TOWN TRIPLE WHOLE HOUSE SYSTEM

WITH REUSABLE FILTERS

USER MANUAL

REORDER FILTERS

CLICK HERE

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

Triple Whole House Components

1. PR20 3/4" BSP female 500 kPa pressure limiting valve
2. Stainless Triple Bracket
3. Housing Head x 3
4. Housing Sump x 3
5. Spanner
6. ***Stage 1 Filter:*** 20" x 4.5" Pleated Washable Filter (Filters may vary see page 5)
7. ***Stage 2 Filter:*** 20" x 4.5" Refillable Carbon Filter (Filters may vary see page 5)
8. ***Stage 3 Filter:*** 20" x 4.5" Refillable Carbon Filter (Filters may vary see page 5)
9. 1" Bsp System Water Inlet
10. 1" Bsp System Water Outlet

*Please note that the filters included with your system may differ. Labels specifying which filters are in your system can be found on the stainless steel bracket above each housing. For help understanding your filters refer to page 5.

PRODUCT FEATURES

Filter Variations Included With Your System

SEDIMENT

2045PW5Nom - Premium long life 5 Micron Pleated Washable Sediment Filter with rubber end seals.

A more robust and long-lasting pleated washable filter due to rigorous Taiwanese manufacturing standards and high-quality materials. Superior end caps and greater pleat density.

Reduces a wide range of particulate contaminants including sediment, sand, silt, rust, dirt, and slime.

REORDER 2045PW5Nom

2045PW5-CWF - Taiwanese Made 5 Micron Pleated Washable Sediment Filter.

Reduces a wide range of particulate contaminants including sediment, sand, silt, rust, dirt, and slime.

REORDER 2045PW5-CWF

CARBON

2045GAC - Granular Activated Carbon. Reduces Sediment, Chemicals, Chlorine, Bad taste & Odours.

REORDER PREFILLED **REORDER MEDIA**

2045ORC - Odour Reducing Carbon. Higher capacity to remove Chlorine and better Chloramine reduction than standard activated carbon.

REORDER PREFILLED **REORDER MEDIA**

2045KDF/ORC - KDF55 & ORC. Ideal for water supplies that have a high Chloramine level or have a slight Sulfide odour.

Reduces Sediment, Chemicals, Chlorine, Chloramines, Ammonia, Heavy Metals, Bad taste, Odours, helps control bacteria and reduces Scale build up.

REORDER PREFILLED **REORDER MEDIA**

2045ORC/PHOS - ORC + Polyphosphate. Addition of polyphosphate will help reduce scale from forming in soft to moderately hard water.

REORDER PREFILLED **REORDER MEDIA**

PRODUCT FEATURES

Triple Whole House System Specifications

Dimensions: 698mm high with bracket x 620mm wide (allow an extra 100mm under the system for changing the filters)

Maximum pressure: Limit pressure to a maximum of 550kPa

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

Temperature range: 0.5°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 licensed plumber install your new system.

Installing the system:

- Do not install in direct sunlight.
- Mount the system with a minimum of 100mm clearance off the ground to allow for easy removal of filters.
- Check flow direction which is marked on top of the system.
- Recommended to have a PLV (pressure limiting valve) fitted before the system.
- If you are using a pressure pump to supply the water, a PLV may still be required if the pump exceeds systems maximum operating pressure.
- After installing make sure to flush the new filters for 5 – 10 litres by opening the first tap after the filter system or use the Sump Flushing method. (*See flushing instructions Page 8)*

