

Schenker[®]

WATERMAKERS



www.schenkerwatermakers.com



MANUFACTURER OF HIGH QUALITY MARINE WATERMAKERS.

SCHENKER WATERMAKERS COMPANY

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 WATERMAKER?

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.

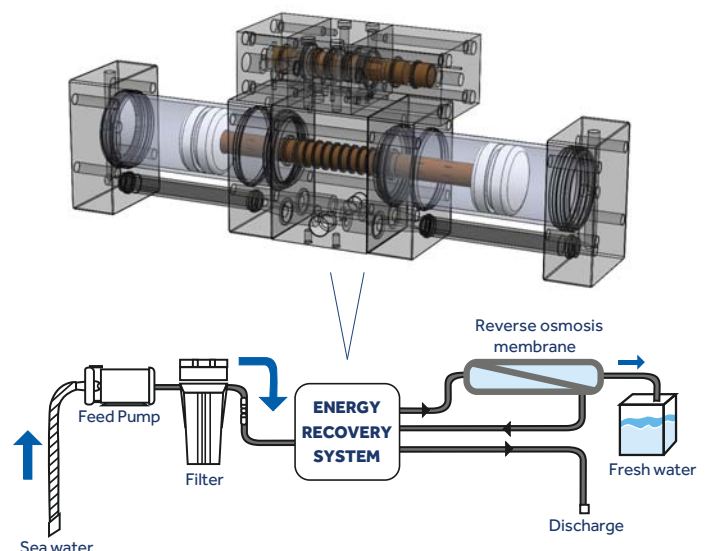
**AUTOMATIC
MEMBRANE
FLUSHING**

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.







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.

An aerial photograph of a rugged, snow-covered mountain peak. A distinct, winding path or ridge of snow cuts through the darker, forested slopes, leading towards the summit. The image is oriented vertically, with the mountain peak at the top and the path leading down towards the bottom right.

THE NEW GENERATION WATERMAKERS

WHICH MODEL OF NEW GENERATION SCHENKER WATERMAKER 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.



WATERMAKERS



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

ZEN

RANGE

30 - 50 - 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



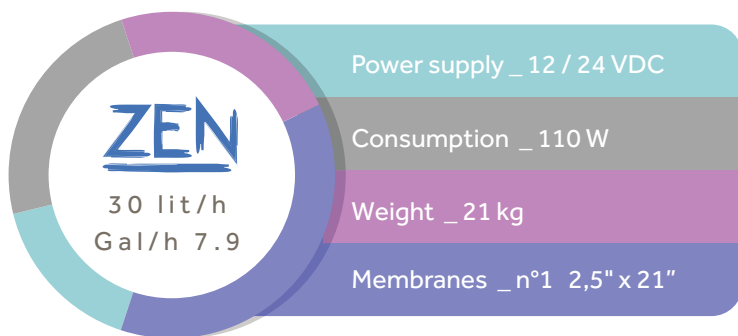
A very compact unit.
Choice of output range to satisfy all
needs.

RANGE

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

MODULAR

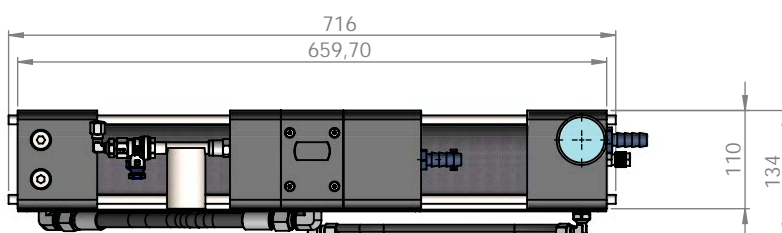
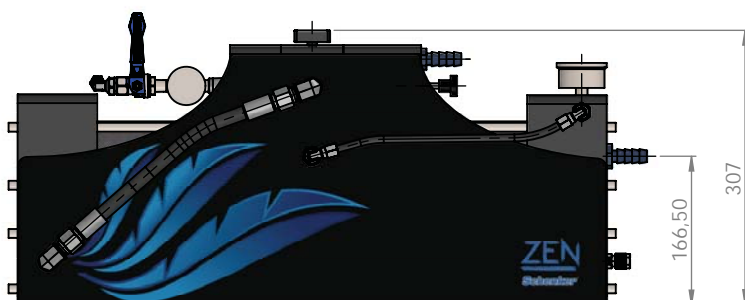
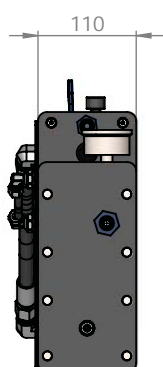
Production may vary +/-20% according to the specific working conditions.

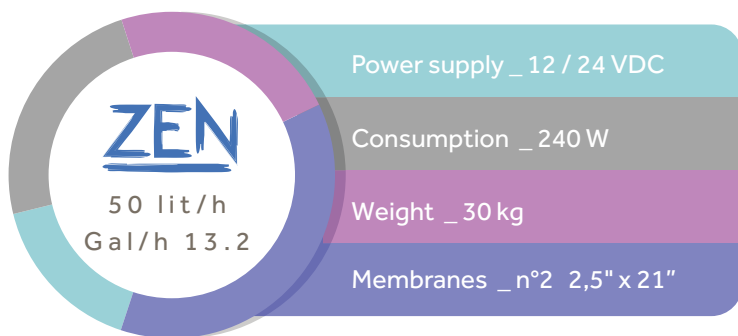


DETAILS



DRAWINGS

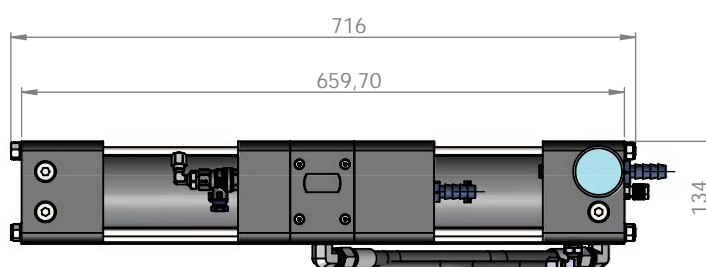
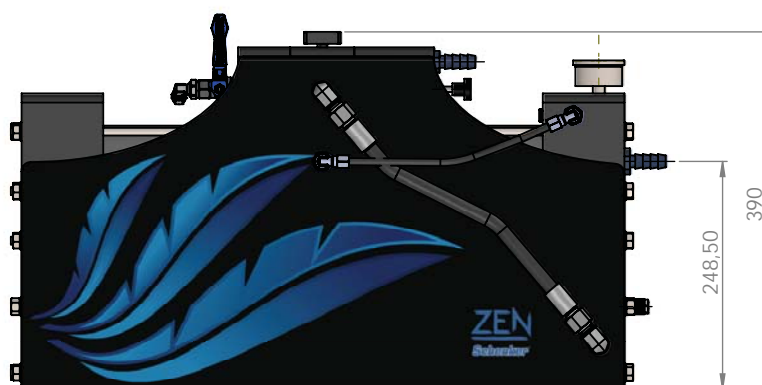
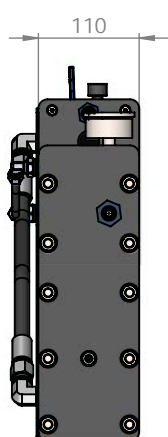


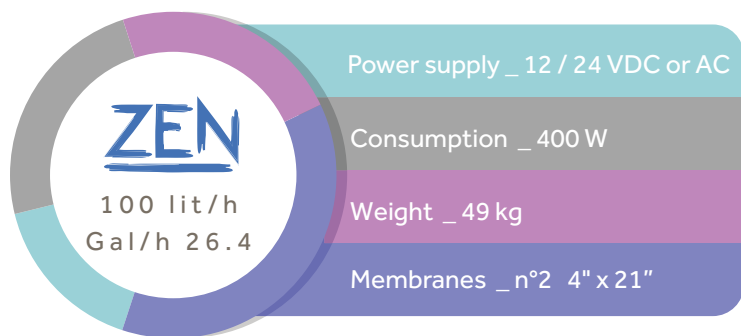


DETAILS



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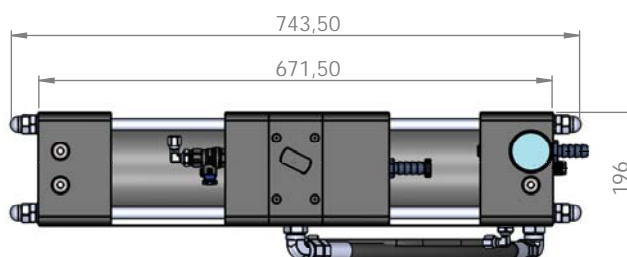
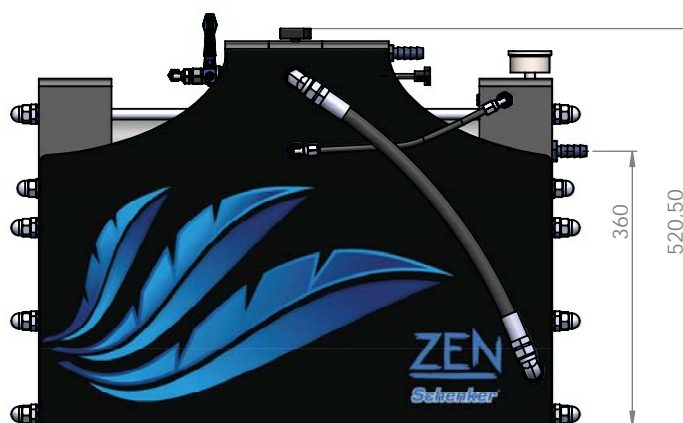


