

Version June 2025

6-Stage Nano-Level Remineralising Undersink Filtration System **USRO-6SI-NT-ELE**

WAA U/S Electric Compact V2 (Tankless) | Independent POU System
(Powered by Multi-Layer Integrated Cartridges – Total 6 Layers)

Designed for modern Australian spaces, this compact powerhouse delivers precision water purification with plug-and-play simplicity, nitrogen-sealed hygiene, minimalist aesthetics, and effortless filter replacement – all without compromising valuable undersink space.



Safer & Cleaner - Nitrogen-Sealed Packaging

Each unit is flushed, sealed, and protected with nitrogen to maintain filter hygiene during storage and transport.



Ultra-Compact Size



Sleek. Smart. Just Over A4 in Size.

WATER ANALYTICS
A U S T R A L I A

27cm (H) x 11.5cm (W) x 34.5cm (D)



Australia's First Leak-Proof Horizontal-Capable Undersink System.

The Undersink Purifier That Makes Your Space Feel Bigger.



Leak-Proof Internal Design



Upright or flat, it just works

Compact yet powerful, this smart filtration system offers flexible installation – even horizontal placement without a single leak.



Bacteriostatic Technology

Built-in anti-bacterial materials help suppress microbial growth inside the system.

Intuitive by Design

- Filter Changes Made Effortless.



No tools, no hassle. Just twist in, twist out a 10-second filter replacement experience that redefines everyday convenience.



10-Second Cartridge Replacement.
No Tools Required.

Smart Filter Life Monitoring System

No more guessing

Users get clear, real-time reminders to maintain water quality.



Equipped with a smart lifecycle tracking system that monitors filter usage and alerts you when it's time for a change — ensuring optimal water quality every day.



New Generation RO Reverse Osmosis

Continuous Efficient Purification

Effectively Filters Up to 200 Types of Harmful Substances



PFAS



Rust



Sediment



Chlorine



Lead



TDS



PFOA



PFOS



Salt



Atrazine



Odor



Matter

Filtration precision reaches 0.0001 microns, effectively filtering up to 200 types of harmful substances such as bacteria, viruses, heavy metals, organic matter, and antibiotics, with a removal rate of up to 99%.

PFAS

Rust

Sediment

Chlorine

TDS

PFOA

Atrazine

PFOS

Matter

0.0001 μ m

Revolutionary 6-Stage Filtration: Purity, Safety, and Hydration Perfected

WATER ANALYTICS
A U S T R A L I A



STAGE 1: HIGH-PRECISION PP MICROFILTRATION TECHNOLOGY REMOVES SEDIMENT, RUST, ALGAE, SILT, AND CLAY

Sediment from soil erosion or organic decomposition can contaminate your water. Our advanced PP microfiltration technology effectively captures dust, dirt, rust, algae, and sand, ensuring crystal-clear water and extending the lifespan of the system.



STAGE 2: HIGH-EFFICIENCY FINE ACTIVATED CARBON MODULE ELIMINATES CHLORINE, ODOURS, AND VOCS

This layer removes chlorine, organic pollutants, and unpleasant odours using high-surface-area coconut shell carbon granules. Experience odour-free water with improved taste, laying a solid foundation for deeper purification.



STAGE 3: HIGH-EFFICIENCY COARSE ACTIVATED CARBON MODULE ELIMINATES AND RESIDUAL ORGANIC MATTER

This layer utilises coarse coconut shell carbon granules to enhance flow dynamics while continuing to absorb chlorine and organic contaminants. It reduces pressure drop, minimises clogging risk, and reinforces filtration stability.



STAGE 4: ADVANCED NANO-LEVEL RO FILTRATION REMOVES UP TO 200 CONTAMINANTS

The advanced RO membrane, with a filtration precision of 0.0001 microns, effectively removes up to 99% of over 200 contaminants. These include PFAS, fluoride, heavy metals such as lead, mercury, and chromium, as well as arsenic, nitrates, total dissolved solids (TDS), bacteria, viruses, and more. This high-performance filtration technology tackles key water safety concerns for Australian households.



