## PERFORMANCE

<table>
<thead>
<tr>
<th>MODEL</th>
<th>PERMEATE- DAY TIME</th>
<th>PERMEATE- NIGHT TIME</th>
<th>PERMEATE TOTAL</th>
<th>FEED FLOW</th>
<th>RECOVERY RATE</th>
<th>SOLAR PANELS</th>
<th>AC VOLTAGE</th>
<th>DC VOLTAGE</th>
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<tbody>
<tr>
<td>SSW-4.8</td>
<td>1584 GPD</td>
<td>3216 GPD</td>
<td>4800 GPD</td>
<td>10.10</td>
<td>33 %</td>
<td>10</td>
<td>220 V</td>
<td>380 V</td>
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<tr>
<td>SSW-6.9</td>
<td>2277 GPD</td>
<td>4623 GPD</td>
<td>6900 GPD</td>
<td>14.52</td>
<td>33 %</td>
<td>20</td>
<td>220 V/380/460</td>
<td>760 V</td>
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<td>SSW-9.9</td>
<td>3267 GPD</td>
<td>6653 GPD</td>
<td>9900 GPD</td>
<td>20.83</td>
<td>33 %</td>
<td>40</td>
<td>220 V/380/460</td>
<td>760 V</td>
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<tr>
<td>SSW-30</td>
<td>9000 GPD</td>
<td>20100 GPD</td>
<td>30000 GPD</td>
<td>63.13</td>
<td>45 %</td>
<td>60</td>
<td>220 V/380/460</td>
<td>760 V</td>
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<tr>
<td>SSW-39</td>
<td>12870 GPD</td>
<td>26130 GPD</td>
<td>39000 GPD</td>
<td>82.07</td>
<td>45 %</td>
<td>80</td>
<td>220 V/380/460</td>
<td>760 V</td>
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<tr>
<td>SSW-45</td>
<td>14850 GPD</td>
<td>30150 GPD</td>
<td>45000 GPD</td>
<td>94.70</td>
<td>45 %</td>
<td>100</td>
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<td>760 V</td>
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<tr>
<td>SSW-66</td>
<td>21780 GPD</td>
<td>44220 GPD</td>
<td>66000 GPD</td>
<td>118.89</td>
<td>45 %</td>
<td>120</td>
<td>220 V/380/460</td>
<td>760 V</td>
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## SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>FEED PUMP POWER</th>
<th>RO PUMP POWER</th>
<th>BOOSTER PUMP POWER</th>
<th>INLET SIZE</th>
<th>PRODUCT SIZE</th>
<th>REJECT SIZE</th>
<th>WEIGHT</th>
<th>****</th>
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<td>HP</td>
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<td>CONTAINER</td>
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<tr>
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<td>3.00</td>
<td>2</td>
<td>15500</td>
<td>CONTAINER</td>
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</table>

* Daily production vary accordingly with sun radiation
*** Based on 340w 72Cells monocrystal Solar Panel
** Optional with the transfer switch option
**** Containerized option available for all Specifications based on TDS<36000 @ 25C - Consult with Advanced if higher TDS is required.
Fresh water from Sea

TECHNOLOGY AT WORK FOR YOU

Advanced Equipment and Services is a global provider of custom skid-mounted solar seawater desalination 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 advanced and reliable components to ensure you achieve the lowest operating cost during the whole system life.

flexible solutions for your business needs

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 RO plc.
- Multimedia filters with manual or automatic operation.
- Chemical feed systems.
- UV sterilizers.
- 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

- 4,000 to 66,000 GPD

SSWRO – SOLAR BASE- BENEFITS

- 40 – 50 % Lower power consumption
- Pressure exchanger as energy recovery device
- Well proved components available worldwide
- Heavy duty materials
- Easy to operate and maintain systems
- 100% automatic operation
- Design for continuous operation
- Low chemical consumption
- No batteries required

WEB SOLUTIONS

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

CONTACT US:

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

SOLUTIONS

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

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 TDS METER.
- LOW & HIGH PRESSURE PROTECTION.
- PERMEATE & CONCENTRATE FLOWMETERS.
- LOW MEMBRANE FLUX < 10 GPD

ADVANCED EQUIPMENT AND SERVICES PROVIDES THE BEST RETURNS YOUR INVESTMENT. 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

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.

ADVANCED EQUIPMENT AND SERVICES PROVIDES THE BEST

returns your investment.