

# AVRO3000BW & AVRO6000BW

**Ideal for Laboratories, Hospitals and Industry where reliable water purity is important**



AVRO3000GBWRO model shown

- High Quality – Low cost**
- Short lead time – Australian stock**
- High quality components**
- Australian stocked spare parts**
- Designed for ease of use & service**



<b>AVRO3000BWRO</b>	<b>AVRO6000BWRO</b>
500 litres per hour	1000 litres per hour
2 x 4040 membrane housings	4 x 4040 membrane housings
20" x 2.5" pre-filter housing	20" x 4.5" pre-filter housing
304 stainless frame, pump, membrane housing – option - 316 available – FRP housings	304 stainless frame, pump, membrane housing – option - 316 available – FRP housings
Schedule 80 uPVC pipe	Schedule 80 uPVC pipe
AVRO controller & conductivity meter	AVRO controller & conductivity meter
240 VAC supply	240 VAC supply
Main Isolation switch – interlock on door	Main Isolation switch – interlock on door
Barrel unions pre and post components	Barrel unions pre and post components
Adjustable levelling feet	Adjustable levelling feet
Quality needle valves	Quality needle valves
Float level control option standard	Float level control option standard
Manual override switches in control panel	Manual override switches in control panel
Low pressure feed safety switch	Low pressure feed safety switch
RO Flush	RO Flush
Recovery adjustable	Recovery adjustable
	Recirculation option standard
	CIP connections

Technical specifications

	<b>AVRO3000GBWRO</b>	<b>AVRO6000GBWRO</b>
Dimensions	710mm(W)*600mm(D)*1640mm(H)	920mm(W)*850mm(D)*1640mm(H)
Plumbing connections	3/4" water inlet, 1/2" water outlet	1" water inlet, 3/4" water outlet
KW	1.5KW	1.5KW
Voltage	240VAC	240VAC
Solenoid Valve voltage	24VDC	24VDC
Feed Flow	Available to unit flow 1.5 – 1.8m <sup>3</sup> , 3bar	Available to unit flow 2m <sup>3</sup> , 3bar
Frame	stainless steel	stainless steel
Pipework	Schedule 80 uPVC	Schedule 80 uPVC
Conductivity monitoring	Feed Water and Permeate	Feed Water and Permeate
Conductivity alarm	Adjustable	Adjustable
Pre-treatment	Interface to pause RO during filter backwash or regeneration	Interface to pause RO during filter backwash or regeneration
Auto Rinse	On start up and shut down – timer adjustable	On start up and shutdown– timer adjustable
Alarms/notifications	Low feed pressure Low feed tank High permeate conductivity Full permeate tank	Low feed pressure Low feed tank High permeate conductivity Full permeate tank
Auto control	Float switch connections for treated water and feed tanks	Float switch connections for treated water and feed tanks
Pre filter	20" x 2.5" included	20" x 4" included

RO units require treated water and drain lines to open to atmosphere with no back pressure

**Suitable for TDS up to 2,000ppm feed – for higher TDS please contact us and advise the feed water conductivity and profile**

Prefiltration options available and tailored to your feed water

Larger models available to meet multiple feed water applications

Custom options available to meet your requirement