

SPECIFICATIONS

Dimensions: 200 H x 300 W x 200 D
Connects To: Cold Water Line
Operating Pressure: 35 - 80 psi
Operating Temperature: 0.6 - 38 °C
Membrane Flow Rate: 16 L/h
System Outflow Rate: 3 L/Min
Out of the Tank.
Final pH: >9 (Alkaline Water)

The USA Compact Reverse Osmosis has a Dupont Filmtec Membrane Made in the USA, John Guest Fittings Made in the UK, and an Omnipure Filter Made in the USA.

For customers looking for a 100% fluoride and hardness removal as well as sweet tasting water (Bottled-Like Water).



8L
USA Compact Reverse Osmosis with Alkalisising Filter

The whole house water filter will work as the pre-filtration stages that a regular reverse osmosis needs.

Therefore, the whole house water filter replaces the first and second stage in a regular reverse osmosis. As a result, the Compact Reverse Osmosis is assembled with 3 stages only, or core components; carbon filter, membrane, and alkalisising filter.

The final stage in the compact reverse osmosis will effectively raise pH levels and produce antioxidant and oxygenating qualities. The final result is pure sweet-tasting water.



Installed with whole house water filters



Our systems are installed under your existing kitchen bench and are supplied with a chrome faucet for filtered water.

If you do not want a separate drinking faucet, you can upgrade your kitchen tap and get a 3 Way Mixer.

Reduction Claim

Sediments, Sand, Silt & Dirt	✓
Free Chlorine, Combined Chlorine & Chloramines	✓
Pesticides & Herbicides	✓
Volatile Organic Compounds	✓
Taste, Odours & Colour	✓
Heavy Metals (Copper, Arsenic, Mercury, Lead...)	✓
Parasites, Bacteria & Viruses	✓
Fluorides	✓
Nitrates, Antibiotics & Pharmaceuticals	✓
BPA & PFAs	✓
Silica & Hardness	✓

\$595

FILTRATION STAGES

1st Stage: Omnipure Inline Carbon Pre-Filter, Made in USA. Coconut Shell Activated Carbon Media. Removes Chlorine, Taste and Odour, and VOCs. Protects the membrane from Chlorine and Ammonia which can damage the membrane. Removes THMs, TCEs, Pesticides, Disinfectants and other Organic Pollutants. **Replace every 12 months.**

2nd Stage: RO Membrane, Made in USA. Dupont Filmtec Reverse Osmosis Ultrafine Membrane for rejection to all salts and inorganic molecules, as well as organic molecules. The pore size is less than 0.0005 micron (human hair is 70 microns). **Replace every 2-3 years.**

3rd Stage: Inline Alkalisising/Mineralising Filter. The mineralising and alkalisising filter, successfully raises pH levels producing antioxidant and oxygenating qualities. Adds minerals such as Calcium, Magnesium and Potassium. **Replace every 2 years.**



System includes a 12 Litre Reverse Osmosis Tank, which holds 8 Litres.
 12 L Tank Dimensions:
 244 D x 366 H mm

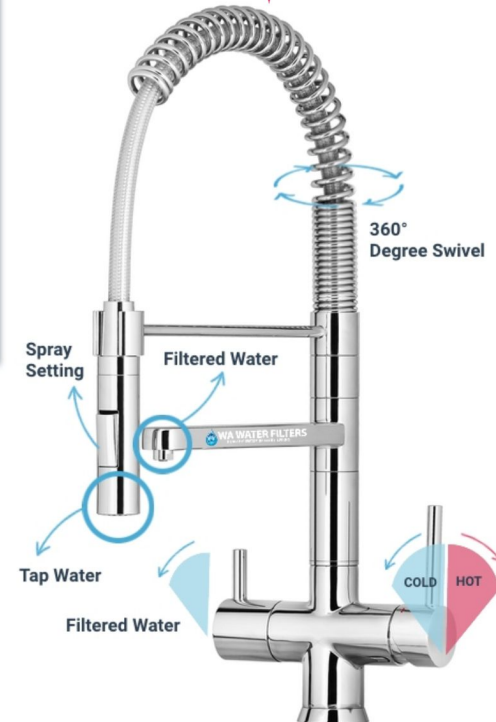
The tank fills up with water coming from the membrane at a flow rate of 16 L/h* dependant on water pressure. This tank allows you to have up to 150 litres of water instantly* dependant on tank capacity.

If a bigger tank capacity is required, you can upgrade your 12L Tank to a 18 L Tank for only \$50.
 18 L Tank Dimensions: 279 D x 368 H mm

System Components are Tested and Certified by NSF International under NSF/ANSI Standard 42 for material requirements only.



