

## TECHNICAL DATA

Product type	Reverse osmosis watermaker
Application	Seawater for nautical application
Production	50 l/h ±15% (13,2 gal/h ±15%) @35 ppm and 25 °C
Membranes	2x Membrane SW-2521
Rejection	99,5% (nominal)
Power supply	12 V ±15% DC 24 V ±15% DC
Absorption - Power required	22 A ±15% - 250 W ±15% (12 V) 11,8 A ±15% - 250 W ±15% (24 V)
Pumps	2x Shurflo diaphragm pump
Pressure pump	7 - 8 bar
Flow rate pump	7,9 - 8,3 l/min
Water inlet temperature range	8 - 30 °C
Pre-filtration	1x 5micron filter 10"x2-1/2" 1x Active carbon filter 2-7/8" x 9-3/4"
Weight	31 kg
Shipping dimensions	82x52x64 cm



## HYDRAULIC CONNECTIONS

### PUMP / FILTERS / NR VALVE

Seawater inlet	Hose barb DN16
Seawater outlet	Hose barb DN16

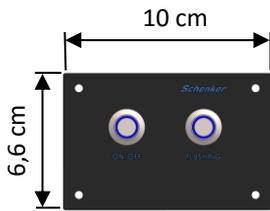
### WATERMAKER

Seawater inlet	Hose barb DN16
Concentrated water outlet	Hose barb DN16
Fresh water outlet	Compression fitting 1/4" for hose 6x8

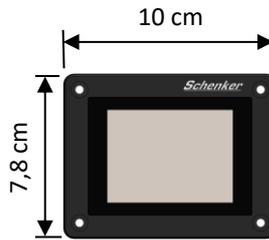
## CONTROL SYSTEMS AND OPTIONAL DEVICES

Electronics	Basic / Minitouch
Automatic flushing	Standard
Safety control	High/low pressure Low voltage
Salinity monitoring	N.A. (Basic) / Optional (Touch)

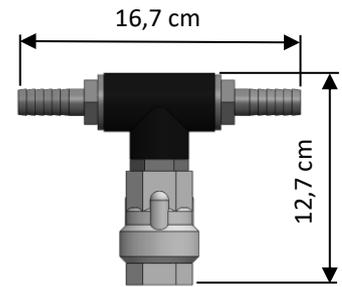
**COMPONENTS**



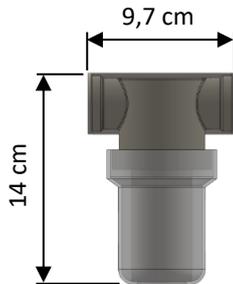
**CONTROL PANEL (BASIC)**  
Depth: 3,2 cm  
Cut dimensions: 7,6x4,4 cm



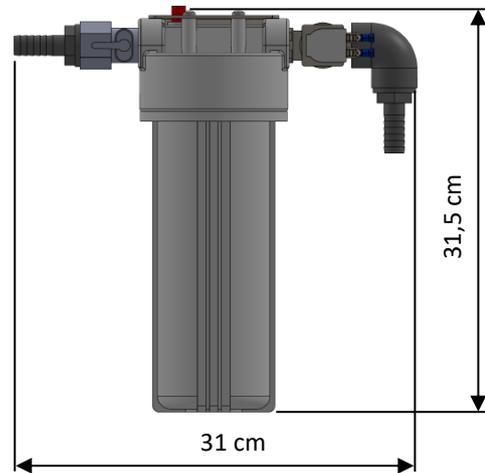
**CONTROL PANEL (MINITOUCH)**  
Depth: 3,2 cm  
Cut dimensions: 7,9x5,6 cm



