



SUN CYPRUS

YACHTING

WATERMAKERS:



Osmosea®: we turn water into technological excellence

With over fifteen years of experience, we are dedicated to the design, production and distribution of reverse osmosis watermakers and purifiers. Our commitment to customer satisfaction is reflected in every aspect of our work, from the accuracy of production processes to after-sales attention. Thanks to the synergy between passion and technology, we offer cutting-edge solutions for water treatment, transforming challenges into opportunities for the future.



More info:



NEW12S

ENERGY RECOVERY WATERMAKER

Energy Recovery Watermaker, equipped with Osmosea® Pressure Intensifier. Simple and Essential with a Micro Computer control unit for better monitoring. Direct battery power supply, easy installation, compact in size.

ACCESSORIES INCLUDED

- Osmosea® Pressure Intensifier
- Stainless Steel Feed Pump (Diaphragm pump on New12 S 30 model)
- Pre-filter
- Post-filter
- Flushing System
- Carbon Filter for Flushing
- Remote Panel
- Watermaker control unit with Micro Computer
- Installation Kit (Pipes, Fittings, Clamps)
- Non Return Valve

OPTIONAL

- **Brushless Motor** on Feed Pump
- Maintenance Kit (N.1 spare filters set, filter wrench, cleaning and winterizing products)

Extremely Quiet;
Energy efficiency;
Reduced speed on Flushing;
Soft Start;
Reduced size;
Savings of 50% fresh water and energy during Flushing.

REMOTE PANEL FUNCTIONS

- Start/Stop
- Osmotic Membrane Flushing



Energy saving
Direct supply from batteries
Respect for the environment



NEW12 S30



NEW12 S50



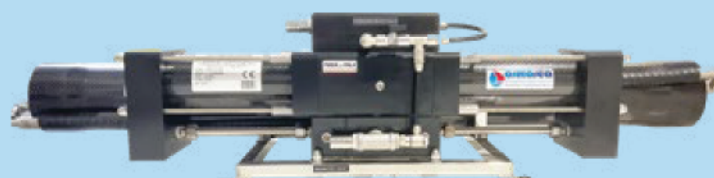
NEW12 S65



NEW12 S65C



NEW12 S100C



NEW12 S100 / S150



REMOTE PANEL

SYSTEMS DIMENSIONS

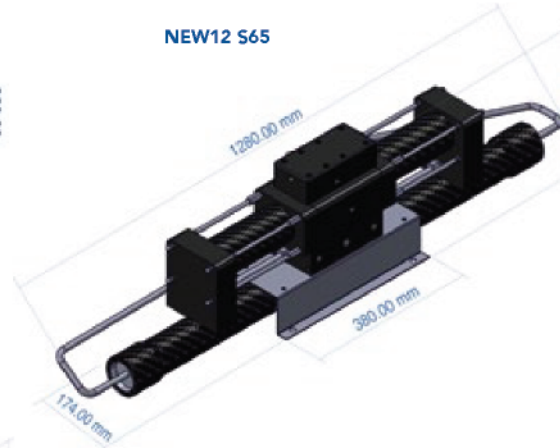
NEW12 S30



NEW12 S50



NEW12 S65



NEW12 S65C



NEW12 S100C



NEW12 S 100/150



TECHNICAL FEATURES

NEW12 S	Production			Voltage	Power consumption		Weight (kg)
	Lt/h	Lt/day	Gal/day				
NEW12 S 30	30	720	190,2	12 VDC	10 A	120 W	30
				24 VDC	5 A		
NEW12 S 50	50	1200	317,0	12 VDC	20 A	240 W	34
				24 VDC	10 A		
NEW12 S 65	65	1560	412,2	12 VDC	23 A	300 W	36
				24 VDC	11,5 A		
NEW12 S 65C	65	1560	412,2	12 VDC	23 A	300 W	40
				24 VDC	11,5 A		
NEW12 S 100	100	2400	634,1	12 VDC	35 A	420 W	50
				24 VDC	17,5 A		
				230 VAC	5 A	0,75 kW	
NEW12 S 100C	100	2400	634,1	12 VDC	32 A	420 W	52
				24 VDC	16 A	420W	
				230 VAC	5 A	0,75 kW	
NEW12 S 150	150	3600	951,1	24 VDC	24 A	600 W	50
				230 VAC	6 A	0,75 kW	