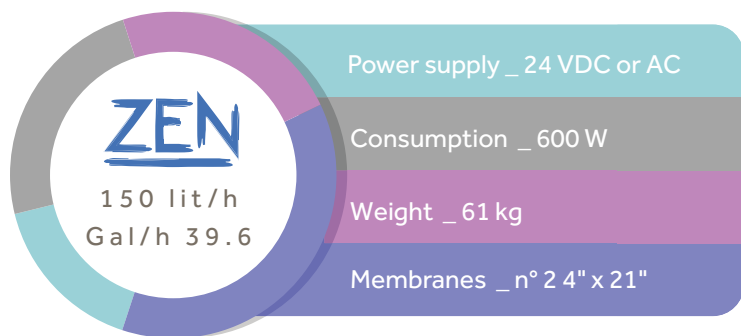


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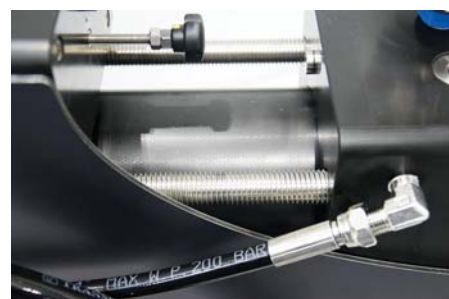


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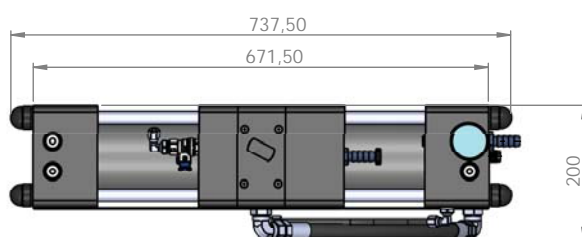
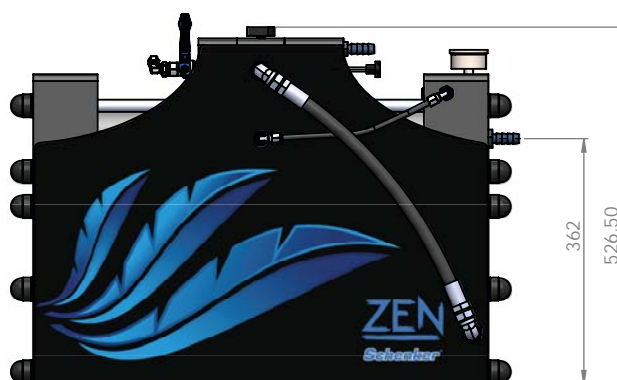


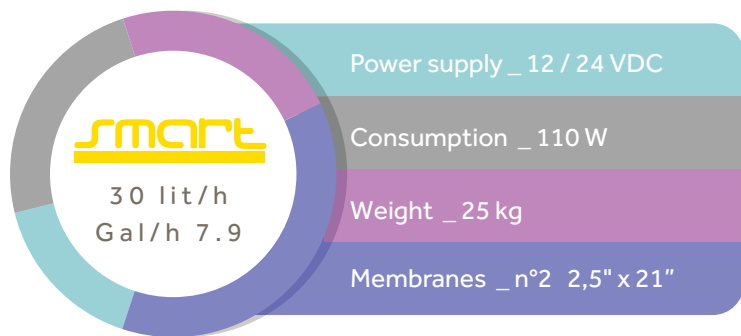


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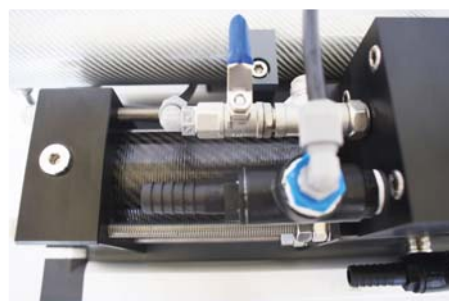


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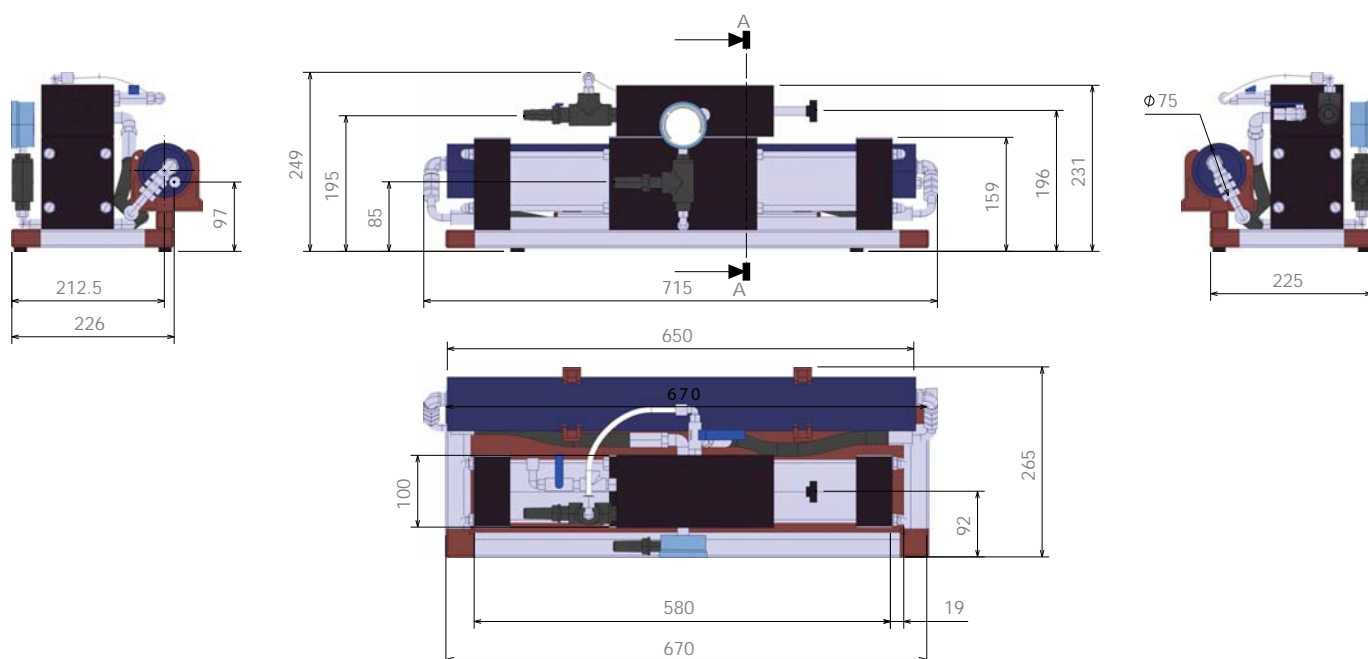