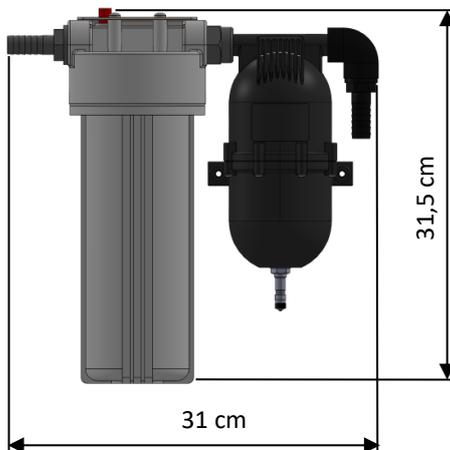
**NON-RETURN VALVE**  
Depth: 4,7 cm



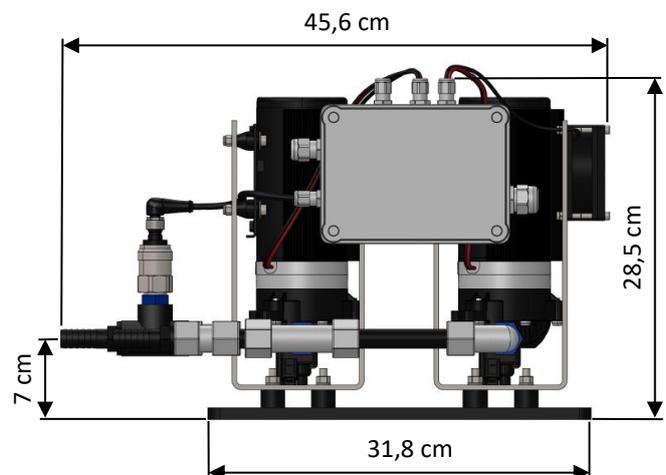
**MESH FILTER GROUP**  
Depth: 9,1 cm



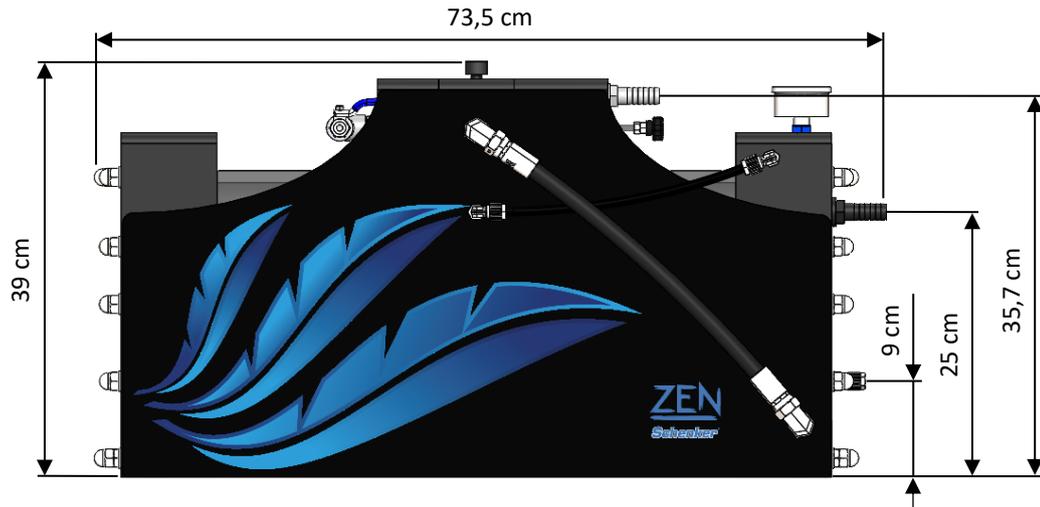
**ACTIVE CARBON FILTER GROUP**  
Depth: 13,1 cm



**5 MICRON FILTER GROUP**  
Depth: 13 cm

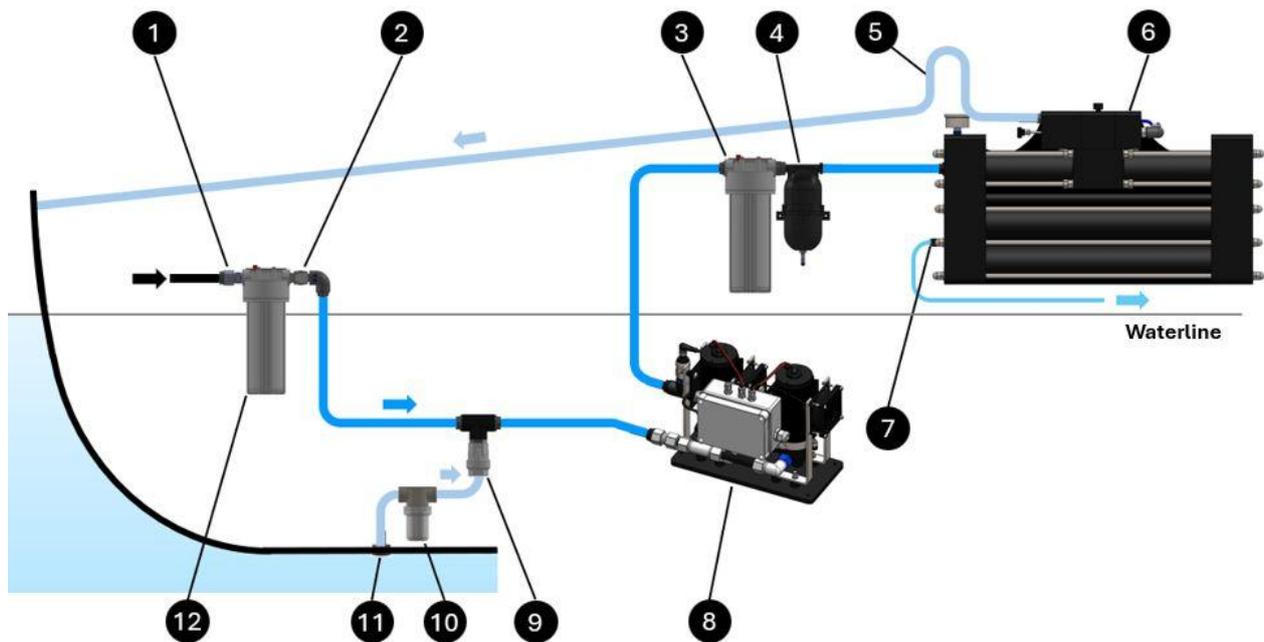


**PUMP GROUP**  
Depth: 24 cm - Weight: 9,2 kg



WATERMAKER  
Depth: 15,3 cm - Weight: 21,3 kg

## INSTALLATION SCHEME



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

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