

WRO

REVERSE OSMOSIS WATER FILTRATION STATION



WRO2000 to 8000



Buffer tank



WRO750 & 1500

WRO Series commercial reverse osmosis station deliver on performance, quality and effectiveness. These RO stations come equipped with many standard features, including: extra low energy and high rejection membranes, 300 PSI rated fibreglass membrane housings for increased durability, 5-micron sediment and carbon pre-filter, flow meters and pressure gauges. Our advanced WRO controller delivers all the standard operational requirements. Its easy to-read screen and alarms make it ideal for improved notifications and monitoring, it is including the following features: Permeate TDS monitoring and alarm, Low-pressure monitoring and alarm, Run-time monitor and pre-treatment lock out, Low-pressure switch with auto restart, High-pressure switch for pressurized tanks, Optional permeate flush for extended RO membrane life, Optional wiring for tank level control input for float switch

TECHNICAL DATA

| | | Model | WRO100 | WRO200 | WRO350 | WRO750 | WRO1500 | WRO2000 | WRO4000 | WRO6000 | WRO8000 |
|-------------------------------|---------------------|-------------|-------------|-------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|-------------|
| Design | Config. | Single pass | Single pass | Single pass | Single pass | Single pass | Single pass | Single pass | Single pass | Single pass | Single pass |
| | Feedwater max TDS | 2,000ppm | 2,000ppm | 2,000ppm | 1,000ppm | 1,000ppm | 2,000ppm | 2,000ppm | 2,000ppm | 2,000ppm | 2,000ppm |
| | Standard recovery | 35% | 38% | 40% | 38% | 65% | 32% | 48% | 52% | 65% | |
| Flow rates l/h | Permeate Pure water | 15.8 | 31.6 | 54.7 | 118.5 | 237.1 | 316.9 | 633.8 | 948.4 | 1267.7 | |
| | Min. Concentrate | 57.0 | 95.0 | 95.0 | 378.0 | 378.0 | 682.0 | 682.0 | 682.0 | 682.0 | |
| RO membrane | Qty | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 3 | 4 | |
| | Size | B401 | B401 | 3012 | 3018 | 3018 | 4040 | 4040 | 4040 | 4040 | |
| | Nom.TDS reject | 95% | 95% | 98% | 98% | 98% | 98.5% | 98.5% | 98.5% | 98.5% | |
| Pump | Pump type | None | None | None | Rotary vane | Rotary vane | Multi-stage | Multi-stage | Multi-stage | Multi-stage | |
| | Motor HP | / | / | / | 1/3 | 1/2 | 1.5 | 1.5 | 2 | 2 | |
| | RPM | / | / | / | 1725 | 1725 | 3480 | 3480 | 3480 | 3480 | |
| Volt., Ph, Current | | / | / | / | 230Vac, 1ph 3.4A | 230Vac, 1ph 4.3A | 230Vac, 1ph 8.5A | 230Vac, 1ph 8.5A | 230Vac, 1ph 11.0A | 230Vac, 1ph 11.0A | |
| Overall dimensions WxDxH (cm) | | 45x30x82 | 45x30x82 | 30x43x81 | 43x33x86 | 43x33x86 | 63x41x140 | 63x41x140 | 81x61x140 | 81x61x140 | |

All of the WRO station models are including a buffer tank or clean water storage tank & water delivery pump.