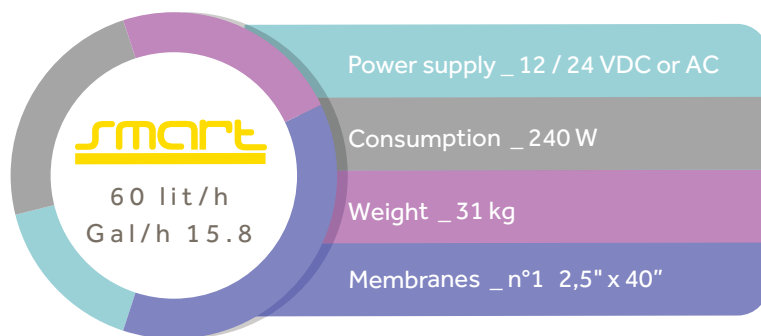


DETAILS



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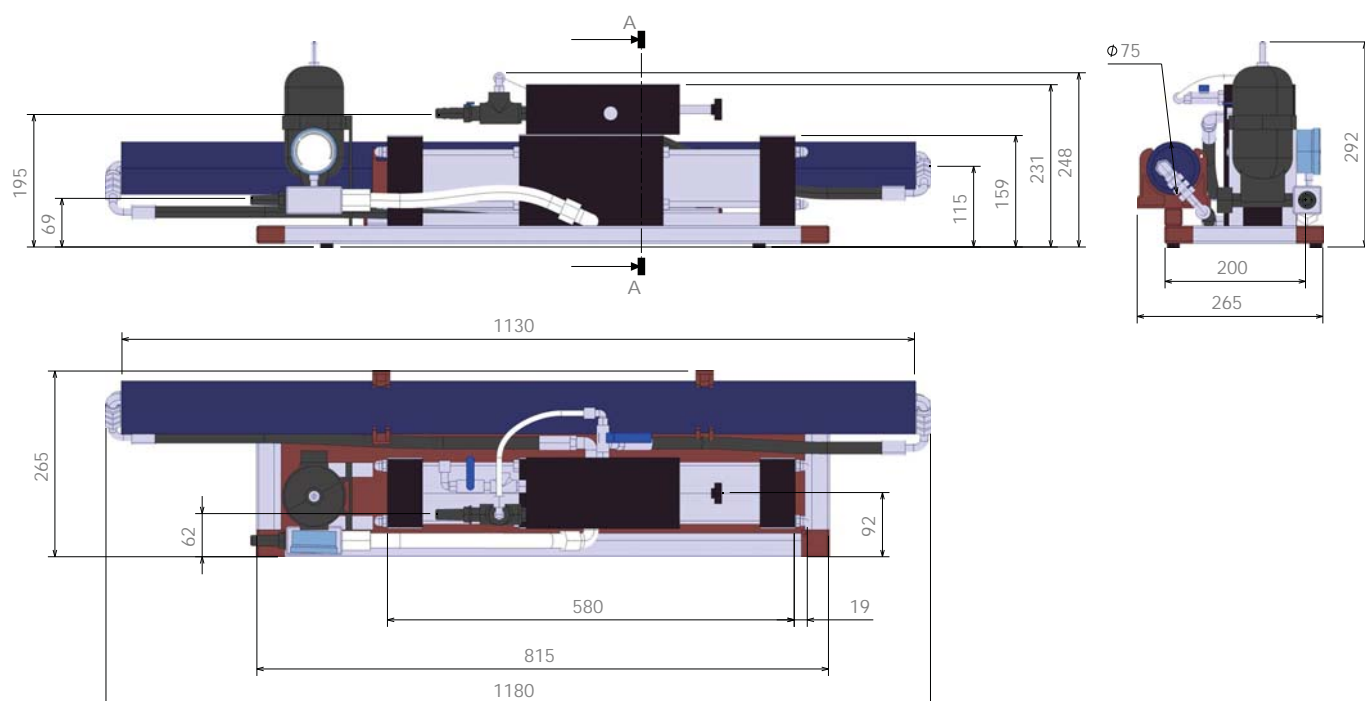


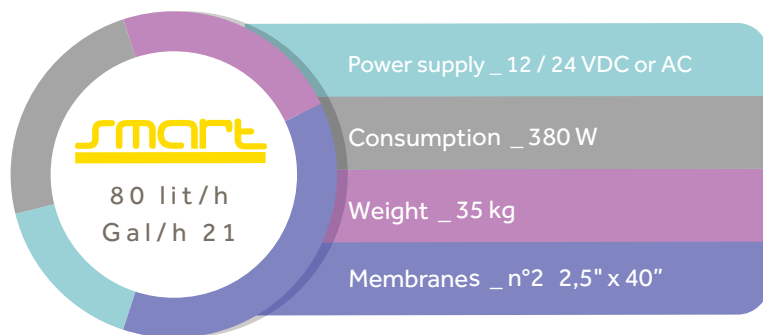


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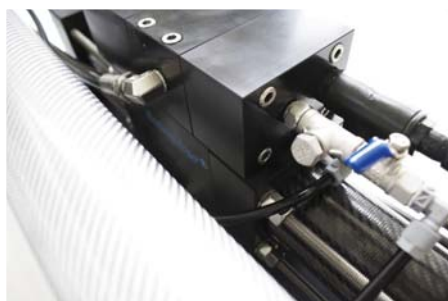


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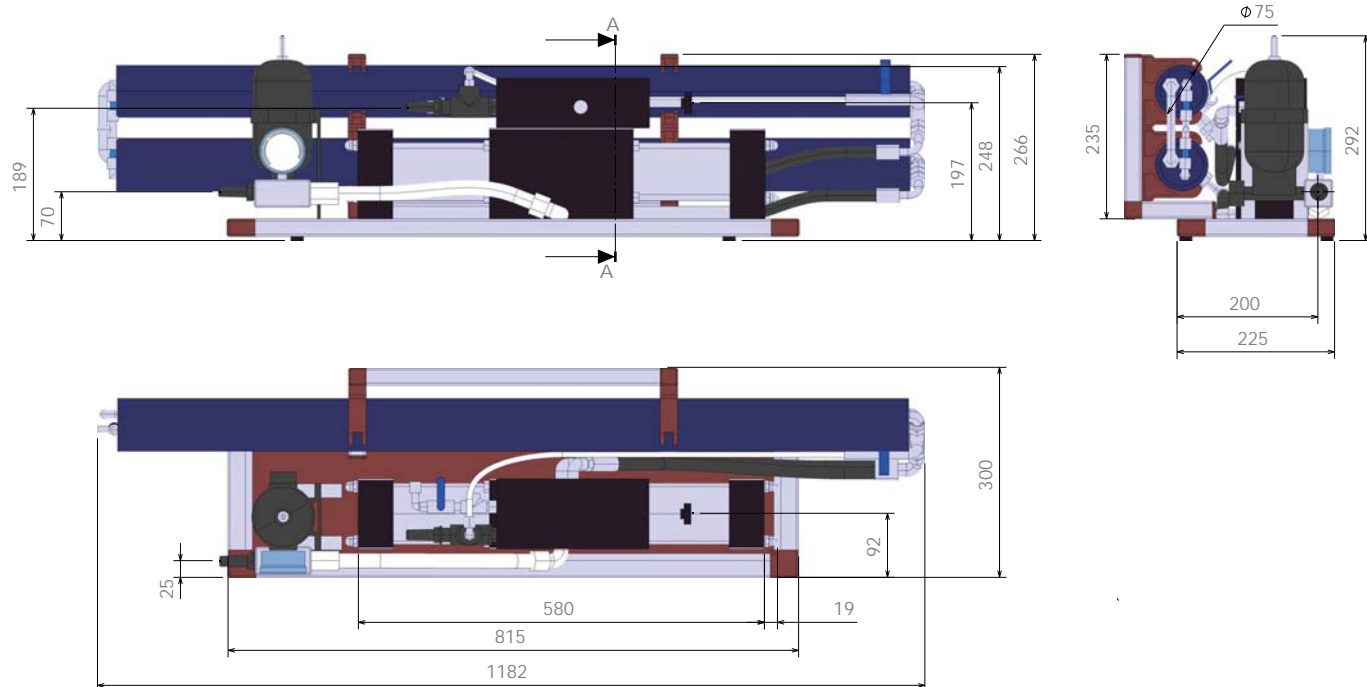