FLUSHING YOUR FILTERS

Triple System Sump Flushing Method

* New filters need to be flushed to remove carbon fines

- Turn off water supply.
- Release pressure from system by either depressing Pressure Relief Button on head (if installed), or opening 1st tap after system.
- Undo all three filter sumps, remove old filters then clean inside of sumps and lubricate O-rings (use food-grade silicone grease or vegetable oil will substitute – do not use petroleum based lubricants).
- Place new sediment filter into Stage I.
- Install the replacement stage 3 refillable canister into the 2nd Stage of your triple filter housing, leaving the third stage empty and without the sump attached.
- Place a bucket (minimum 10L capacity) underneath empty 3rd stage to catch flushed waste water.
- Slowly turn on water supply and flush until bucket fills and water runs clear of fines – repeat if necessary.
- Turn off water supply and remove Stage 3 refillable canister from 2nd stage sump and set aside.
- Install the 2nd Stage Refillable Canister filter into the stage 2 sump and turn on water to flush in same manner as above.
- Turn off water supply and install the freshly flushed filters in correct order and hand tighten sumps - do not use Sump Spanner to tighten.
- Slowly turn on water supply again – you may still have some air bubbles, this should disperse within a few hours or days.
- Check system for leaks around sump seals and fittings.

FLUSHING YOUR FILTERS

Flushing Filters Using First Tap

* New filters need to be flushed to remove carbon fines

- Turn off water supply
- Release pressure from system by opening 1st tap after system and leave open.
- Undo all three filter sumps, remove old filters then clean inside of sumps and lubricate O-rings (use food-grade silicone grease or vegetable oil will substitute – do not use petroleum based lubricants).
- Place new sediment filter into Stage I and Stage 2 filter into stage 2.
- Screw on the Stage 3 sump empty.
- Slowly turn on water and allow water to run until clear.
- Turn of water, leaving 1st tap open.
- Place stage 3 filter into stage 3.
- Slowly turn on water and allow water to run until clear - you may still have some air bubbles, this should disperse within a few hours or days.
- Check system for leaks around sump seals and fittings.

REPLACING YOUR FILTERS

Your first stage pleated washable is designed to be washed every few months. This will improve effectiveness and reduce the risk of slow flow rates.

As a guide we recommend replacing your filters every 9 - 12 months. Reordering your filters is as simple as scanning the QR code on your system or visiting *www.clarencewaterfilters.com.au*

Replacement filters can also be ordered by contacting our friendly sales team on *(02) 66468565*.

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

Washing your Pleated Washable Filter

1. Your pleated washable filter can be washed 4-6 times before replacement depending on the quality of the water.
2. Turn off water and release pressure from system by either depressing Pressure Relief Button on head (if installed), or opening 1st tap after system
3. Remove the pleated washable filter from stage 1.
4. Use a standard garden hose to hose off any accumulated sediment from the filter.
5. DO NOT use a pressure hose as you may destroy the filter.
6. If required you may soak your pleated washable filter in Napisan or similar. Ensure you rinse the filter before placing back into Sump 1.
7. Hand tighten sump and slowly turn on water.

REPLACING YOUR FILTERS

Refilling & Replacing Your Filters

1. Turn off water supply.
2. Release pressure from system by either depressing Pressure Relief Button on head (if installed), or opening 1st tap after system.
3. Using the spanner provided undo all three filter sumps, remove and discard your stage 1 filter.
4. Refer to pages 11-13 for instructions on how to refill your carbon filters.
5. Place the pleated washed sediment filter in the first stage.
6. Follow either the sump flushing instructions (page 8) or the 1st tap flushing instructions (page 9).
7. Store any remaining media in a dry environment away from any strong odours, fuel, or chemicals.

REPLACING YOUR FILTERS

Refilling your filters

2045GAC & 2045ORC

1. Remove green cap from refillable cannister being careful to keep the top rubber washer in place
2. Remove and rinse top sediment pad and set aside.
3. Empty old carbon into green waste bin.
4. There will be an additional sediment pad on the bottom of the filter. Remove and rinse and set aside.
5. Wash and rinse inside of cannister.
6. Place first sediment pad back in the bottom of the cannister.
7. Empty new bag of carbon into cannister. You may need to tap filter gently to allow carbon to settle in order to fill completely.
8. Place second sediment pad on top of carbon and secure green cap.
9. ***Flush*** for 10-20 litres using one of the methods detailed above