5 YEARS WARRANTY



REPLACEMENT FILTERS & BUNDLES

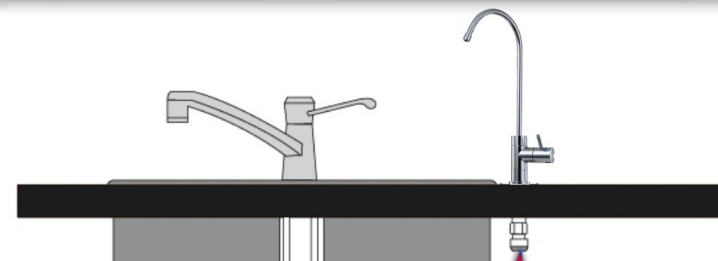


Replacement Filters Bundle

Recommended Replacement Frequency:
1st Stage: Inline Carbon Filter (Every Year)
2nd Stage: RO Membrane (Every 3 Years)
3rd Stage: Alkalising filter (Every 2 years)

1st Service	2nd Service	3rd Service	4th Service
\$59	\$154	\$154	\$154

Note: Filters are recommended to be replaced every year. However, not all filters are replaced at once. This is because each filter has a different life span.



Instead of having a separate faucet for filtered water, consider having a 3 Way Mixer to avoid drilling a hole through your stone/wood bench.

3 Way mixers have a long lever for hot and cold, and a short lever for only filtered water.

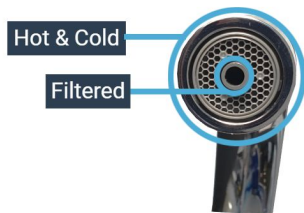
PULL OUT HOSE MIXER



\$525
-Chrome Pull Out -
478mm H x 333mm W

UPGRADE TO 3 WAY TAP

High Loop 3 Way Mixers Spout



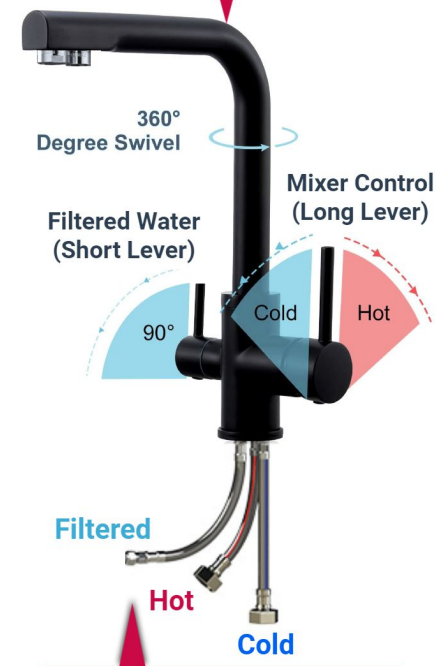
Note: In 3 Way Mixers, filtered water has an independent nozzle in the spout. Therefore, filtered and unfiltered water never mix.

L-Shape 3 Way Mixers Spout



\$395	\$395	\$345	\$345	\$395
Matt Black	Stainless Steel	Chrome	Chrome	Matt Black

Our NEW Chrome 3 Way Mixers feature an LED indicator that turns from blue to red when the filter needs replacing.



In 3 Way Mixers there are separate tubes inside the faucet, so there's absolutely no mixing of sources.



Polypropylene Sediment Cartridges

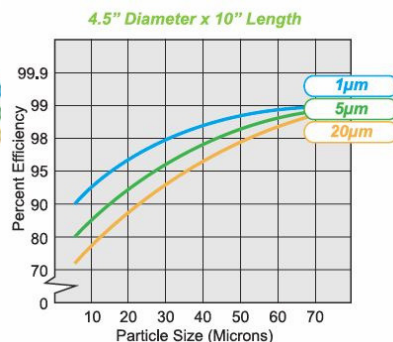
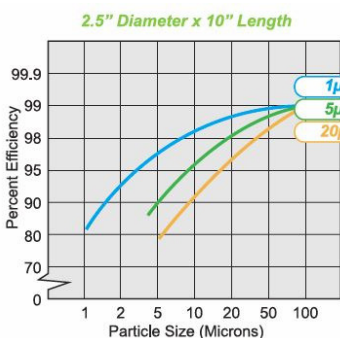
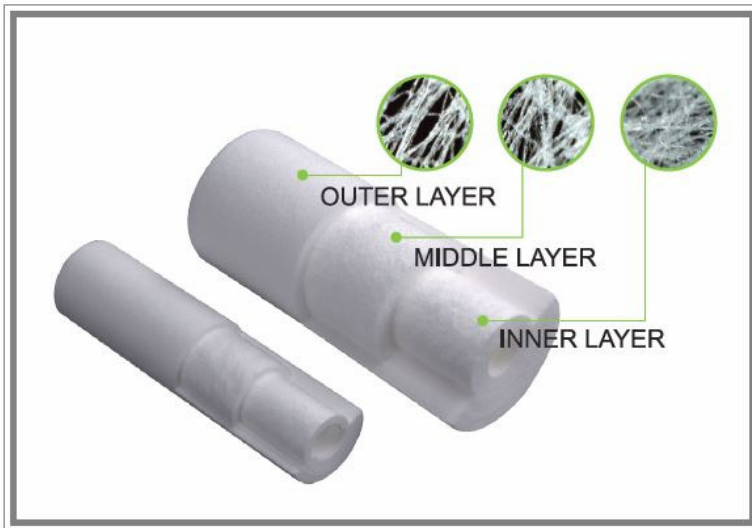
Sediment filters are used as a primary filter to help to remove dirt, rust and sediment deposits, from water to help prevent or slow down the blockage of the secondary carbon filter.

