

Schenker[®]

WATERMAKERS



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 drinking water.

80% LESS
POWER
CONSUMPTION

Schenker watermakers produce pure drinking 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.

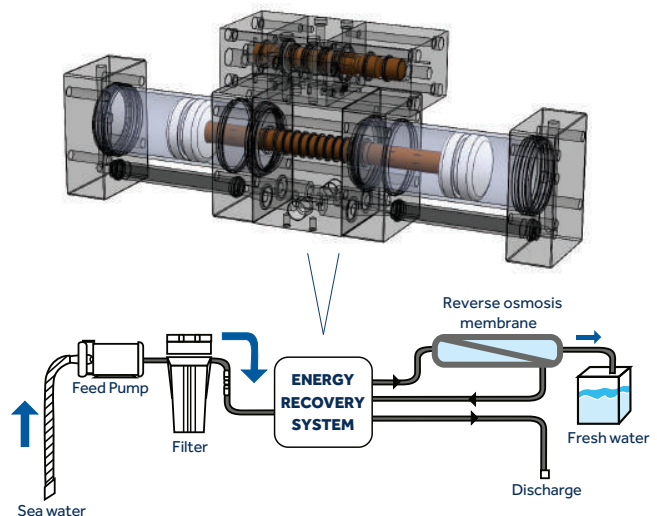
AUTOMATIC
MEMBRANE
FLUSHING

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 drinking water produced.

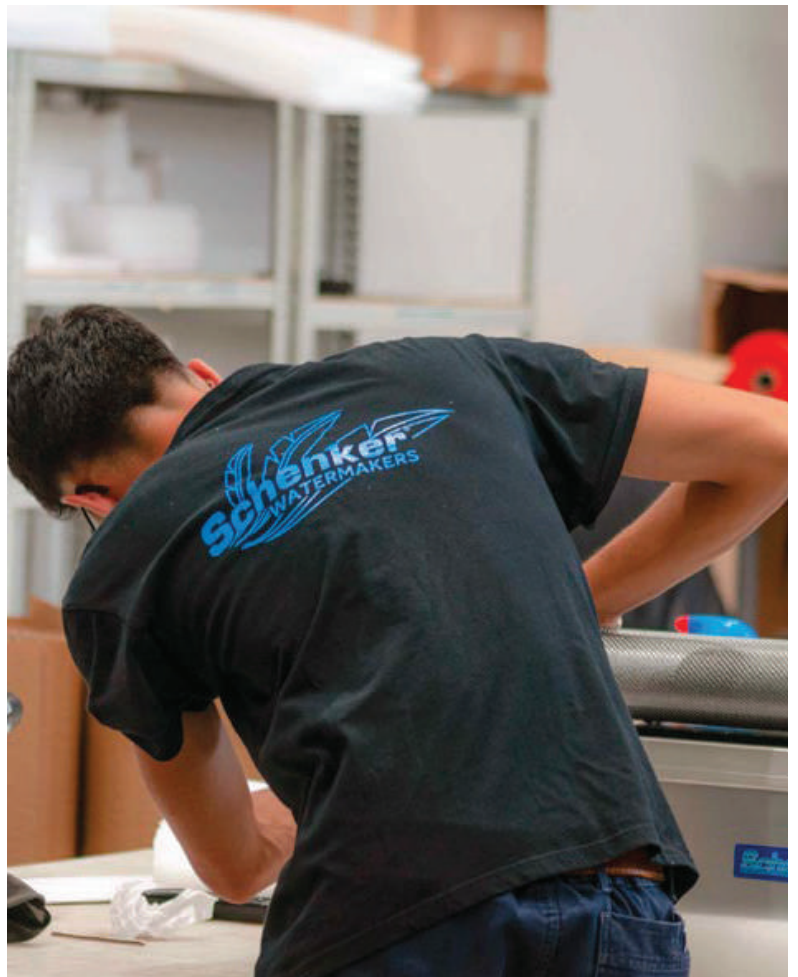


Designed to be

Schenker watermakers are simple, quiet, compact, efficient and fully automatic.

A Schenker watermaker will allow you to extend your cruising duration and increase your independence from marinas, allowing you to enjoy more time on the water.

Schenker's three-year warranty is backed up by our international network of sales and service representatives.



different.



THE NEW GENERATION WATERMAKERS

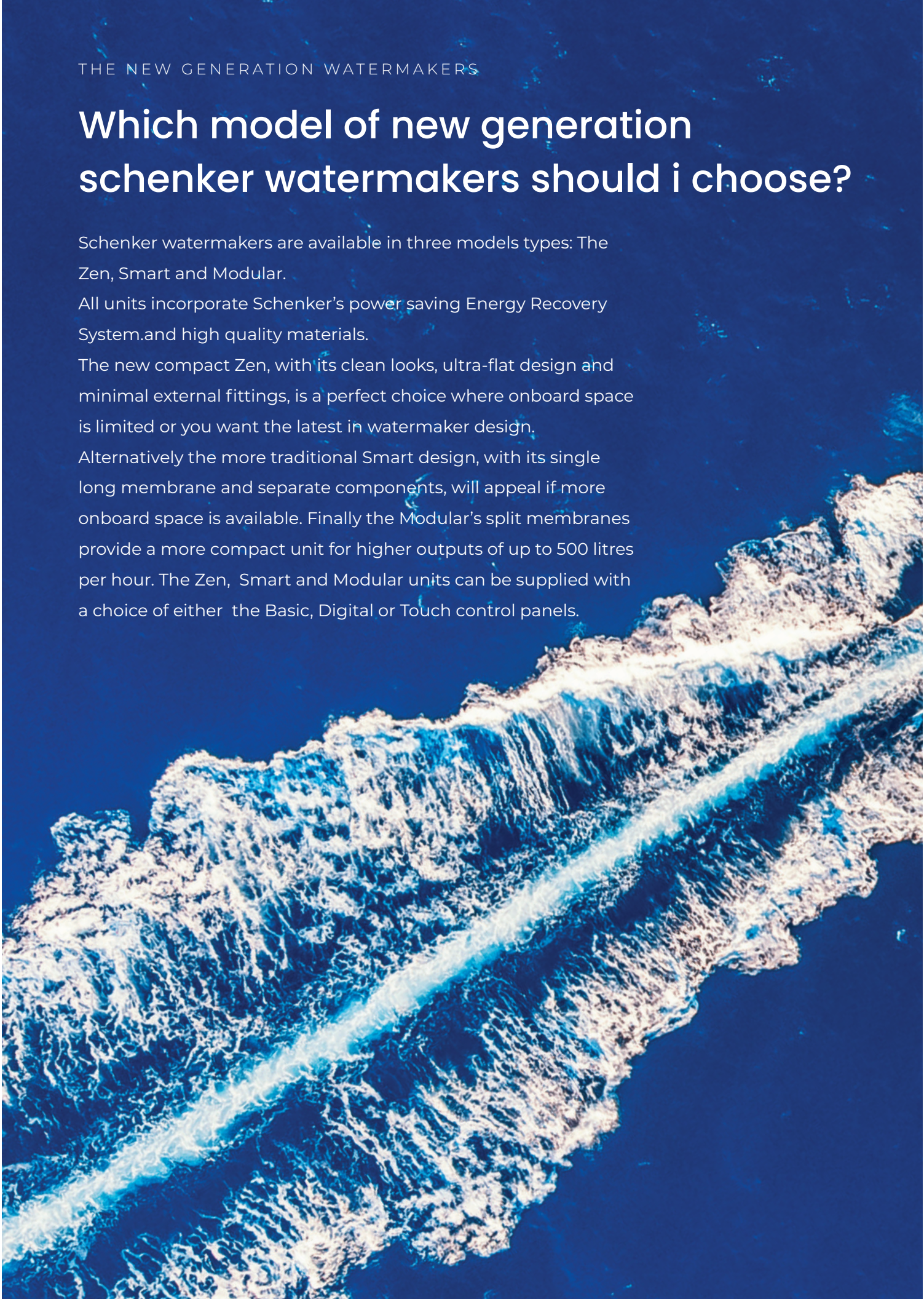
Which model of new generation schenker watermakers should i choose?

Schenker watermakers are available in three models types: The Zen, Smart and Modular.

