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OUR REPRESENTATIVES - DOE.PL/AGENTS



REVERSE OSMOSIS
WATER MAKER
PELICAN

ADVANTAGES

- ready for salt water cleaning
- stops particles (suspended)
- stops dissolved chemicals
- stops turbidity
- no chemicals needed
- stops salt from ocean and sea water
- innovative technology
- durable Reverse Osmosis membranes
- all piping in 316L or plastic
- SS304 frame
- control box IP56, easy & simple
- compact design
- unique construction
- quality of drinking water is continuously monitored with a salinity meter and dumping valve

DELIVERY

- HP pump for RO
- pressure sensor for HP protection
- incoming filter 5 microns
- manometers - 3pcs
- water meter
- rotameter - 2pcs
- safety valve and pressure dumper
- semi-automatic FW system for flushing with fresh water
- SS304 frame

WATER

INCOMING WATER:
- clean salt or fresh water
- without chlorine

DRINKING WATER FOR:
- commercial vessels
- fishing boats
- sailing boats
- households with sea water
- navy ships
- offshore

APPLICATION

- drinking and cooking
- chemical tankers - cleaning cargo tanks
- air conditioning and humidity systems
- boilers and steam generators
- high pressure cleaning electric machines
- ultrasonic cleaners
- cooling and heating systems
- laundry and dish-washer machines
- acid batteries
- all applications for Ultra Clean Water without suspended particles and dissolved chemicals specially with reduced salinity to minimum.



PELICAN *micro*

The smallest pelican. Simple, but very efficient solution based on trusty Reverse Osmosis technology. Very small and compact machine. Suitable for smallest vessels with minimum power installations.

0.3 Tons/day



		TECHNICAL DATA
<i>gross weight</i>	approx. 20kg	
<i>max. dimensions with maintenance space</i>	1000mm	
<i>frame material</i>	alluminium powder painted	
<i>pipng</i>	PP/316L/316TI	
<i>production</i>	approx. 300 l/day	
<i>power installed</i>	300W (12VDC or 1x230V or 3x400V-50Hz or 3x440V-60Hz)	
<i>salt water flow</i>	1.4 T/day	
<i>HP pump type</i>	brass	
<i>Digital salinity meter</i>	N/A	
<i>Electromagnetic valve</i>	N/A	
<i>Waterflow meters</i>	N/A	
<i>Filter 5µm on inlet</i>	YES, mounted separately	
<i>Feed pump</i>	N/A	

OPTIONS

<i>UV disinfection</i>	Our UV disinfection series is called Seahorse and can fit the flow. - Automatic disc filter - DOE Huzar filter
<i>Prefiltration</i>	- DOE Camel - sandfilter - DOE Mermaid an automatic prefiltration station basen un UF membrane
<i>Aftertreatment</i>	- DOE Dodo - dolomite tank for mineral bed or active carbon

The capacity is calculated with a sea temperature of 25 Celsius degree and TDS at 35.000 ppm. The production will be decreased with low temperature.

PELICAN *small*

Compact and most universal pelican. You can use the standard version or extended one with more membranes and more water production.

3 Tons/day upgradeable up to 7 Tons/day



		TECHNICAL DATA
<i>gross weight</i>	approx. 80kg	
<i>max. dimensions with maintenance space</i>	1200mm	
<i>frame material</i>	alluminium powder painted	
<i>pipng</i>	PP/316L/316TI/TI	
<i>production</i>	approx. 3T/day upgradeable to 7 T/day	
<i>power installed</i>	2,2 kW (3x400V 50Hz or 3x440V 60Hz)	
<i>salt water flow</i>	20 T/day	
<i>HP pump type</i>	allubronze	
<i>Digital salinity meter</i>	YES	
<i>Electromagnetic valve</i>	NO	
<i>Waterflow meters</i>	YES, 2 pcs.	
<i>Filter 5 µm on inlet</i>	YES	
<i>Feed pump</i>	YES, SS316	

OPTIONS

<i>UV disinfection</i>	Our UV disinfection series is called Seahorse and can fit the flow. - Automatic disc filter - DOE Huzar filter
<i>Prefiltration</i>	- DOE Camel - sandfilter - DOE Mermaid an automatic prefiltration station basen un UF membrane
<i>Aftertreatment</i>	- DOE Dodo - dolomite tank for mineral bed or active carbon

The capacity is calculated with a sea temperature of 25 Celsius degree and TDS at 35.000 ppm. The production will be decreased with low temperature.

PELICAN *medium*

The biggest version of pelican for the most demanding installations. You can get up to 30 Tons of fresh water per day!

10 - 30 Tons/day



		TECHNICAL DATA
<i>gross weight</i>	approx. 400kg	
<i>max. dimensions with maintenance space</i>	2500mm	
<i>frame material</i>	304 SS powder painted	
<i>pipng</i>	PP/316L/316TI	
<i>production</i>	approx. 10 - 30 T/day	
<i>power installed</i>	3 - 7.5 kW (3x400V 50Hz or 3x440V 60Hz)	
<i>salt water flow</i>	27 - 76 T/day	
<i>HP pump type</i>	allubronze or SS316 or duplex	
<i>Digital salinity meter</i>	YES, 2 pcs.	
<i>Electromagnetic valve</i>	YES	
<i>Waterflow meters</i>	YES, 2 pcs.	
<i>Filter 5 µm on inlet</i>	YES	
<i>Feed pump</i>	YES, Bronze, Self priming	
<i>Additional filtratiob</i>	Manual Disc Filter	

OPTIONS

<i>UV disinfection</i>	Our UV disinfection series is called Seahorse and can fit the flow. - Automatic disc filter - DOE Huzar filter
<i>Prefiltration</i>	- DOE Camel - sandfilter - DOE Mermaid an automatic prefiltration station basen un UF membrane
<i>Aftertreatment</i>	- DOE Dodo - dolomite tank for mineral bed or active carbon

The capacity is calculated with a sea temperature of 25 Celsius degree and TDS at 35.000 ppm. The production will be decreased with low temperature.