

MICRON RO-MR5

5 STAGE UNDERSINK REVERSE OSMOSIS

General Information

The Micron RO-MR5 is the most advanced reverse osmosis system available, featuring 24-hour water quality detection and LSIC-129 microcomputer automation.

It removes up to 99%** of dissolved impurities, including heavy metals, salts, viruses, bacteria, cysts, fluoride, chlorine, PFAS "forever chemicals" (PFOS & PFOA), and other contaminants down to 0.0001 microns. Water then passes through a high-grade Coconut Granular Activated Carbon and Maifan Stone Filter to remineralise and enhance taste. The system alerts you when filters need changing, and its compact design fits easily under your bench. Includes all plumbing fittings and an 18L storage tank for standard installation.

Designed for mains water.



Features and Benefits

- ⚡ This high-performance system achieves the maximum level of chemical and contaminant reduction, down to 0.0001 of a micron*
- ⚡ Features an advanced 5-stage filtration process with premium RO membrane technology
- ⚡ Featuring 24/7 water quality TDS monitoring, auto-flush and automated filter replacement reminders for continuous peace of mind
- ⚡ The RO Membrane filters down to 0.0001 microns*, effectively removing up to 99%** of total dissolved solids (TDS), volatile organic compounds (VOCs), chemicals (ie PFAS), fluoride, chlorine, heavy metals, viruses, bacteria, parasites, lead, pesticides, and herbicides
- ⚡ 5 micron Sediment Pre-Filter protects the Carbon Pre-Filters and RO Membranes by removing sediment particles such as sand, dirt, and rust
- ⚡ The final stage is a Granular Activated Carbon and Mineral Filter combining GAC and Maifan Stone to remineralise and improve taste
- ⚡ High loop, chrome plated dedicated faucet included
- ⚡ All plumbing installation fittings included, no additional parts needed
- ⚡ Compatible with a 3-way mixer for an aesthetic addition to your kitchen
- ⚡ 18L external pressurised storage tank

Reverse Osmosis Systems flush away impurities, producing both pure water and reject water at a typical 1:3 ratio. While waste water is usually drained, it can be repurposed for gardening.

For efficiency and sustainability, the Micron RO system features a built-in shut-off valve that stops water production when the storage tank is full, reducing waste.

Cartridge Replacement and Timeframe Suggestions

MR-05 5 micron PP Sediment Filter cartridge to be replaced every 3 - 6 months.

MR-33 Coconut Shell Granular Activated Carbon Filter (GAC) cartridge to be replaced every 6 months.

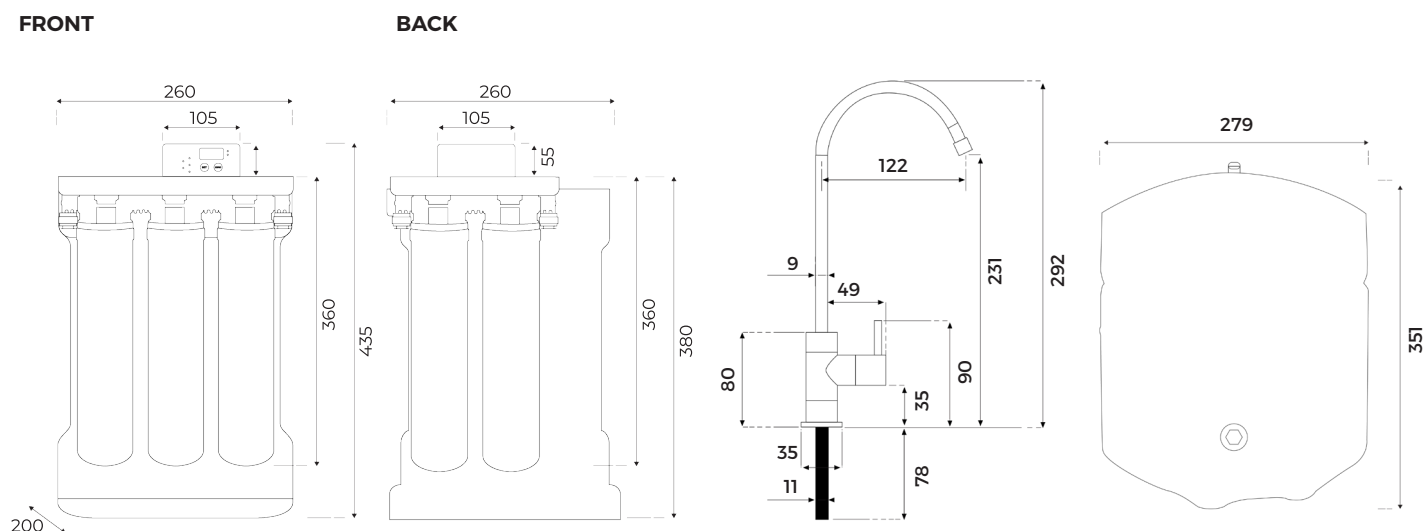
MR-CTO CTO Carbon Block Filter cartridge to be replaced every 6 months.

MR-RO50 RO Membrane Filter to be replaced every 75ppm or every 24 - 36 months.

MR-34M GAC & Mineral Filter cartridge to be replaced every 12 months.

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Measurements in millimetres

RO-MR5 Specifications

Model	RO-MR5
Product Description	5-Stage Reverse Osmosis Undersink System 1st stage: 5 micron PP Sediment Filter (Model: MR-05) 2nd stage: Granular Activated Carbon Filter (Model: MR-33) 3rd stage: Carbon Block Filter (Model: MR-CTO) 4th Stage: RO Membrane Filter (Model: MR-RO50) 5th Stage: GAC & Mineral Filter (Model: MR-34M)
Filtration Capacity	Eliminates up to 99%** of contaminants, including total dissolved solids (TDS), fluoride, chlorine, chemicals (ie PFAS), heavy metals (ie lead), viruses, bacteria, parasites, pesticides, herbicides, sediment, turbidity, odour and bad taste
Flow Rate	0.13L/min
Micron Rating	0.0001 micron*
Min/Max Pressure	100-550 kPa
Min/Max Temperature	4 - 42°C (must not freeze / cold water only)
Connection	Standard Size: 1/4" Quick Connect
Daily Production	190 LPD (1:3 RO/Waste Water Ratio)
Faucet	Chrome Plated High Loop Faucet (12.5 mm hole)
Booster Pump	Yes
Storage Tank	External Pressurised Tank 18L Capacity, 351 mm (H) x 279 (W) NSF Certified
Cartridge Size	10" Quick-Change
Compatible Filter Cartridges	MR Quick-Change Cartridge Series
Dimensions	435 mm (H) x 260 mm (L) x 200 mm (W)
Certification	WaterMark
Warranty	2 years^

^ 2 year warranty covering parts only, excluding cartridges. Use only genuine Micron Water Filters cartridges. Filter replacement timeframes are guidelines only and may vary with water quality and usage.

* Micron rating is nominal.

** Dependent on the quality and characteristics of the water.