Schenker®
WATERMAKERS

Designed to be **different**



www.schenkerwatermakers.com



MANUFACTURER OF HIGH QUALITY MARINE WATERMAKERS.

Schenker **watermakers**

Our history

Established in 1998, Schenker is a leading manufacturer of high quality watermakers based on our patented Energy Recovery System. The company prides itself on its continuous investment in research and development, providing its customers with unsurpassed technical solutions.

Our mission

Provide high quality and innovative products that meet our customer needs.
Provide excellent service and on-going support through our network of international representatives.
Provide energy efficient, simple and reliable solutions for making water.

Our innovation

Schenker uses a low-pressure feed pump. The pressure is then increased using our new patented Energy Recovery System, powered by the waste water from the reverse osmosis process. This reduces the power consumption by up to 80% compared with conventional watermakers.

Why choose a **Schenker watermakers?**

Power consumption is reduced by up to 80% compared with conventional watermakers. For example just 240 Watts is required to produce 60 litres of fresh water.

80% LESS POWER CONSUMPTION

Schenker watermakers produce pure fresh water. No need to carry onboard supplies of plastic bottled water thereby reducing our reliance on plastic and protecting our oceans.

REDUCING WASTE

Thanks to their high efficiency, Schenker watermakers can be powered directly from service batteries without the need to run the engine or generator.

DIRECT SERVICE BATTERIES POWER SUPPLY

Schenker watermakers low pressure pump and Energy Recovery System result in quiet, vibration free operation.

QUIET OPERATION

Thanks to the low power consumption, Schenker watermakers can easily be powered by renewable energy.

ECO SUSTAINABILITY

Schenker watermakers are constructed of corrosion free materials such as carbon fibre and acetylic resins. The watermaker is totally corrosion free.

CORROSION FREE MATERIALS

The watermaker will automatically flush the membrane with fresh water at the end of its cycle.

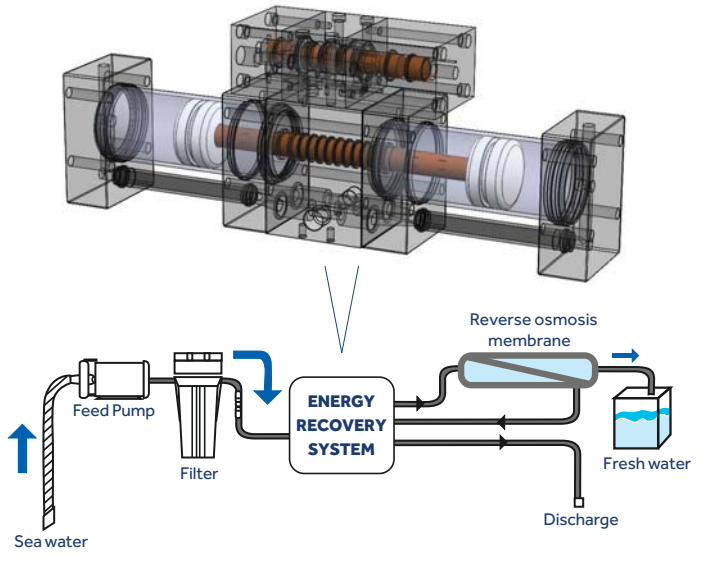
AUTOMATIC MEMBRANE FLUSHING

Schenker watermakers new generation seals have been designed using nanotechnology. This material is characterised by a very low friction coefficient and is incredibly long-lasting ensuring reliable operation.

LONG LASTING COMPONENTS

WORKING PRINCIPLE

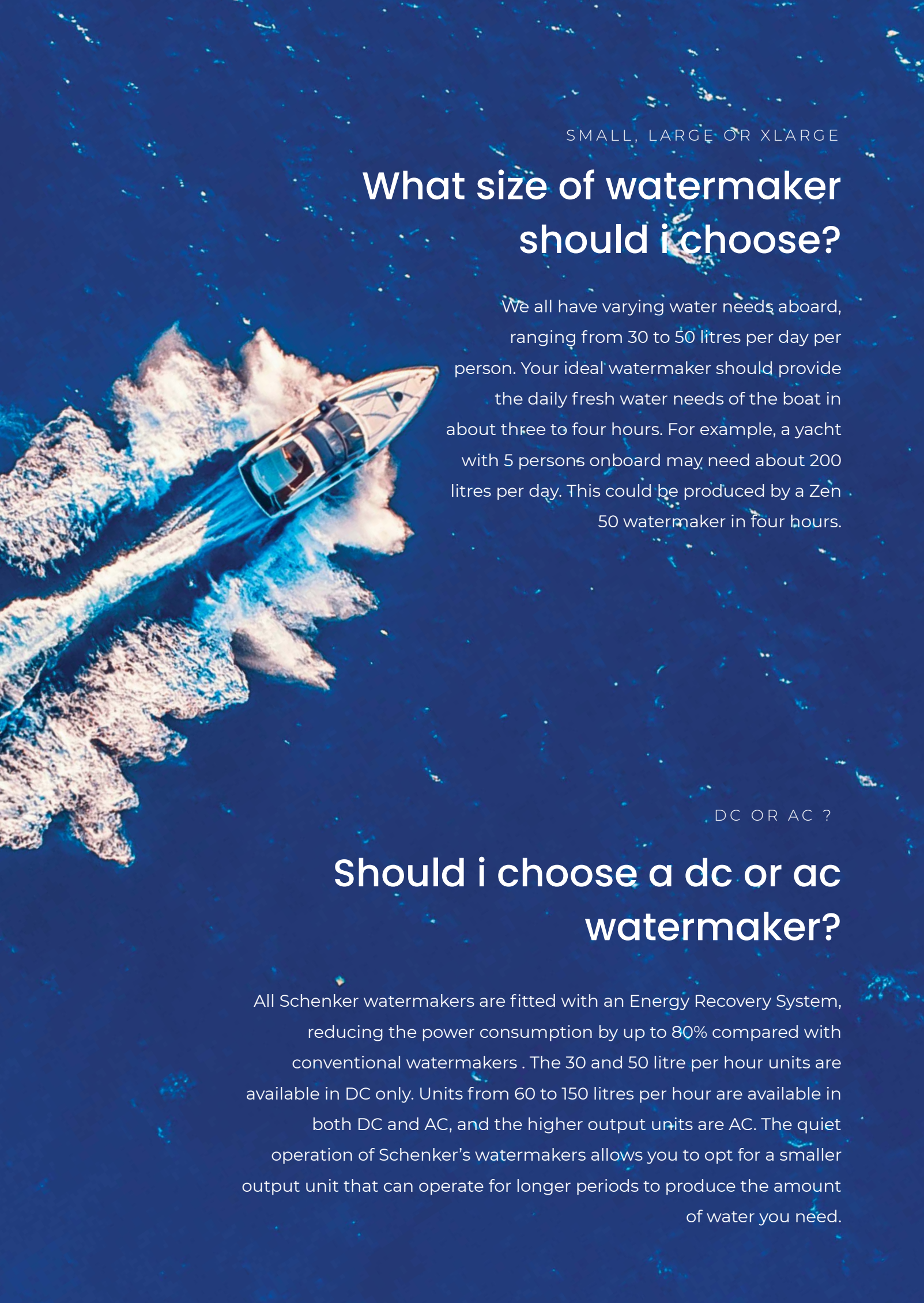
Schenker uses a low-pressure feed pump. The pressure is then increased using its new, patented Energy Recovery System powered by the waste water from the reverse osmosis process. This results in very high-energy efficiency with typical power consumption of only 4 Watts per litre of fresh water produced.



Which model of new generation Schenker watermakers should I choose?

Schenker watermakers are available in five models types:
Zen, Qube, Wiki, Smart and Modular.
All units incorporate Schenker's power saving Energy Recovery System and high quality materials.
The new Zen and Qube, with their clean look, compact design and minimal external fittings, are a perfect choice where onboard space is limited or you want the latest in watermaker design.
Alternatively the more traditional Smart design, with its single long membrane and separate components, will appeal if more onboard space is available. Finally the Modular's split membranes provide a more compact unit for higher outputs of up to 500 litres per hour. The Zen, Qube, Smart and Modular units can be supplied with a choice of either the Basic or Touch control panels.





SMALL, LARGE OR XLARGE

What size of watermaker should i choose?

We all have varying water needs aboard, ranging from 30 to 50 litres per day per person. Your ideal watermaker should provide the daily fresh water needs of the boat in about three to four hours. For example, a yacht with 5 persons onboard may need about 200 litres per day. This could be produced by a Zen 50 watermaker in four hours.

DC OR AC ?

Should i choose a dc or ac watermaker?

All Schenker watermakers are fitted with an Energy Recovery System, reducing the power consumption by up to 80% compared with conventional watermakers . The 30 and 50 litre per hour units are available in DC only. Units from 60 to 150 litres per hour are available in both DC and AC, and the higher output units are AC. The quiet operation of Schenker's watermakers allows you to opt for a smaller output unit that can operate for longer periods to produce the amount of water you need.

Our watermakers



wiki

Wiki, a compact, portable, energy-efficient, Italian-designed watermaker. It doesn't require installation and can be put into operation in a few minutes, by connecting the pipes through practical quick-coupling fittings. 12-24 VDC, low power (110W), easy setup.



ZEN

Quiet, small, light, efficient, affordable. Can be installed horizontally or upright. Very compact, fitting the smallest of spaces.

RANGE
30 - 50 - 100 - 150 litres/hour



ZEN TWIN

The ZEN Twin is based on two independent watermakers, offers the possibility to operate both or just one machine.

RANGE
200 - 300 litres/hour

Production may vary +/-20% according to the specific working conditions.



ZEN RACE

Lighter. Extreme. Reliable. The ZEN 30 RACE is designed for racing boat, delivering proven ZEN performance in applications where every gram matters. The lightest solution for producing fresh water on a racing boat. 30 l/h, 12-24 VDC, 110W.



QUBE

Super-compact watermakers with a contemporary and essential design. Qube is equipped with an extremely quiet and reliable brushless electric motor.

RANGE
30 - 65 - 100 - 150 litres/hour



smart

Light, single membrane.
The ideal solution for those who prefer a simple and essential system.

RANGE
30 - 60 - 80 - 100 litres/hour



MODULAR

A very compact unit.
Choice of output range to satisfy all needs.

RANGE
60 - 100 - 150
230 - 300 - 500 litres/hour

Production may vary +/-20% according to the specific working conditions.

wiki

30 lit/h
Gal/h 7.9



Power Supply	12 / 24 V
Consumption	110 Watt
Weight	26 Kg
Membranes	n° 1 2,5" x 21"