Sediment filters range from less than 1 micron to about 70 microns but the most typically used are 5, 10, 20, 25, 30, 50. They would typically be used in a sequence with the biggest "pore" size or micron size being the first one the water goes through and the smallest the last.

AWC recommends sediment filter made from Polypropylene which is resistant to the growth of bacteria. They typically come in four sizes which are 9", 10" and 20" tall and 2.5" and 4.5" radius. They are typically referred to as either Slim Line or Big Blue.

Features & Benefits

- Three-layers structure cartridge, high contaminant holding capacity, long filter service life.
- 100%PP for compatibility with a wide range of process fluids.
- Micro-Denier melt-blown fiber, high removal ratings.
- Formed by thermal bond without use of any binders and adhesives
- Certificated by NSF42 and FDA CFR Title 21.



Model No.	FPP-LL-WX-ZZZ
Micron Rating	1,3,5,10,25,50,75,100 Micron
Material of Construction	100% melt-blown micron-denier PP fibre
Length	9", 10", 20", 30", 40" (251mm, 254mm, 508mm, 762mm, 1016mm)
Inner Diameter	28mm
Outer Diameter	2.5", 4.5" (63mm, 110mm)



Activated Carbon Block Filter Cartridges

Activated carbon filters are particularly effective at removing pollutants which create unpleasant taste, colour, and odour in water. These fast-acting filters can eliminate or reduce the levels of chlorine by-products, pesticides, herbicides, and other organic and industrial chemicals.

There are two forms of carbon in general use: granular and block. A Granular Carbon filter contains Carbon granules of carbon about the size of coarse sand while carbon block consists of finely powdered carbon compressed into a solid mass. Typically carbon filters are 5 micron but can be different.

To get the best use from any carbon filter, it should be kept free of sediment and heavy organic impurities if these are present in your water. Typically an inexpensive sediment filter used as a "pre filter" would be installed prior to the carbon unit to extend the life of the more expensive carbon cartridge.

Be aware that there are many cheap carbon filters on the market that originate from Asian countries where the carbon has been sourced from coal rather than coconut which give off dangerous carcinogens.

AWC only uses quality carbon sourced from activated coconut shell that has been washed numerous times.

Features & Benefits

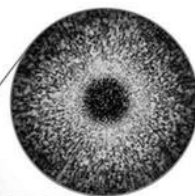
- Quality assured carbon block cartridges
- No carbon fines and superior contaminant capacity.
- Enhanced dirt holding capacity for extended cartridge life.
- Reduces chlorine, bad taste and odour.
- Formed by thermal bond without use of any binders and adhesives
- Certificated by NSF42 and FDA CFR Title 21.



Filtration Process



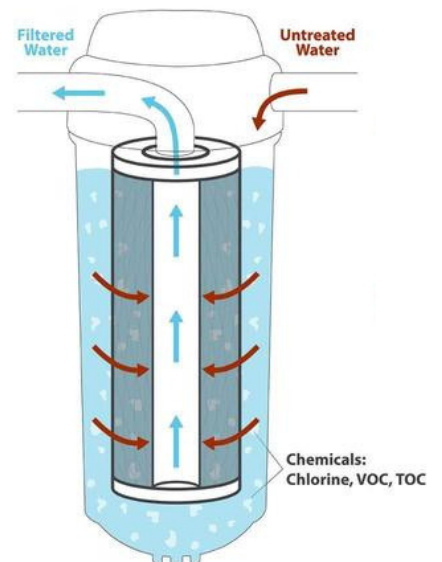
Structure of the Carbon Block Filter



Carbon Block Filter Absorption

Key Specs include a 5 µm micron rating & removal of Chlorine, organics, chemicals, unnatural tastes and odours found in TAP water.

