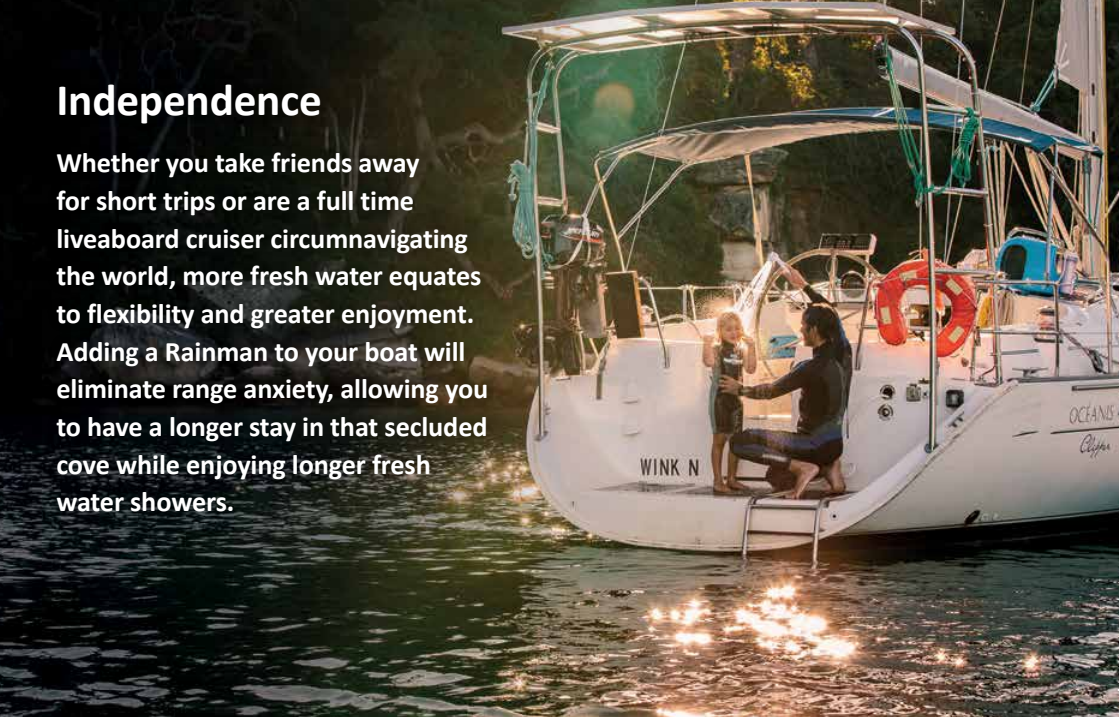
rainman

INSTALLED AND PORTABLE WATERMAKERS

Fully installed systems also available

Water, water, everywhere

PETROL (GASOLINE)	AC ELECTRIC	12VDC



Independence

Whether you take friends away for short trips or are a full time liveaboard cruiser circumnavigating the world, more fresh water equates to flexibility and greater enjoyment. Adding a Rainman to your boat will eliminate range anxiety, allowing you to have a longer stay in that secluded cove while enjoying longer fresh water showers.

Rainman Design Philosophy

Our watermakers are engineered to be as simple as possible, while also offering optional convenience features to optimise the user experience.

All our systems utilise triplex piston pumps to maximise reliability. Rainman consumables are non-proprietary for ease of replacement worldwide.

"Perfection is achieved, not when there is nothing more to add, but when there is nothing left to take away."

ANTOINE DE SAINT-EXUPÉRY, AIRMAN'S ODYSSEY

Built to last

Rainman watermakers are manufactured in one of our two Sydney facilities. Through consistency in assembly processes, we ensure your system will meet high quality standards. Every system is tested to ensure they meet expected pressure tests, flow rates, power consumption, and TDS readings.

Installed or Portable

Our watermakers were originally designed as a portable system, but today many customers choose to install their Rainman. While you can partially or fully install the traditional blue cased systems, our Rainman Naked systems are specifically designed for a minimum footprint installation.