1/4 PERSONS

OCEAN ROWING BOATS

INFLATABLE BOAT

30/40 FEET SAILBOAT

25/35 FEET CATAMARAN

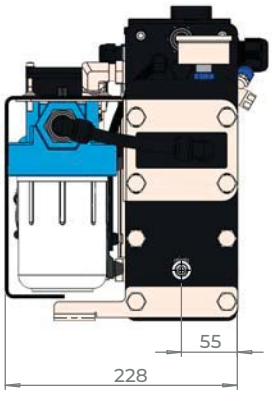
25/35 FEET POWERBOAT

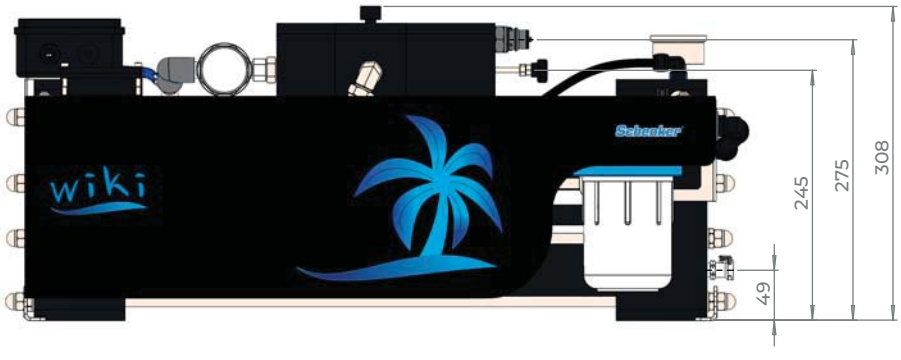


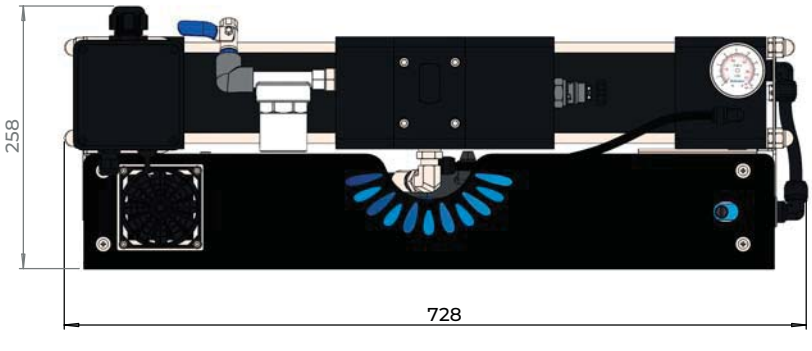












ZEN

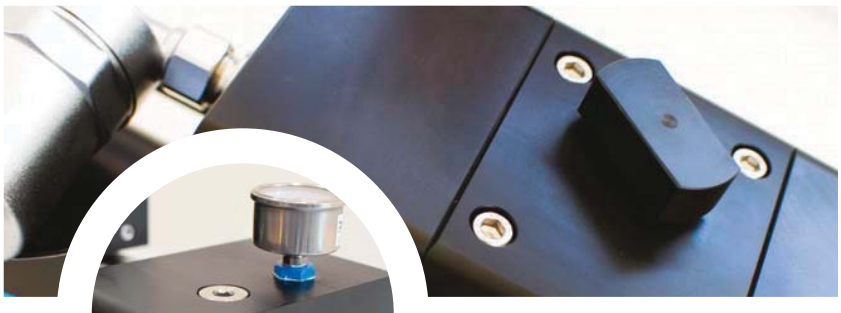
30 lit/h
Gal/h 7.9

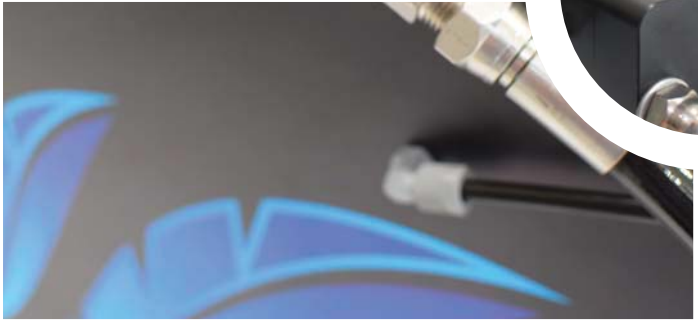


Power Supply	12 / 24 V
Consumption	110 Watt
Weight	22 Kg
Membranes	n° 1 2,5" x 21"

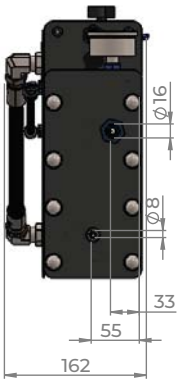
1/4 PERSONS
OCEAN ROWING BOATS
INFLATABLE BOAT
30/40 FEET SAILBOAT
25/35 FEET CATAMARAN
25/35 FEET POWERBOAT

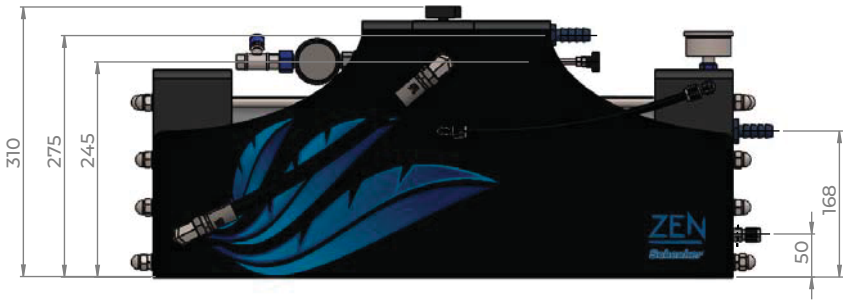


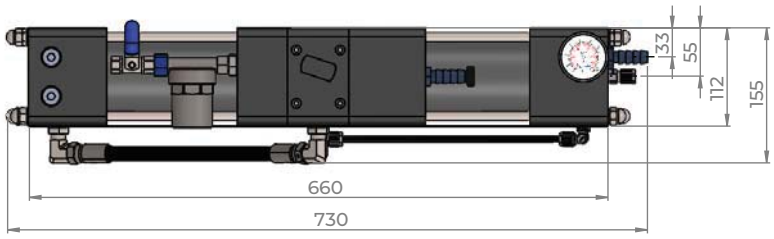












ZEN

50 lit/h
Gal/h 13.2



Power Supply	12 / 24 V
Consumption	240 Watt
Weight	31 Kg
Membranes	n°2 2,5" x 21"

4/6 PERSONS

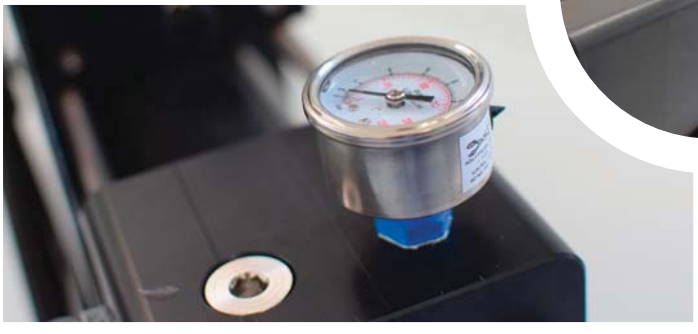
35/45 FEET SAILBOAT

30/40 FEET CATAMARAN

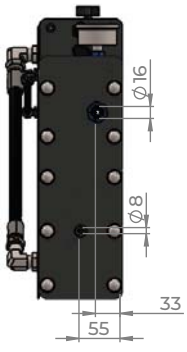
30/40 FEET POWERBOAT



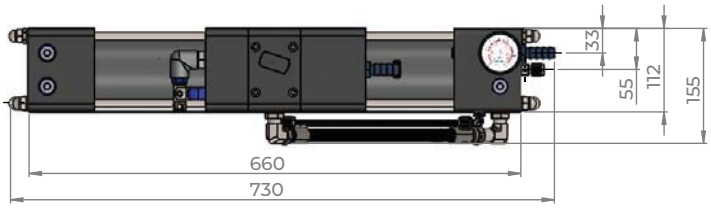












ZEN

100 lit/h
Gal/h 26.4



Power Supply	12/24/48 VDC or AC
Consumption	400 Watt
Weight	53 Kg
Membranes	n°2 4" x 21"

6/8 PERSONS

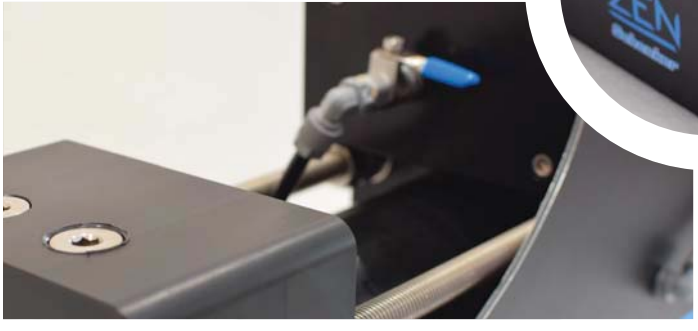
45/55 FEET SAILBOAT

35/45 FEET CATAMARAN

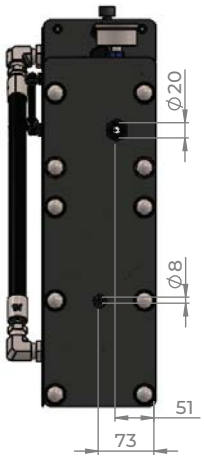
35/45 FEET POWERBOAT



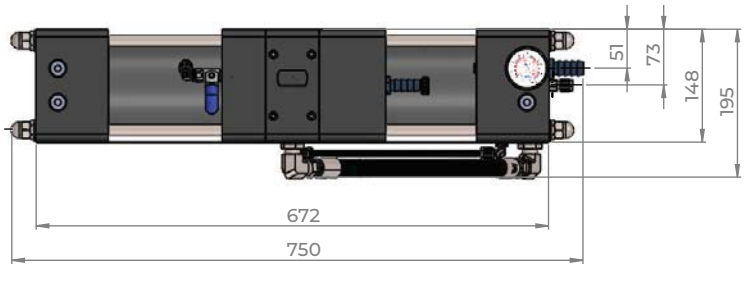












ZEN

150 lit/h
Gal/h 39.6

Power Supply	24/48 VDC or AC
Consumption	600 Watt
Weight	62 Kg
Membranes	n°2 4" x 21"



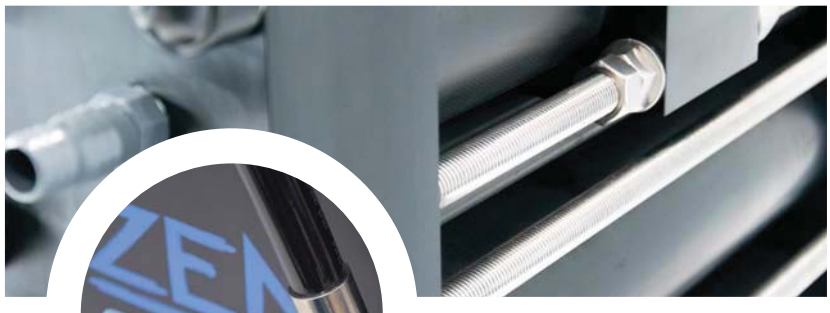
8/10 PERSONS

50/60 FEET SAILBOAT

40/50 FEET CATAMARAN

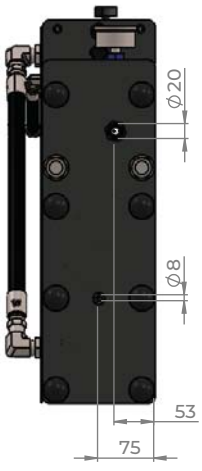
40/50 FEET POWERBOAT

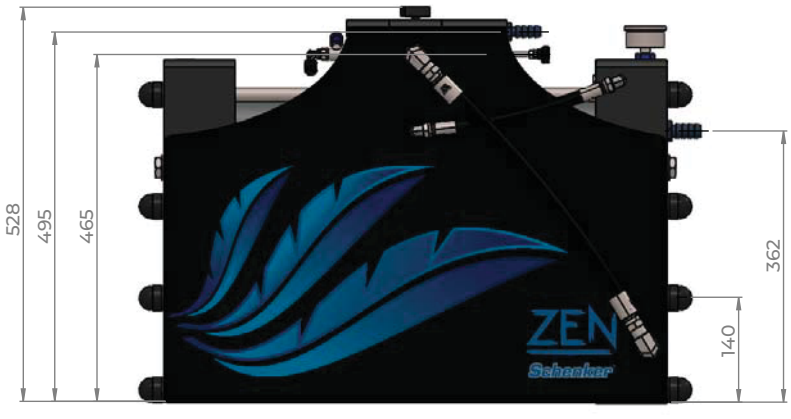


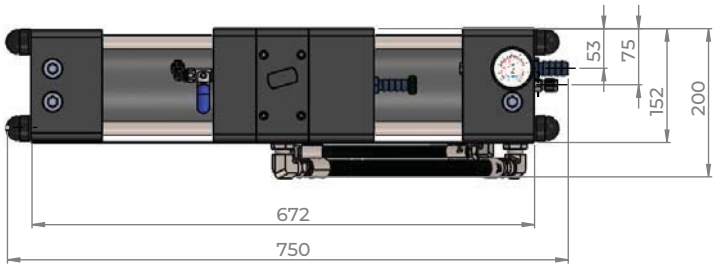












ZEN TWIN

200 lit/h
Gal/h 53

Power Supply	12/24/48 VDC or AC
Consumption	800 Watt
Weight	102 Kg
Membranes	n°4 4" x 21"



