



DESSALATOR[®]

Efficient and robust watermakers
from 30 to 2,000 litres/hour

www.dessalator.com

EN



Patrick Wagner
Founder and CEO

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“We are pleased to present our new catalog, which will give you an overview of our watermakers that are most appreciated by our customers. Please do not hesitate to contact our team in case you have any questions regarding the products listed in this catalog, or regarding our larger capacity machines which start at 440 liters/hour.”



WE HAVE SPECIALIZED IN DESALINATION FOR OVER 45 YEARS

With an unrivaled track record of more than 45 years in this industry, Dessalator is both a leader and precursor in the design and manufacture of watermakers in the nautical world.

In the early 1980s, Mr. Patrick Wagner, the founder of Dessalator, designed the world's first 12 Volt and 24 Volt watermakers which produced approximately 30 liters of fresh water per hour, which was considerable at the time. His invention was a complete technical revolution and it allowed boat owners to be autonomous.

A few years later, Dessalator invented and filed a patent for a dual-energy watermake: the DUO model.

Innovation is still one of Dessalator's core values. Nowadays, Dessalator offers a complete range of watermakers, and is the first choice of yacht builders and shipyards.

Dessalator watermakers are recognized and appreciated for their ease of use and maintenance, their efficiency, robustness and excellent manufacturing quality.



TRUE QUALITY IS LASTING QUALITY

DESALATOR DESIGN PRINCIPLES

The strength of Dessalator lies in the breadth of its expertise and its close collaboration with the largest boat manufacturers, making sure to perfectly integrate into their boat designs. Building on this collaboration as well as feedback from our customers, Dessalator is confident about its core design principles:

- **Pursue simplicity and ease of use**

Basically, pressing one switch is the only operation required.

- **Robustness**

Outstanding choice of materials and manufacturing quality, suitable for non-stop use.

- **Ease of maintenance**

Good accessibility is essential for a yacht owner, it ensures for instance easy pre-filter exchange and quick routine inspection.



SALES AND SERVICE

Dessalator has a network of representatives located around the world. They are committed to providing superior customer service, whether it is for a complete installation, for maintenance, or for simply answering your questions. All representatives are regularly invited to Dessalator's headquarters to attend a technical training course.

This ensures they are up to date on new products so they can give you the advice and service you need. Simply contact Dessalator by phone, email or visit www.dessalator.com if you have any questions or would like to find your nearest representative.

COMMITMENT

Dessalator always seeks to improve quality and to attentively listen and serve its customers, both boat manufacturers and owners. Dessalator is well aware that, in order to maintain trust and continue to thrive in this industry, it is essential to listen to customer requests. Dessalator considers this to be one of the fundamental principles of its certified quality management system.

It provides a guarantee to all our clients that we are compliant with the most rigorous industry standards.



ADDED CONFORT INNOVATIONS

Through its drive for innovation, Dessalator has introduced many new features and improvements over the years.

For all new upgrades, whether it be a whole new model or simply a software upgrade, the watermakers are rigorously tested in real-world conditions before being put into production.

New features are often compatible with the existing product line, which means that Dessalator can, in most cases, upgrade your existing machine to new technologies, even if it is several years old.

The most appreciated options introduced according to our customers provide additional comfort and ease of use:

- **Micro remote control**

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A modern micro remote control with a display that allows you to check and control your watermaker. You also have the option to connect it wirelessly to your watermaker.

- **Automatic regulation**

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Comes included on the AC PRO-Auto series and is available as an option for all other watermakers.

NAVIGATOR PRODUCT LINE

The **NAVIGATOR** product line comes standard with the “automatic” pressure regulation option.

As a result, the pressure rises automatically and remains stabilized in the right pressure zone in order to ensure optimal production in all circumstances.

The **NAVIGATOR** product line has many further advantages:

- Designed to meet high usage demands
- Ease of access for inspection and maintenance
- Now quieter thanks to its new design
- Pump block reduced by 20% for the **FREEDOM**/ **CRUISE** versions and up to 30% for the **DUO**® version
- Developed and tested by Dessalator for 5 years in collaboration with the world's largest manufacturer of high-pressure pumps
- The pump has a reinforced 24mm shaft. The **DUO**® model uses oversized freewheel bearings to ensure a long lifespan
- Patented design



CRUISE AC Navigator



FREEDOM DC Navigator



DUO® DC&AC Navigator



MOTORBOATS AND SAILING BOATS OF 10 TO 15 METERS

DC FREEDOM SERIES - 12 or 24 Volt

It is the ideal watermaker model for boats whose only available source of energy comes from the alternator driven by the main engine. It is also an ideal solution for boats that have a low power generator.