REPLACING YOUR FILTERS

Refilling your filters

2045KDF/ORC

1. Remove green cap from refillable cannister being careful to keep the top rubber washer in place
2. Remove and rinse top sediment pad and set aside.
3. Empty old carbon into green waste bin.
4. There will be a second sediment pad between the carbon layer and the KDF layer. Remove, rinse and set aside.
5. Empty KDF into green or red waste.
6. There will be a third sediment pad on the bottom of the filter. Remove, rinse and set aside.
7. Wash and rinse inside of cannister.
8. Place first sediment pad back in the bottom of the cannister.
9. Empty 1kg of KDF55 into cannister.
10. Place second sediment pad on top of KDF55
11. Empty carbon on top of sediment pad. Gently tap the filter to settle carbon to allow you to fill filter. You may not use the entire 2kg of carbon.
12. Place final sediment pad on top of carbon and secure green cap.
13. ***Flush*** for 10-20 litres using one of the methods detailed above.

REPLACING YOUR FILTERS

Refilling your filters

2045RORC/PHOS

1. Remove green cap from refillable cannister being careful to keep the top rubber washer in place
2. Remove and rinse top sediment pad and set aside.
3. Empty old phosphate if any remains into green waste bin or set aside if you wish to use.
4. There will be a second sediment pad between the polyphosphate layer and the carbon layer. Remove, rinse and set aside.
5. Empty carbon into green or red waste.
6. There will be a third sediment pad on the bottom of the filter. Remove, rinse and set aside.
7. Wash and rinse inside of cannister.
8. Place first sediment pad back in the bottom of the cannister.
9. Empty carbon into cannister ensuring there will be enough room remaining for your polyphosphate. Gently tap cannister to settle carbon. This will allow you to fit more in the cannister. You may not use the entire 2kg of carbon.
10. Place second sediment pad on top of carbon.
11. Empty polyphosphate on top of sediment pad.
12. Place final sediment pad on top of the polyphosphate and secure green cap.
13. ***Flush*** for 10-20 litres using one of the methods detailed above.

GLOSSARY

CHLORAMINE is a chemical disinfectant formed by combining chlorine and ammonia. Commonly used in townwater treatment as a more stable, longer-lasting alternative to free chlorine.

Whilst effective at controling bacteria it can cause skin/eye irritation and an unpleasant taste. May also cause blonde hair to turn green.

GAC Acid Washed Granular Activated Coconut Carbon. Reduces Chlorine, Chemicals, Bad Taste & Odours.

HEAD The top part of the housing that is attached to the bracket. The sump screws up into the head. May be black or white in colour.

KDF55 (copper + zinc) is designed to reduce up to 99% of heavy metals including mercury, water-soluble lead, chromium and nickel.

When exposed to KDF55 "Free" chlorine is broken down through the redox process into safe, water-soluble chloride.

It is important to note that KDF55 reduces "free" chlorine and hydrogen sulfide but does not reduce chlorine that has been combined with other contaminants in the water. For this reason, you will commonly find KDF55 paired with a number of different GAC carbons.

KDF55 will also help to control the buildup of algae, fungi, bacteria and scale.

kPA or kilopascal is a metric unit of pressure.

ORC Enhanced Catalytic "Odour Reducing Carbon" is surface modified giving it a higher capacity to remove Chlorine and better Chloramine reduction than standard activated carbon (GAC).

ORC carbon can be used to reduce bad tastes & odours and reduce hydrogen sulfide rotten egg gas smell in water.

POLYPHOSPHATE scale inhibitor media. Polyphosphate granules are ideal for reducing and inhibit scale build up caused by hard water and Calcium.

The granules slowly dissolve to protect hot water systems, catering equipment etc. Polyphosphate is food grade and safe for drinking water applications.

POLYPROPYLENE is a durable, lightweight thermoplastic polymer known for high heat resistance, chemical resistance, and flexibility.

SUMP The bottom part of the housing that holds your filter element and screws up into the head. May be blue, black or white in colour.

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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