10/12 PERSONS

55/65 FEET SAILBOAT

50/60 FEET CATAMARAN

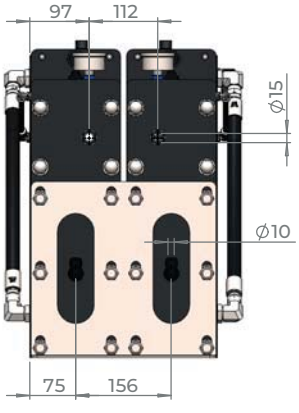
50/60 FEET POWERBOAT



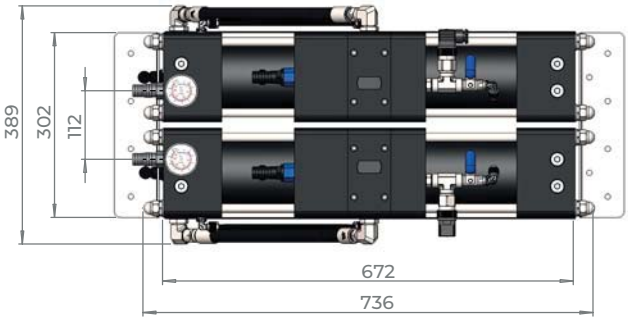












ZEN TWIN

300 lit/h
Gal/h 79



Power Supply	24/48 VDC or AC
Consumption	1,2 kWatt
Weight	120 Kg
Membranes	n°4 4" x 21"

12/14 PERSONS

60/70 FEET SAILBOAT

55/65 FEET CATAMARAN

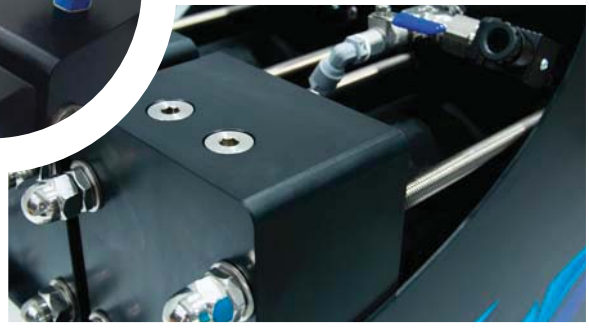
55/65 FEET POWERBOAT

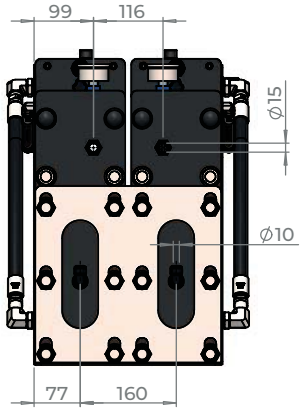


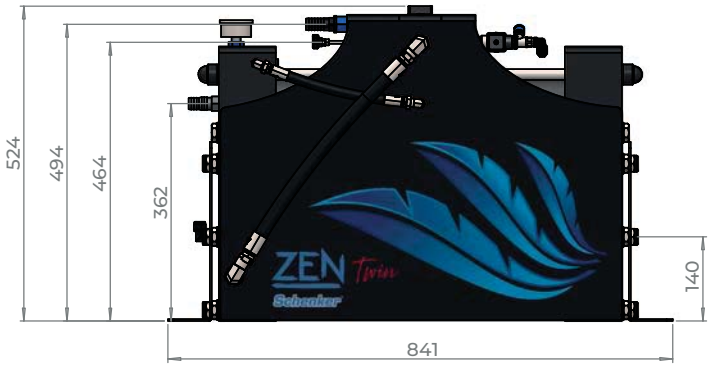


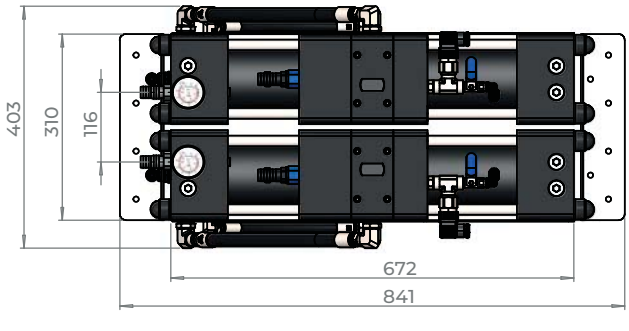












ZEN
RACE

30 lit/h
Gal/h 84.5



Power Supply	12/24 V
Consumption	110 Watt
Weight	17 Kg
Membranes	n°1 2,5" x 21"

OCEAN ROWING BOATS

RACE BOATS

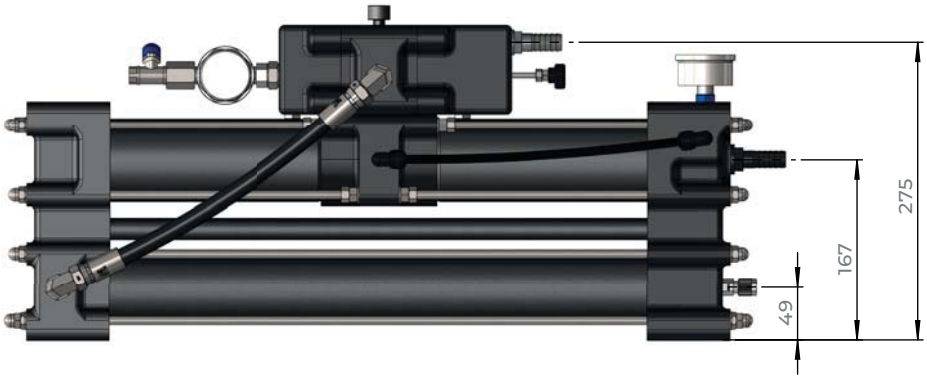


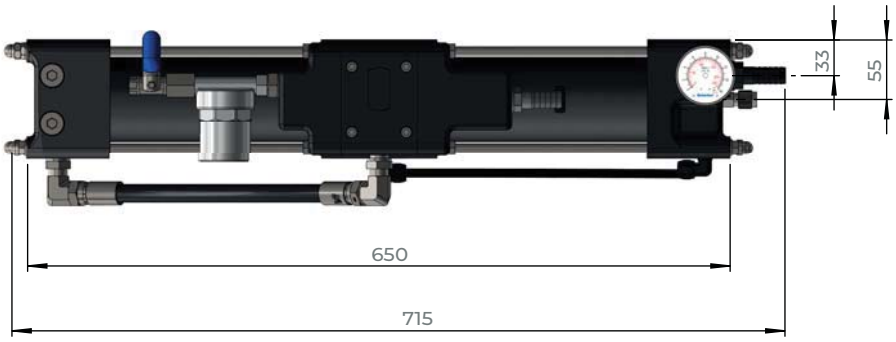












QUBE

30 lit/h
Gal/h 7.9



Power Supply	12/24 V
Consumption	110 Watt
Weight	22,5 Kg
Membranes	n°1 2,5" x 21"

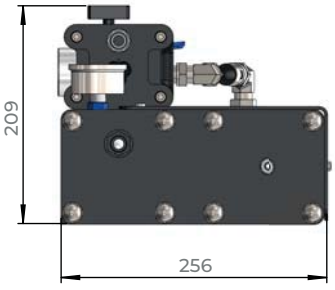
1/4 PERSONS
OCEAN ROWING BOATS
INFLATABLE BOAT
30/40 FEET SAILBOAT
25/35 FEET CATAMARAN
25/35 FEET POWERBOAT

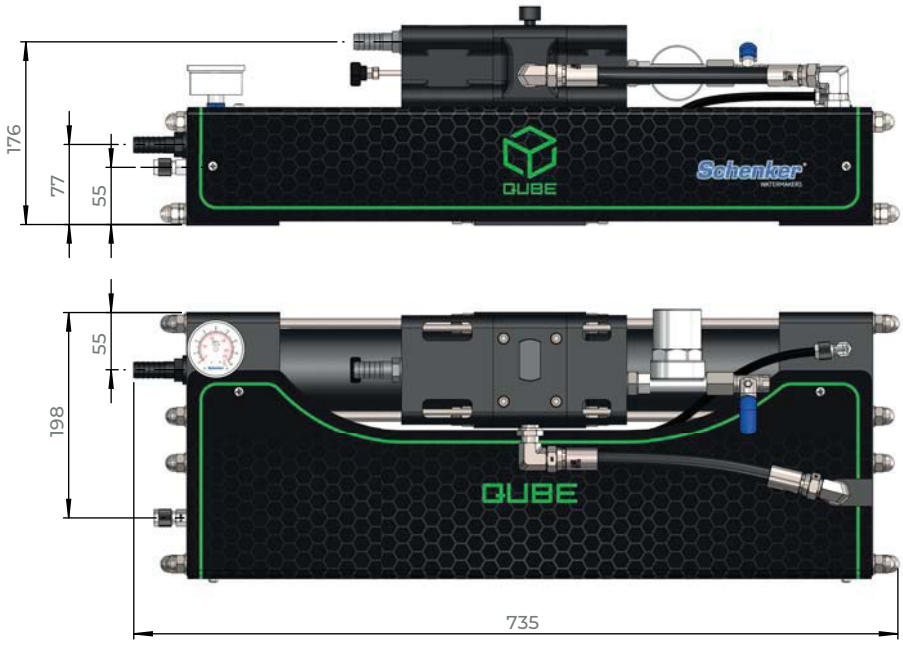












QUBE

65 lit/h
Gal/h 17.7



Power Supply	12/24/48 VDC
Consumption	300 Watt
Weight	31 Kg
Membranes	n° 2 2,5" x 21"

5/6 PERSONS

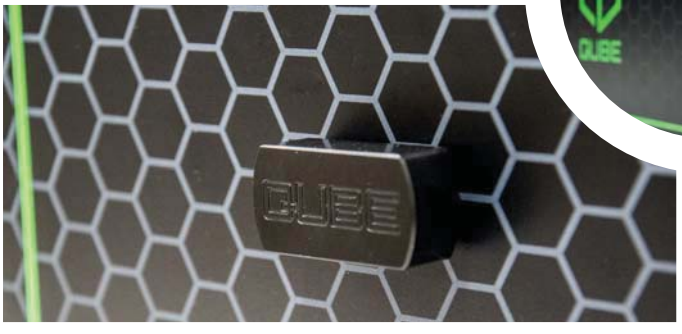
40/50 FEET SAILBOAT

35/45 FEET CATAMARAN

35/45 FEET POWERBOAT



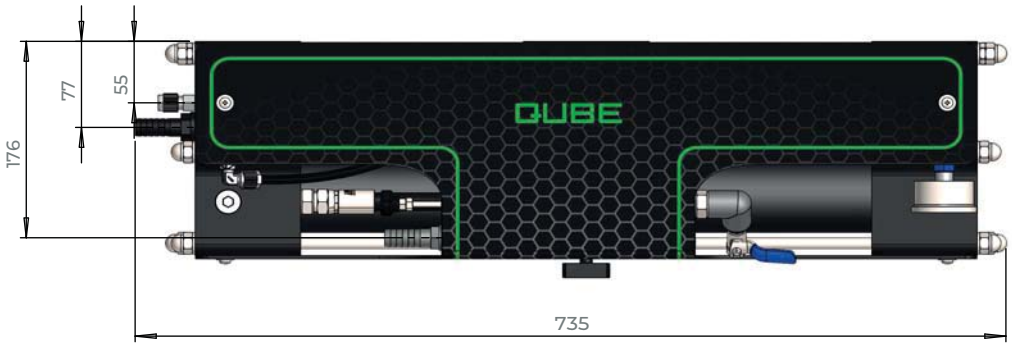












QUBE

100 lit/h
Gal/h 26.4



Power Supply	12/24/48 VDC or AC
Consumption	400 Watt
Weight	50 Kg
Membranes	n°2 40" x 21"