Portable Benefits

- Can be operated without any installation process
- If you are cruiser and racer, offload weight by moving Rainman ashore
- No extra holes in your hull
- Remove the system to fit more gear for short trips
- If maintenance is required, you bring the system to a technician rather than bringing a technician to your boat
- Keep system when upgrading boats
- Loan it to a friend
- Avoid expensive and invasive installation process
- Fill your neighbour's tanks with extension hose
- Use system on RV or second boat
- Ease of resale

Installed Benefits

- Allows use of optional control panel and autoflush
- Operate the system without needing to pull it out on deck
- No hoses thrown over the side of your boat
- Easier to use while underway

Two Components – One Watermaker

A Rainman watermaker is made up of a pressure supply unit (PSU) and a reverse osmosis (RO) unit. Both parts combine to make a complete watermaker.

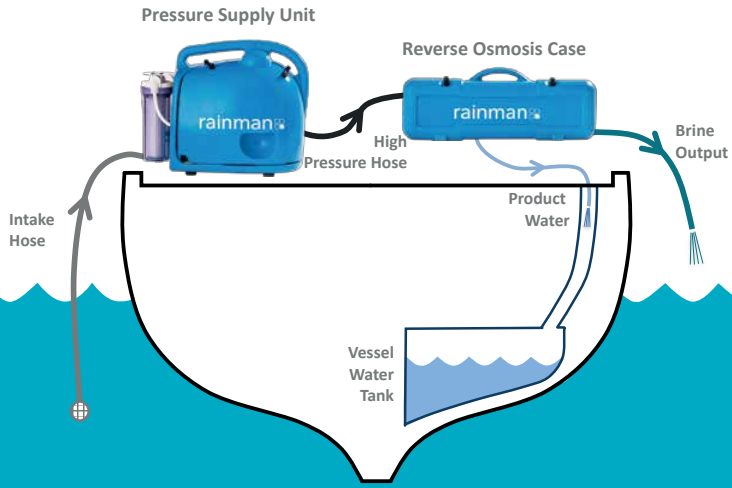
The PSU lifts the seawater, filters out the sediment and puts the water under high pressure, while the RO unit extracts fresh water from the stream of pressurised seawater. Most of the water goes overboard as supersaline brine waste, while about 20% of the volume is extracted as fresh potable water for your tanks.

Different RO options exist for you to select with your Rainman system, each achieving their own specific objective.

Flexibility for the Future

If you are uncertain whether you wish to have a portable or installed watermaker, the best option is to buy the portable version. You can then run it portable for a while and decide if you are happy with that configuration or decide to install it at a later date.

Rainman Concept – Portable Configuration



System Types

AC powered
Starts and runs with a minimum of a Honda 2kVA generator or a good quality 2kVA inverter.

Petrol (gasoline) powered
Runs without any external electricity source.

12VDC powered
Designed for lower power and lower flow rates.

Reverse Osmosis Unit
Three options available

High Output (2 x 40”): Most popular, provides maximum output.

Compact (2 x 21”): Great for constrained spaces.

Economy (1 x 40”): If you are on a budget, or for 12VDC PSU.

rainman Watermaker Efficiency

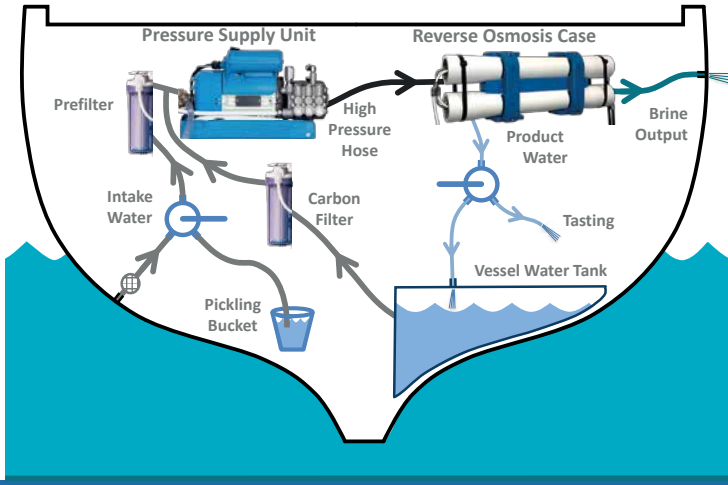
PSU Type	Energy Used	High Output	Compact	Economy
AC Electric	1250 Watts	100 - 140 lph 26 - 37 gph	50 - 70 lph 13 - 18 gph	50 - 70 lph 13 - 18 gph
Petrol (Gas)	1 hour 700ml 0.18 Gal	100 - 140 lph 26 - 37 gph	50 - 70 lph 13 - 18 gph	50 - 70 lph 13 - 18 gph
12VDC	32 Amps	Not Compatible	Not Compatible	26 - 34 lph 7 - 9 gph

