## Performance

<table>
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<tr>
<th>Model</th>
<th>Day Time</th>
<th>Night Time</th>
<th>Total</th>
<th>Flow</th>
<th>Rate</th>
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## Specifications

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<tr>
<th>Model</th>
<th>Feed Pump</th>
<th>RO Pump</th>
<th>Inlet Size</th>
<th>Product Size</th>
<th>Reject Size</th>
<th>Weight</th>
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<td>3</td>
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<td>CONTAINER</td>
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</tbody>
</table>

* Daily production vary accordingly with sun radiation
** Optional with the transfer switch option
*** Based on 340w 72Cells monocristal Solar Panel
**** Containerized option available for all

# Based on TDS<1000 @ 25C - Consult with us if higher TDS is required.

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Global provider of custom skid-mounted water purification equipment.

Solar Reverse Osmosis Systems
For Brackish Water
Skid and Containerized
fresh water technology at work for you

advanced equipment and services is a global provider of custom skid-mounted solar brackish water reverse osmosis systems that includes many standard features which make them suitable for the most demanding applications.

the steady growth and continuous success of the company is premised on innovative designs and quality without compromise. our systems give you the reliability, durability and performance you expect. we always incorporate the most advance and reliable components to ensure you achieve the lowest operating cost during the whole system life.

flexible solutions for your business needs

standard features

- duplex ss - high pressure pipe lines
- pvc sch 80 - low pressure pipe lines.
- powder coated frames.
- px as energy recovery device.
- thin film composite membranes.
- frp pressure vessels.
- flush and cleaning pump.
- plc control.
- danfoss - energy efficient pump.
- product tos meter.
- low & high pressure protection.
- permeate & concentrate flowmeters.
- low membrane flux < 10 gfd

advanced ancillary equipment

we know that you are looking for comprehensive solutions where the reverse osmosis system is just one component in the puzzle. for this reason we offer a complete line of ancillary equipment such as:

- feed pumps
- feed pump skids controlled by roc plc.
- multimedia filters with manual or automatic operation.
- chemical feed systems.
- UV sanitizers.
- ozone systems.
- Permeate pump skids.
- reject injection pumps.
- CIP – cleaning in place systems

training and services

we provide a complete line of services that includes but not limited to commissioning, start-up support, operators training, trouble shooting training, modernization for old reverse osmosis systems and retrofits to achieve optimum performance.

our standard model size range

- 45,000 to 288,000 gpd

SBWRO – land base: PX benefits

- lower power consumption
- well proved components available worldwide
- heavy duty materials
- easy to operate and maintain systems
- 100% automatic operation
- Design for continuous operation
- Low chemical consumption

optional features

our standard units are design with very robust components but we understand that some customers have different needs for this reason. we can offer the following optional components:

- centrifugal or reciprocating pumps
- choke valve to replace energy recover unit.
- explosion proof systems for class I div II areas.
- data acquisition and logging systems.
- Special instrumentation.
- Diesel drives systems.
- remote control.
- Remote monitoring.

Typical applications

- remote islands.
- Municipal
- Beverage and Bottling
- Hotels and Resorts
- Industrial
- Irrigation

Custom solutions

If you don’t find what you are looking for your desalination project, please feel free to send us specifications; we can build it with the reliability, durability and performance you need. We provide comprehensive solutions to water problems not just hardware.

WEB SOLUTIONS

Check us at www.advancedes.com for the latest updates regarding new developments in the water desalination world and other related and important information.

Contact us:

For easy and fast response, please send all your inquiry to sales@advancedes.com and shortly after one of our personnel will be in contact to discuss and answer your needs.