

# Premium Multi-Stage Water Purifier System

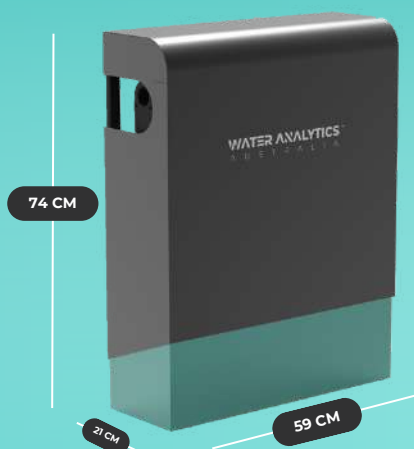
Part 1: FHWR-3S1-20 (left) & Part 2: USRO-3S1-2W (right)

Full Home Water Refining System & Under Sink Reverse Osmosis System



## Dimension of System

**FHWR-3S1-20 (left)**



74cm (H) x 59cm (W) x 21cm (D)

**USRO-3S1-2W**



Filter : 33cm (H) x 10cm (W) x 20cm (D)

Pressure Tank: 34cm (H) x 23cm (W) x 23cm (D)

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# COMPONENTS BREAKDOWN OF THE WAA WHOLE HOUSE WATER FILTRATION SYSTEM

FHWR-3S1-20



## Easy Installation Clip (Cover)

- No screws needed for hassle-free installation
- Simple hold-and-press clip mechanism
- Saves time with no additional tools required
- Eliminates potential risk of rusty screws



## (Optional) Back Cover

- Ideal for ground mounting
- Provides complete protection for the housing system
- Available at a nominal extra cost



## Fully Covered

- Protects all gauges from potential damage
- Dedicated space for filter change tools for easy access and management



## Stainless Steel Cover

- Durable and long-lasting
- Provides UV protection
- Anti-corrosion feature ensures longevity
- Sleek and modern design enhances aesthetics



## Brass Connector

- Heavy-duty design to handle higher water pressures
- More resilient than plastic connectors; won't crack easily
- Anti-corrosion property prevents second-time contamination



## Stainless Steel and Glass Gauge

- Designed for longevity
- Equipped with UV protection and anti-corrosion features



## Double O-Ring

- Expertly designed to prevent leaks
- Offers a dual-layer of safety for enhanced security
- Ensures users are doubly protected against potential malfunctions and water wastage



## Full-sized and Genuine 20 inch \* 4.5 inch Housing

- Double the water contact surface for enhanced performance
- Extends filter lifespan, resulting in cost savings
- Made of food-grade material for safety
- No restrictive fittings, giving customers the freedom to choose filter suppliers

19.5 inch (Filter Part) 20 inch



## Stainless Steel Frame and Housing Enforce Plate

- Built tough to prevent pipe breakage during filter changes
- Offers superior durability compared to plastic-only frames



## Sediment Filter

- Uses advanced 3-layer technology for optimal water flow
- Achieves up to 1-micron filtration accuracy
- Made of food-grade material for enhanced safety



## Heavy Metal Reduction & Taste Improvement Carbon Filter

- Features KDF 55, which effectively reduces heavy metals
- KDF 85 provides anti-bacterial properties
- Contains natural coconut carbon for superior taste and longevity
- Ensures a lifespan of up to 12 months



## Limescale Reduction & Taste Improvement Carbon Filter

- Incorporates limescale reduction media that more efficient than traditional methods
- Lasts up to 12 months
- Contains natural coconut carbon for enhanced taste and extended lifespan



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## COMPONENTS BREAKDOWN OF THE WAA REVERSE OSMOSIS WATER FILTRATION SYSTEM

USRO-3S1-2W (Optional)



Stage 4



PFAs



Fluoride



TDS



Radium



Barium

This RO filter comes standard in our packages and excels in fluoride and PFA removal. It adjusts TDS to deliver RO water via a 2-way faucet, with a 3-way option available. **Ideal for baby formula, CPAP machines, and PFAs risk reduction, etc.**



Stage 5



Taste



Smells



Polishing

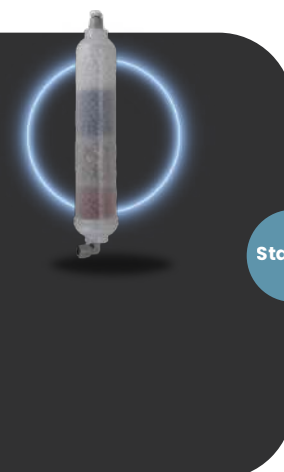


Cooking



Beverages

The T33 post-carbon filter enhances water taste and removes residual odors. It's a standard feature in our packages, offering the final **polish to your water for improved flavor and clarity after RO filter. Ideal for cooking, beverages, and ensuring a pleasant water experience.**



Stage 6

Small Molecular Balls



Effect: Small molecular balls are generally used to improve the molecular structure of water, making it **more easily absorbed by the human body**. They can reduce the size of water molecule clusters, thereby enhancing the solubility and permeability of water.

Maifan Stone



Effect: Maifan stone is a mineral used for mineralizing water. It can add various **beneficial minerals and trace elements like calcium, magnesium, potassium, etc.**, to the water.

Antibacterial Balls



Effect: Antibacterial balls are used to eliminate or **reduce bacteria and microbes in the water again**, providing safer drinking water.