new12

ENERGY RECOVERY WATERMAKER

Automatic Energy Recovery Watermaker, equipped with Osmosea® Pressure Intensifier. Compact and easy to install thanks to its one piece skid. One touch operation with Color TouchScreen, the watermakers of the New12 line are able to manage and execute functions without an operator. Direct power supply from batteries. Compatible with NMEA 2000 Multifunction Displays.

ACCESSORIES INCLUDED

- Osmosea® Pressure Intensifier
- Stainless Steel Feed Pump with **Brushless Motor**
- Pre-filter
- Post-filter
- Automatic Flushing System
- Carbon Filter for Flushing
- Touchscreen Remote Panel
- Digital System Control Unit
- Brushless Motor Control Unit
- NMEA 2000 compatibility
- Non Return Valve
- Installation Kit (Pipes, Fittings, Clamps)
- Automatic discard of the Unsafe water

Extremely Quiet;
Energy efficiency;
Reduced speed on Flushing;
Soft Start;
Reduced size;
Savings of 50% fresh water and
electricity during Flushing

OPTIONAL

- Maintenance Kit
(N.1 spare filters set, filter wrench, cleaning and winterizing products)

REMOTE PANEL FUNCTIONS

- Automatic stop by means of programming liters to produce or working hours
- Inlet pressure reading
- Filter clogging percentage reading with Cartridge Replacement alarm
- Freshwater product flowmeter lt/h
- Salinometer on freshwater produced
- Flowmeter
- Instant and periodic automatic osmotic membrane flushing
- Automatic pressure adjustment



Energy saving
Direct supply from batteries
Respect for the environment



NEW12 30



NEW12 50



NEW12 65



NEW12 100/150C



NEW12 150



REMOTE PANEL

SYSTEMS DIMENSIONS

NEW12 30



NEW12 50



NEW12 65



NEW12 100



NEW12 150C



NEW12 150



TECHNICAL FEATURES

new12	Production			Voltage	Power consumption		Weight (kg)
	Lt/h	Lt/day	Gal/day				
NEW12 30	30	720	190,2	12 VDC	10 A	120 W	45
				24 VDC	5 A		
NEW12 50	50	1200	317,0	12 VDC	20 A	240 W	50
				24 VDC	10 A		
NEW12 65	65	1560	412,2	12 VDC	23 A	300 W	56
				24 VDC	11,5 A		
NEW12 100	100	2400	634,1	12 VDC	30 A	420 W	63
				24 VDC	17,5 A		
				230 VAC	5 A	0,75 kW	
NEW12 150	150	3600	951,1	24 VDC	24 A	600 W	65
				230 VAC	6 A	0,75 kW	
NEW12 150C	150	3600	951,1	24 VDC	24 A	600 W	63
				230 VAC	6 A	0,75 kW	

NEW12S DUO

ENERGY RECOVERY WATERMAKER

Energy recovery watermaker consist of two independent watermakers but installed on one single frame. The two systems are controlled by a Single Remote Panel which can be operated individually or simultaneously depending on water needs or in case of maintenance of one of the two units. The two system can be powered with different voltages to meet yacht needs.

