

## AMIAD PACKAGED RO SYSTEMS

### An economical way to obtain pure water

Scarcity of good quality water has increased the dependence on finding ways of treating water be recycling of waste or underground water. This water is unsuitable for human consumption or industrial and irrigation usage without first treating it properly. Reverse Osmosis, a membrane technology produces water suitable for these applications.

Reverse Osmosis membrane technology produces water with low salinity and free of particulate, colloidal and organic matter.



### Features

- Compact unit made out of the best materials
- Efficiently removes up to 95% of dissolved salts.
- Range of models with 250 l/h to 2000 l/h
- Built in safety for high pressure pump and membranes
- Capable of handling TDS up to 12000ppm.
- Fully assembled and tested at the factory.
- Online Treated water quality

### Advantages

- The most economical & efficient method of dissolved solids removal
- Easy to install and start up
- Very compact foot print
- Fully assembled and tested
- Backed up by efficient after sales service and spares availability

### Applications

- Potable water for small communities, hotels and resorts
- Desalinating recycled water
- Water for irrigation
- Industrial process water
- High purity water applications

## Technical Specifications

	A RO6	A RO12	A RO24	A RO48
Average Product flow rate (l/h)	250	500	1000	2000
Average Recovery (%)	35%-50%	50%-75%	50%-75%	50%-75%
Max. Permissible feed TDS (ppm)	7000	7000	7000	7000
Average TDS Removal (%)	Between 90-95			
Minimum feed pressure required at pump inlet (Kg/cm <sup>2</sup> )	Not less than 1.0			

SDI in feed water assumed is 5.0 max.

Feed water may need to be passed through pre-treatment. Consult Amiad representative. We can also offer systems for different flow rates. Please consult our representative.



To the best of our knowledge the information contained in this publication is accurate. Amiad Australia Pty Ltd. maintains a policy of continuous development and reserves the right to amend the information given herein without notice. Please contact our local representative for current product specifications.

**Victoria Melbourne**  
 ph 03 9358 5800  
 fax 03 9358 5888

**NSW Sydney**  
 ph 02 9686 7299  
 fax 02 9686 7653

**Queensland Brisbane**  
 ph 07 3279 4700  
 fax 07 3279 4030

**Western Australia Perth**  
 ph 08 9309 3588  
 fax 08 9309 2844

**SA/NT Adelaide**  
 ph 08 8272 3000  
 fax 08 8272 3200