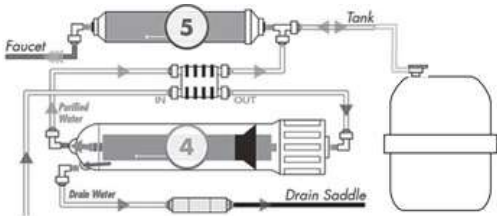


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FILTER PERFORMANCE, SPECIFICATIONS & CHANGE SCHEDULE



Hydrographic Chart:



74cm (H) x 59cm (W) x 21cm (D)

Filter : 33cm (H) x 10cm (W) x 20cm (D) & Pressure Tank: 34cm (H) x 23cm (W) x 23cm (D)

| Filter Change | Stage 1                | Stage 2   | Stage 3   | Stage 4   | Stage 5   | Stage 6   |
|---------------|------------------------|-----------|-----------|-----------|-----------|-----------|
| Max           | Free in every 6 months | 18 Months | 18 Months | 36 Months | 18 Months | 18 Months |
| Recommended   |                        | 12 Months | 12 Months | 24 Months | 12 Months | 12 Months |

Technical Data

| Model              | FHWR-3S1-20                     |                      |                |
|--------------------|---------------------------------|----------------------|----------------|
| Description        | Full Home Water Refining System |                      |                |
| Water pressure     | 0.1-0.6MPa                      | IRON                 | Maximum 0.2ppm |
| Water temperature* | 5°C-35°C                        | TDS                  | <1800 ppm      |
| Total Net Water    | 100,000L                        | Operating Flow Rates | 50-60 L/min    |

| Model             | USRO-3S1-2W                               |                   |                |
|-------------------|-------------------------------------------|-------------------|----------------|
| Description       | Part 2: Under Sink Reverse Osmosis System |                   |                |
| Water pressure    | 0.3-0.7MPa/40-100psi                      | Iron              | Maximum 0.2ppm |
| Water temperature | 5-35°C/40-100a                            | TDS               | <1800 ppm      |
| Fast Flow Rate    | 0.5GPM (1.8L/M)                           | Turbidity         | <5 NTU         |
| Total Net Water   | 2,000L                                    | PH Parameters     | 2-11           |
| Tanks             | 3.0G                                      | RO Specifications | 75GPD          |

3+3 Stage System Performance

- Fluoride - up to 98%
  - Detergents - up to 97%
  - Acetaminophen - up to 97%
  - Propylene Glycol - up to 95%
  - Trichloroethylene - up to 95%
  - Nitrate - up to 97%
  - Herbicides - up to 97%
  - Radium - up to 95%
  - VOCs - up to 98%
  - Ibuprofen - up to 97%
  - Glycerol - up to 95%
  - 1,2-Dichloropropane - up to 95%
  - Nitrite - up to 95%
  - Insecticides - up to 97%
  - Naproxen - up to 97%
  - Phenol - up to 95%
  - cis-1,3-Dichloropropene - up to 95%
  - Lead - up to 98%
  - Phenols - up to 97%
  - Bisphenol A - up to 97%
  - o-Cresol - up to 95%
  - trans-1,3-Dichloropropene - up to 95%
  - Arsenic - up to 98%
  - MTBE - up to 97%
- Estrogen - up to 97%
  - m-Cresol - up to 95%
  - Tetrachloroethylene - up to 95%
  - Iron - up to 98%
  - Perchlorate - up to 96%
  - Nonylphenol - up to 97%
  - p-Cresol - up to 95%
  - Chlorine - up to 99%
  - Sodium - up to 97%
  - Cysts - up to 99%
  - Phthalates - up to 97%
  - Toluene - up to 95%
  - Taste - up to 99%
  - Magnesium - up to 98%
  - Giardia - up to 99%
  - Urea - up to 97%
  - o-Xylene - up to 95%
  - Odor - up to 99%
  - Calcium - up to 98%
  - Cryptosporidium - up to 99%
  - Acetone - up to 96%
  - m-Xylene - up to 95%
  - Propyl Acetate - up to 96%
  - Mercury - up to 97%
- Chloride - up to 98%
  - E. Coli - up to 99.90%
  - Benzene - up to 96%
  - p-Xylene - up to 95%
  - Formaldehyde - up to 95%
  - Chromium VI - up to 98%
  - Cholera - up to 99%
  - Naphthalene - up to 96%
  - Styrene - up to 95%
  - Acetaldehyde - up to 95%
  - Chromium III - up to 97%
  - Typhoid - up to 99%
  - Ethylene Glycol - up to 96%
  - Ethylbenzene - up to 95%
  - Isopropanol - up to 95%
  - Copper - up to 98%
  - Dysentery - up to 99%
  - Ethanol - up to 96%
  - Cumene - up to 95%
  - Vinyl Chloride - up to 95%
  - Selenium - up to 97%
  - Polio - up to 99%
  - Methanol - up to 96%
  - Isoprene - up to 95%
- Epichlorohydrin - up to 95%
  - Barium - up to 95%
  - Hepatitis - up to 99%
  - Butanol - up to 96%
  - 1,3-Butadiene - up to 95%
  - 1,2-Dichloroethane - up to 95%
  - Ethyl Acetate - up to 96%
  - Acetonitrile - up to 95%
  - Methylene Chloride - up to 95%
  - Sulfate - up to 98%
  - THMs - up to 98%
  - Amyl Acetate - up to 96%
  - Acrylonitrile - up to 95%
  - 1,1,1-Trichloroethane - up to 95%
  - Phosphate - up to 98%
  - PAHs - up to 98%
  - Methyl Acetate - up to 96%
  - Allyl Chloride - up to 95%
  - Carbon Tetrachloride - up to 95%
  - Chloroform - up to 95%
  - 1,1,2-Trichloroethane - up to 95%
  - 1,1,2,2-Tetrachloroethane - up to 95%
  - Ammonia - up to 95%
  - PFAS - Up to 95%

\*The figures for contaminant reduction and overall performance provided above are derived from laboratory tests using specific water formulations from multiple sources. Actual performance may vary depending on the initial water conditions and the timing of the filter tests. This chart is intended for reference purposes only.