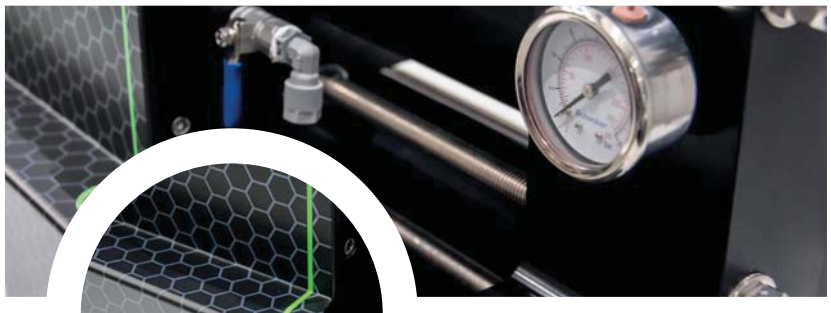
6/8 PERSONS

45/55 FEET SAILBOAT

35/45 FEET CATAMARAN

35/45 FEET POWERBOAT



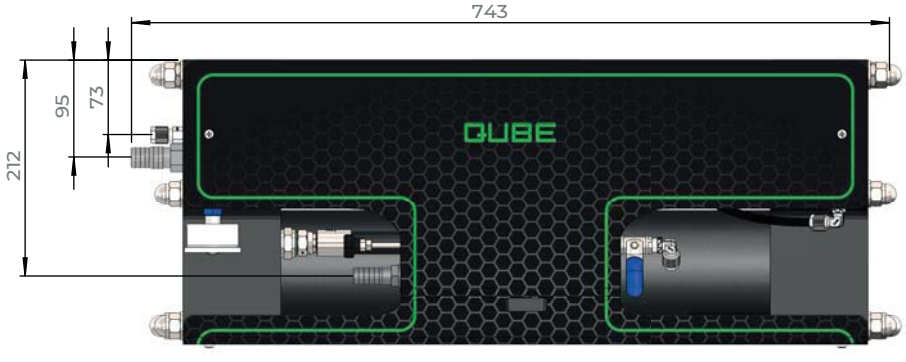












QUBE

150 lit/h
Gal/h 39.6



Power Supply	12/24/48 VDC or AC
Consumption	500 Watt
Weight	56 Kg
Membranes	n°2 4" x 21"

8/10 PERSONS

50/60 FEET SAILBOAT

40/50 FEET CATAMARAN

40/50 FEET POWERBOAT



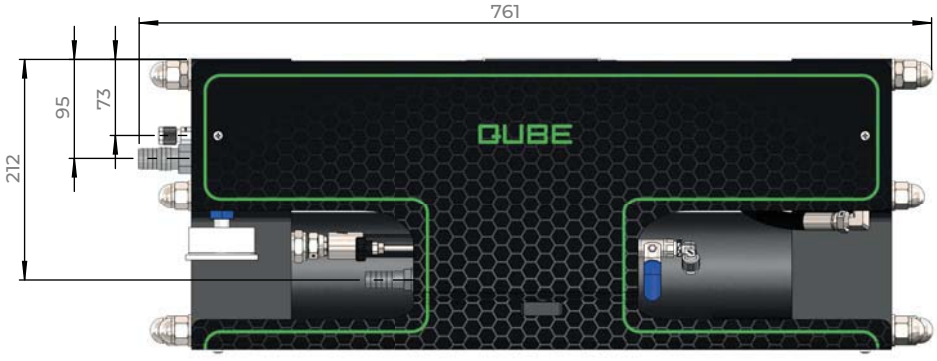












smart

30 lit/h
Gal/h 7.9



Power Supply	12 / 24 VDC
Consumption	110 Watt
Weight	25 Kg
Membranes	n°1 2,5" x 21"

1/4 PERSONS

30/40 FEET SAILBOAT

25/35 FEET CATAMARAN

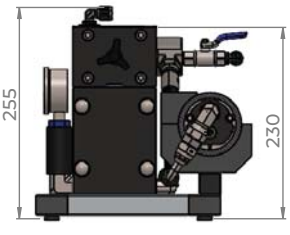
25/35 FEET POWERBOAT

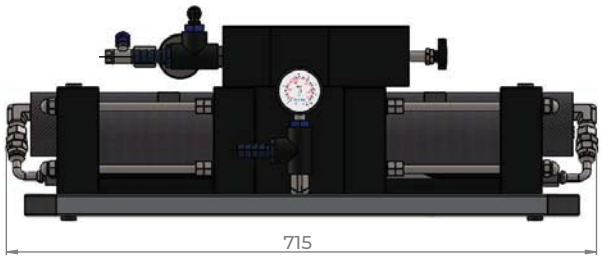


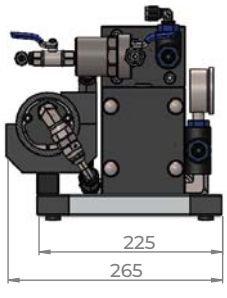


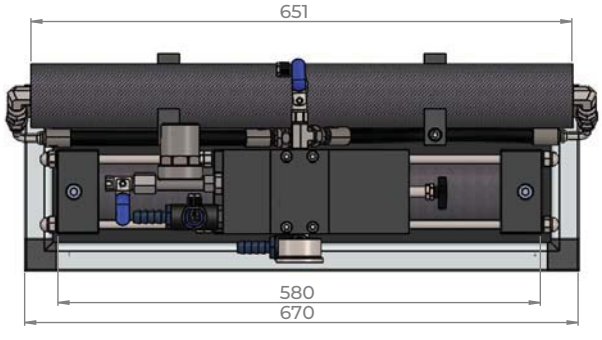












smart

60 lit/h
Gal/h 15.8



Power Supply	12 / 24 VDC or AC
Consumption	240 Watt
Weight	31 Kg
Membranes	n°1 2,5" x 40"

4/6 PERSONS

35/45 FEET SAILBOAT

30/40 FEET CATAMARAN

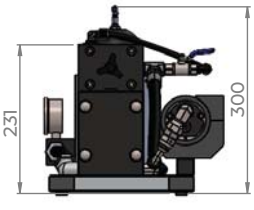
30/40 FEET POWERBOAT

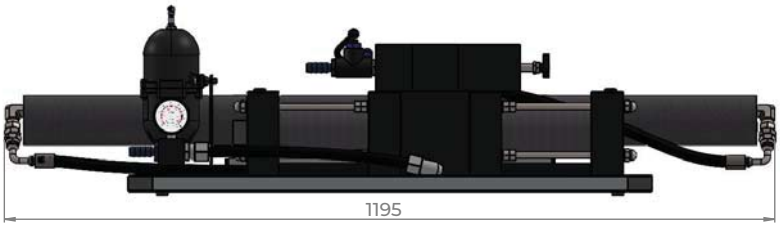


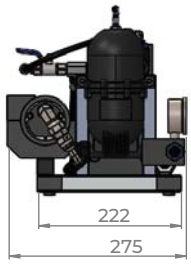


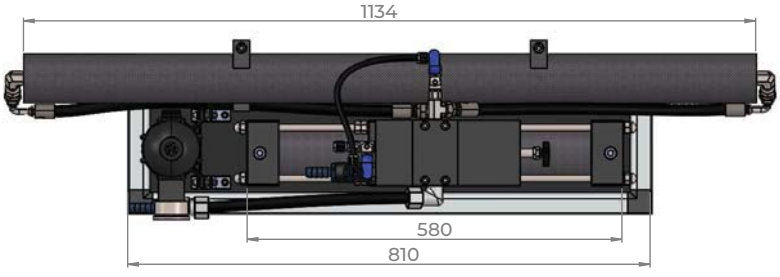












smart

80 lit/h
Gal/h 21



Power Supply	12 / 24 VDC or AC
Consumption	380 Watt
Weight	35 Kg
Membranes	n°2 2,5" x 40"

6/7 PERSONS

40/50 FEET SAILBOAT

35/45 FEET CATAMARAN

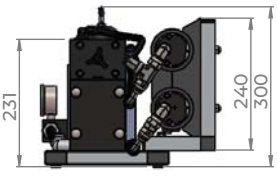
35/45 FEET POWERBOAT

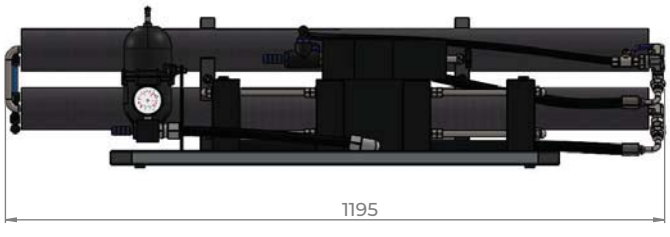


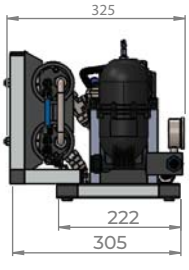


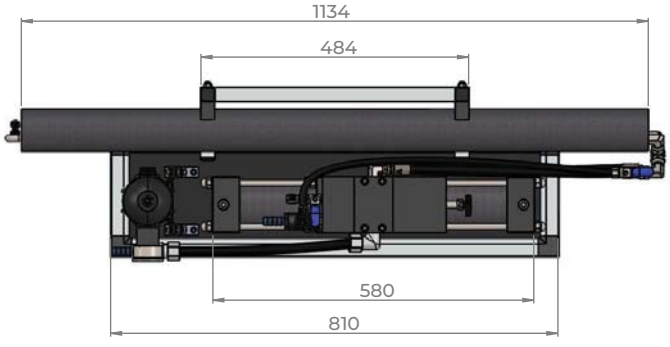












smart

100 lit/h
Gal/h 26.4



Power Supply	12/24/48 VDC or AC
Consumption	400 Watt
Weight	48 Kg
Membranes	n°1 4" x 40"

6/8 PERSONS

45/55 FEET SAILBOAT

35/45 FEET CATAMARAN

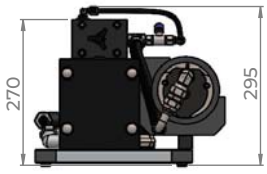
35/45 FEET POWERBOAT

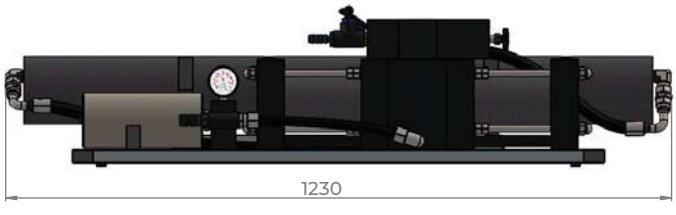


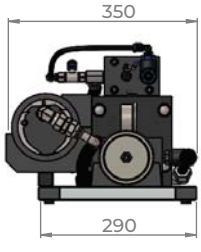


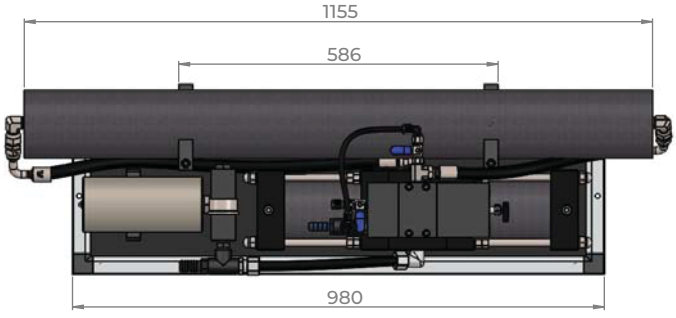












MODULAR

60 lit/h
Gal/h 15.8



Power Supply	12 / 24 VDC or AC
Consumption	240 Watt
Weight	38 Kg
Membranes	n°3 2,5" x 21"