ACCESSORIES INCLUDED

- Osmosea® Pressure Intensifier
- Stainless Steel Feed Pump
- Pre-filter
- Post-filter
- Flushing System
- Carbon Filter for Flushing
- Double Remote Panel
- Watermaker control unit with Micro Computer
- Installation Kit (Pipes, Fittings, Clamps)
- Non Return Valve

OPTIONAL

- **Brushless Motor** on Feed Pump
- Maintenance Kit (N.1 spare filters set, filter wrench, cleaning and winterizing products)

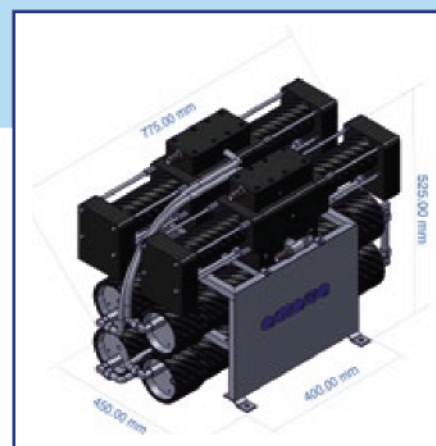
Extremely Quiet;
Energy efficiency;
Reduced speed on Flushing;
Soft Start;
Reduced size;
Savings of 50% fresh water and electricity during Flushing



Energy saving
Direct supply from batteries
Respect for the environment



NEW12 S200DUO
NEW12 S300DUO



REMOTE PANEL FUNCTIONS

- Start/Stop
- Osmotic Membrane Flushing



DOUBLE REMOTE PANEL

TECHNICAL FEATURES

NEW12S DUO	Production			Voltage	Power consumption		Weight (kg)
	Lt/h	Lt/day	Gal/day				
NEW12 S 200 DUO	100+100	2400 + 2400	634,1 + 634,1	12 VDC	35A + 35A	420W + 420W	95
				24 VDC	17,5A + 17,5A		
				230 VAC	5A + 5A	0,75kW + 0,75kW	
				12VDC+230VAC	35A + 5A	420W + 0,75kW	
				24VDC+230VAC	17,5A + 5A	420W + 0,75kW	
NEW12 S 300 DUO	150+150	3600 + 3600	951,1 + 951,1	24 VDC	24A +24A	600W + 600W	95
				230 VAC	6A + 6A	0,75kW + 0,75kW	
				24VDC+230VAC	24A + 6A	600W + 0,75kW	

new12 DUO

ENERGY RECOVERY WATERMAKER

Energy recovery watermaker consist of two independent watermakers but installed on one single frame. The two systems are controlled by a Single Touchscreen Remote Panel which can be operated individually or simultaneously depending on water needs or in case of maintenance of one of the two units. The two system can be powered with different voltages to meet yacht needs.

ACCESSORIES INCLUDED

- Osmosea® Pressure Intensifier
- Stainless Steel Feed Pump with **Brushless Motor**
- Pre-filter
- Post-filter
- Flushing System
- Automatic discard of the unsafe water
- Carbon Filter for Flushing
- Touchscreen Remote Panel
- Digital System Control Unit
- Brushless Motor Control Unit
- NMEA 2000 compatibility
- Non Return Valve
- Installation Kit (Pipes, Fittings, Clamps)

*Extremely Quiet;
Energy efficiency;
Reduced speed on Flushing;
Soft Start;
Reduced size;
Savings of 50% fresh water and
electricity during Flushing*



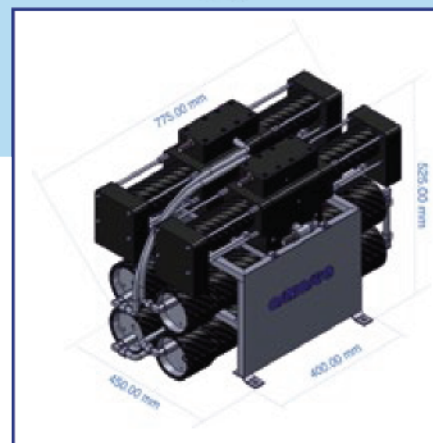
Energy saving
Direct supply from batteries
Respect for the environment



NEW12 200DUO

OPTIONAL

- Maintenance Kit (N.1 spare filters set, filter wrench, cleaning and winterizing products)



