



Reverse Osmosis

Reverse osmosis is a water filtration process that removes impurities by forcing water through a semi-permeable membrane, leaving behind contaminants to provide clean, purified water.

Imperial RO

High-Performance, Compact Undersink Water Treatment

Description:

The Imperial Reverse Osmosis System by Sovereign Water Systems delivers advanced water purification with a space-saving design and the latest in reverse osmosis technology. Utilizing the patented FLO system, this compact unit is engineered to provide up to 150 liters of purified water per hour, all within just 10.5 cm of space, making it ideal for undersink or undercounter installations where space is limited.

This system combines innovation with functionality, featuring Wi-Fi connectivity, a TFT screen, and real-time conductivity monitoring to ensure superior performance and convenience for both residential and commercial use. The Imperial RO system also integrates the Smart Drain feature, which intelligently manages water rejection, optimizing efficiency and extending the lifespan of the system's sensitive components.

Key Features:

- **Flow Rate:** Produces up to 150 liters per hour, ensuring a reliable supply of high-quality, filtered water.
- **Compact, Undersink Design:** Measuring just 43 cm x 45 cm x 10.5 cm, this unit fits neatly into tight spaces without sacrificing performance.
- **Advanced Technology:**
- **Wi-Fi Connectivity:** Enables remote monitoring and management of the system, providing control through a user-friendly access point.
- **TFT Display:** Offers real-time information on system status, including conductivity readings and water quality.
- **Smart Drain System:** Automatically adjusts water rejection based on incoming water conditions, ensuring optimal performance and longer membrane life.
- **Membrane Flushing & Anti-Stagnation:** Prevents buildup and extends the operational life of the membranes, maintaining consistent water quality.
- **Flood Detection:** Includes a built-in anti-flood alarm for added protection.
- **Pump Type:** Features a silent internal pump, providing efficient yet quiet operation.



(upto) 150 l/hr

Small to Medium Applications

(upto) 300 l/hr

Medium to Large
Applications



Majestic RO

Compact, Multi-Stage Water Filtration, High Capacity

Description:

The Majestic Reverse Osmosis System by Sovereign Water Systems is a cutting-edge water treatment solution designed for medium to large commercial F&B applications. Featuring an advanced multi-stage filtration process, this system delivers high-quality, purified water essential for food and beverage operations.

With the ability to produce up to 300 liters of clean water per hour, the Majestic system is compact yet powerful, ensuring reliable water filtration for high-demand environments. Equipped with an LCD display for real-time monitoring and automated filter change alerts, the Majestic Reverse Osmosis System offers the perfect balance of performance and convenience, making it an ideal choice for commercial kitchens, restaurants, and beverage operations.

Key Features:

- **High Flow Rate:** Delivers up to 300 liters of purified water per hour, ensuring a steady and reliable supply of water for high-volume F&B applications.
- **Multi-Stage Filtration:** Filters down to 0.1 μm , effectively removing impurities to provide clean, crystal-clear water that meets commercial standards.
- **LCD Screen:** User-friendly display for real-time system monitoring, alerts, and water quality data.
- **Filter Change Alarms:** Automated alerts notify staff when it's time to replace filters, based on time and water usage, minimizing downtime.
- **Flood Protection:** Integrated flood alarm and flooding block provide enhanced safety, protecting against water damage.
- **Compact Design:** Despite its high capacity, the unit has a compact footprint of 43 cm x 45 cm x 10.5 cm, perfect for installations where space is limited but performance is critical.

