal filter. This Cerametix Fluoride Filter will reduce up to 92% of fluoride in addition to Chlorine, Chloramines and Heavy Metals. This filter can be cleaned with a scourer to extend its life and to increase flow rate, however it will require replacing after 6-12 months depending on the quality of the water.

## *Twin Under Sink Fluoride System Specifications*

**Dimensions:** 275mm wide (Including fittings) x 130mm deep x 325mm high (allow an extra 50mm under the system for changing the filters)

**Maximum pressure:** 90psi

**Materials:** Custom engineered, chemical resistant, reinforced American made polypropylene

**Temperature range:** 4.4°C – 37.8°C

*AS/NZS 3497:1998 Amdt 1 2001 Drinking Water Treatment Units Plumbing Requirements  
WaterMark Certificate 23124, IT002715*

# INSTALLATION GUIDE

## *Installing Your System*

- It is recommended that a licenced plumber install your new system.

### *Installing the tap:*

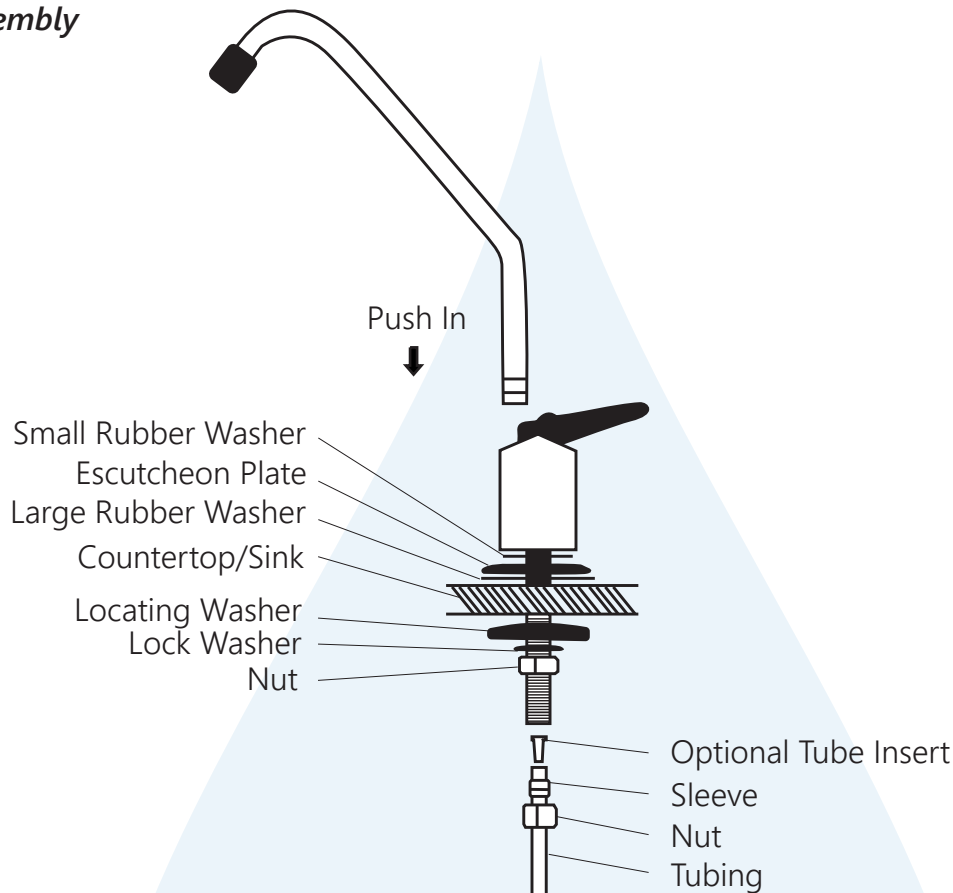
- Check the corner of the sink (flat section) and corresponding underside where the thread will go to ensure there are no obstructions
- Mark the centre of the hole using a nail or centre punch.
- Drill a hole using a 5mm bit and slowly increase in size until 12mm. You will need to use a couple of drops of water as you go.
- Fit tap through hole and secure washer and nut under the sink (Diagram page 8)

### *Installing the system:*

- Turn off the water supply and release water pressure by running cold water tap.
- Identify the cold water wall tap or fitting.
- Undo the existing cold water line from wall tap or fitting and fit the 1/2" Female to 1/4" Tube and 1/2" Male Angled Stop Valve/shut off tap and reconnect the cold water line.
- Cut a short piece of tubing to connect the angle stop valve and the pressure limiting valve ensuring you check the flow direction on the valve.
- Fit the filter system inside your cupboard. The bracket can be screwed to the wall or the system can be left loose or lying flat. If securing ensure that you allow 50mm under the system to allow for changing filters.
- Run thread tape 10-14 times around the 1/4" bsp thread of your elbow fittings and screw into the inlet and outlet side of your system.
- Cut a piece of tubing and run between the outlet side of the pressure limiting valve to the inlet side of your water filter system.
- The remaining tubing will connect your outlet side of the system to you tap (Diagram Page 8)
- Turn on the the shut of valve and your dedicated drinking tap and allow water to flush your new filters for 2-3 minutes or until water runs clear.

# INSTALLATION GUIDE

## Tap Assembly



## Opening & Cleaning Your System

1. Turn off the water supply to the system, release the water pressure in the pipes by opening the dedicated drinking tap and leaving on.
2. Use the housing spanner to undo the sumps, turning from RIGHT to the LEFT.
3. Remove the dirty filters and using a bottle brush, clean the housing sumps & head, then rinse with clean water.
4. Using a clean cloth or paper towel, wipe around the O-ring seal and where it seats. Before replacing the O-ring, use a small amount of food grade silicone grease to keep the O-ring supple and provide a watertight seal (vegetable or cooking oil will do the same job – do not use petroleum based lubricants).
5. Only hand tighten the housing sumps – do not use the spanner – then wipe dry with a clean cloth.

# REPLACING YOUR FILTERS

As a guide we recommend replacing your filters every 6 - 12 months.

Reordering your filters is as simple as scanning the QR code on your system or visiting [www.clarencewaterfilters.com.au](http://www.clarencewaterfilters.com.au) Replacement filters can also be ordered by contacting our friendly sales team on (02) 66468565.

Replacing your filters is a simple procedure that does not require a plumber. Follow the instructions below to safely and successfully change your filters

## ***Replacing & Flushing Your Filters***

1. Turn off water supply.
2. Release pressure from system by turning on the dedicated drinking tap and leaving on.
3. Using the spanner provided undo both filter sumps, remove and discard old filters then clean inside of sumps and lubricate O-rings.
4. Place your sediment filter in the first sump and your choice of carbon filter in the second sump and hand tighten (do not use spanner).
5. Turn on water supply and allow to run for 2-3 minutes or until water runs clear.
6. Turn tap on and off slowly a few times to allow any trapped air to escape.





# THANK YOU!

We would like to thank you for supporting our small family business and hope that we can continue to provide you with your water filtration products.

We value your feedback so if you have any questions or concerns please don't hesitate to get in touch with our friendly team.

Google reviews are important to us! If you have been happy with your experience we'd love to hear from you. Scan the QR Code to leave us a review.



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