All units incorporate Schenker's power saving Energy Recovery System.and high quality materials.

The new compact Zen, with its clean looks, ultra-flat design and minimal external fittings, is 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, Smart and Modular units can be supplied with a choice of either the Basic, Digital 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



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



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

**35 - 60 - 100 - 150
230 - 300 - 500 litres/hour**

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



Power Supply

12 / 24 V



Consumption

110 Watt



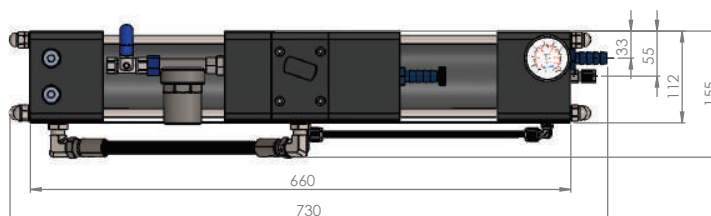
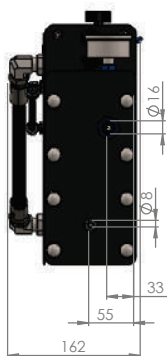
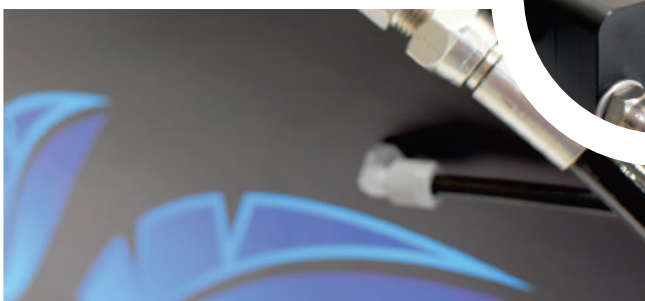
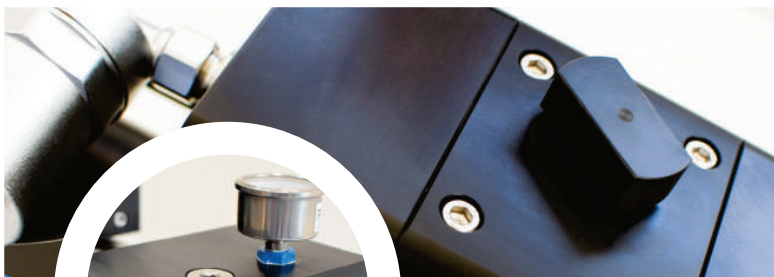
Weight

22 Kg



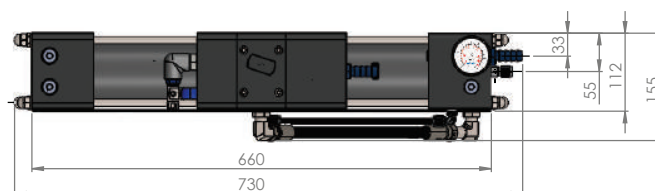
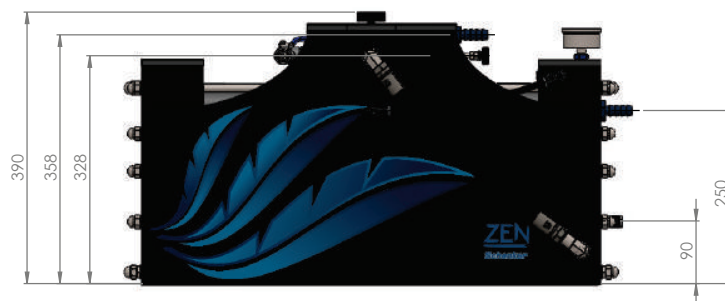
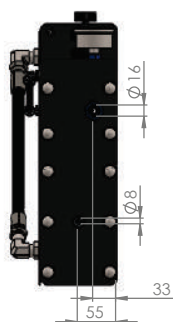
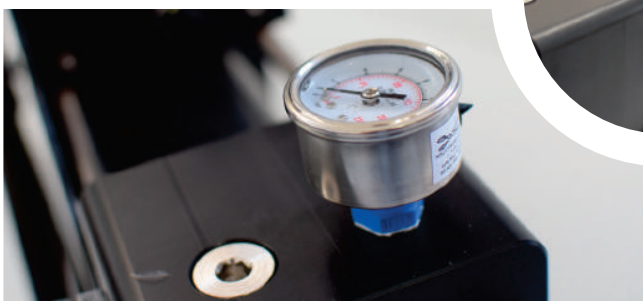
Membranes

n° 1 2,5" x 21"







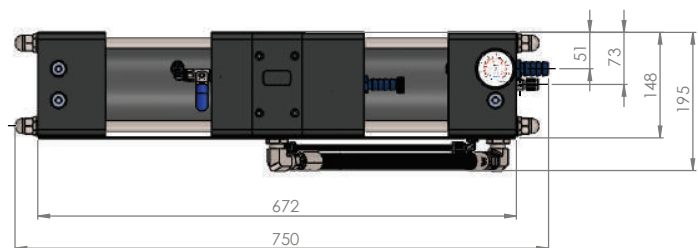
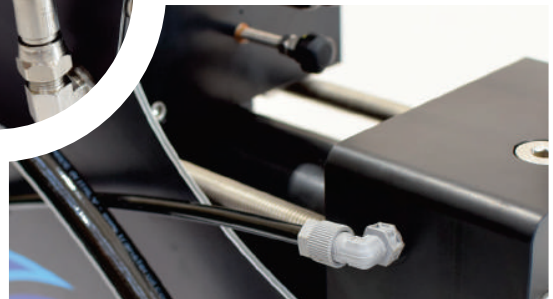


	Power Supply	12 / 24 V
	Consumption	240 Watt
	Weight	31 Kg
	Membranes	n°2 2,5" x 21"





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





Power Supply

24 VDC or AC



Consumption

600 Watt



Weight

62 Kg



Membranes

n°2 4" x 21"

8/10 PERSONS



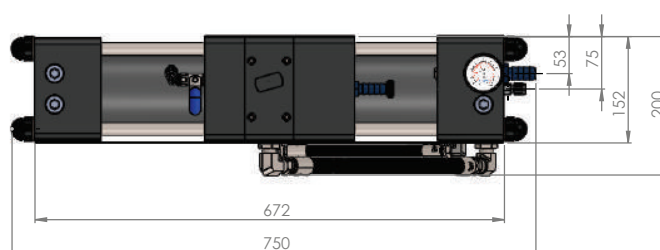
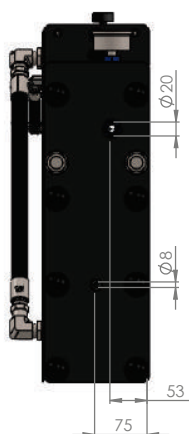
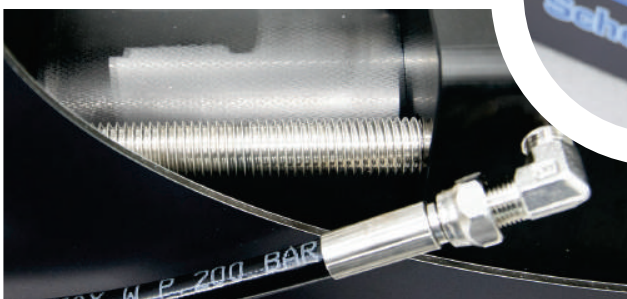
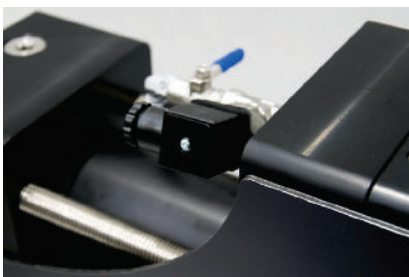
50/60 FEET SAILBOAT