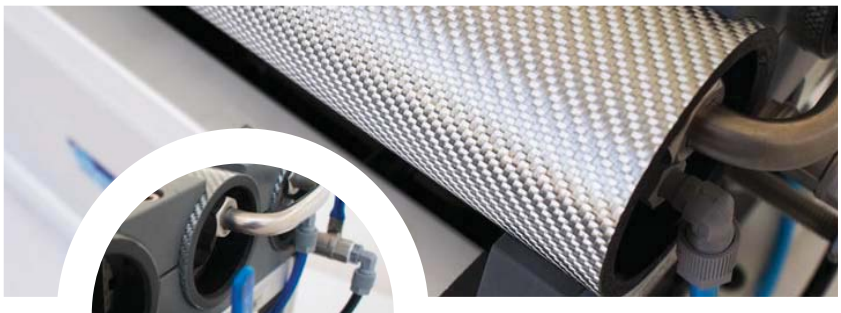
4/6 PERSONS

35/45 FEET SAILBOAT

30/40 FEET CATAMARAN

30/40 FEET POWERBOAT

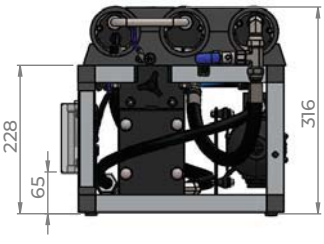




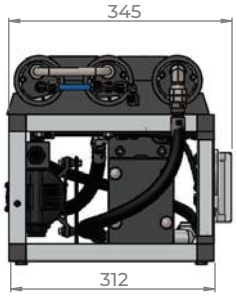


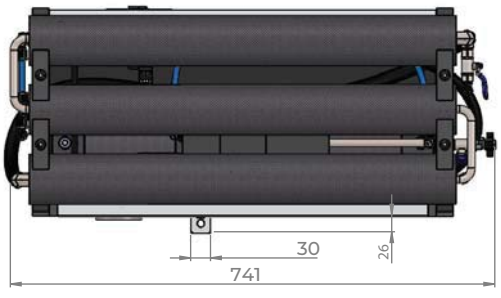












MODULAR

100 lit/h
Gal/h 26.4



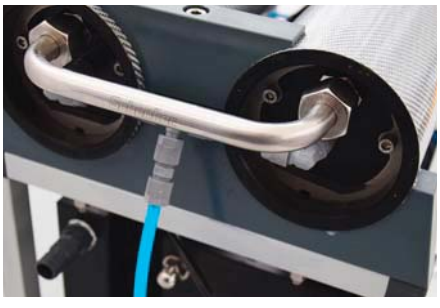
Power Supply	12/24/48 VDC or AC
Consumption	400 Watt
Weight	58 Kg
Membranes	n°2 4" x 21"

6/8 PERSONS

45/55 FEET SAILBOAT

35/45 FEET CATAMARAN

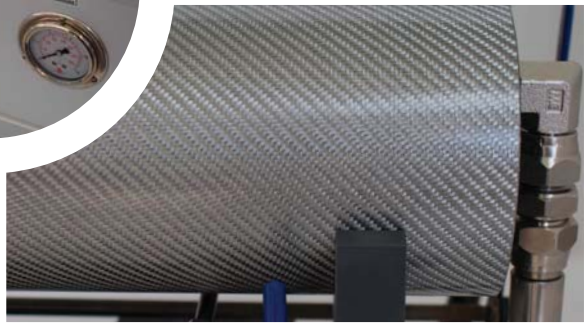
35/45 FEET POWERBOAT

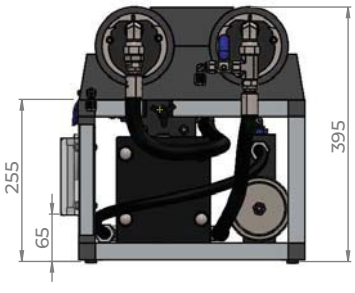


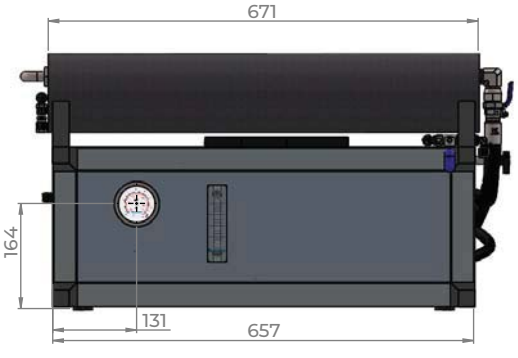


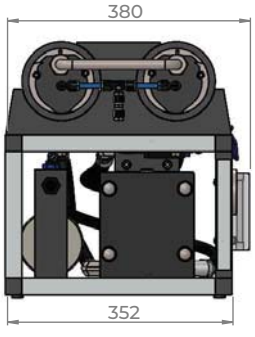


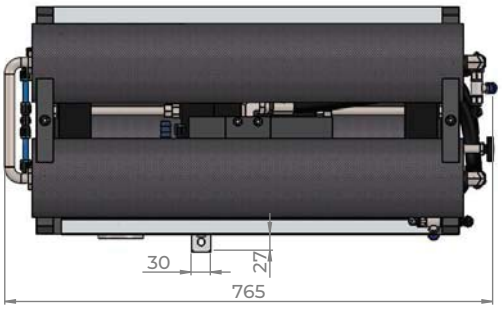












MODULAR

150 lit/h
Gal/h 39.6



Power Supply	24/48 VDC or AC
Consumption	600 Watt
Weight	69 Kg
Membranes	n°1 4" x 40"

8/10 PERSONS

50/60FEET SAILBOAT

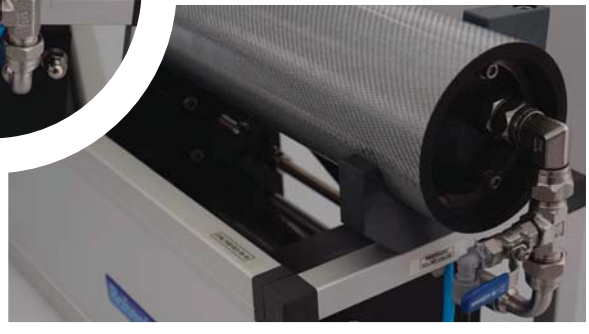
40/50 FEET CATAMARAN

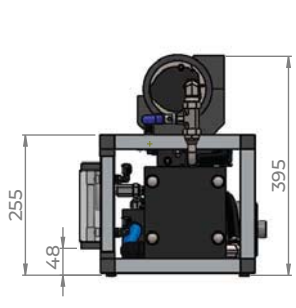
40/50 FEET POWERBOAT



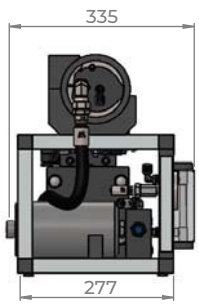


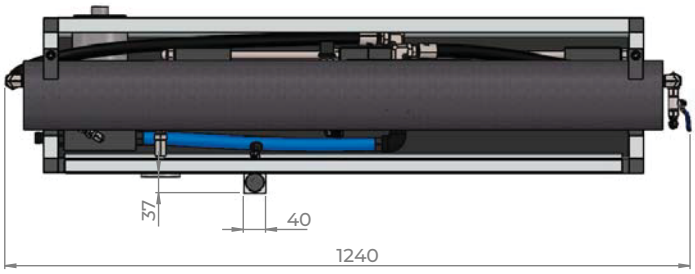












MODULAR

230 lit/h
Gal/h 61



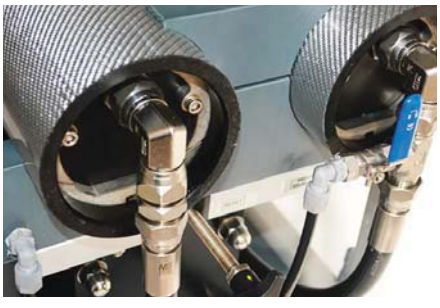
Power Supply	AC single or three phase
Consumption	1,5 kW
Weight	95 Kg
Membranes	n°2 4" x 40"

10/12 PERSONS

55/65 FEET SAILBOAT

50/60 FEET CATAMARAN

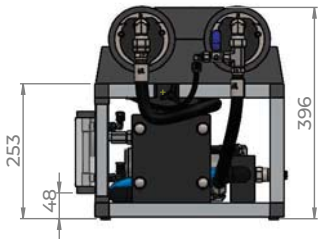
50/60 FEET POWERBOAT



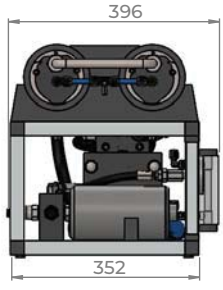


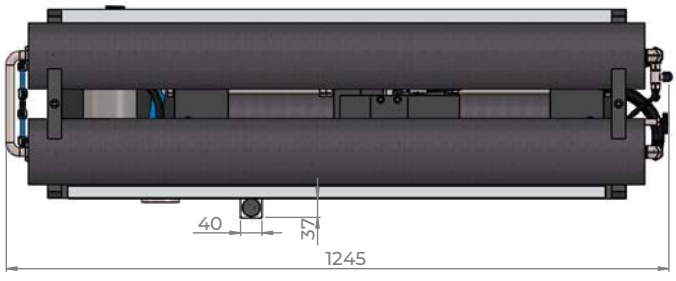












MODULAR

300 lit/h
Gal/h 79

Main pump inside

INVERTER TECHNOLOGY



Power Supply	AC single or three phase
Consumption	2,5 kW
Weight	145 Kg
Membranes	n°3 4" x 40"

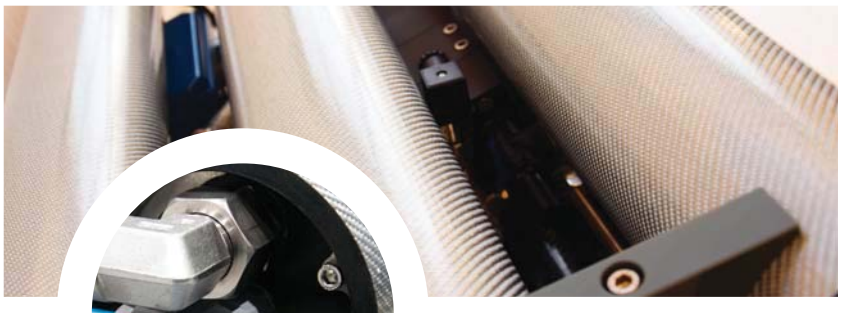
12/14 PERSONS

60/70 FEET SAILBOAT

55/65 FEET CATAMARAN

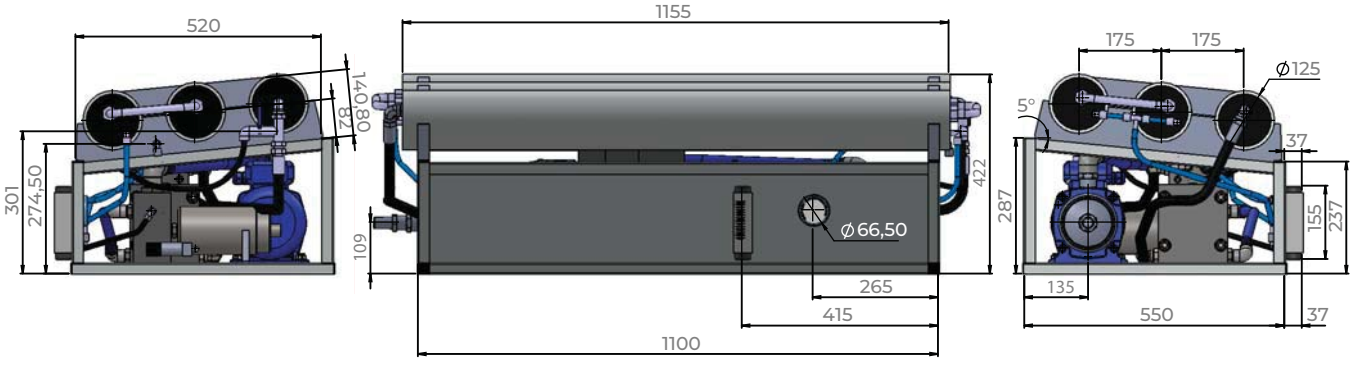
55/65 FEET POWERBOAT

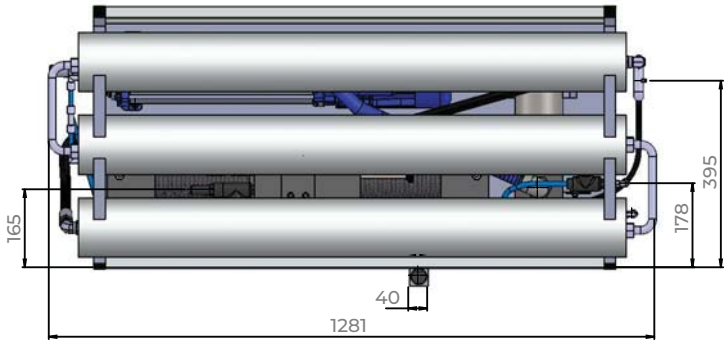












MODULAR

500 lit/h
Gal/h 132

Main pump inside

INVERTER TECHNOLOGY



Power Supply	AC three phase
Consumption	3,5 kW
Weight	180 Kg
Membranes	n°4 4" x 40"