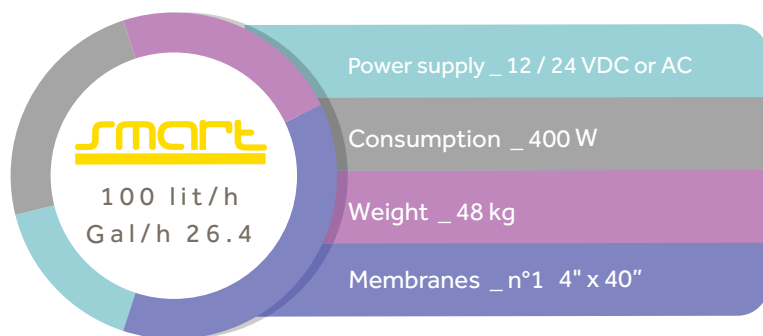


DETAILS



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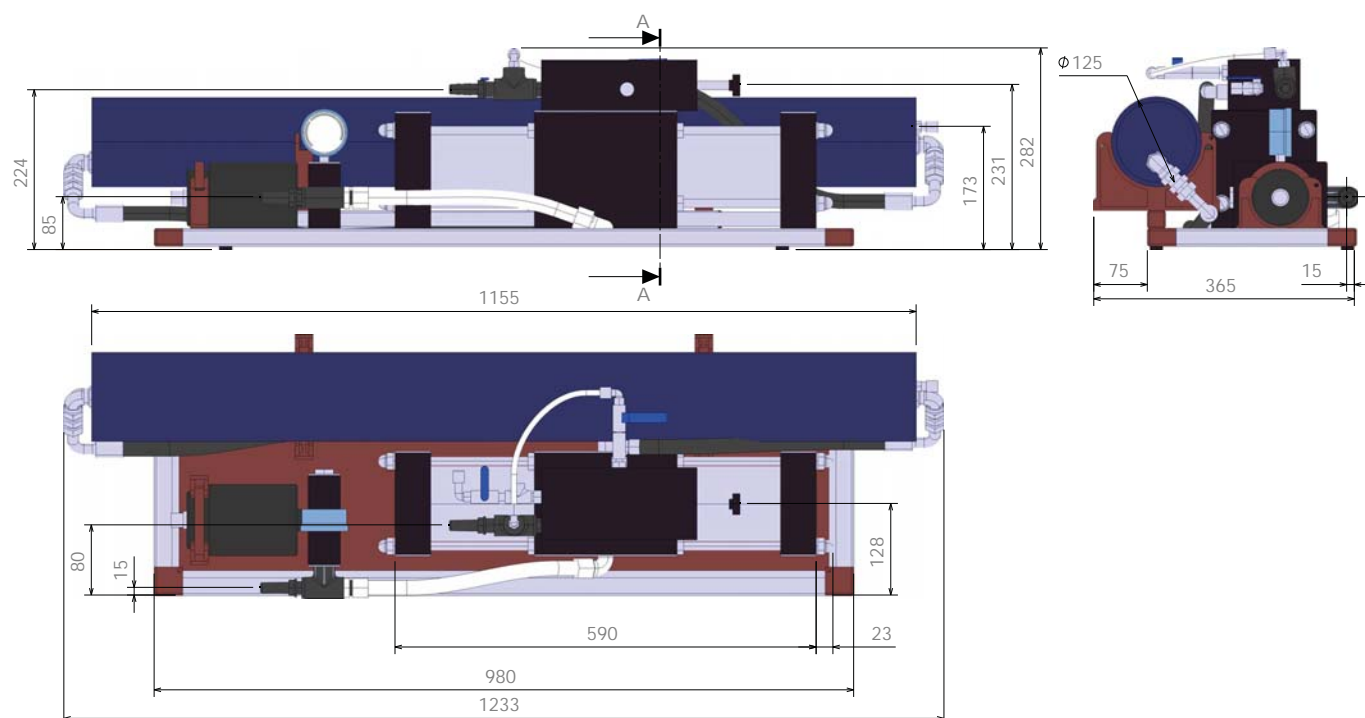


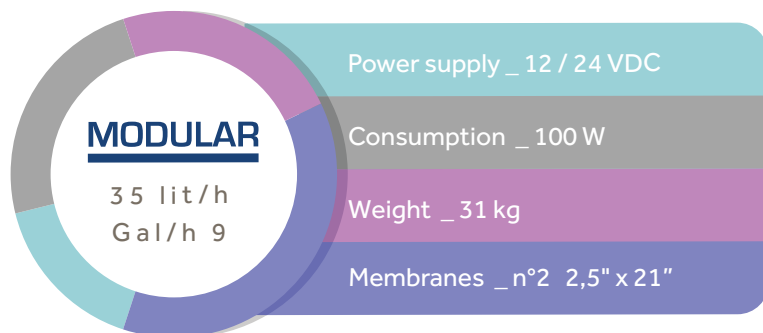


DETAILS



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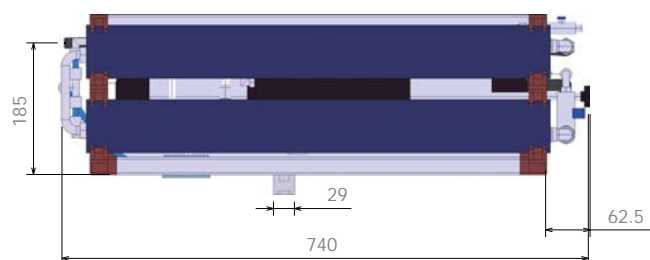
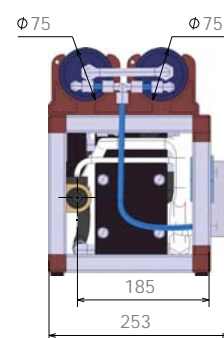
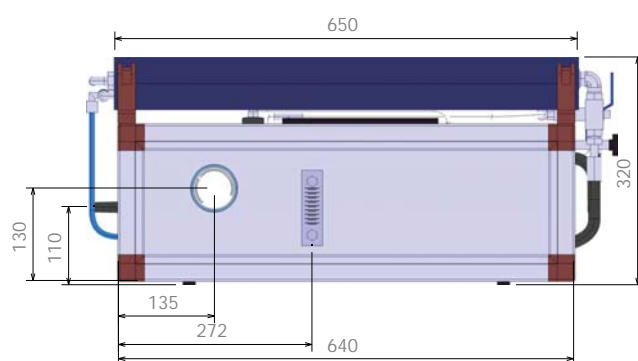
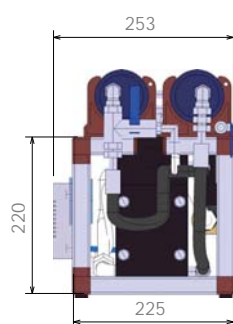


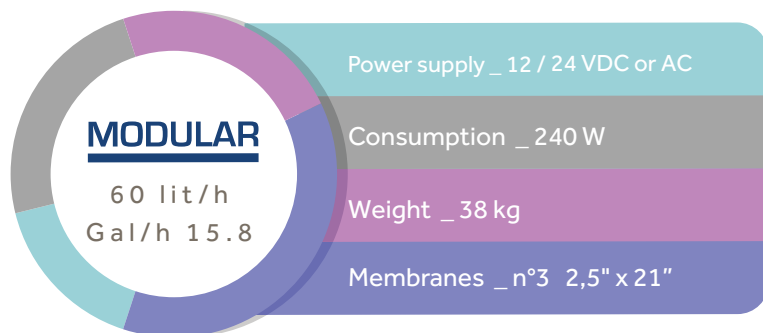


DETAILS



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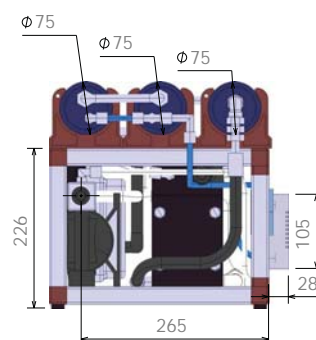
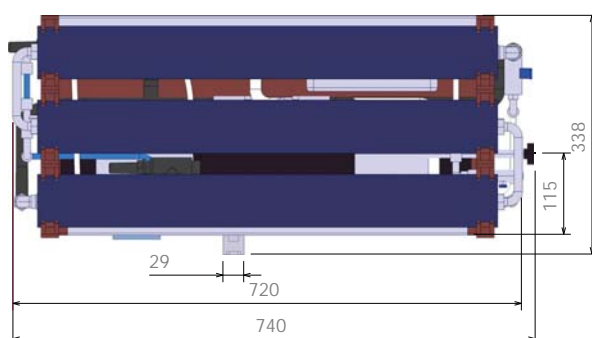
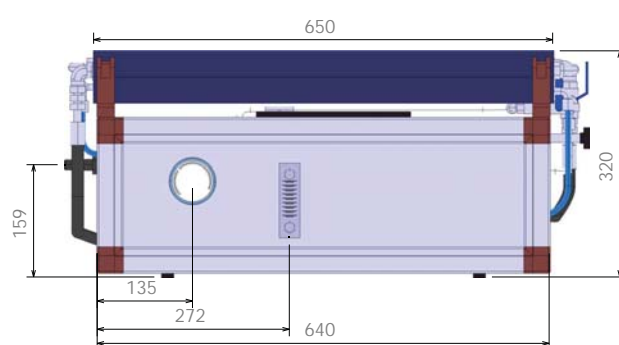
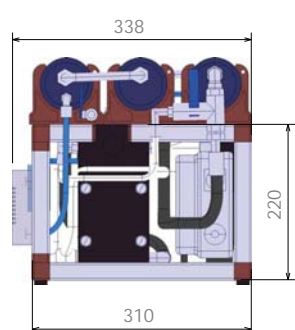