REMOTE PANEL FUNCTIONS

- Automatic stop by means of programming liters to produce or working hours
- Inlet pressure reading
- Filter clogging percentage reading with Cartridge Replacement alarm
- Freshwater product flowmeter Lt/h
- Salinometer on freshwater produced
- Flowmeter
- Instant and periodic automatic osmotic membrane flushing
- Automatic pressure adjustment



REMOTE PANEL

TECHNICAL FEATURES

new12 DUO	Production			Voltage	Power consumption		Weight (kg)
	Lt/h	Lt/day	Gal/day				
NEW12 200 DUO	100+100	2400 + 2400	634,1 + 634,1	12 VDC	30A + 30A	420W + 420W	110
				24 VDC	17,5A + 17,5A		
				230 VAC	5A + 5A	0,75kW + 0,75kW	
				12VDC+230VAC	35A + 5A	420W + 0,75kW	
				24VDC+230VAC	17,5A + 5A	420W + 0,75kW	
NEW12 300 DUO	150+150	3600 + 3600	951,1 + 951,1	24 VDC	24A + 24A	600W + 600W	110
				230 VAC	6A + 6A	0,75kW + 0,75kW	
				24VDC+230VAC	24A + 6A	600W + 0,75kW	

classic

Simple and reliable watermaker. Supplied in one piece or in modular version in steel Inox AISI 316 structure for easy installation and maximum reliability over time.

ACCESSORIES INCLUDED

- Stainless Steel Feed Pump
- Pre-filter
- Post-filter
- Watermaker control unit with Micro Computer
- Flushing System
- Carbon Filter for Flushing
- Installation Kit (Pipes, Fittings, Clamps)

OPTIONAL

- Maintenance Kit
(N.1 spare filters set, filter wrench, cleaning and wintering products, High Pressure Pump Oil)

REMOTE PANEL FUNCTIONS

- Start/Stop
- Start Flushing
- Salinometer on freshwater produced



CLASSIC 221S



CLASSIC 321S



CLASSIC 240S



CLASSIC 140L



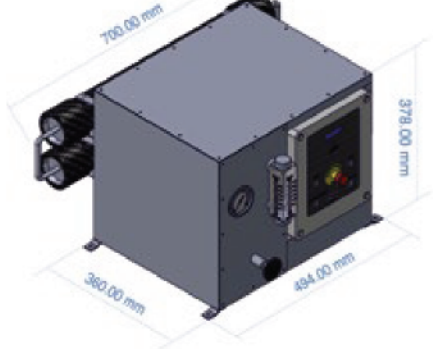
CLASSIC 240L



CLASSIC 340L

SYSTEMS DIMENSIONS

CLASSIC 221S



CLASSIC 321S



CLASSIC 240S



CLASSIC 140L



CLASSIC 240L



CLASSIC 340L



TECHNICAL FEATURES

classic	Production			Voltage	Power consumption	Weight (kg)
	Lt/h	Lt/day	Gal/day			
Classic 221S	85	2040	539,0	230 VAC	1.6 kW	46
				110 VAC		
Classic 321S	140	3360	887,7	230 VAC	2 kW	57
				110 VAC		
Classic 240S	200	4800	1268,2	230 VAC	2.4 kW	75
				110 VAC		
				400 VAC		
Classic 140L	250	6000	1585,2	230 VAC	3.2 kW	83
				110 VAC		
				400 VAC		
Classic 240L	480	11520	3043,6	230 VAC	3.6 kW	88
				110 VAC		
				400 VAC		
Classic 340L	720	17280	4565,4	400 VAC	6.2 kW	165

EVO

Latest generation automatic watermaker. One touch operation with **Color TouchScreen**. Equipped with an automatic pressure adjustment system and flushing Automatic systems, watermakers of the EVO line are able to manage and execute functions without an operator. Provided in compact or in modular version on steel Inox AISI 316 structure for easy installation and maximum reliability over time. Compatible with NMEA 2000 multifunction displays.