14/20 PERSONS

70/100 FEET SAILBOAT

65/80 FEET CATAMARAN

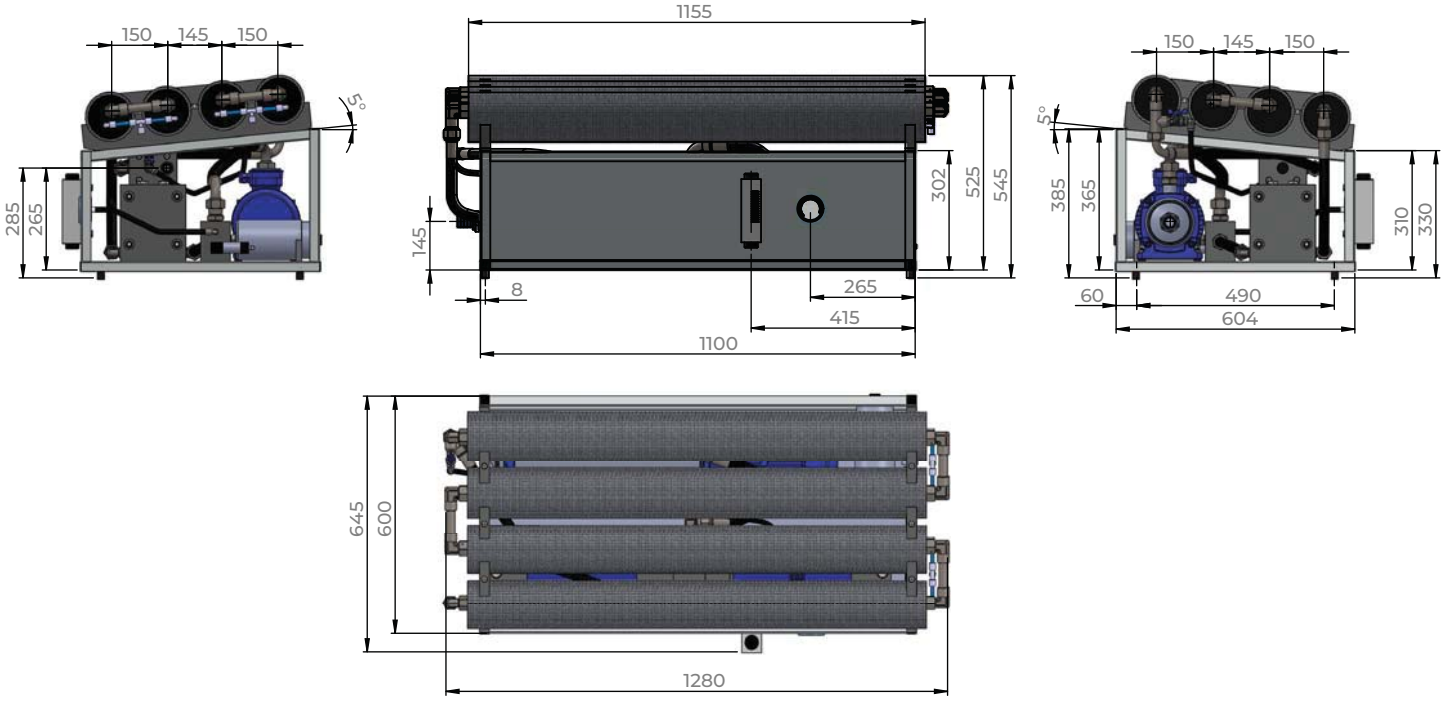
65/80 FEET POWERBOAT











Remote **panels**

BASIC



Functions:

- Start/stop
- Automatic flushing
- Timer
- Automatic start up

Dimension: 100 x 66 mm

Available for:

- Zen 30, 50, 100, 150
- Qube 30, 65, 100, 150
- Smart 30, 60, 80, 100
- Modular 60, 100

MINITOUCH



Functions:

- Start/stop
- Timer
- Automatic flushing
- Intensive flushing
- Periodic flushing
- Hours counter
- Automatic start up
- Pressure meter

Dimension: 100 x 76 mm

Available for:

- Zen 30, 50, 100, 150
- Qube 30, 65, 100, 150
- Smart 30

TOUCH



Functions:

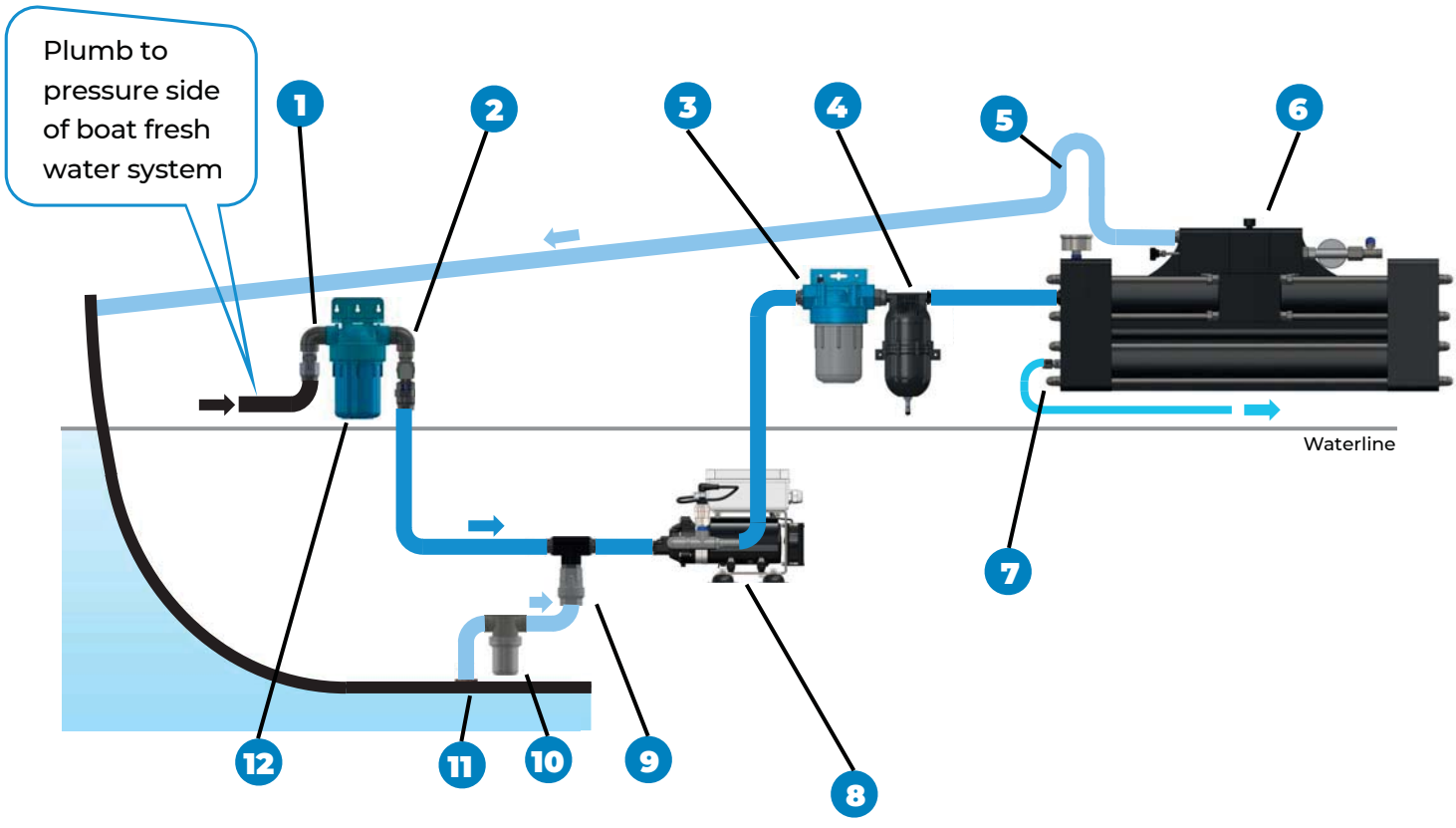
- Start/Stop
- Timer
- Automatic flushing
- Intensive flushing
- Periodic flushing
- Hours counter
- Automatic start up
- Assisted maintenance
- Salinity monitoring (optional)
- Flow meter (optional)
- Pressure meter (optional)
- Chartplotter interface (optional)
- Control from tank level switches

Dimension: 120 x 80 mm

Available for:

- Zen 100, 150
- Zen twin 200, 300
- Qube 65, 100, 150
- Smart 60, 80, 100
- Modular 60, 100, 150, 230, 300, 500

Typical **installation**



LEGEND

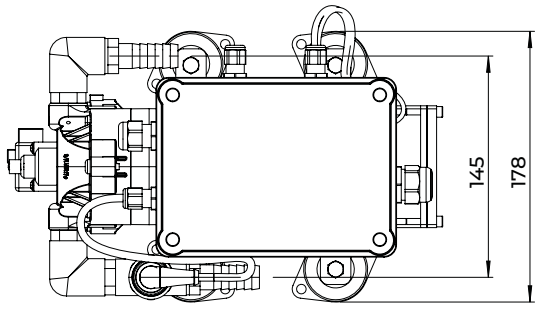
1. Pressurized fresh water valve
2. Electrovalve
3. 5 micron filter
4. Accumulator
5. Swan neck upwater-Discharge
6. Watermaker
7. Fresh water outlet
8. Pump
9. Non return valve
10. Mesh filter
11. Sea water inlet
12. Active carbon filter