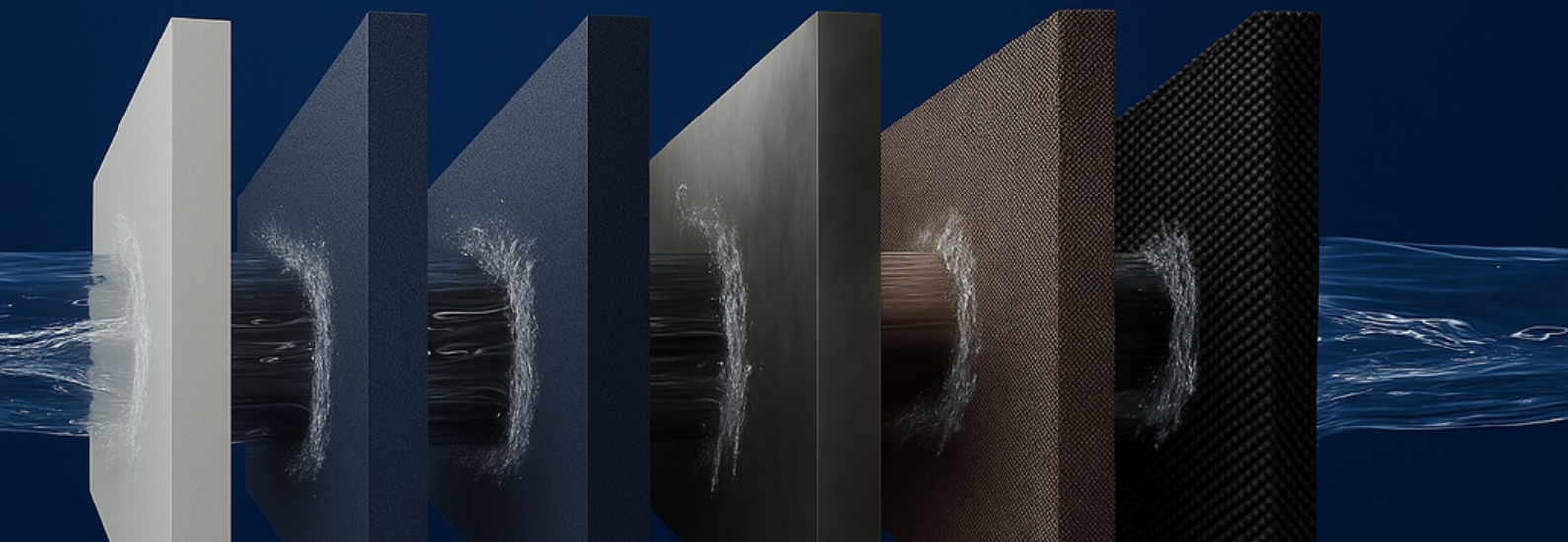
STAGE 5: POLISHING ACTIVATED CARBON POST-FILTER REFINES TASTE AND PURITY

This stage eliminates any residual chemicals and odours, ensuring every sip is clean, crisp, and naturally refreshing. It uses advanced fluid dynamics for a spring-like taste.



STAGE 6: REMINERALIZATION ENHANCEMENT MODULE ADDS ESSENTIAL MINERALS

By reintroducing calcium, magnesium, and other vital minerals, this stage creates healthy, naturally balanced water. The smart control adjusts to water quality, ensuring optimal health benefits.





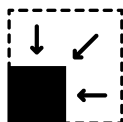
No benchtop drilling required

when paired with
WAA's **3-Way Mixer**
Tap package

Multiple Designs & Colours Available
- Contact WAA for Options.