ACCESSORIES INCLUDED

- Touchscreen Remote Panel
- APS (Automatic pressure setting)
- Feed Pump Stainless Steel
- High Pressure Pump Stainless Steel
- Pre-filters
- Post-filter
- AFS (Automatic Flushing System)
- Carbon Filter for Flushing
- Automatic discard of the unsafe water
- Digital System Control Unit
- Emergency Analogic Interface Panel
- Non Return Valve
- Installation Kit (Pipes, Fittings, Clamps)

OPTIONAL

- Maintenance Kit
(N.1 spare filters set, filter wrench, cleaning and wintering products, High Pressure Pump Oil)

STANDARD REMOTE PANEL FUNCTIONS

- Start and Stop
- Automatic stop by means of programming liters to produce or working hours
- Inlet pressure reading
- Reading Pressure on Osmotic Membrane
- Filter clogging percentage reading with Cartridge Replacement alarm
- Freshwater product flowmeter lt/h
- Salinometer on freshwater produced
- Flowmeter
- Amperometer
- Instant automatic Flushing of osmotic membrane
- Periodic automatic Flushing of osmotic membrane



EVO 221S



EVO 321S



EVO 240S / 340S



EVO 440S



EVO 240L



EVO 440S DUO
EVO 440L DUO



REMOTE PANEL



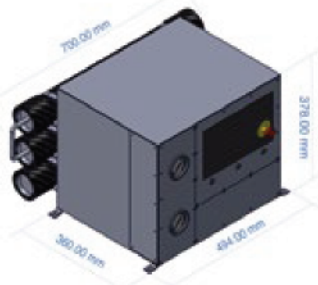
DUO TOUCHSCREEN REMOTE PANEL

SYSTEMS DIMENSIONS

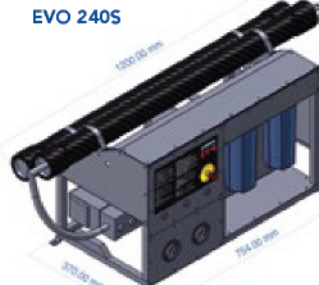
EVO 221S



EVO 321S



EVO 240S



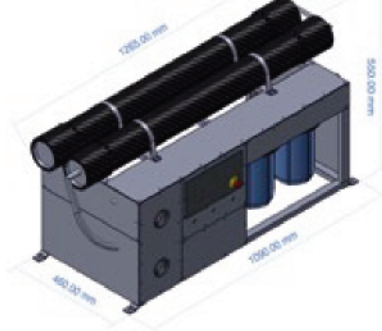
EVO 340S



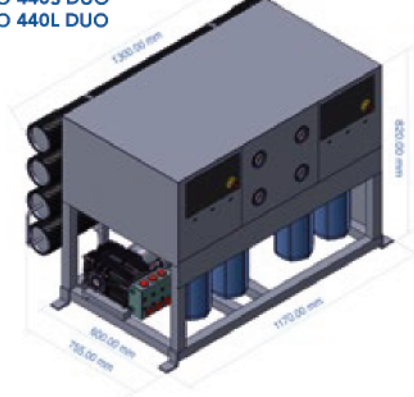
EVO 440S



EVO 240L



EVO 440S DUO
EVO 440L DUO