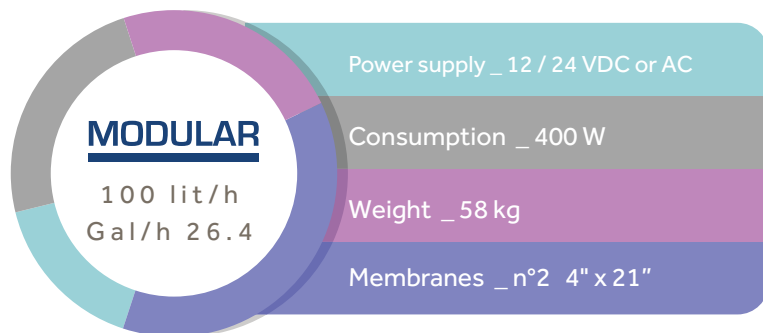


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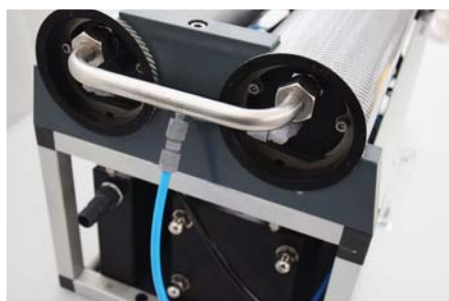


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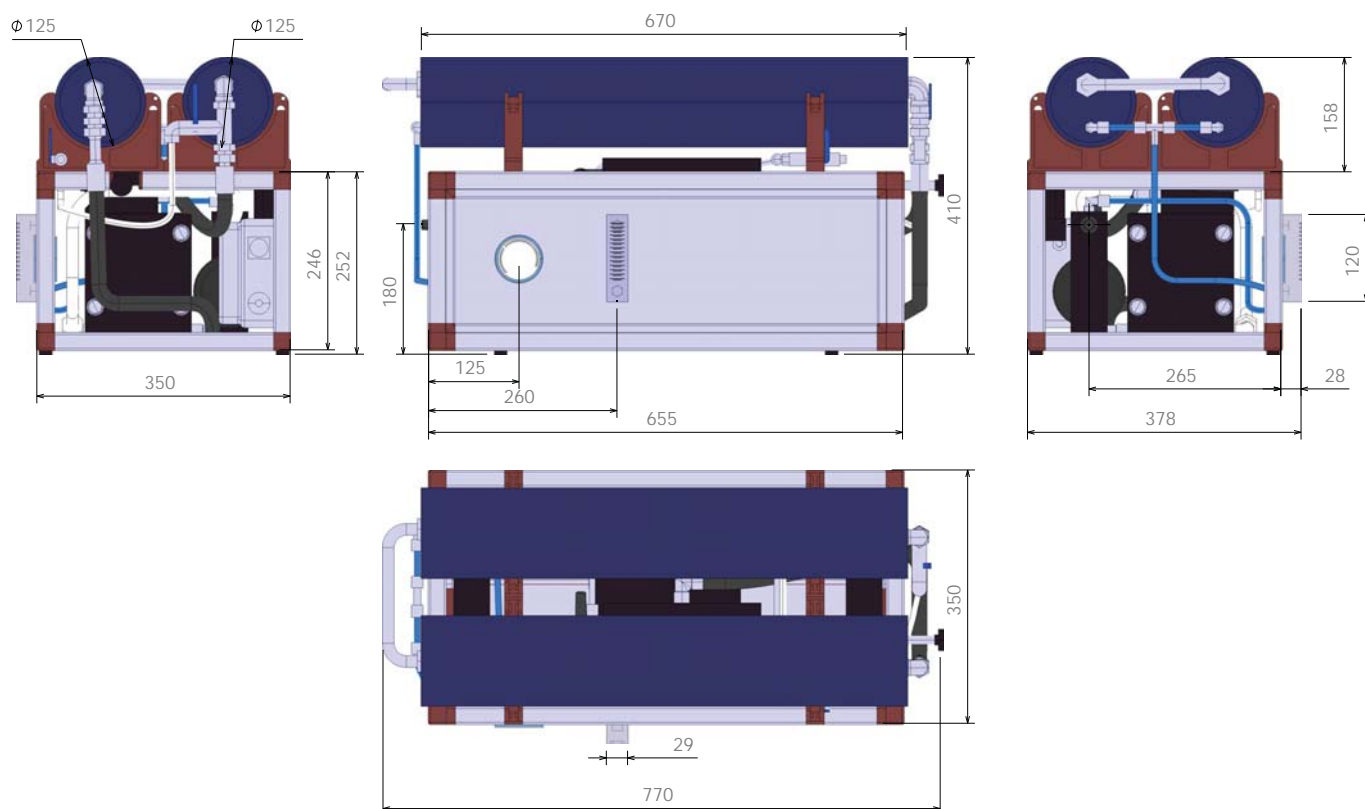


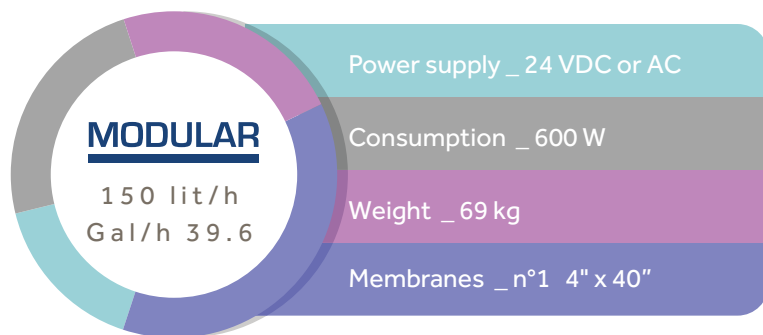


DETAILS



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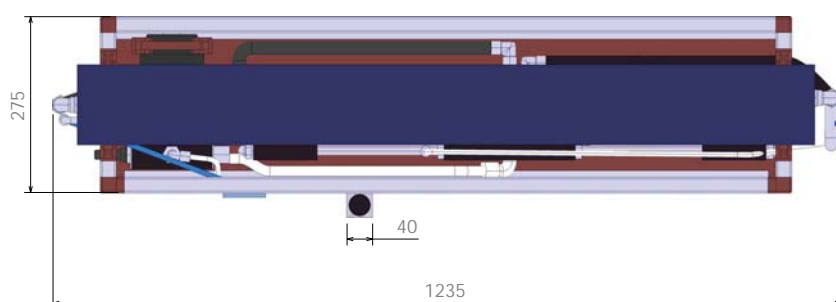
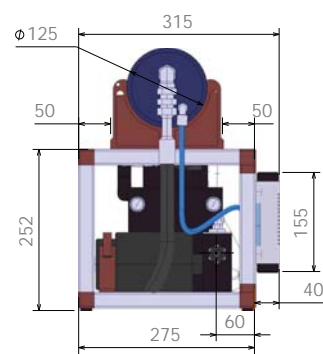
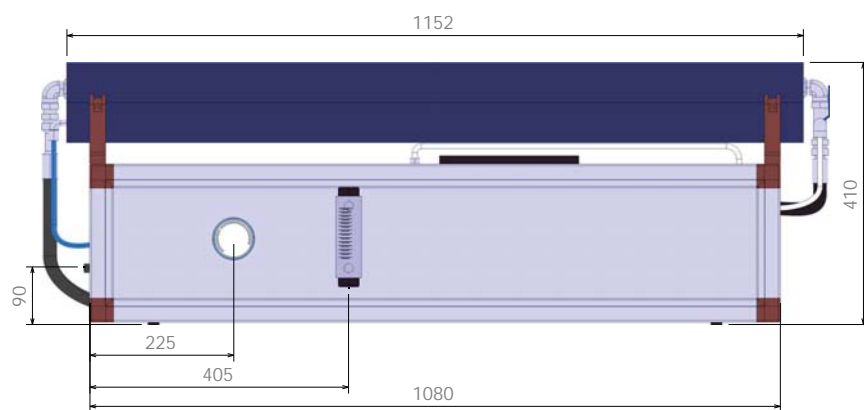