40/50 FEET CATAMARAN

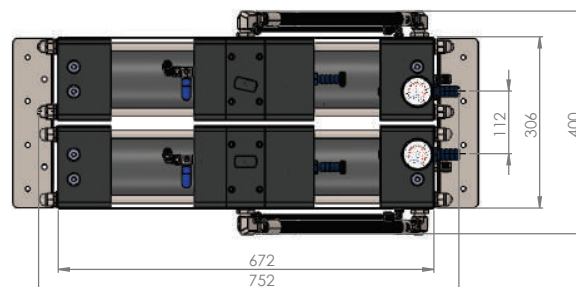
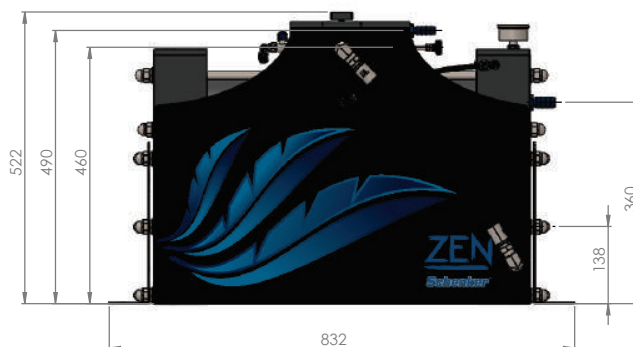
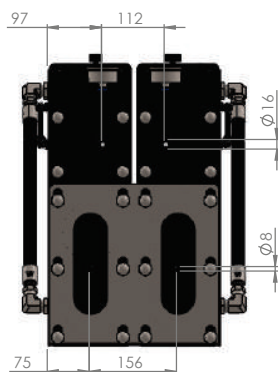


40/50 FEET POWERBOAT





	Power Supply	12-24 VDC or AC
	Consumption	800 Watt
	Weight	102 Kg
	Membranes	n°2 4" x 21"





Power Supply

24 VDC or AC



Consumption

1,2 kWatt



Weight

120 Kg



Membranes

n°2 4" x 21"

12/14
PERSONS



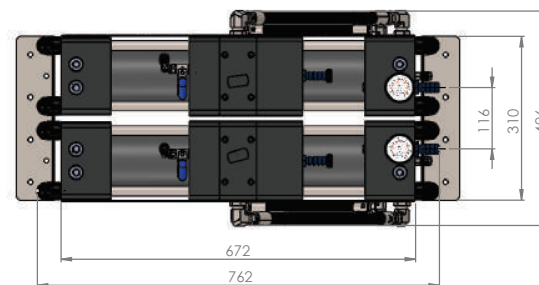
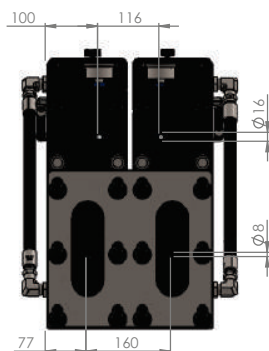
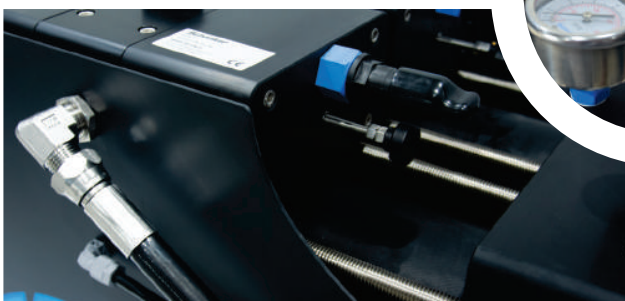
60/70 FEET
SAILBOAT



55/65 FEET
CATAMARAN



55/65 FEET
POWERBOAT





Power Supply 12 / 24 VDC

Consumption 110 Watt

Weight 25 Kg

Membranes n°1 2,5" x 21"

1/4 PERSONS



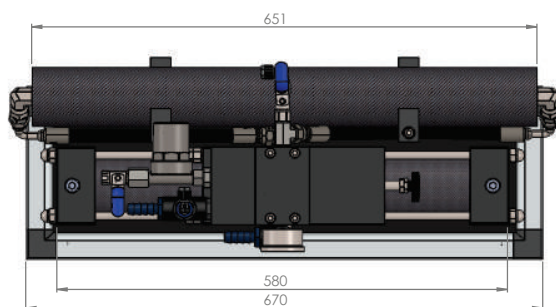
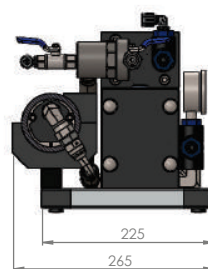
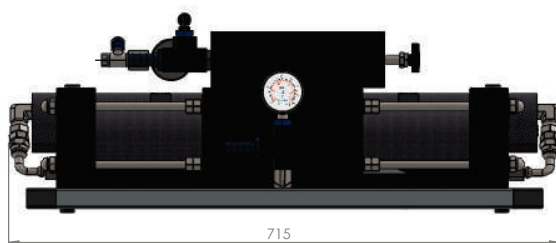
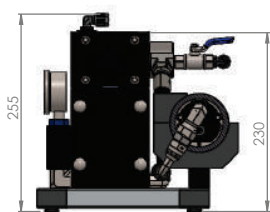
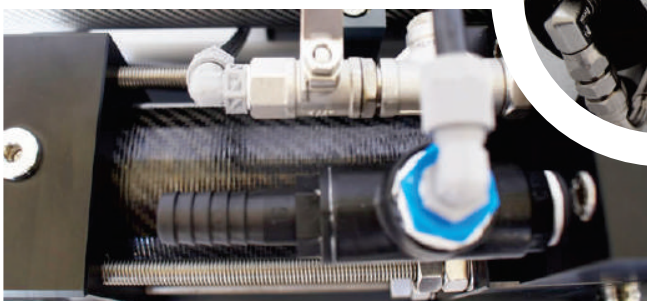
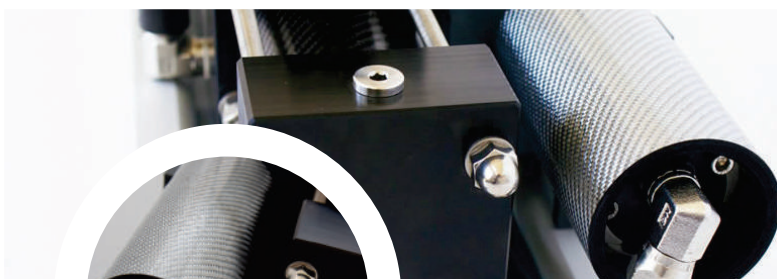
30/40 FEET SAILBOAT

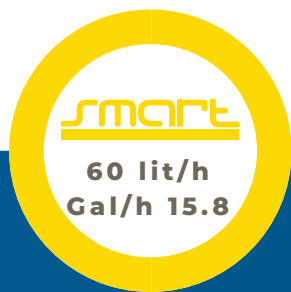


25/35 FEET CATAMARAN



25/35 FEET POWERBOAT



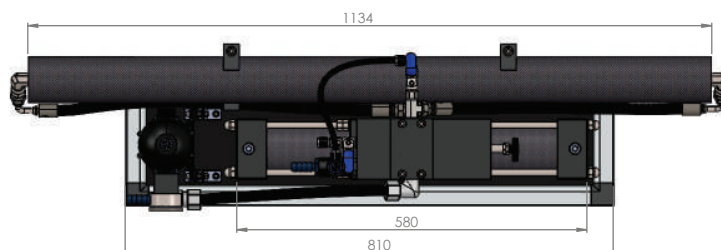
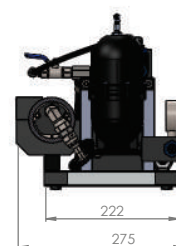
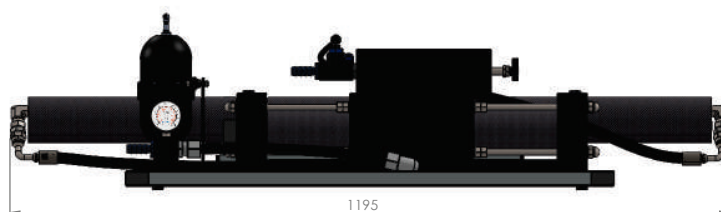
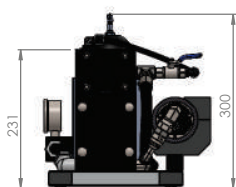