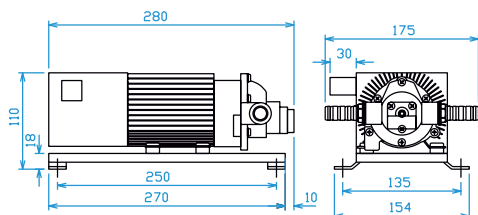
TECHNICAL FEATURES

EVO	Production			Voltage	Power consumption	Weight (kg)
	Lt/h	Lt/day	Gal/day			
Evo 221S	85	2040		230 VAC	1.6 kW	58
				110 VAC		
Evo 321S	140	3360	887,7	230 VAC	2 kW	63
				110 VAC		
Evo 240S	200	4800	1267,2	230 VAC	2.4 kW	78
				110 VAC		
				400 VAC		
Evo 340S	270	6480	1710,72	230 VAC	3,2 kW	85
				110 VAC		
				400 VAC		
Evo 440S	350	8400	2217,6	230 VAC	3.2 kW	93
				110 VAC		
				400 VAC		
Evo 240L	480	11520	3041,3	230 VAC	4.3 kW	150
				110 VAC		
				400 VAC		
Evo 440S DUO	200 + 200	4800 + 4800	1267,2 + 1267,2	230 VAC	2 x 2.4 kW	150
				110 VAC		
				400 VAC		
Evo 440L DUO	480 + 480	11520 + 11520	3041,3 + 3041,3	230 VAC	2 x 4.3 kW	280
				110 VAC		
				400 VAC		

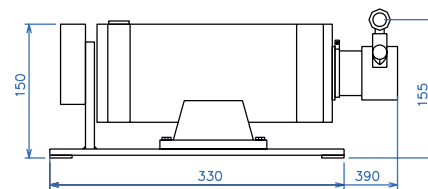
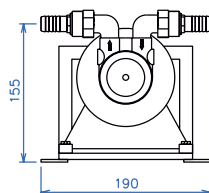
FEED PUMP

NEW12

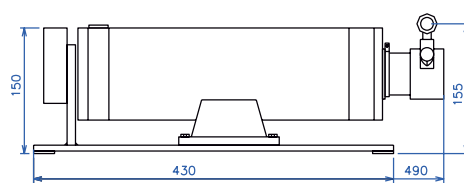
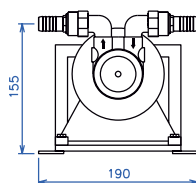
NEW12 S30



NEW12 S50/ S65/ S65C

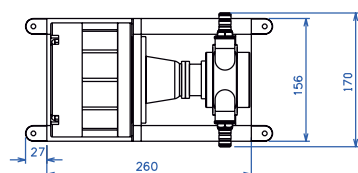
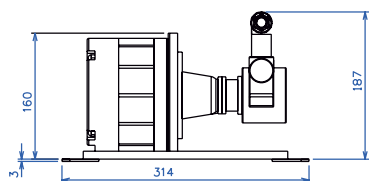


NEW12 S100/ S100C/ S150

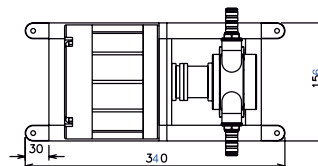
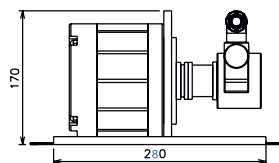


OPTIONAL

NEW12 S30/ S50/ S65/ S65C

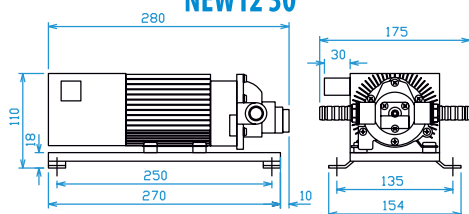


NEW12 S100/ S100C/ S150

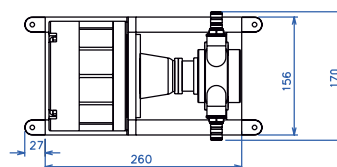
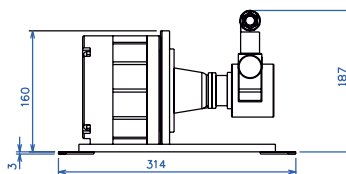


new12

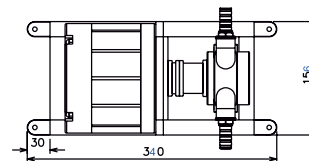
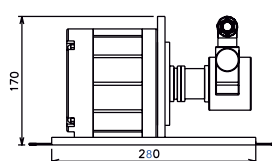
NEW12 30