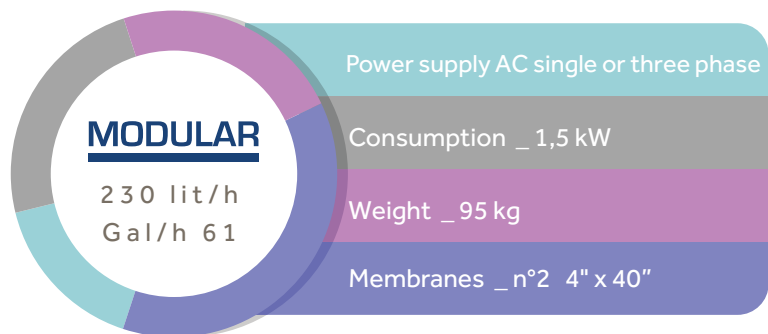


DETAILS



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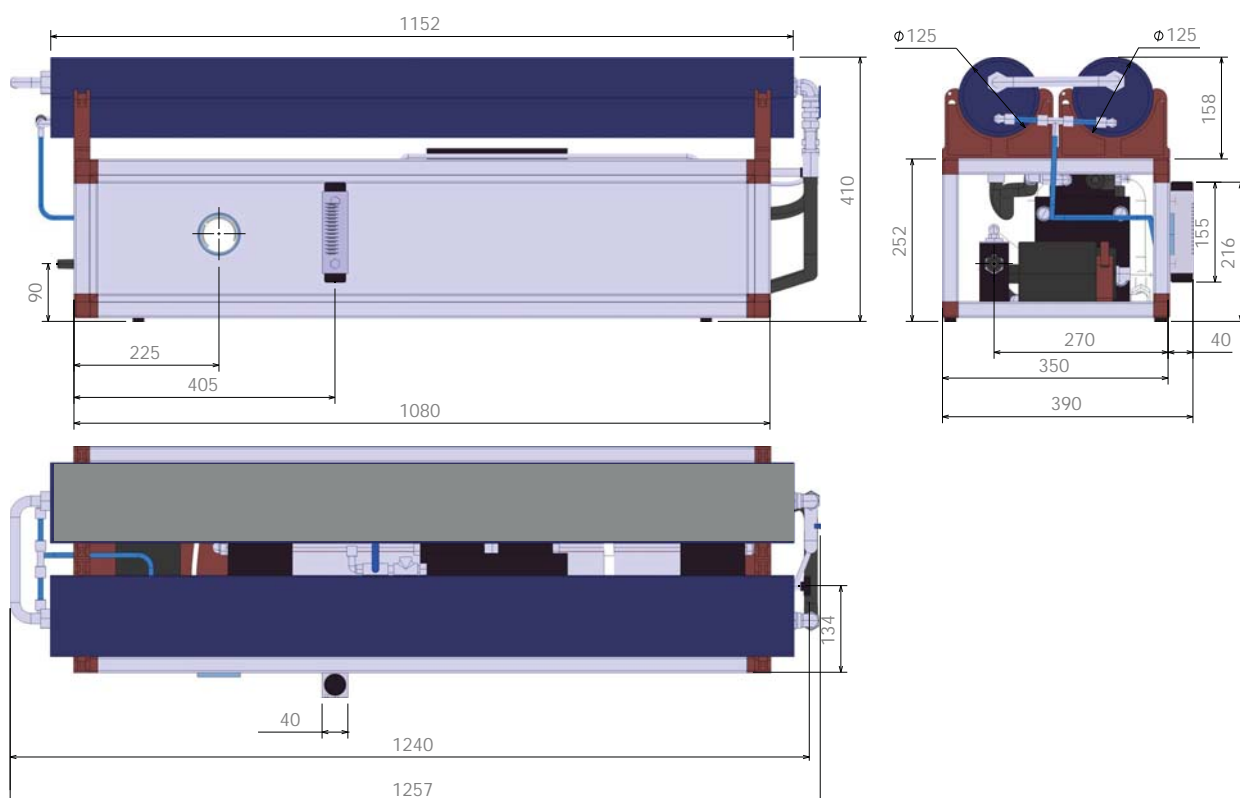




DETAILS



DRAWINGS



MODULAR

300 lit/h
Gal/h 79

Power supply AC single or three phase

Consumption _ 2,5 kW

Weight _ 145 kg

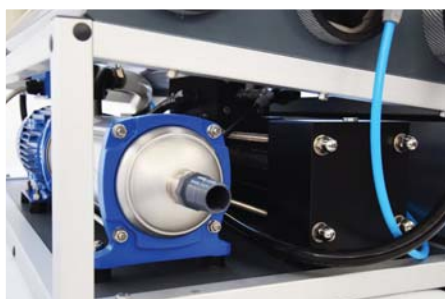
Membranes _ n°3 4" x 40"