INSTALLED

Rainman Naked

Permanently mount your Rainman in a minimum footprint installation with our Naked configuration. It utilises the same internal motors, pumps and membranes as the traditional Rainman in the blue case, but comes with a sturdy fibreglass reinforced nylon mounting system and plumbing kit for an easy installation process.

Rainman Naked: incorporates a pump/motor assembly, prefilter, and reverse osmosis unit with remote valve/gauge assembly for controlling the watermaker. Carbon filter shown included with optional Autoflush.



Autoflush

The optional autoflush incorporates a solid state programmable timer, motor valve, and active carbon filter to flush your Rainman after each use and every seven days while not being used.

Control Panel

The optional control panel provides a remote management capability for your installed Rainman. It's a highly presentable and functional add-on component that will enhance your user experience.

Can be installed as a standalone box, flush mounted panel, or with exterior hatch.

Backwards compatible with older systems.

Rainman Cased System: Several options exist to partially or fully install this watermaker.

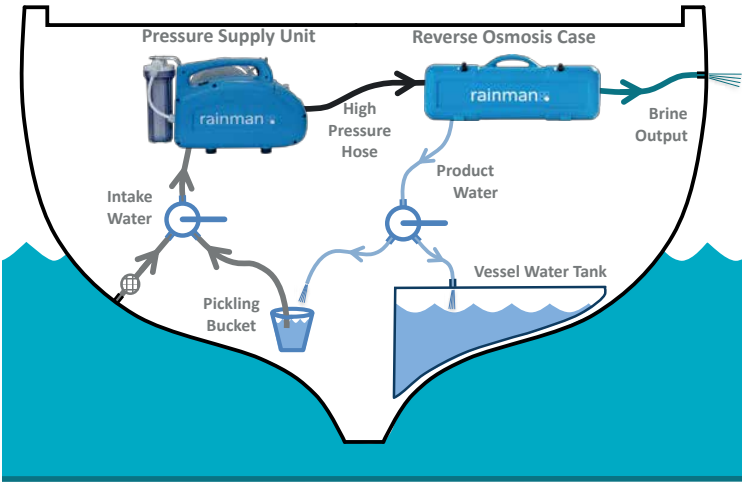
System Types

AC powered

Starts and runs with a minimum of a Honda 2kVA generator or a good quality 2kVA inverter.

12VDC powered

Designed for lower power consumption and lower product water output.



Installation

While the blue cased system can be fully or partially installed, the Naked configuration was specifically designed for installation.

Rainman has designed a mounting system to save hours on the physical installation process. The brackets screw or glue into the desired location, then the Rainman simply snaps into place.

rainman Watermaker Efficiency

PSU Type	Energy Used	High Output	Compact	Economy
AC Electric	1250 Watts	100 - 140 lph 26 - 37 gph	50 - 70 lph 13 - 18 gph	50 - 70 lph 13 - 18 gph
12VDC	32 Amps	Not Compatible	Not Compatible	26 - 34 lph 7 - 9 gph

The Rainman Advantage

Our simple and robust watermakers are designed with minimum componentry for ease of use and low maintenance. In addition to Rainman having a modest initial price, the high build quality reduces ongoing maintenance costs.

Flexibility: install your system or run it portable, allowing you to reduce vessel weight when required.

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

Economical: modest initial price, non-proprietary consumables, and low maintenance requirement minimises life cycle cost.

Reliability: using simple pumps and limited electronics maximises the uptime of your watermaker.

Investment retention: keep the watermaker with change of boats.

Global Support: 60+ dealers around the world for industry leading sales and support infrastructure..

Please visit our website for more comprehensive information, detailed specifications, and dealer locations. Scan the QR code or call +61 433 826 626.

rainman watermakers

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