

AVRO9000BW & AVRO12000BW

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



AVRO12000BWRO model shown

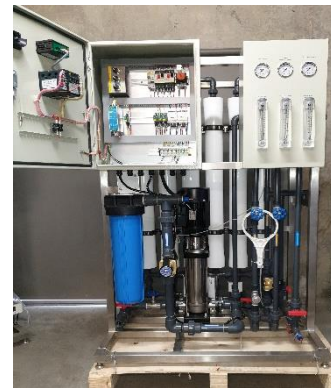
High Quality – Low cost

Short lead time – Australian stock

High quality components

Australian stocked spare parts

Australian Designed for reliability, ease of use & service



AVRO9000BWRO showing electrical

AVRO9000BWRO	AVRO12000BWRO
1,500 litres per hour of treated water	2000 litres per hour of treated water
6 x 4040 membrane housings	4 x 2 4040 membrane housings
20" x 4.5" pre-filter housing	20" x 2.5" 5 filter SS cluster housing
stainless frame, 316 pump, FRP membrane housing	stainless frame, 316 pump, FRP membrane housing
Schedule 80 uPVC pipe	Schedule 80 uPVC pipe
AVRO controller & conductivity meter	AVRO controller & conductivity meter
240 VAC supply	380/415VAC 3 phase
Main Isolation switch – interlock on door	Main Isolation switch – interlock on door
Barrel unions pre and post most components	Barrel unions pre and post most 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	Recirculation option standard
CIP connections	CIP connections

Technical specifications

	AVRO9000BWRO	AVRO12000BWRO
Dimensions	1,100mm(W)*800mm(D)*1640mm(H)	2,500mm(W)*660mm(D)*1640mm(H)
Plumbing connections	1-1/4" water inlet, 3/4" water outlet	1" water inlet, 1" permeate, 3/4" concentrate outlet
KW	2.2KW HP Pump	3KW HP Pump
Feed pump contactor*	2.2KW	3KW
Voltage	240VAC	380/415VAC 3 phase
Solenoid Valve voltage	24VDC	24VDC
Electrical components	Quality products such as Schneider	Quality products such as Schneider
Feed Flow	Available to unit flow 3m ³ , 3bar	Available to unit flow 4m ³ , 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		

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

*feed pump supplied as option

Specifications may be changed without notice