



Urania Marine Watermakers

Marine and land-based Watermakers

www.uraniamarine.it

“Quench your thirst for the sea”

v.240625

Marine Watermaker UM-12V/24V 40 or 70 l/h

Reliable, simple, and robust.

The UM-12V/24V watermaker is a reliable, robust, and easy-to-use marine watermaker. It is built with high-quality materials and components designed for continuous workloads. It features a strong and straightforward architecture, requires minimal and simple maintenance, and can be installed by standard marine technicians.

Modular system

The watermaker is made up of separate modules that can be installed to make the best use of the boat's available space. The components table lists the approximate space requirements for each module. The individual modules are supplied pre-assembled and laboratory-tested. Additionally, the necessary cables and pipes for the system are included.

Installation

The installer will position the watermaker modules on board the vessel, connect the hoses and cables, and carry out the final testing as specified in the installation manual.

Installation Requirements

A sea inlet (below the waterline) of the type shown in the figure is required (for using the watermaker while underway), as well as a sea discharge (above the waterline). The system must be installed below the waterline. A 12V or 24V power source is required, capable of providing continuous power equal to or greater than the value indicated in the table.

Safety and Performance with Power Inverter

The watermaker ensures safety and optimal performance through the use of a power inverter, which drives a high-performance 230V motor designed for continuous operation. This setup minimizes current draw, avoiding the high currents (up to 100A) that 12V motors would require. This reduces the need for large cables, lowers the risk of overheating and failures, and allows for reliable, continuous use of the system over extended periods.

Warranty

The warranty is valid for 24 months from the date of purchase. To be valid, the installation and testing report must be returned, duly completed by the installer.

Shipping Dimensions

The system is shipped packaged on a pallet with approximate dimensions of 80x120x70 cm and a weight of about 65 kg.

Information and Prices

Visit the website:

www.uraniamarine.it. Prices and specifications may vary and are subject to change without notice.

The images are for illustrative purposes only and do not form part of the technical specifications.

Model	Fresh Water Prod.	Max Power (KW)	Vessel Number
UM-12V/24V-40	40 lt/h	1.2	1x21"
UM-12V/24V-70	70 lt/h	1.2	2x21"

Component	Installation Space Requirement (cm)
Control Panel	40 x 40 x 15D
Electrical Panel	20 x 20 x 15D
High Pressure Pump	30 x 30 x 55L
Prefilter Group	50 x 40H x 20D
Inverter	40 x 20H x 20D
Vessel 21"	20 x 20 x 80

Max Noise Level in Non-Soundproofed Space	Approx Total Weight
50dB	45kg / 55kg

Recommended sea inlet type for installation