**Save up to 70% of space compared to
traditional undersink systems with bulky pressure tanks.**

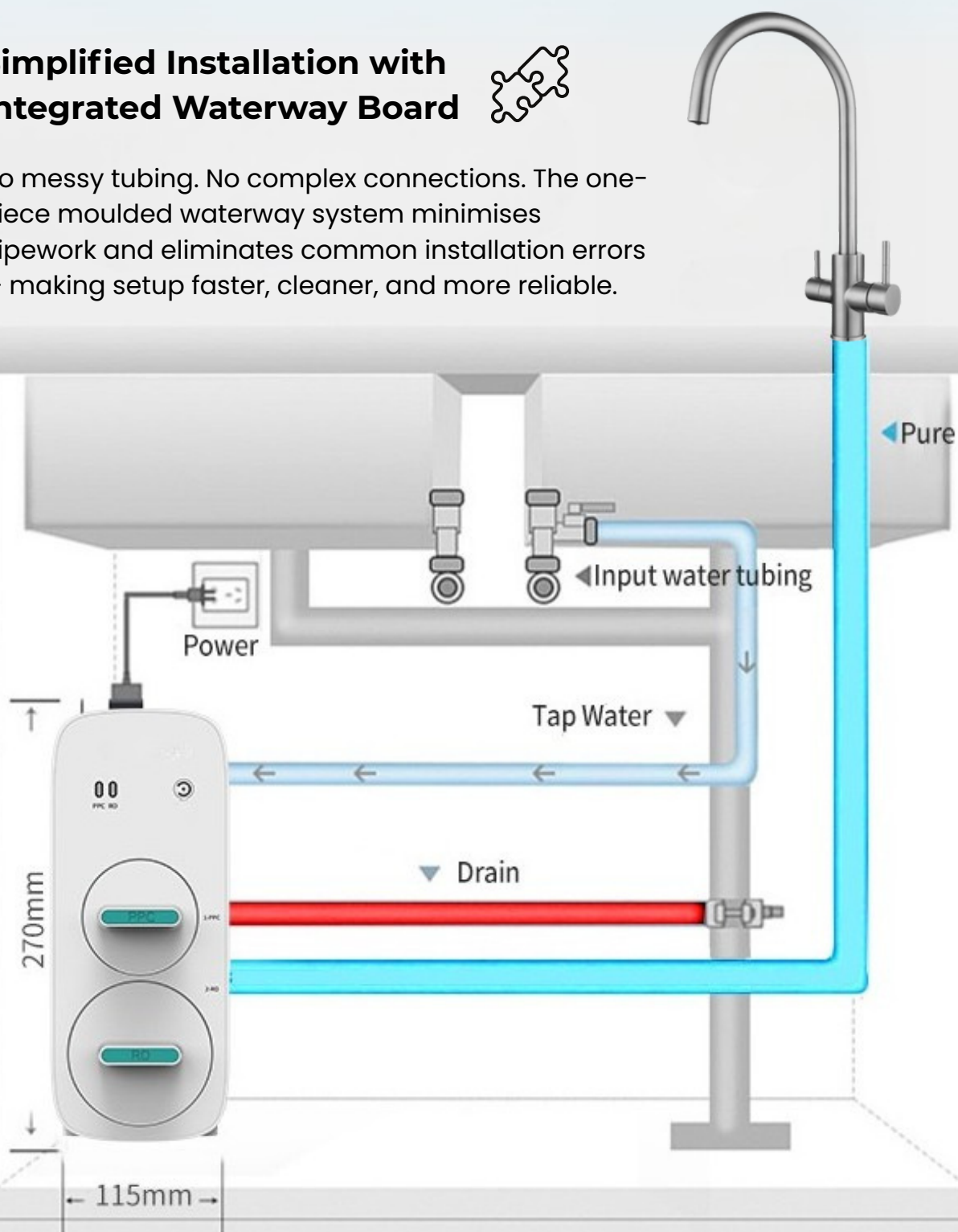


Performs more stably in homes with
low water pressure – no tank, no lag.

Simplified Installation with Integrated Waterway Board



No messy tubing. No complex connections. The one-piece moulded waterway system minimises pipework and eliminates common installation errors – making setup faster, cleaner, and more reliable.



