

Technical Sheet

Reverse Osmosis System (RO)



Advanced filtration for your home.

Experience the peace of mind that comes with superior water quality. Our Reverse Osmosis (RO) system utilizes an advanced membrane to effectively remove contaminants, providing safe, clean, and refreshing drinking water for your household.

Key impurities removed include:

- Inorganic minerals
- Heavy metals
- Bacteria
- Fluoride
- PFAS
- Pesticides
- Herbicides
- Various other harmful contaminants



Our comprehensive 4-stage system is engineered to transform your tap water into premium-quality drinking water by removing impurities and restoring essential balance.

1. Sediment Filter

Think of this as the heavy-duty pre-filter. It catches the "big stuff" like sand, silt, rust, and clay particles that can travel through pipes infrastructure. It keeps your system running smoothly and protects the next filters.

2. Carbon Block

This stage focuses on chemicals. It's designed to remove chlorine, bad odours, and unpleasant tastes.

3. Membrane Filter

This is the heart of the system. Using ultra-fine technology, it pushes water through a microscopic mesh to strip away the nasties that standard filters miss, including fluoride, PFAS, nitrates, heavy metals (like lead and copper), and even bacteria.

4. Re-Mineraliser

Due to how effective the RO membrane is in removing impurities from the water. This final stage adds a balanced blend of essential minerals like calcium and magnesium back into the water. It raises the pH level to alkaline, giving you water that is perfectly balanced.

The Complete Home Filtration Reverse Osmosis system includes a leak detector, which will protect cupboards and flooring in an unfortunate chance of a leak.



Please note: This drinking water system is for potable water supplies only. Do not use this system where water is microbiologically unsafe or with water of unknown quality without adequate disinfection before or after the system. This system must be installed out of direct sunlight. The storage tank can be placed on its side without affecting performance of the system. A drainage outlet is required for this system. System performance may vary according to water conditions. Actual Production / Flow rates vary according to temperature, pressure, TDS levels, membrane variations and customer usage.



RO Dimensions	: Width: 350mm, Height: 450mm
18 Litre Tank Dimensions	: Width: 280mm, Height: 350mm (smaller sizes available)
Certifications	: Watermark
Cartridge Size	: 2.5inch X 10 inch
Weight	: Please contact us for more info
Maximum Operating Pressure	: 100 PSI
Cartridge Types	: Carbon, PP, Membrane, Carbon Polishing / Alkalising
Warranty	: 12 months
Operating Temp	: 4 - 40° C
Max Flow Rate	: 12 Litres per minute
Installation	: Must be installed by a licenced plumber for waste cut in.