 Power Supply 12 / 24 VDC or AC

 Consumption 240 Watt

 Weight 31 Kg

 Membranes n°1 2,5" x 40"





 Power Supply 12 / 24 VDC or AC

 Consumption 380 Watt

 Weight 35 Kg

 Membranes n°2 2,5" x 40"

6/7
PERSONS



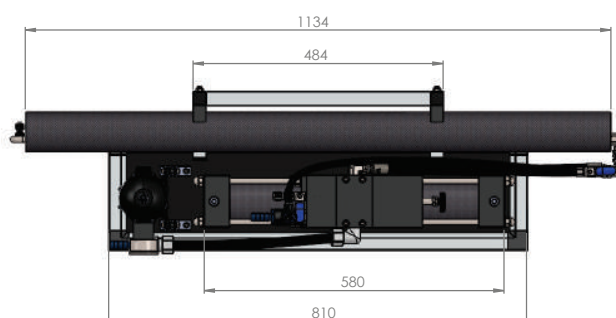
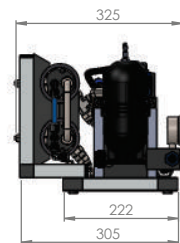
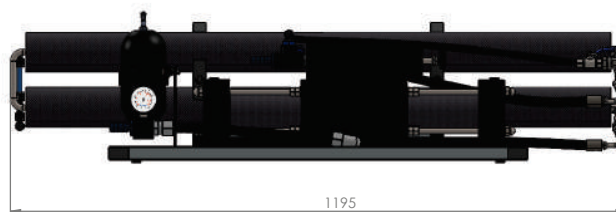
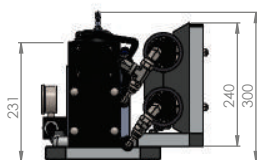
40/50 FEET
SAILBOAT



35/45 FEET
CATAMARAN



35/45 FEET
POWERBOAT





Power Supply 12 / 24 VDC or AC

Consumption 400 Watt

Weight 48 Kg

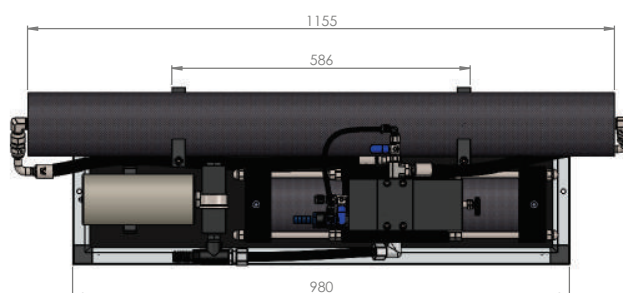
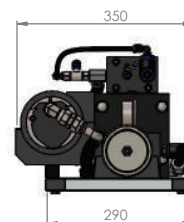
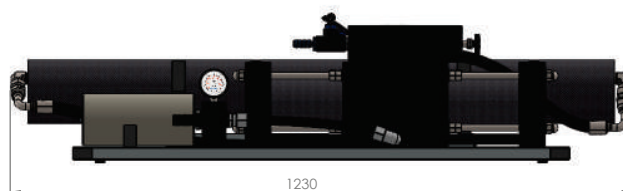
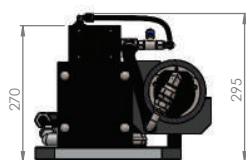
Membranes n°1 4" x 40"

6/8
PERSONS

45/55 FEET
SAILBOAT

35/45 FEET
CATAMARAN

35/45 FEET
POWERBOAT



MODULAR

35 lit/h
Gal/h 9



Power Supply

12 / 24 VDC



Consumption

100 Watt



Weight

31 Kg



Membranes

n°2 2,5" x 21"



1/4
PERSONS



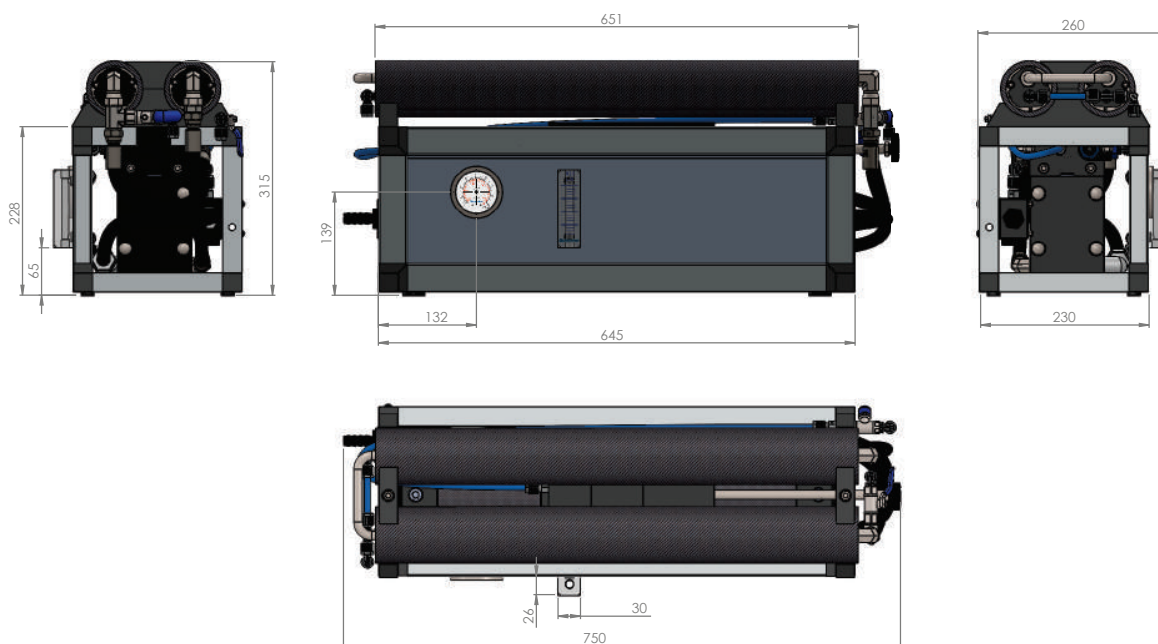
30/40 FEET
SAILBOAT



25/35 FEET
CATAMARAN



25/35 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"

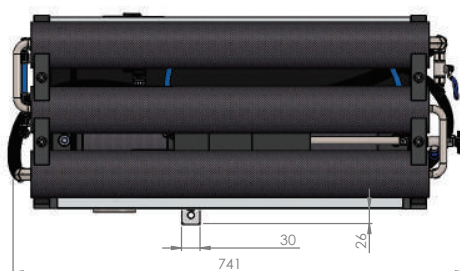
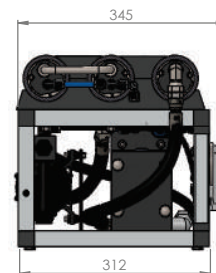
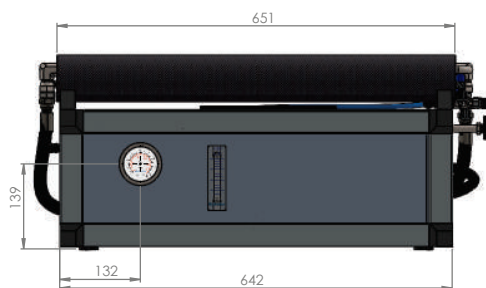
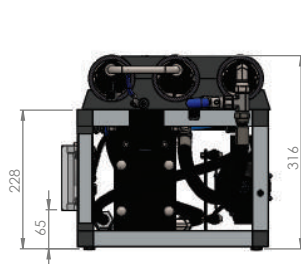
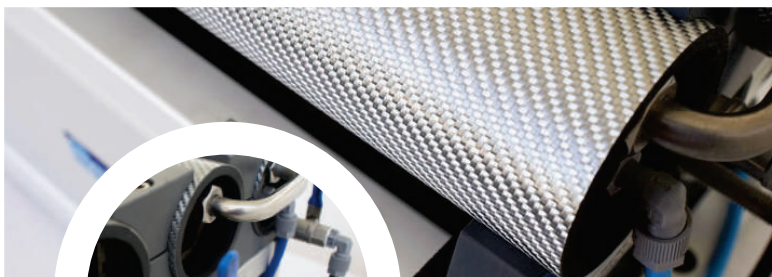
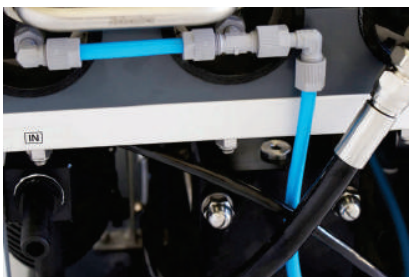