The Carbon Filters are made of fine **COCONUT SHELL** carbon that offers a much finer filtration of suspended particles, chemicals, & dirt.





Alkahydrate Filter Cartridge

Alkalisng & Mineralising Water Filter

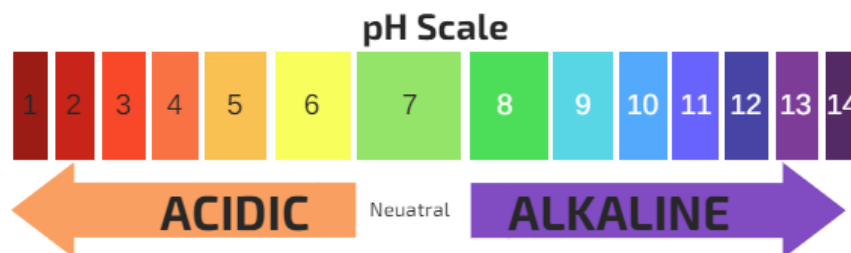


A healthy addition to your Water filter

The Aussie Water Coolers ALKAHYDRATE filter will provide you with enhanced water that is energised & mineralised. It raises the pH levels as well as producing antioxidant & oxygenating qualities. The filter also emits far-infrared rays which result in shorter cluster chains in the water molecules-increasing the bio-available response & oxygen absorption in the body.

Benefits of Drinking Alkalised Water

- **Promotes better hydration:** Alkaline water has smaller molecular content making it easier for the body to absorb. The body can be hydrated more effectively by drinking alkaline water instead of everyday tap water.
- **Alkaline Water is an antioxidant:** Antioxidants help protect our bodies from free radicals that can cause various health problems. by drinking alkaline water you can help protect your body from diseases that can cause serious health issues.
- **Effectively balances the pH levels of the body:** Alkaline water helps by neutralizing the acid levels in the body. Although it works best as a preventive measure, those who already have an illness or disease can still drink alkaline water to speed up or at the very least assist the recovery process
- **Detox the Body:** A primary benefit of drinking alkaline water is its ability to wash away toxins that cause disease and illness. Drinking plenty of water is vital to good health
- **Boost the immune system:** Keeping our bodies in a more alkaline state will boost the immune system. This is a natural effect of neutralizing the free radicals and helping to cleanse the body of toxins.
- **Lose Weight:** Due to today's poor diets that consist of a lot of junk food, our bodies create more fat cells to neutralise the acid. This inevitably results in unwanted weight gain. Alkalised water neutralises the acids in the body removing the need for our bodies to create the extra fat cells. Alkalised water helps in weight loss because fat storage is reduced



Raise pH

The filter uses a series of different medias to effectively raise the pH level of your drinking water. Drinking alkaline water helps our body dissolve acid wastes - therefore making it easier for the body to dispose of them naturally. Since the accumulation of acid wastes is aging, the reduction of acid wastes is anti-aging!









Alkahydrate Filter Cartridge

Alkalising & Mineralising Water Filter

Add Ionic Organic Natural Materials

Introducing natural minerals such as Calcium, Magnesium, Potassium and more. These ionic minerals are absorbed by the body to improve strength and function of body processes.

					
ORP Ceramic Ball	Mineralising Stones	Tourmaline Ceramic Balls	Alkaline Ceramic Balls	Far Infrared Ceramic Balls	Granular Magnesium
Increase pH Anti-bacterium Increase Minerals	Increase pH Increase Minerals	Increase pH Anti-bacterium	Increase pH Anti-bacterium Increase Minerals	Reduce cluster molecule size	Increase pH Increase Magnesium

Lowers ORP

Far-infrared rays emitted by the filter media result in structurally smaller clusters of water molecules, making it easier for your body to absorb meaning you can stay better hydrated. The AlkaHydrate filter significantly increases the negative ORP (Oxygen Reduction Potential) enabling it to decrease the oxidation of substances or cells thus serving as a potent anti-oxidant.

What is ORP?

ORP – Oxidation Reduction Potential - is the ability of water or any other media to oxidise (or more importantly – decrease the oxidation) of another substance or body. For example - air, with a positive ORP will oxidise metal thus causing corrosion or rust. Essentially, any substance that oxidises, disintegrates. Water with a negative ORP has the ability to decrease oxidation hence prolonging the life of a substance or in this case our physiology.

“Just about every condition I can think of, from arthritis to diabetes, to cancer - is associated with acidity.”

-Dr Robert Atkins

Reverse Osmosis System with Alkaline filter



Twin Under Sink with Alkaline filter attached as a third filter

Portable bench top Reverse Osmosis with Alkaline filter

