



Reverse Osmosis & Ultrafiltration



RO & UF Membranes

Reverse osmosis (RO) uses a semi-permeable membrane to remove up to 99.9% of dissolved solids, heavy metals, bacteria, and viruses, producing highly purified water. Ultrafiltration (UF) uses a hollow-fiber or flat sheet membrane to filter out bacteria, some viruses, and suspended organic matter. UF is often used as pre-treatment for RO or where slightly lower purity is acceptable.

Our Services



Parts and Consumables

- Pre and Post treatment chemicals
- Cleaning chemicals
- Instrumentation and Sensors
- High Pressure Pumps
- Low Pressure Pumps
- Pre-screening
- RO and UF membranes
- Membrane housings



Routine Maintenance

- Calibration of instrumentation & Sensors
- Replacement of electrical and mechanical equipment.
- Chemical dosing pump servicing and repair
- Process optimisation



Other Services

- Enhanced chemical cleans on RO and UF membranes
- System performance review
- Upgrades for increased volume or greater water quality
- Retrofit of alternative membranes for redundant manufactures
- Membrane replacement for RO, Hollow-fibre, Hollow-tube and Flat membrane systems
- Operations Personnel for manned requirements
- Training Sessions and Refreshers

Call us for appointment and consultation (02) 8582 7081