4/6
PERSONS

35/45 FEET
SAILBOAT

30/40 FEET
CATAMARAN

30/40 FEET
POWERBOAT



MODULAR

100 lit/h
Gal/h 26.4



Power Supply

12 / 24 VDC or AC



Consumption

400 Watt



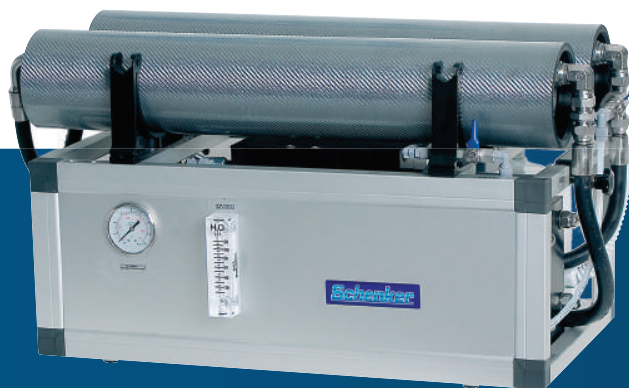
Weight

58 Kg



Membranes

n°2 4" x 21"



6/8
PERSONS



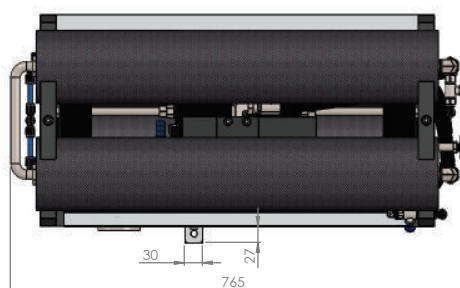
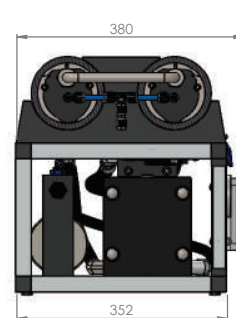
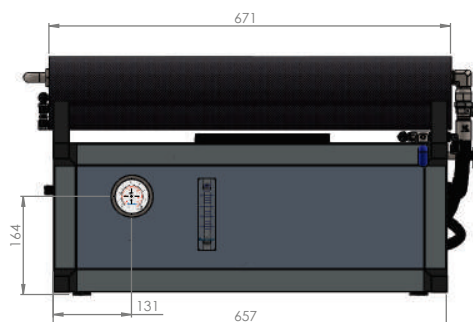
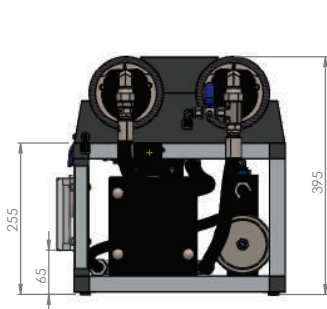
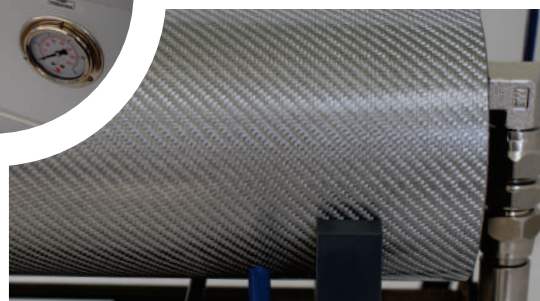
45/55 FEET
SAILBOAT



35/45 FEET
CATAMARAN



35/45 FEET
POWERBOAT



MODULAR

150 lit/h
Gal/h 39.6



Power Supply

24 VDC or AC



Consumption

600 Watt



Weight

69 Kg



Membranes

n°1 4" x 40"



8/10
PERSONS



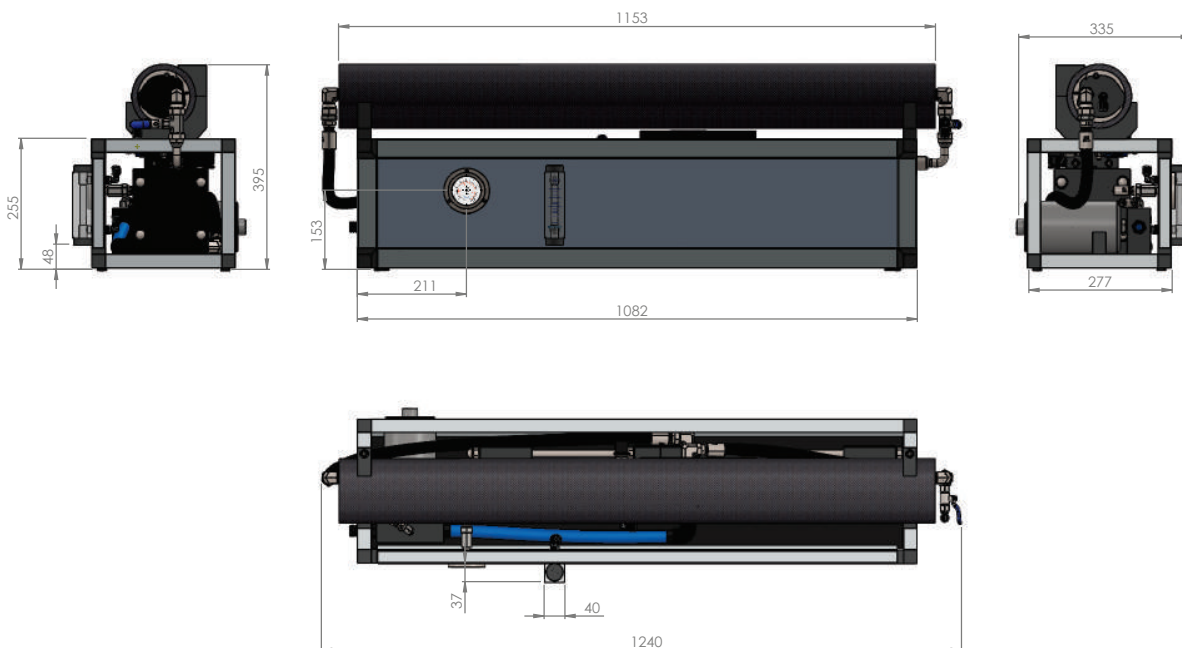
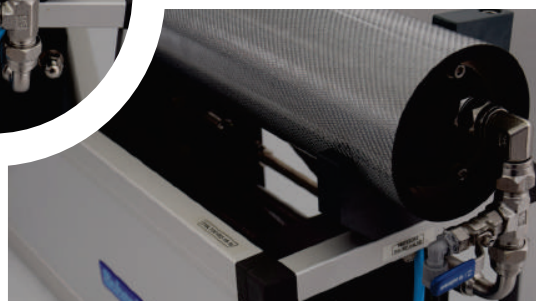
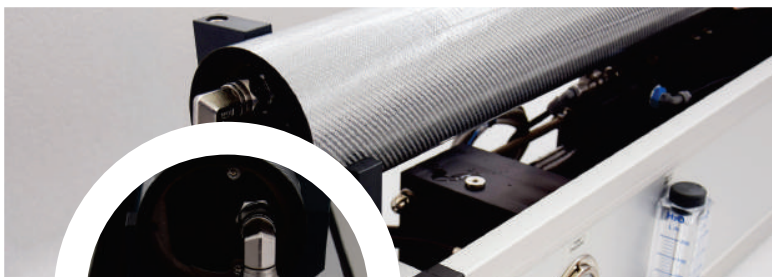
50/60FEET
SAILBOAT