Due to its small size and modular design, this watermaker can be easily integrated without wasting valuable space on board.



- Available in 12 or 24 Volt
- Very compact modular machine
- Fits in small spaces - not wasting valuable storage space
- High yield: 30, 60 or 100 liters/hour
- Comes with automatic flush
- Easy to use, easy to maintain
- Robust components ensure reliability
- Options : remote control, automatic pressure regulation and available as Navigator version



MODELS		D30 FREEDOM	D60 FREEDOM	D100 FREEDOM
Liters/hour	[L/hr]	30	60	100
Voltage	[V-DC]	12 or 24	12 or 24	12 or 24
Motor Output	[W]	max. 550	max. 550	max. 700
Control Panel	[cm]	32 x 20 x 15	32 x 20 x 15	32 x 20 x 15
Motor Unit	[cm]	50 x 30 x 22	50 x 30 x 22	50 x 33 x 22
Pre-filter	[cm]	31 x 39 x 24	31 x 39 x 24	31 x 39 x 24
Membranes	[cm]/[unit]	70 x 10 x 12 [1]	70 x 19 x 12 [2]	70 x 27 x 12 [3]



MOTORBOATS AND SAILING BOATS OF 10 TO 15 METERS

AC CRUISE SERIES - 230 or 120 Volt

AC Cruise watermakers yield up to 100 liters/hour, which make them an optimal choice for boats that are equipped with a generator or inverter.

Their modular design and extremely small footprint make AC Cruise models particularly suitable for boats where space is limited.



- Available in 230 or 120 Volt, 50 or 60 Hz AC Power supply
- Very compact modular machine
- Fits in small spaces - not wasting valuable storage space
- High yield: 60 or 100 liters/hour
- Comes with automatic flush
- Easy to use, easy to maintain
- Robust components ensure reliability
- Options : remote control, automatic pressure regulation and available as Navigator version



MODELS		D60 CRUISE	D100 CRUISE
Liters/hour	[L/hr]	60	100
Voltage	[V-AC]	230 ou 120	230 ou 120
Motor Output	[W]	max. 750	max. 1100
Control Panel	[cm]	32 x 20 x 15	32 x 20 x 15
Motor Unit	[cm]	50 x 29 x 22	50 x 34 x 25
Pre-filter	[cm]	31 x 39 x 24	31 x 39 x 24
Membranes	[cm]/[unit]	70 x 19 x 12 [2]	70 x 27 x 12 [3]



MOTORBOATS AND SAILING BOATS OF 10 TO 15 METERS

DC & AC DUO SERIES - 12/24V AND 230/120V

The patented AC & DC DUO are the first and only watermakers in the world to operate on dual energy, which makes them the safest and most versatile option on the market.

They can use:

- A DC motor to operate the watermaker with the energy supplied by the alternator driven by the main engine.
- An AC motor to operate the watermaker with the energy supplied by the generator or the inverter.

This solution allows you to efficiently optimize the use of your energy sources and allows you to continue producing fresh water in case of failure of one energy source.

- A single button allows you to operate the machine (whether in DC or AC)
- Efficient use of available energy sources
- DC motor available in 12 or 24 Volt
- AC motor available in 120 or 230V, 50 or 60 Hz
- High yield: 60 or 100 liters/hour
- Comes with automatic flush
- Easy to use, easy to maintain
- Robust components ensure reliability
- Options : remote control, automatic pressure regulation and available as Navigator version



MODELS		DUO 60	D100
Liters/hour	[L/hr]	60	100
Voltage [AC]	[V-AC]	230 or 120	230 or 120
Voltage [DC]	[V-DC]	12 or 24	12 or 24
Motor Output power [AC]	[W]	max. 750	max. 1100
Motor Output power [DC]	[W]	max. 550	max. 700
Control Panel	[cm]	32 x 20 x 15	32 x 20 x 15
Motor Unit	[cm]	71 x 33 x 25	71 x 40 x 25
Pre-filter	[cm]	31 x 39 x 24	31 x 39 x 24
Membranes	[cm]/[unit]	70 x 19 x 12 [2]	70 x 27 x 12 [3]



MICRO REMOTE CONTROL

With the aim of continually improving ease of use while maintaining the reliability of our products, we have designed the Micro Remote Control.