Main pump inside

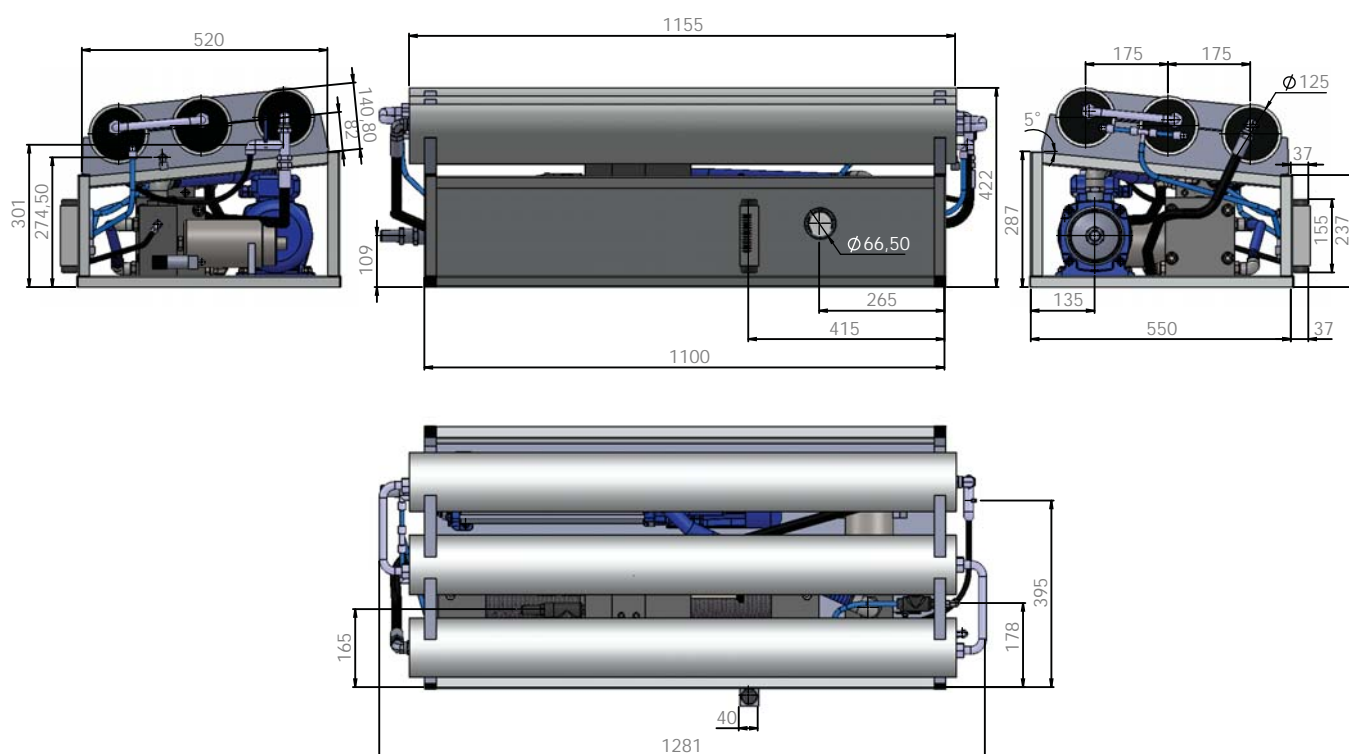
INVERTER TECHNOLOGY

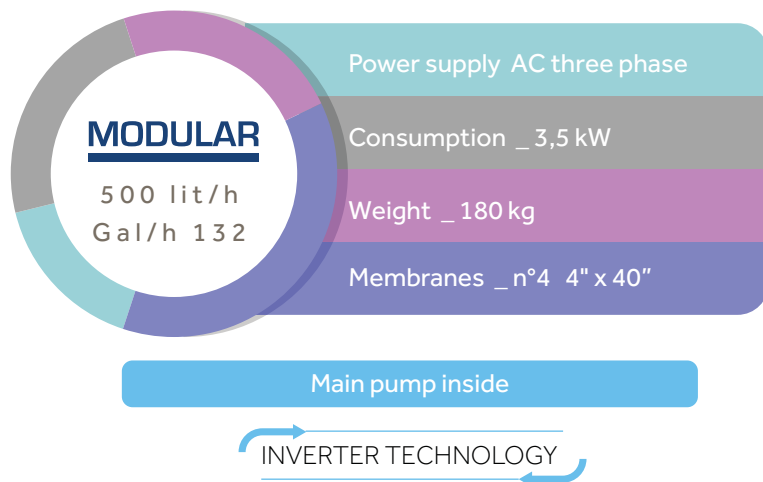


DETAILS



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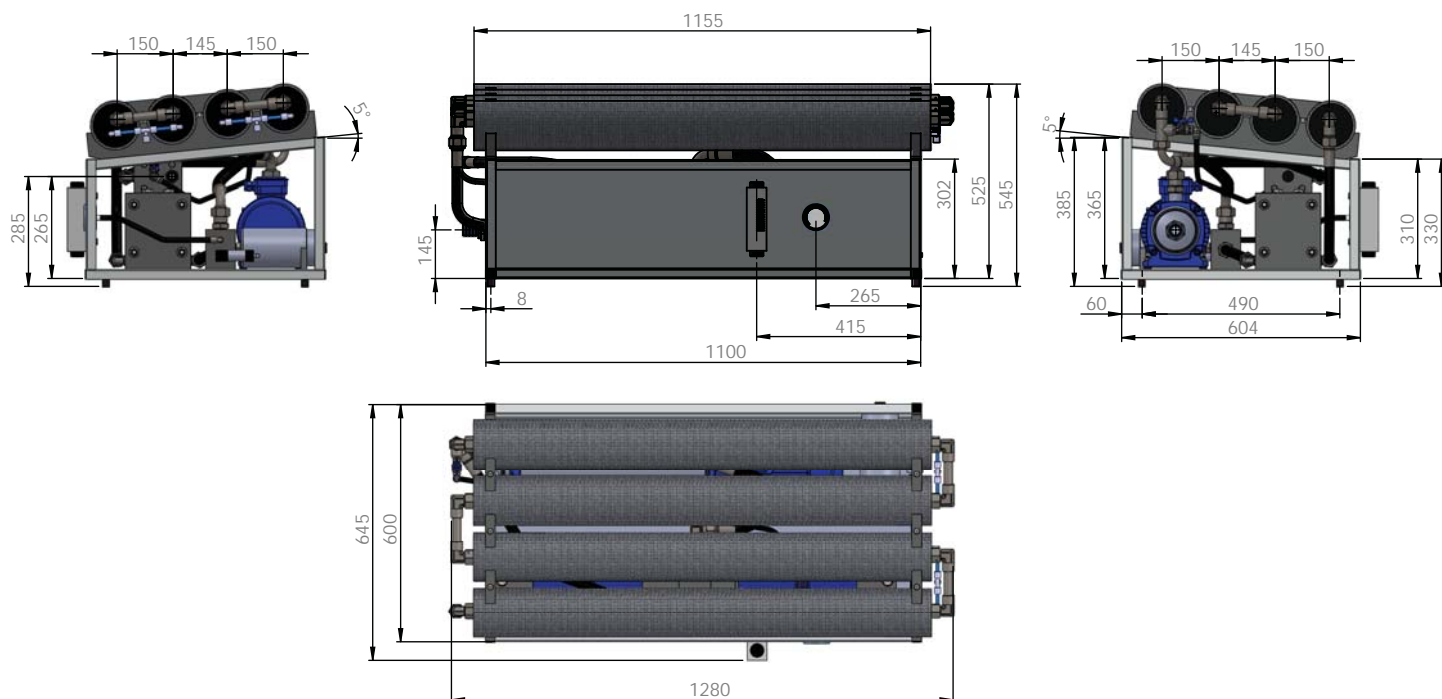




DETAILS



DRAWINGS





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

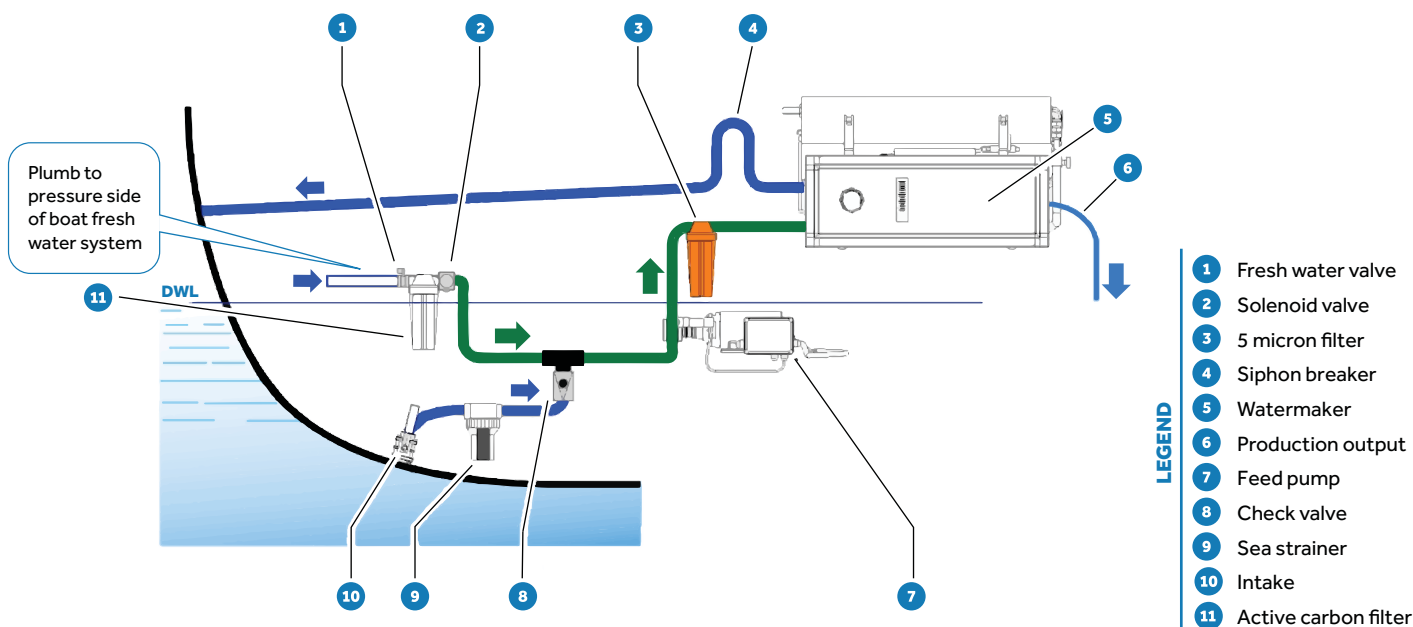
Dimension: 120 x 80 mm

Available for:

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



TYPICAL INSTALLATION

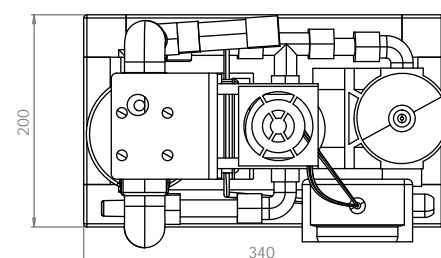
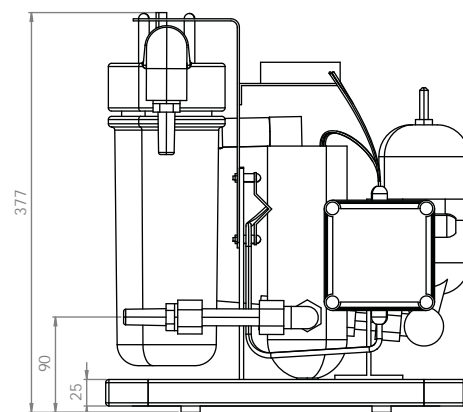
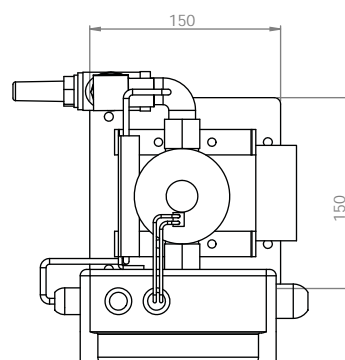
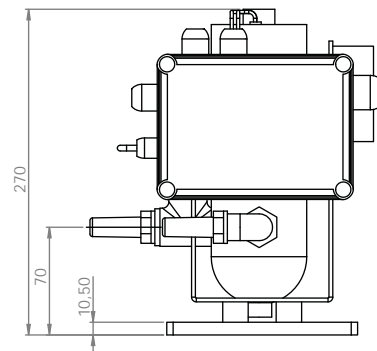




FEED PUMPS

All watermakers in the 30-150 litres per hour range are fitted with a single feed pump.