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



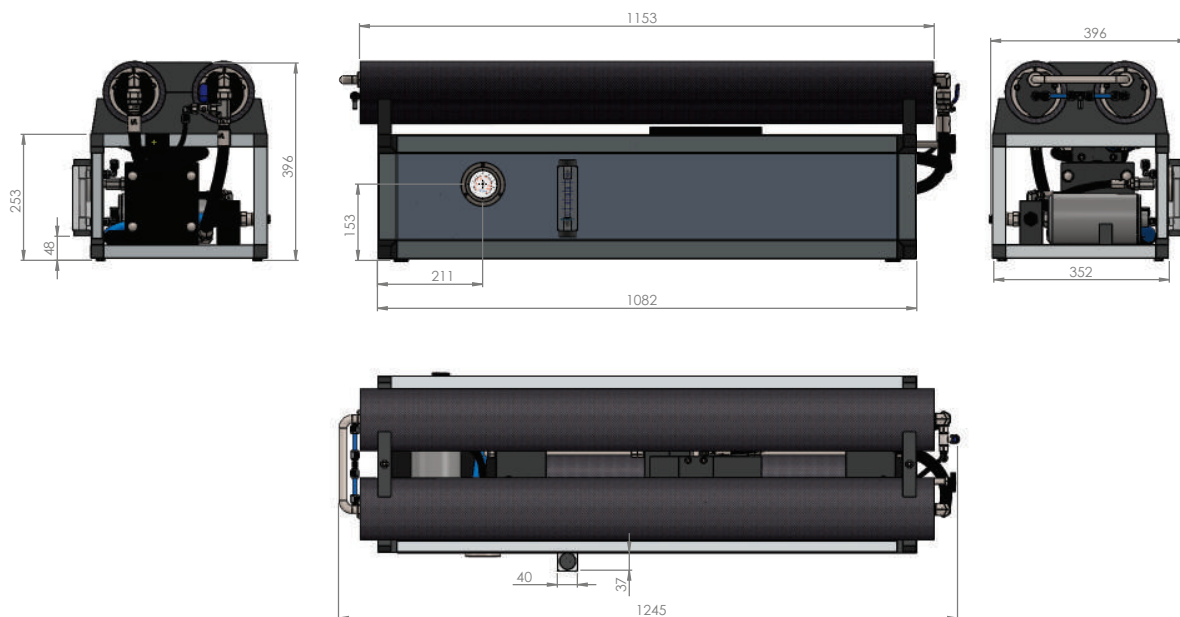
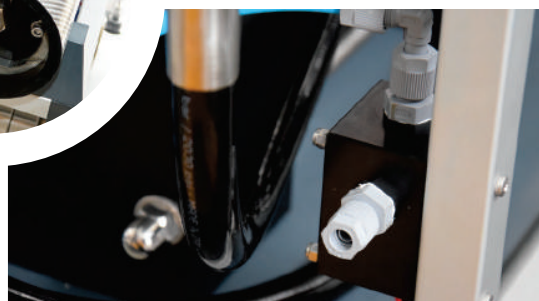
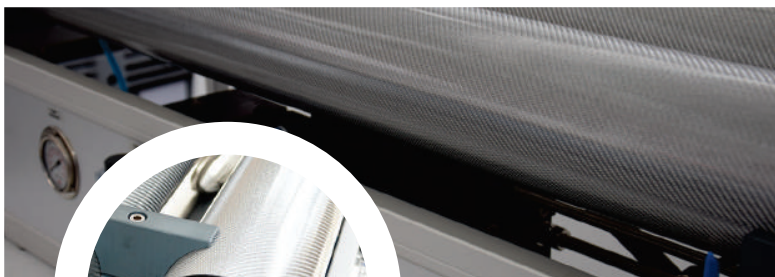
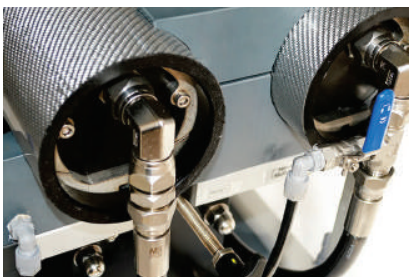
55/65 FEET
SAILBOAT



50/60 FEET
CATAMARAN



50/60 FEET
POWERBOAT



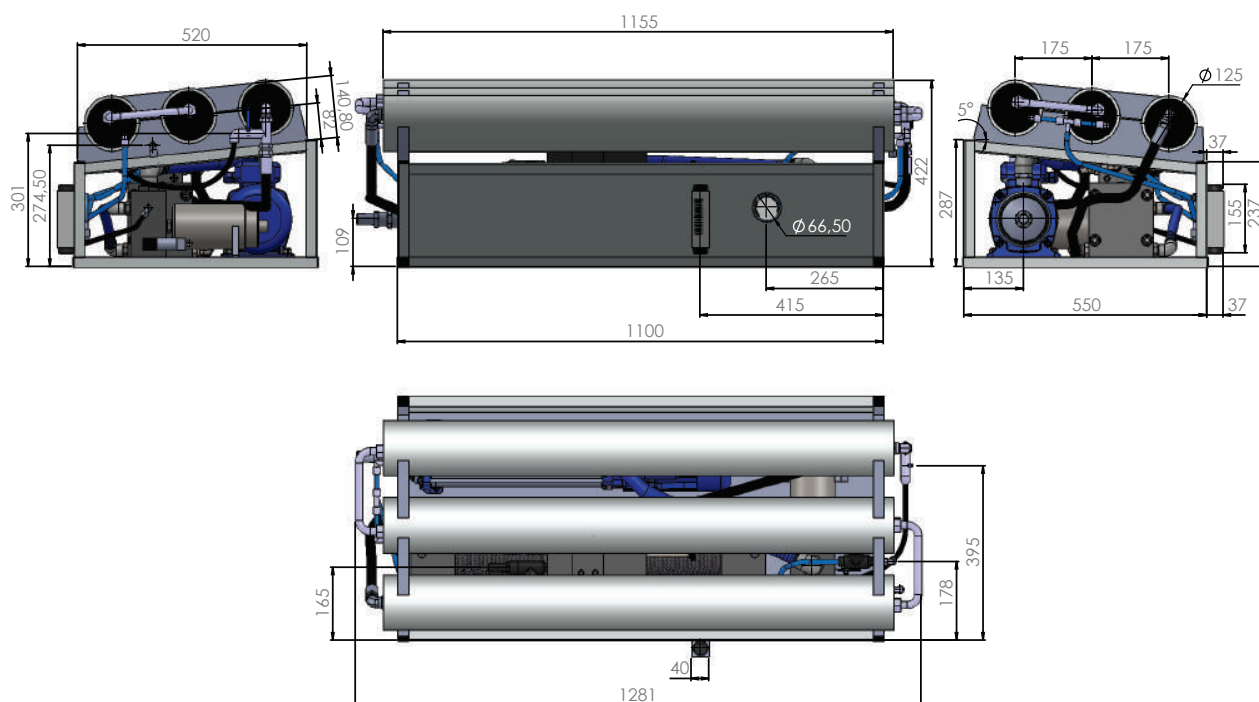
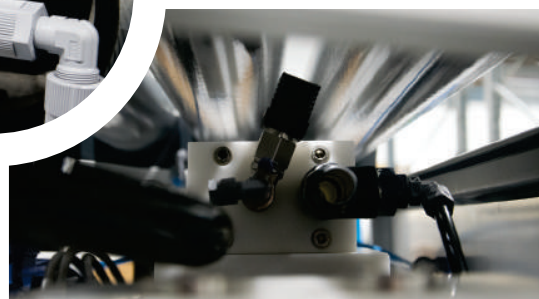
MODULAR