The remote is compact (50x30x11mm) and stylish, and allows you to control your watermaker at a distance in a simple and intuitive way.

The Micro Remote Control allows you to start, stop or rinse your watermaker with a single button.

Indicator lights also show you the status of your device. Available for all DESSALATOR watermakers sold after 2018.

MONO VOLTAGE



BI-VOLTAGE (DUO)



INNOVATION AND EASE OF USE



MOTORBOATS AND SAILING BOATS OF 15 TO 40 METERS

AC PRO SERIES

On large yachts, powerboats, small commercial vessels, and super yachts, the demand for fresh water can be very high. The watermaker on board is quite often used non-stop.

The AC PRO and AC PRO-Auto series are the models most often installed on these types of boats. The major difference between the PRO and PRO-Auto versions is the method they use to regulate pressure. PRO-Auto watermakers automatically adjust the working pressure, while the PRO series requires manual pressure adjustment.

All PRO and PRO-Auto series watermakers are available in modular form or in a compact version.

The “Compact” model has the high-pressure pump and control panel mounted on a stainless steel frame. The Micro Remote Control (see page 14) is a popular option for these watermakers as it allows for easy, visual control.



Compact version of the AC Pro series



- Simple to use, inspect and maintain
- Available in 230 or 400 Volt
- High yield: 90, 160, 200, or 300 liters/hour
- Low-pressure pump included
- Comes with automatic flushing
- Robust components ensure reliability, durability and performance
- The standard version is the Compact, which is mounted on a stainless chassis
- The modular (CAD) version can be ordered with a vertical or horizontal oriented front panel
- Optional: micro remote control, automatic pressure regulation



CAD version of the AC PRO-Auto series



Front Control Panel



MOTORBOATS AND SAILING BOATS OF 15 TO 40 METERS

AC PRO-AUTO SERIES

The AC-PRO series is complemented by the AC PRO-Auto series. Although the two products are similar, users of the PRO-Auto watermaker experience its incredible ease of use.

PRO-Auto watermakers come equipped with a motorized pressure regulator which ensures optimal freshwater flow without requiring user intervention. Manual adjustment of the system pressure remains however possible.

The PRO-Auto watermaker comes with a micro remote control included, allowing for convenient control and monitoring.

Starting a watermaker can't get any simpler: just press the button on the micro remote control.



AC PRO-AUTO SERIES

- Simple to use and control using the micro remote control included in the PRO-Auto version
- Fully automatic operation
- A switch allows you to select automatic or manual mode
- Very low power consumption when in standby mode
- Available in 230 or 400 Volt
- High yield: from 90 to 300 liters/hour
- Low-pressure pump included
- Comes with automatic flushing
- Easy to use, easy to inspect and maintain
- The standard version is the Compact, which is mounted on a stainless chassis
- The modular (CAD) version can be ordered with a vertical or horizontal oriented front panel



Compact version of the AC PRO-Auto series



Micro Remote Control



MODELS		D90 PRO-AUTO	D160 PRO-AUTO	D200 PRO-AUTO	D300 PRO-AUTO
Liters/hour	[L/hr]	90	160	200	300
Voltage	[V-AC]	230	230	230	230
Low-pressure pump	[kW]	0.3	0.3	0.3	0.75
Motor Output power	[kW]	max. 1.5	max. 2.2	max. 2.2	max. 3.0
Compact frame	[cm]	58 x 38 x 48	58 x 38 x 48	58 x 38 x 48	58 x 38 x 48
Vertical front panel	[cm]	43 x 22 x 12	43 x 22 x 12	43 x 22 x 12	43 x 22 x 12
Motor block	[cm]	46 x 33 x 30	55 x 33 x 30	55 x 33 x 30	65 x 33 x 30
Pre-filters	[cm]	36 x 36 x 18	36 x 36 x 18	36 x 36 x 18	36 x 36 x 18
Membranes	[cm]/[unit]	120 x 10 x 12 [1]	120 x 19 x 12 [2]	120 x 27 x 12 [3]	120 x 27 x 12 [4]
Micro remote control	[mm]	50 x 30 x 11	50 x 30 x 11	50 x 30 x 11	50 x 30 x 11

WORLDWIDE SALES, SUPPORT AND SERVICE NETWORK

visit www.dessalator.com for a complete list



DESSALATOR®

Technical and commercial departments

ZI des 3 Moulins, 282 rue des Cistes

Bâtiment Euro 92, 06600 Antibes, France

T. +33 (0)493 95 04 55 | contact@dessalator.com

www.dessalator.com