Tool-free filter replacement

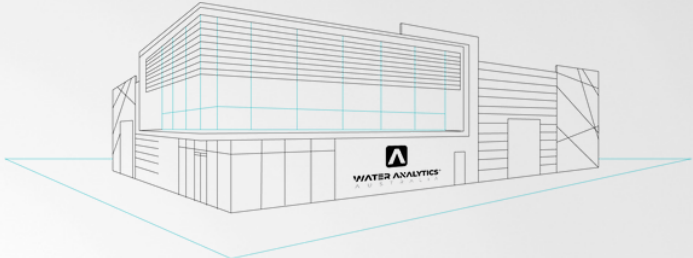
Twist-lock filter change
in 10 seconds



TRUSTED NAME IN THE WATER INDUSTRY

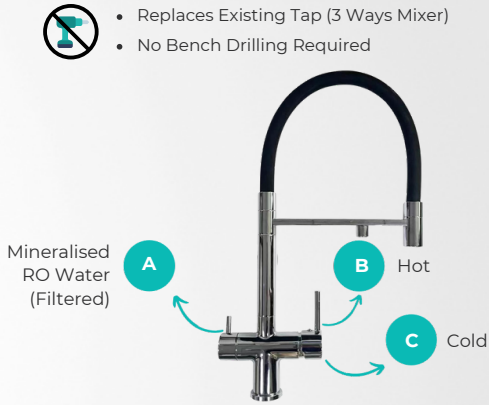
COMPONENTS BREAKDOWN OF WAA U/S ELECTRIC COMPACT V2 (TANKLESS) SYSTEM

Clarity in Every Drop: Nano Scale Filtration



Optional | Drilling required

OR



Optional | No Drilling required

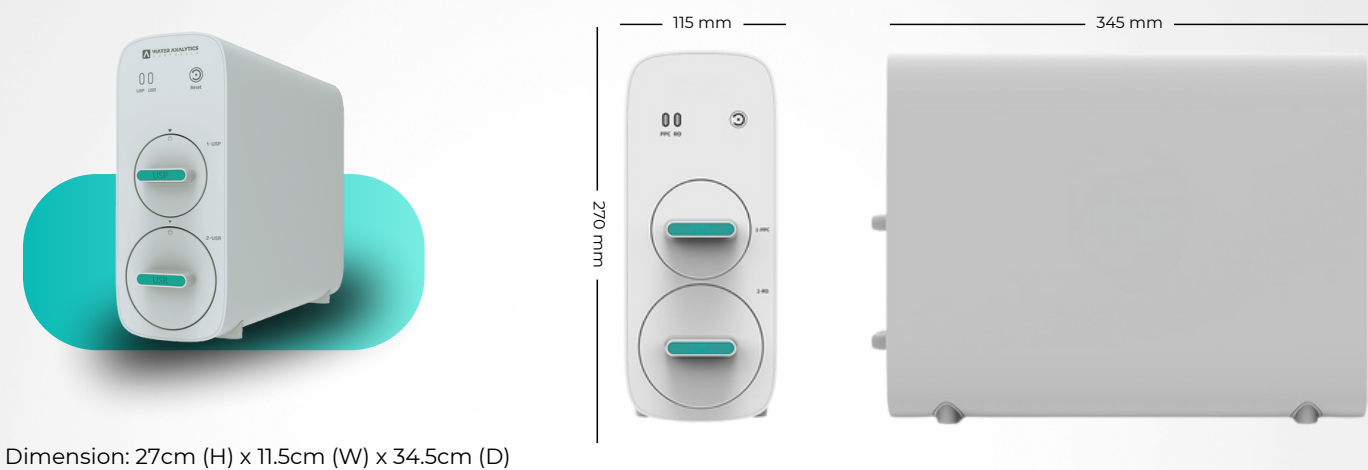
Sediment	Sand	Silt	Rust	Particulates	Bacterial Growth (inhibition)	THMs
Chlorine	Pesticides	Herbicides	VOCs	Odor	Chlorine	Chloramine
PFAs	Fluoride	TDS	Radium	Barium	Bad Taste	Bad Smell

Taste	Smells	Polishing	Cooking	Beverages

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.

TRUSTED NAME IN THE WATER INDUSTRY

FILTER PERFORMANCE, SPECIFICATIONS & CHANGE SCHEDULE



Dimension: 27cm (H) x 11.5cm (W) x 34.5cm (D)

Filter Change Schedule - USRO-6S1-NT-ELE

Filter Change	USP Filter U/S 3IN1 Sediment/Dual Carbon Filter (Electric)	USR Filter U/S 3IN1 RO/Carbon/Mineral Filter (Electric)
Recommended	12 Months	12 Months

Technical Data

Model	USRO-6S1-NT-ELE Packaging Size 450*117*337mm		
Description	WAA U/S Electric Compact V2 (Tankless) Independent POU System		
Max Inlet pressure	0.5 MPa (72 psi)	Iron	Maximum 0.2ppm
Water temperature	41-100 ° F/5 ° c-38 ° c	TDS	<1000 ppm
Max Flow Rate	1.5L/M	Turbidity	<5 NTU
Total Net Water	6,000L	Gross/Net Weight	7.1kg/5.5kg
Rated Power Voltage	72W 220V~50Hz	RO Specifications	600GPD

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.