**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"



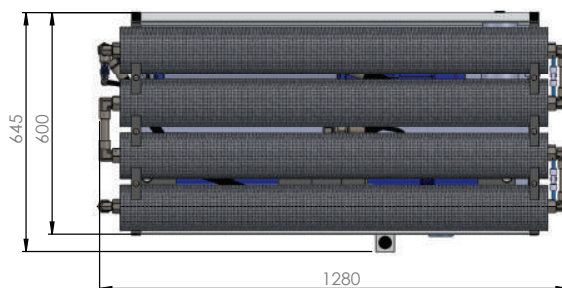
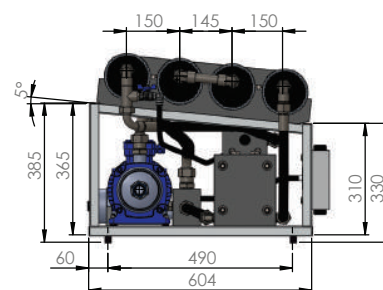
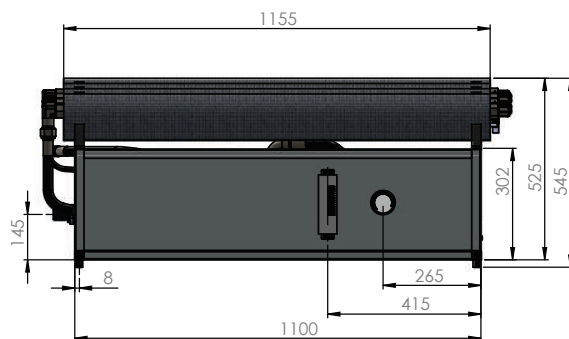
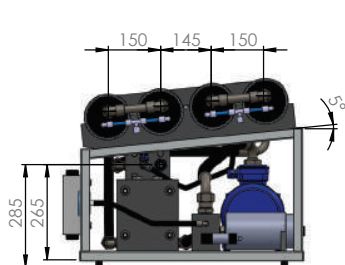
MODULAR

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"



Remote panels

BASIC



Functions:

- Start/stop
- Back flush
- Timer

Dimension: 100 x 66 mm

Available for:

- Zen 30, 50, 100, 150
- Smart 30, 60, 80, 100
- Modular 35, 60, 100

DIGITAL



Functions:

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

Dimension: 135 x 115 mm

Available for:

- Smart 30, 60, 80, 100
- Modular 35, 60, 100, 150, 230, 300, 500

TOUCH



Functions:

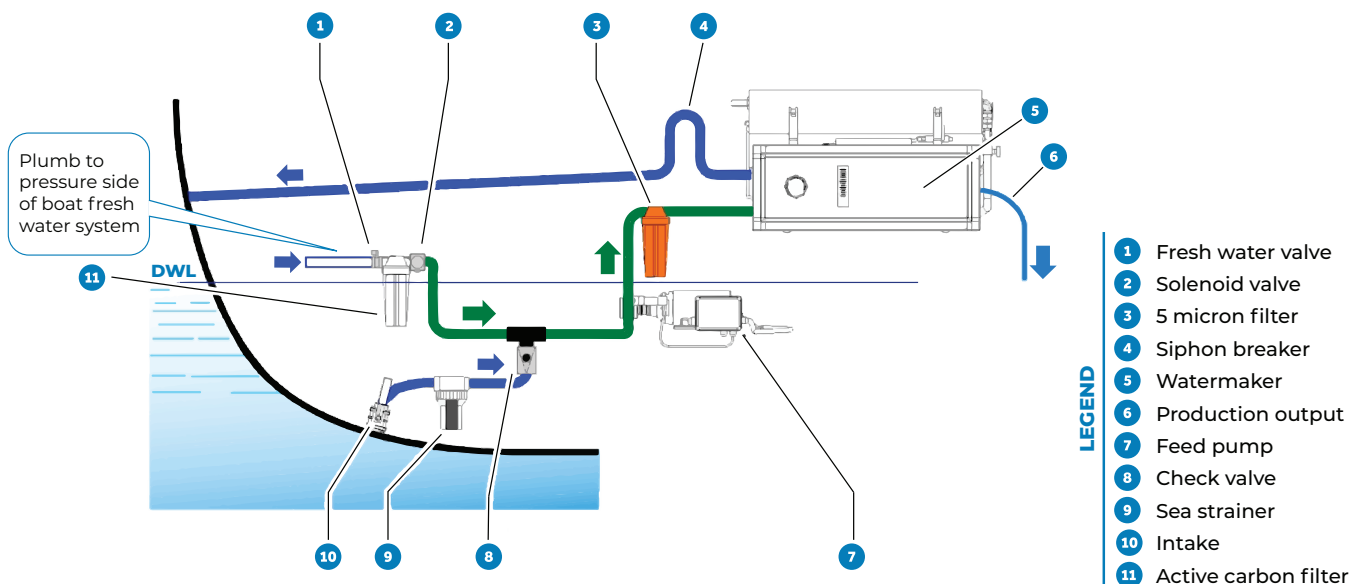
- Remote Start/Stop
- Timer
- Automatic flushing
- Intensive flushing
- Periodic flushing
- Hours counter
- Automatic start up
- Assisted maintenance
- Salinity monitoring (optional)
- Flow meter (optional)
- Pressure meter (optional)
- Control from tank level switches

Dimension: 120 x 80 mm

Available for:

- Zen 100, 150
- Zen twin 200, 300
- Smart 30, 60, 80, 100
- Modular 35, 60, 100, 150, 230, 300, 500

Typical installation



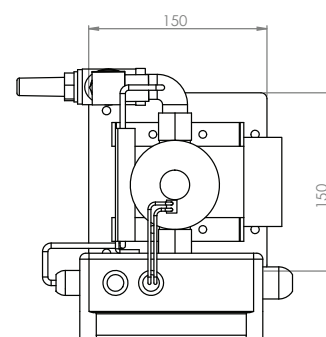
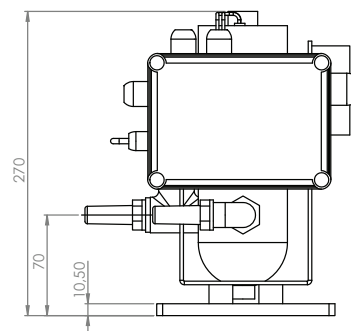
Feed pumps

All watermakers in the 30-150 litres per hour range are fitted with a single feed pump.
A choice of pump configurations offers flexible options when space is limited.

30 lit/h

AVAILABLE FOR

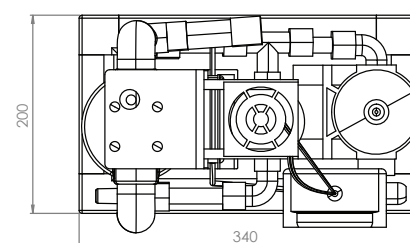
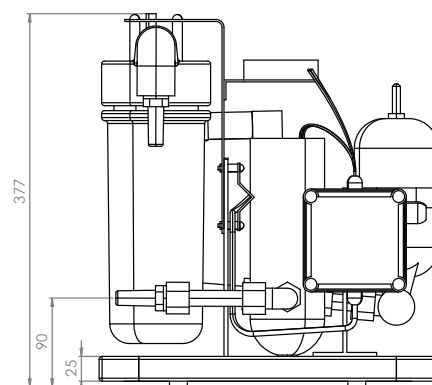
zen 30



30 - 35
lit/h

AVAILABLE FOR

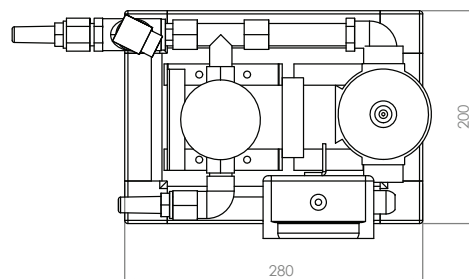
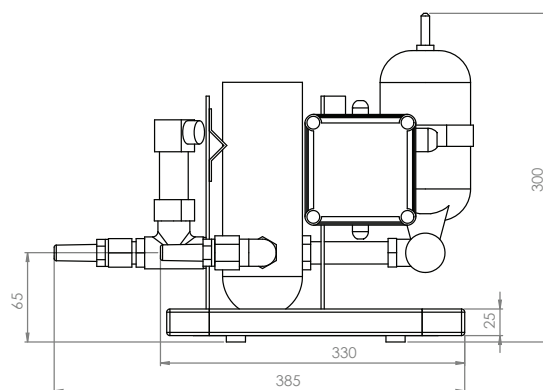
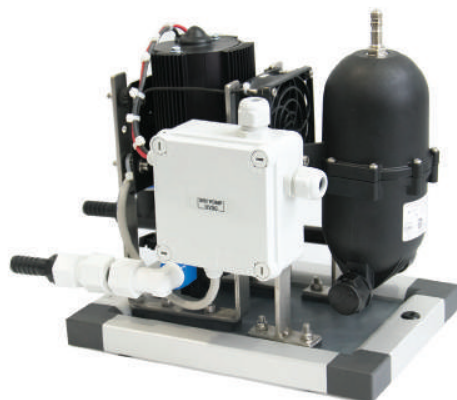
smart 30 | modular 35