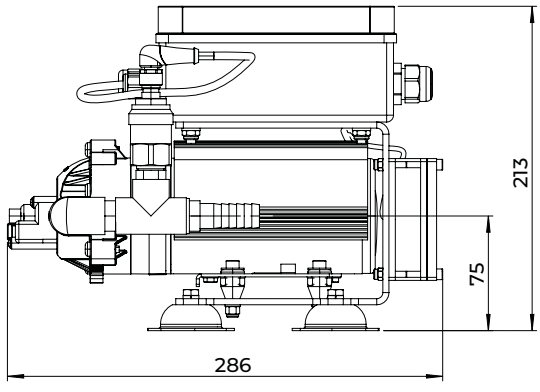
Feed pumps

30 lit/h

AVAILABLE FOR zen 30 | qube 30 | smart 30



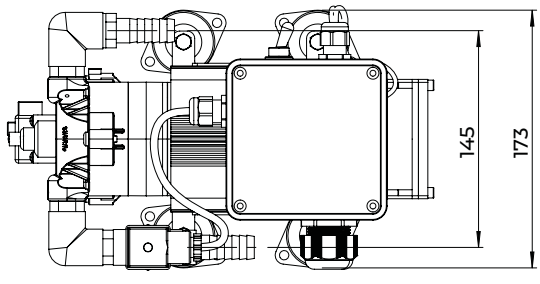


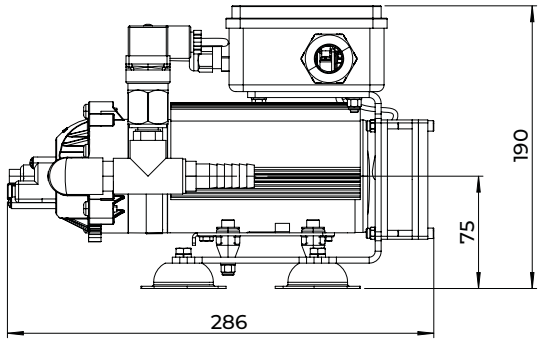


30 lit/h

AVAILABLE FOR zen 30 race



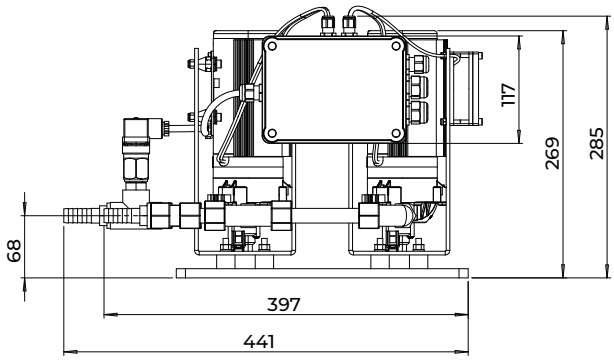


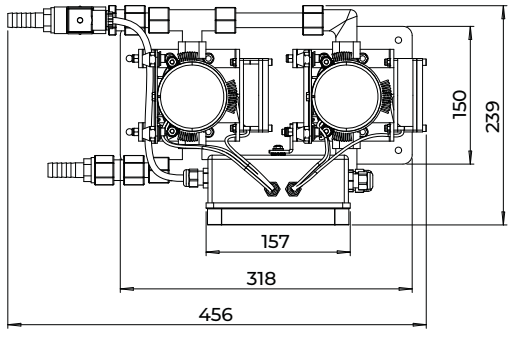


50 - 60 lit/h

AVAILABLE FOR zen 50 | smart 60 | modular 60



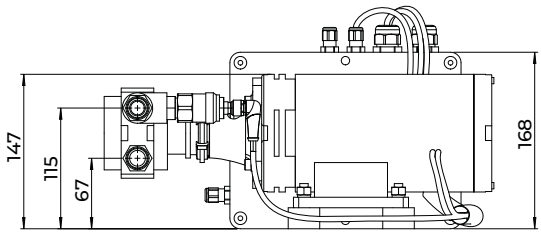


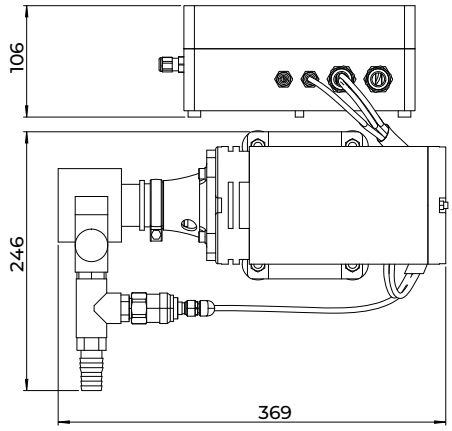


80 - 100 lit/h

AVAILABLE FOR zen 100 | twin 200 | smart 80 | smart 100 | modular 100





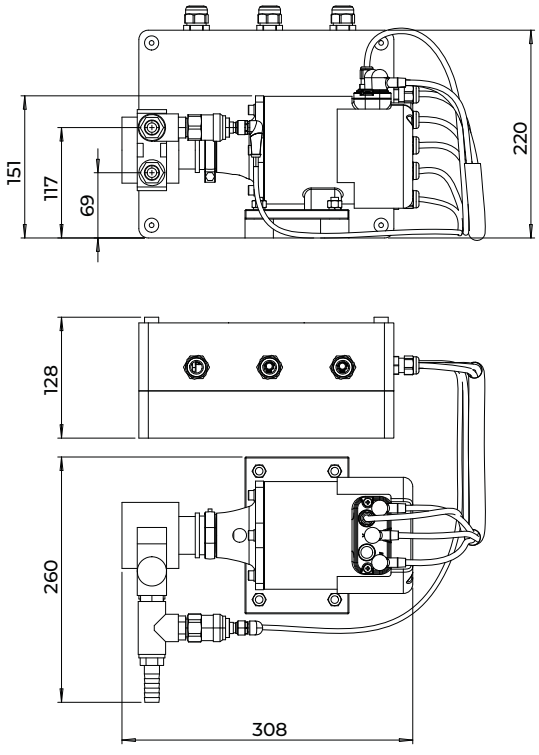


60 - 100
lit/h

AVAILABLE FOR qube 65 | qube 100

brushless motor

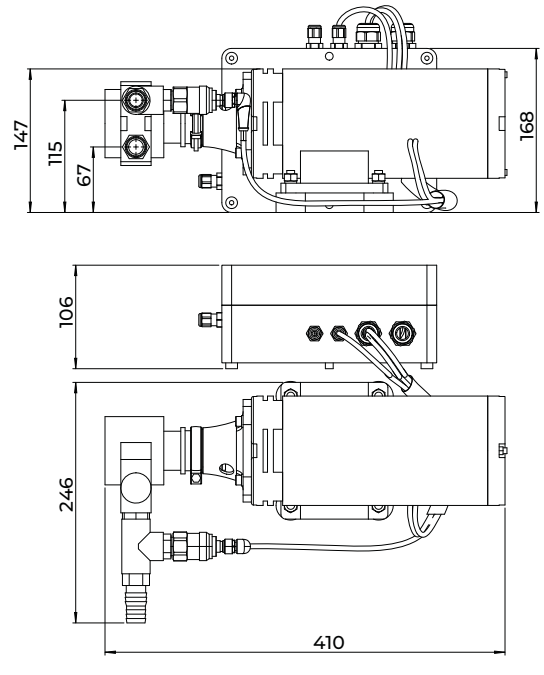




150
lit/h

AVAILABLE FOR zen 150 | twin 300 | modular 150



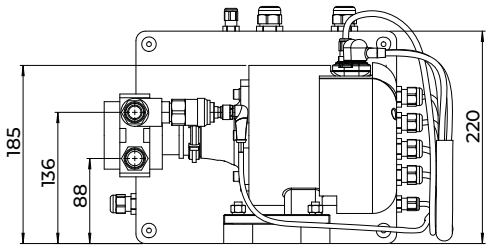


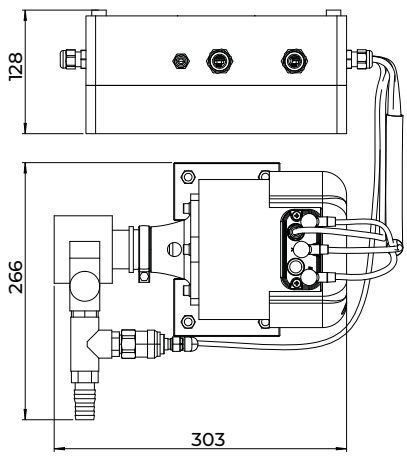
150
lit/h

AVAILABLE FOR qube 150

brushless motor



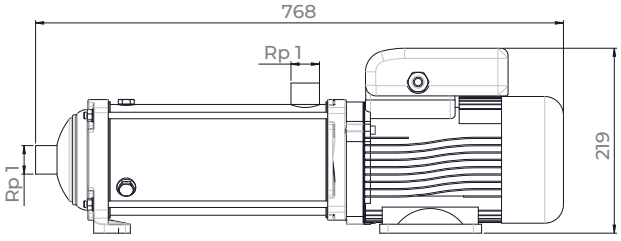


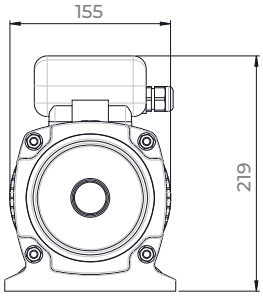


230
lit/h

AVAILABLE FOR modular 230





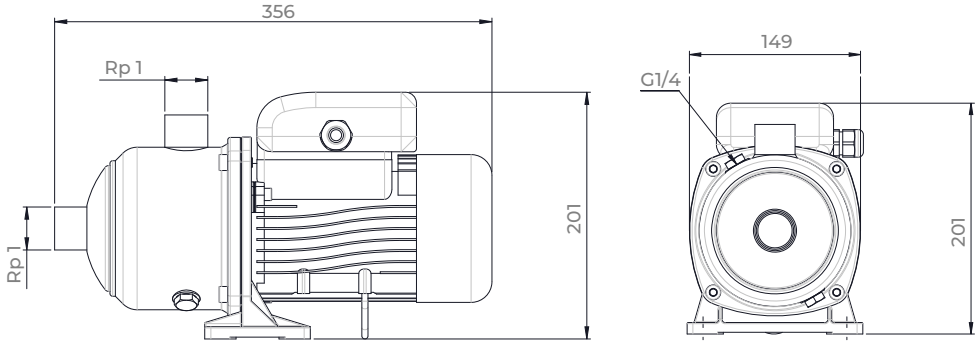


Pre **pumps**



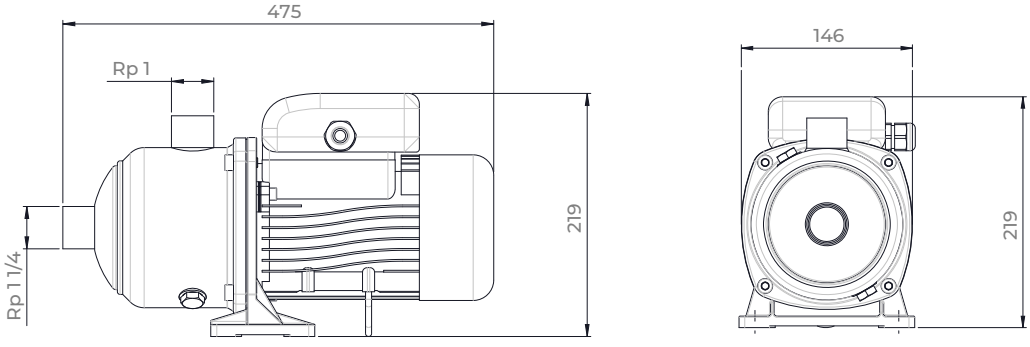
230 - 300
lit/h

AVAILABLE FOR modular 230 | modular 300



500
lit/h

AVAILABLE FOR modular 500

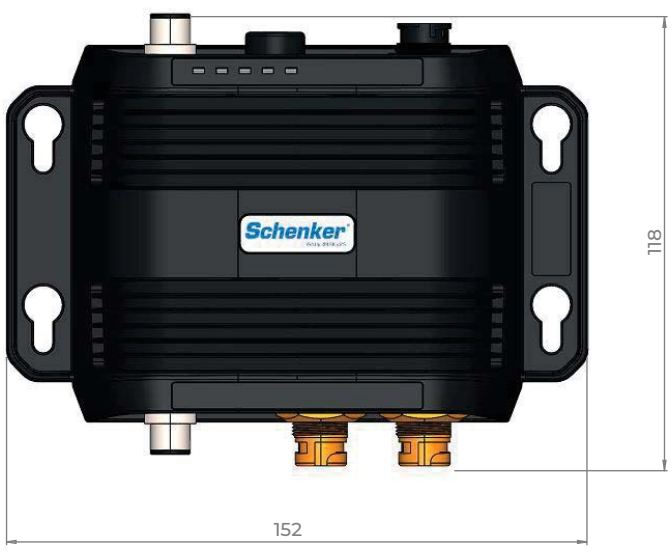


Connettivity

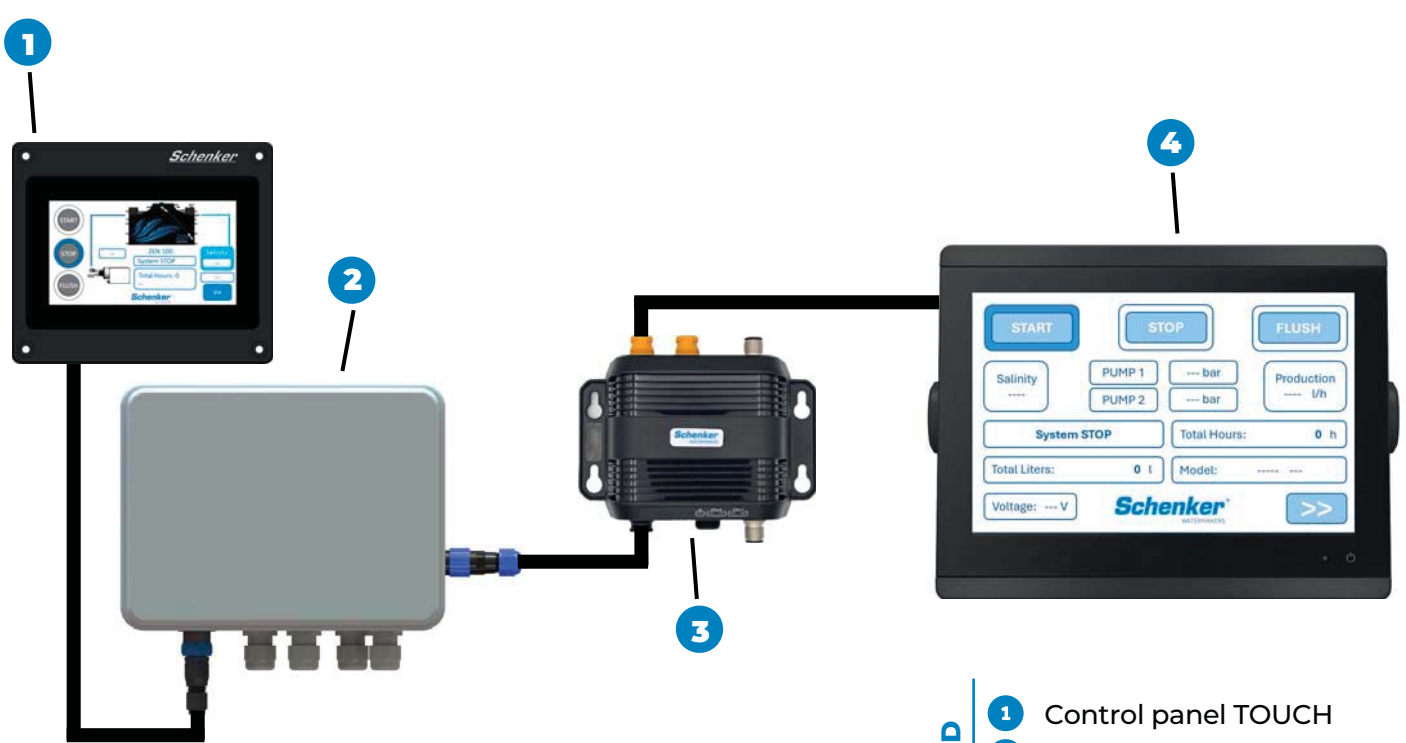
Chartplotter Interface

The Schenker MFD interface allows you to control watermakers equipped with a TOUCH control panel directly from the main chartplotters available on the market, compatible with HTML5 applications (SIMRAD, B&G, LOWRANCE, GARMIN, RAYMARINE) via a LAN connection.









LEGEND

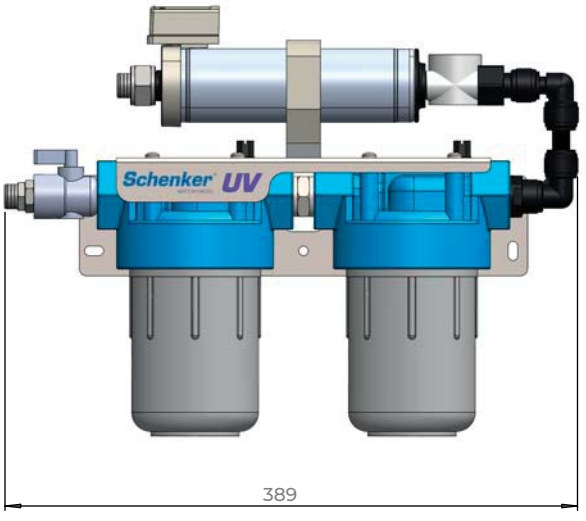
1. Control panel TOUCH
2. Computer box
3. Interface system