NEW12 50/ 65



NEW12 100/ 150/ 150C

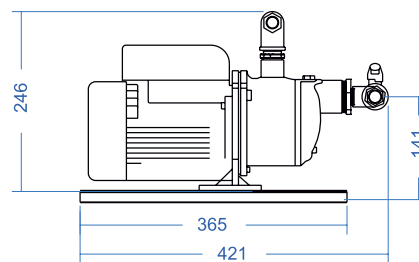
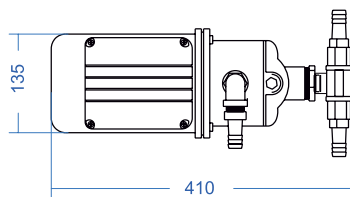
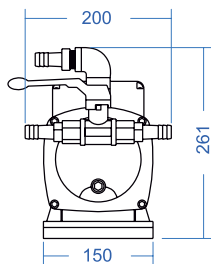


FEED PUMP

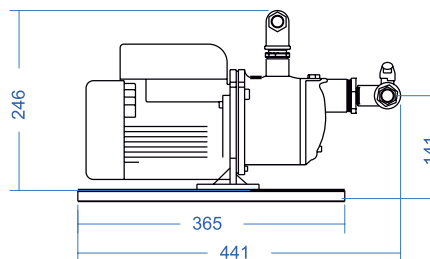
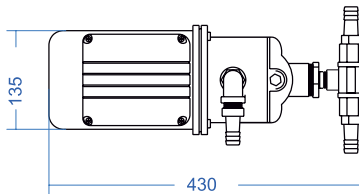
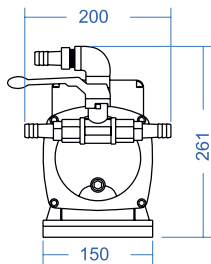
classic



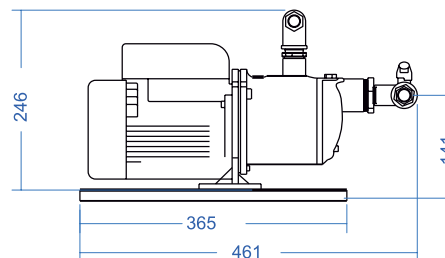
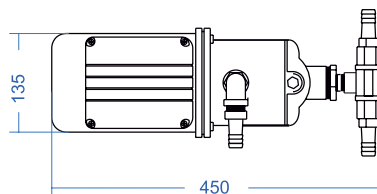
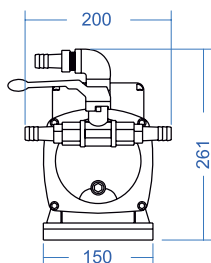
FEED PUMP 340S / 440S / 240L



FEED PUMP 221S / 321S / 240S



FEED PUMP 340L / 440L



All measures are expressed in millimeters

PURIFICATOR

The **Purificator 300 LED** is a very simple water treatment system that guarantees disinfected water, free from sediment, chlorine and bad smell. Thanks to Purifier 300 LED you will always have high quality water and you will finally **be free from plastic bottles** that take up space on board and pollute our seas. The disinfectant lamp with LED technology turns on automatically when the tap is opened, does not require preheating, has a longer life and consumes only 8.5 Watts during tapping.



Action of the **Purificator 300 LED**

- Sediment filter: to eliminate impurities up to 5 microns
- Activated Carbon Filter: to eliminate chlorine, bad smell and bad taste
- Remineralizer filter: for alkaline pH
- UVC LED disinfectant lamp: to eliminate all bacteria and viruses

Purifier 300 LED, thanks to the kit supplied, could to be connected to the kitchen tap very easily.

TECHNICAL FEATURES

MODEL	Flow (lt/min)	In/Out	Power	Voltage	Dimensions (cm)
Purificator 300 LED	2.5	6 mm	8.5 Watt	12/24/230	30 x 12.5 x 37