30 - 35
lit/h

AVAILABLE FOR

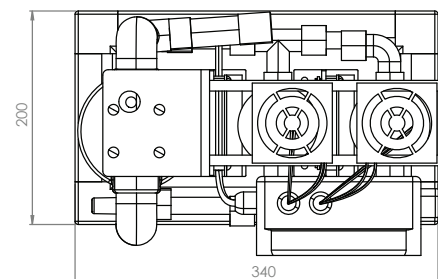
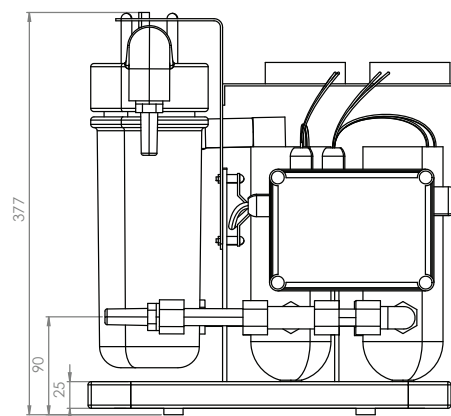
smart 30 | modular 35
with external filter

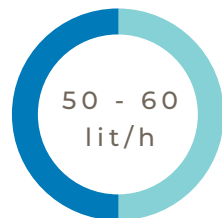


60 lit/h

AVAILABLE FOR

smart 60 | modular 60

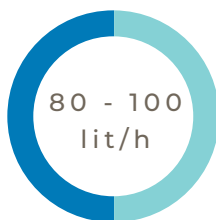
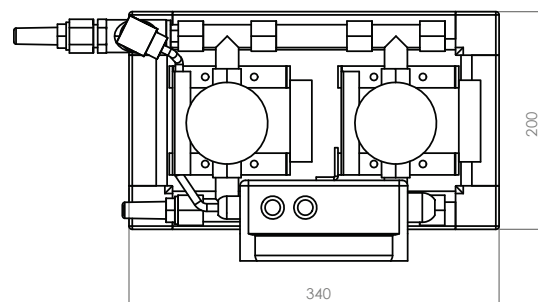
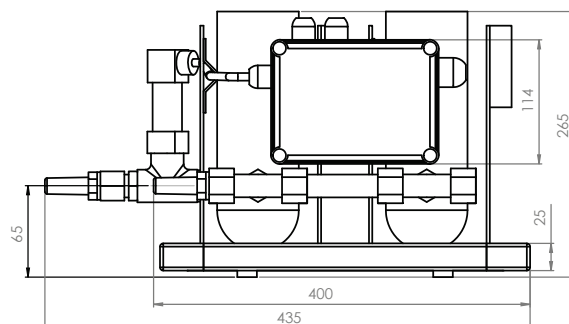




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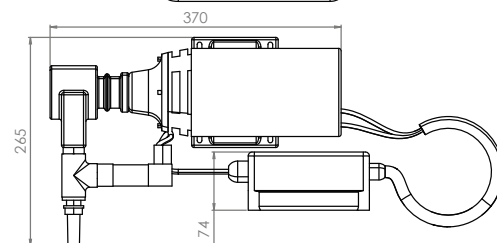
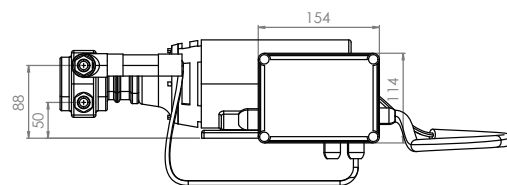
zen 50 | smart 60 | modular 60

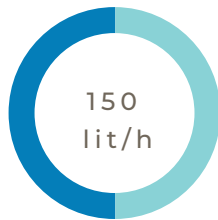
with external filter



AVAILABLE FOR

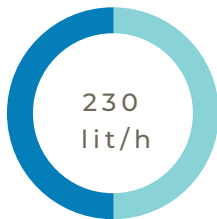
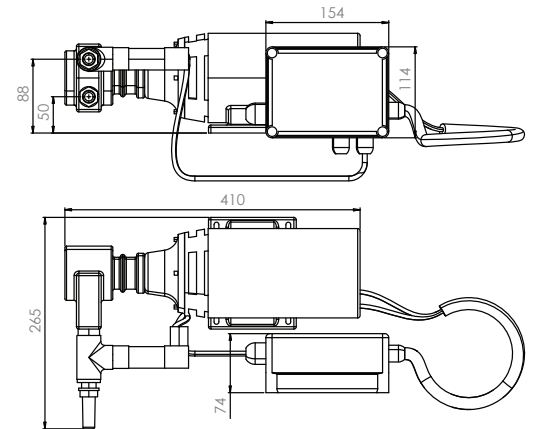
zen 100 | twin 200 | smart 80 | smart 100 | modular 100





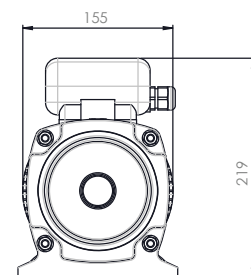
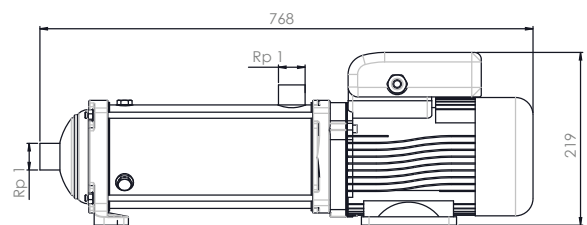
AVAILABLE FOR

zen 150 | twin 300 | modular 150

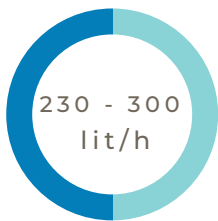


AVAILABLE FOR

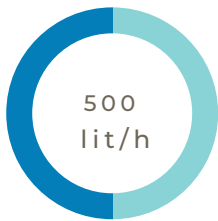
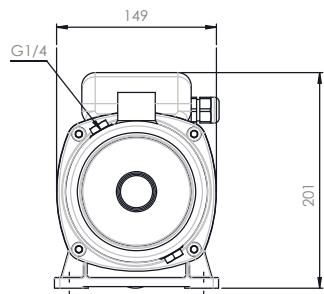
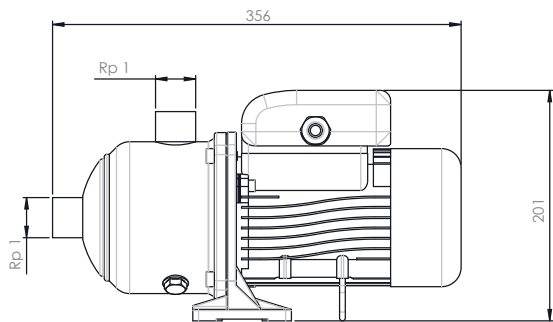
modular 230



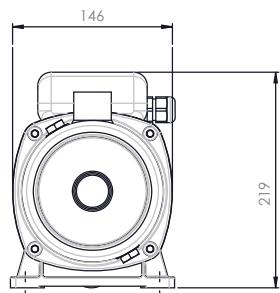
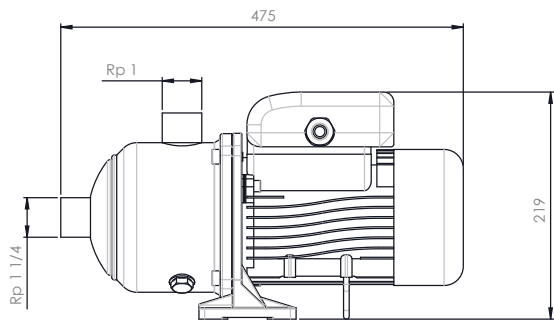
Pre pumps



AVAILABLE FOR modular 230 | modular 300



AVAILABLE FOR modular 500





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WATERMAKERS



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November 2022

