a fresh approach to desalination

www.rainmandesal.com
Rainman watermakers are a compact and portable solution designed to generate a fresh water supply from salt or brackish water. Our system consists of a Pressure Supply Unit (PSU) which pressurises the source water, and a Reverse Osmosis Unit, which desalinates the water with a membrane, removing impurities and creating fresh potable water. The optional Rainman flow gauge allows our system to be used in brackish or fresh water applications.

Built to last
We use only top quality components from the best manufacturers: Honda, DOW FILMTEC, General Pump, Jabsco. Our filters, membranes and replacement parts are non-proprietary for ease of service worldwide.

Versatile
Our system can easily be transferred between boats or used in remote land based locations. You can even use Rainman as a salt water pressure washer with our optional pressure gun attachment.
Although the Rainman watermaker was originally designed as a portable system not requiring installation, many of our customers choose to partially or fully install the system in their boat.
The Rainman Pressure Supply Unit (PSU) is available with a Honda petrol (gasoline) engine, or multiple electric options. Two AC options operate at either 230V/50Hz or 115V/60Hz, and a lower power 12VDC version.

Petrol Pressure Supply Unit
Our original petrol (gasoline) version of the pressure supply unit, perfect for those who want a completely self-contained watermaker without reliance on electricity of any type.

Electric Pressure Supply Unit
AC: 230V/50Hz or 115V/60HZ electric Pressure Supply Unit is optimised to run from a Honda 2kW generator or larger. DC: Our 12VDC system operates at lower power and lower output and is ideal for running from solar / battery power.
Reverse Osmosis

Our Reverse Osmosis systems utilise DOW FILMTEC membranes and couples with a Rainman Pressure Supply Unit.

High Output Reverse Osmosis Case
Two 40" reverse osmosis membranes.

Compact Reverse Osmosis Case
Two 21" reverse osmosis membranes.

Economy Reverse Osmosis Unit
Single 40" reverse osmosis membrane.

<table>
<thead>
<tr>
<th>PSU Type</th>
<th>Energy Used</th>
<th>High Output</th>
<th>Compact</th>
<th>Economy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petrol (Gas)</td>
<td>1 hour 700ml 0.18 Gal</td>
<td>100 - 140 lph 26 - 37 gph</td>
<td>50 - 70 lph 13 - 18 gph</td>
<td>50 - 70 lph 13 - 18 gph</td>
</tr>
<tr>
<td>1250 Watts</td>
<td></td>
<td>100 - 140 lph 26 - 37 gph</td>
<td>50 - 70 lph 13 - 18 gph</td>
<td>50 - 70 lph 13 - 18 gph</td>
</tr>
<tr>
<td>12VDC</td>
<td></td>
<td></td>
<td>Not Compatible</td>
<td>26 - 34 lph 7 - 9 gph</td>
</tr>
</tbody>
</table>
The Rainman Advantage

Our simple and robust system is designed for ease of use and low maintenance. This fresh approach to desalination eliminates unnecessary componentry and electronics. Not only will the initial cost of a Rainman watermaker be lower than other systems, but the simple design and high build quality reduces ongoing maintenance costs.

**Flexibility** - choose to install your system or run it portable, allowing you to reduce weight while not cruising.

**Reliability** - using simple pumps and no electronics maximises the uptime of your watermaker.

**Lower life cycle cost** - not only will the initial price be lower, but ongoing maintenance cost is minimised.

**High output** - up to 140 litres per hour (37 gph).

**Investment retention** - keep your watermaker when you change boats.

rainman watermakers

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