

# 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
	Feedwater	2,000ppm	2,000ppm	2,000ppm	1,000ppm	1,000ppm	2,000ppm	2,000ppm	2,000ppm	2,000ppm
	Standard	35%	38%	40%	38%	65%	32%	48%	52%	65%
Flow rates (gph) [lph]	Permeate	4.2gph [15.8]	8.3gph [31.6]	14.4gph [54.7]	31.2gph [118.5]	62.4gph [237.1]	83.4gph [316.9]	166.8gph [633.8]	249.6gph [948.4]	333.6gph [1267.6]
	Min. Con-	15gph [57]	25gph [95]	25gph [95]	99gph [378]	99gph [378]	180gph [684]	180gph [684]	180gph [684]	180gph [684]
RO membrane	Qty	1	2	1	1	1	1	2	3	4
	Size	B401	B401	3012	3018	3018	4040	4040	4040	4040
	Nom.TDS	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		/	/	/	120Vac, 1ph 6.6A	120Vac, 1ph 8.2A	220Vac, 1ph 8.5A	220Vac, 1ph 8.5A	220Vac, 1ph 11.0A	220Vac, 1ph 11.0A
Overall dimensions WxDxH (in) [cm]		18x12x33 [45x30x82]	18x12x33 [45x30x82]	12x17x32 [30x43x81]	17x13x34 [43x33x86]	17x13x34 [43x33x86]	25x16x55 [63x41x140]	25x16x55 [63x41x140]	32x24x55 [81x61x140]	32x24x55 [81x61x140]

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