4. Chartplotter (not included)

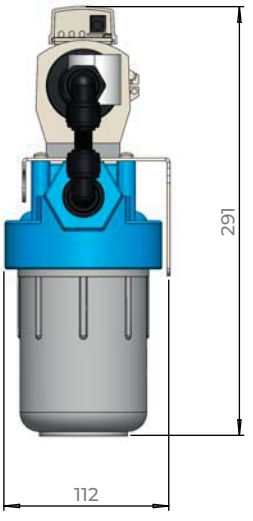
Fresh water **treatments**

Schenker UV purification system



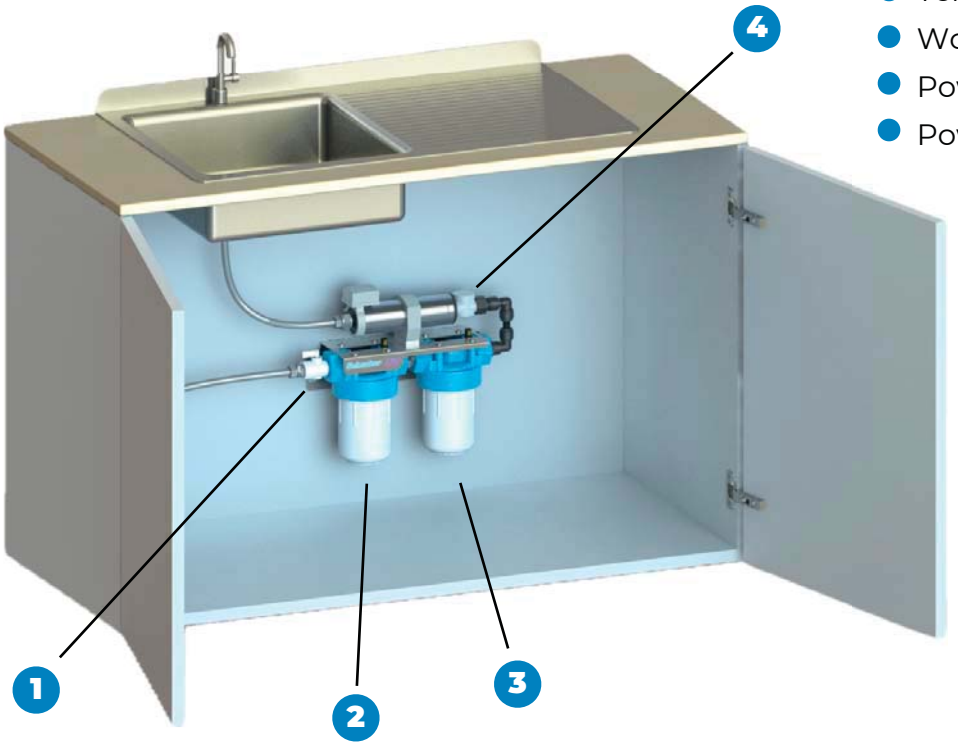
Schenker UV is based on a latest-generation ultraviolet LED lamp, combined with a pair of filters. The lamp activates only during water flow, minimizing power consumption. It reduces bacterial load by 99.9% (for a flow rate of 10 liters/min). The filters eliminate sediments and improve the water's organoleptic qualities.
Power supply available: 12 and 24 V.
Suitable for fresh water pumps with a flow rate of up to 14 liters/min.





- Maximum flow rate: 14 l/min
- Temperature range: 0-45°C
- Working pressure: 0,5 - 8 bar
- Power consumption: 18 watts
- Power supply: 12/24 V

TYPICAL INSTALLATION



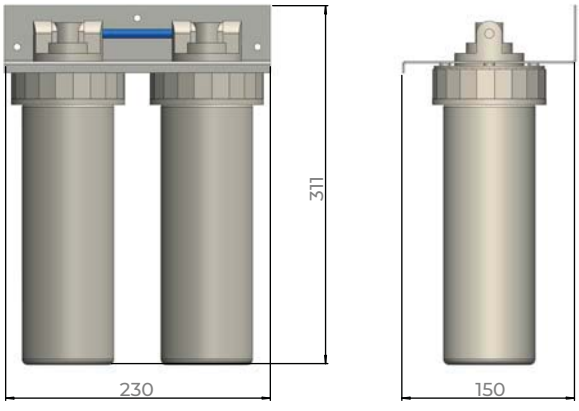
LEGEND

1. Ball valve
2. Active carbon filter
3. 5 micron filter
4. UV STERILIZER

Pick&Drink - Microfiltration

Pick and Drink is a complete kit to filter the water from the tank, increasing the quality of the water. The kit consists of a pair of pre-assembled microfilters and a dispenser. The system can be easily connected to the pressurized freshwater system of the boat. High quality of fresh water always available from the dispenser.

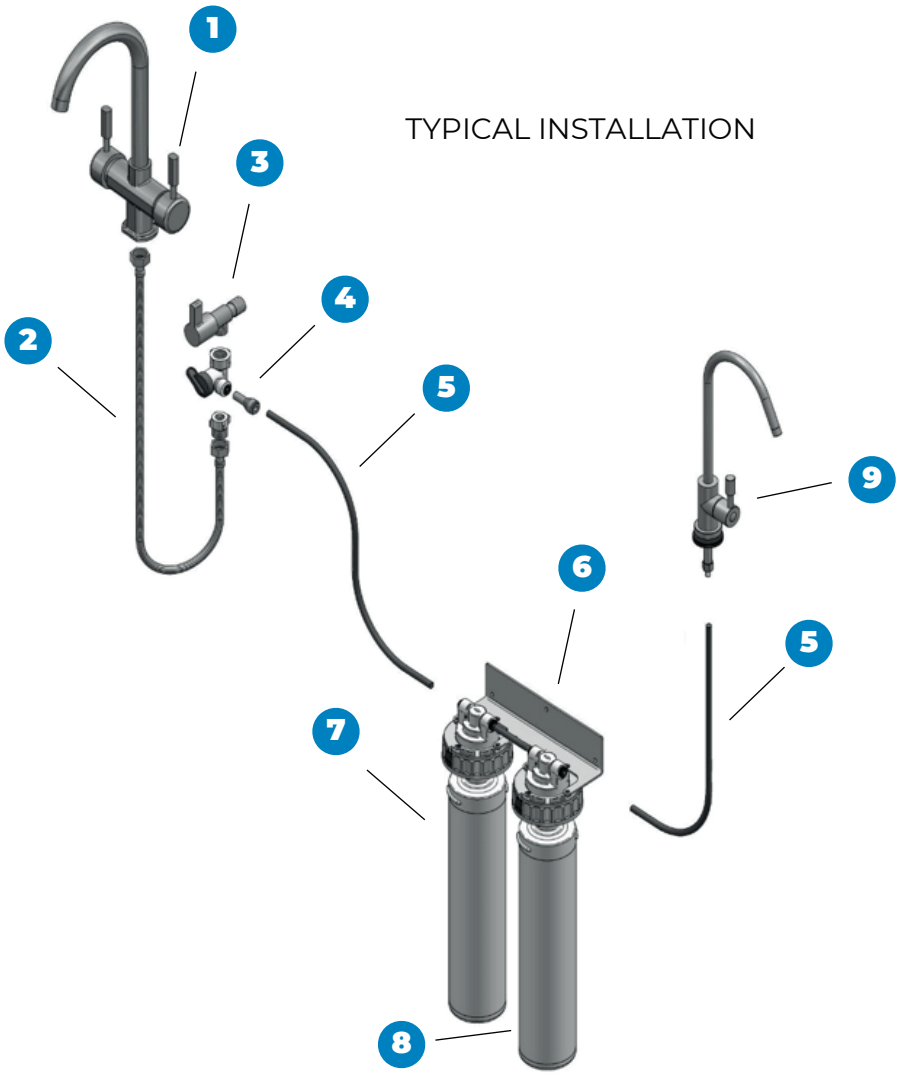




PICK&DRINK

- Flow rate: 3 l/min
- Temperature: 3-30°C
- Working pressure: 1-7 bar

TYPICAL INSTALLATION



LEGEND

1. Sink faucet
2. Sink hose
3. Wall-mounted water intake
4. Sampling valve
5. Hose PE 8X6 JG
6. PP housings group
7. Carbon block filter – 0,5 micron
8. Ultra-filtration – 0,15 micron
9. American Style faucet

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November 2026

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