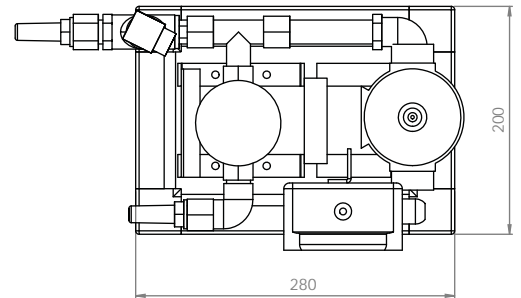
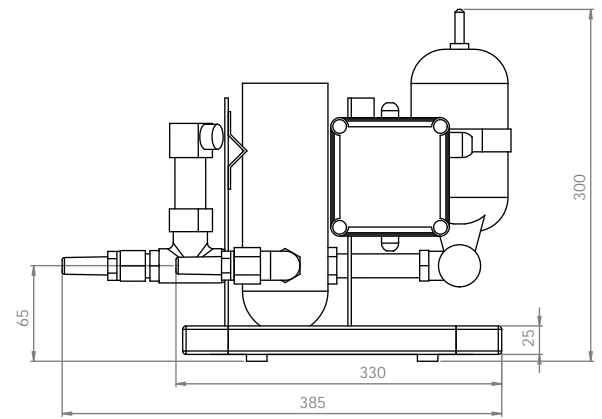
A choice of pump configurations offers flexible options when space is limited.



30-35
lit/h

AVAILABLE FOR

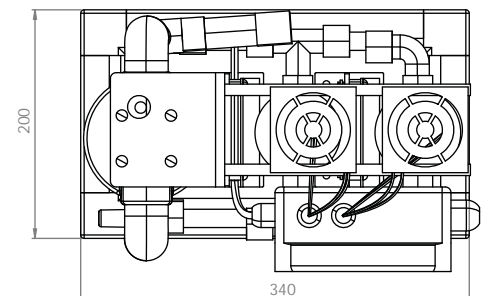
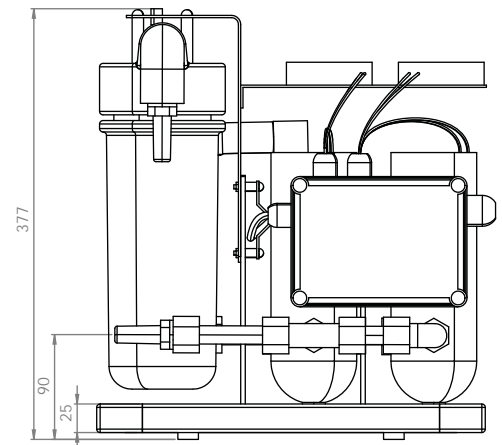
smart 30
modular 35
with external
filter



60
lit/h

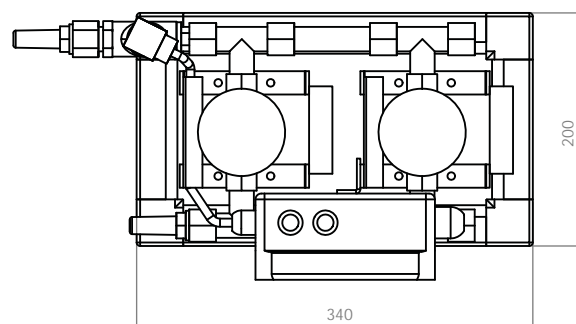
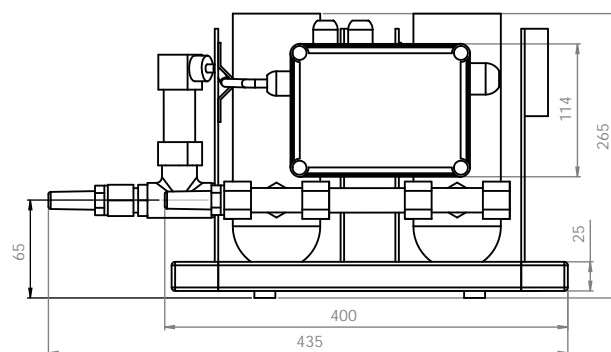
AVAILABLE FOR

smart 60
modular 60



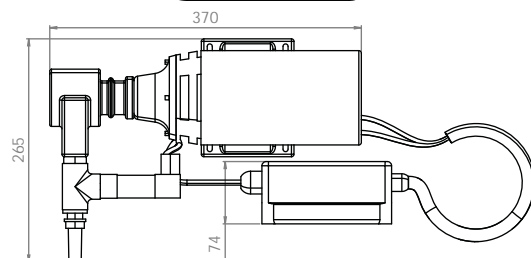
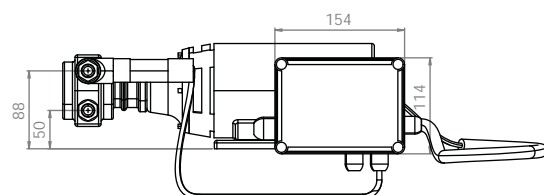
50 - 60
lit/h

AVAILABLE FOR
zen 50
smart 60
modular 60
with external
filter



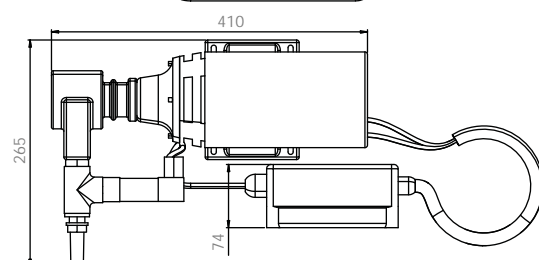
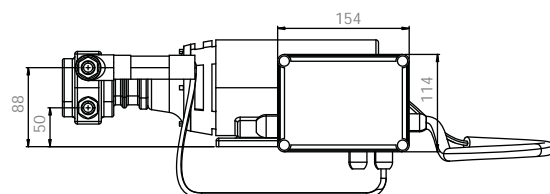
80 - 100
lit/h

AVAILABLE FOR
smart 80
zen 100
smart 100
modular 100



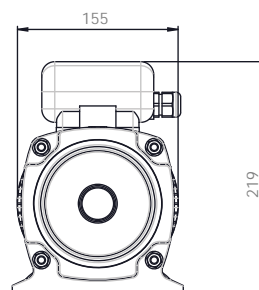
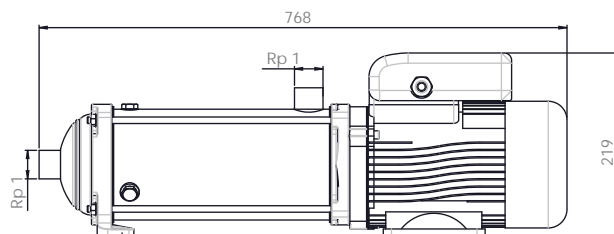
150
lit/h

AVAILABLE FOR
zen 150
modular 150

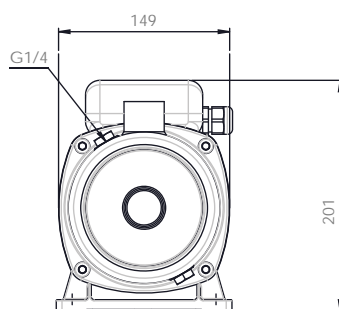
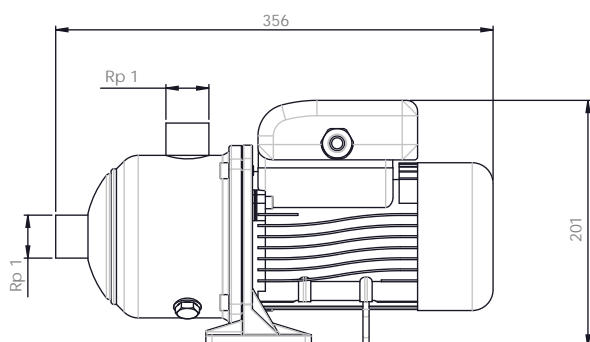


230
lit/h

AVAILABLE FOR
modular 230

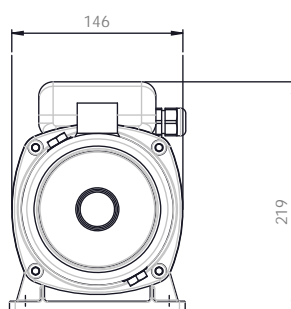
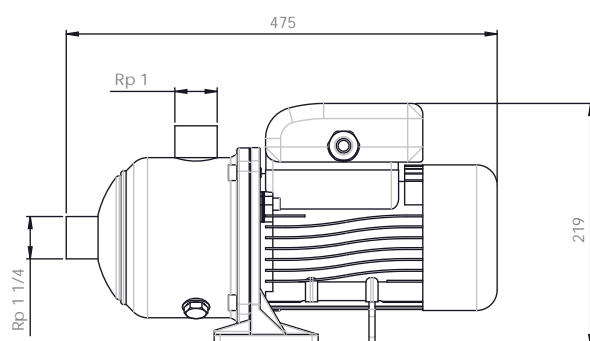


PRE PUMPS



230 - 300
lit/h

AVAILABLE FOR
modular 230
modular 300



500
lit/h

AVAILABLE FOR
modular 500