

UNDERSINK REVERSE OSMOSIS

HWFA 5-Stage Reverse Osmosis System

Ultra high purity drinking water, alkalised and remineralised


Handbuilt in Sydney

With local, USA and UK components


Easy maintenance

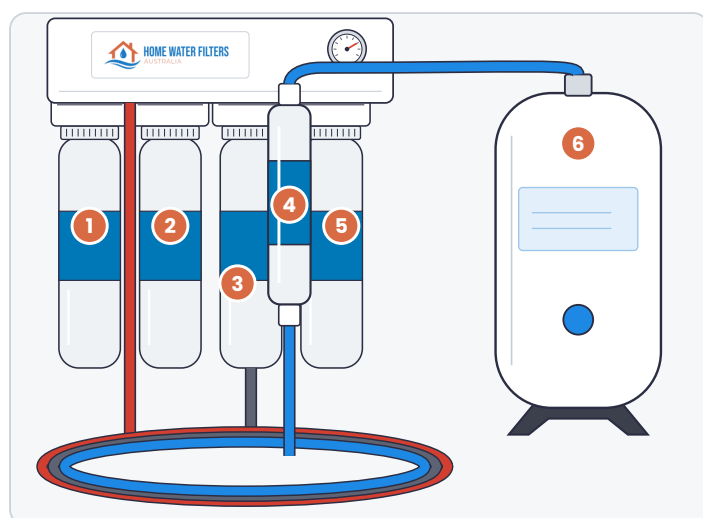
Hygienic twist-off filter cartridges


5 year warranty*

Handbuilt and wet tested before sale

Reverse osmosis. Of all the methods used to purify drinking water at home, reverse osmosis is the most advanced, economical and effective. This compact undersink system removes contaminants such as chlorine, pesticides, fluoride and heavy metals, with approx. 10 litres of pure water ready on demand.

Alkalised, then polished. Stage 4 raises the pH and adds natural minerals such as calcium and magnesium before the water is stored in the tank. As you draw water, a final GAC filter polishes it. Choose the AlkaHydrate or Omnipure Alkaliser cartridge (page 2).

DIAGRAM 1 System overview

Labelled components

- 1 Sediment pre-filter
- 2 GAC pre-filter
- 3 Ultrafine TFC RO membrane
- 4 Alkaliser / remineraliser
- 5 GAC post-filter
- 6 Pure water storage tank


Hygienic twist-off cartridges

Each cartridge twists off its head for quick, clean, mess-free changes.

Specifications

Output	approx. 200 litres per day at 415 kPa (60 PSI), 25 °C
System dimensions	32 x 42 x 11 cm (W x H x D)
Tank dimensions	31.7 x 20.3 cm (H x D)
Tank capacity	approx. 10 litres
Membrane rating	0.0005 micron
WaterMark certificate	No. 23124
Warranty	5 years*

*Warranty terms and conditions apply.

Among the contaminants removed

Reverse osmosis reduces a wide range of contaminants:

Metals	Aluminium, barium, cadmium, chromium, copper, iron, lead, manganese, mercury, radium, selenium
Chemicals & minerals	Chlorine, fluoride, hydrocarbons, nitrate, PCBs, potassium, sodium
Microbes & other	Cryptosporidium, E. coli, Giardia, taste and odour

Five stages of filtration

1 Sediment pre-filter

Mechanical filtration removes fine sediment particles. Made in USA.

2 GAC pre-filter

Removes chlorine, pesticides, heavy metals and other organic pollutants. Made in USA.

3 Ultrafine TFC RO membrane

Mains pressure pushes water through the membrane, which screens to 0.0005 micron. Viruses, bacteria, parasites, heavy metals, fluoride and hydrocarbons go to the drain. Made in USA.

4 AlkaHydrate or Omnipure Alkaliser

Raises the pH and adds natural minerals before the water is stored in the tank. Your choice of cartridge, see below.

5 GAC post-filter

As you draw water, it flows from the tank through this final polishing filter for superb tasting, pure water.

DIAGRAM 2 Stage layout

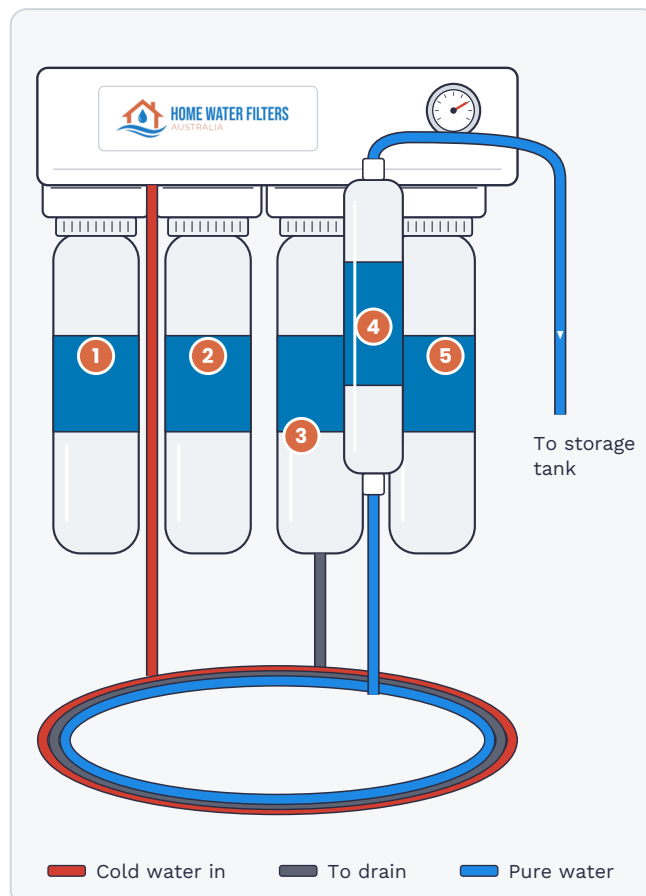
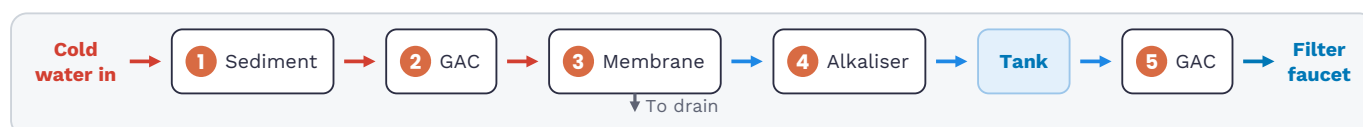


DIAGRAM 3 Water path



About the alkalising filter options

Both stage 4 options are designed to raise the pH and add natural minerals. They differ in the media they use.

	AlkaHydrate	Omnipure WL5550 Alkaliser
Filter media	Mineral and ceramic media: ORP ceramic balls, mineralising stones, tourmaline, alkaline and far infrared ceramic balls, granular magnesium	A blend of calcite, magnesium and granular activated carbon (GAC)
pH and minerals	Raises pH, adds calcium, magnesium, potassium and more	Raises pH, adds calcium and magnesium
Additional	Designed to lower ORP (oxidation reduction potential)	Includes GAC for taste and odour

Need a hand?

07 5221 5538

support@homewaterfilters.com.au

homewaterfilters.com.au