

TECHNICAL DATA

Product type	Reverse osmosis watermaker
Application	Seawater for nautical application
Production	65 l/h $\pm 15\%$ (17,7 gal/h $\pm 15\%$) @35 ppm e 25 °C
Membranes	2x Membrane SW-2521
Rejection	99,5% (nominal)
Power supply	12 V $\pm 15\%$ DC 24 V $\pm 15\%$ DC
Absorption - Power required	25 A $\pm 15\%$ - 300 W $\pm 15\%$ (12 V) 12 A $\pm 15\%$ - 300 W $\pm 15\%$ (24 V)
Pumps	Pompa rotativa
Pressure pump	7,8 – 8,2 bar
Flow rate pump	9,8 – 10,8 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"

HYDRAULIC CONNECTIONS

PUMP / FILTERS / NR VALVE

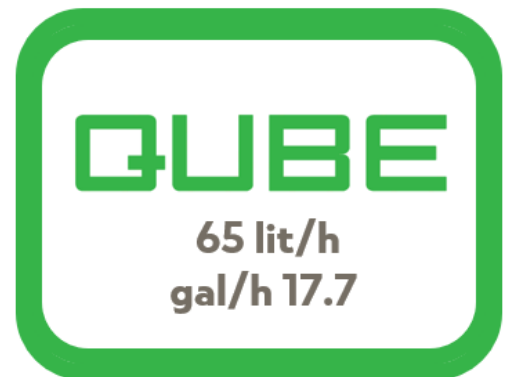
Seawater inlet	Hose barb DN16
Seawater outlet	Hose barb DN16

WATERMAKER

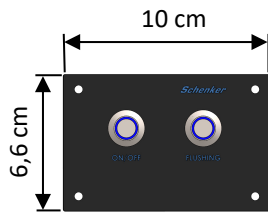
Seawater inlet	Hose barb DN16
Concentrated water outlet	Hose barb DN16
Fresh water outlet	Compression fitting 1/4" for hose 6x8

CONTROL SYSTEMS AND OPTIONAL DEVICES

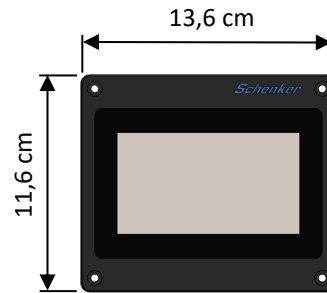
Electronica	Basic / Touch
Funzionamento a pressione costante	Standard
Risciacquo automatico	Standard con riduzione del numero di giri del motore del 30%
Monitoraggio salinità permeato	N.A. (Basic) / Optional (Touch)



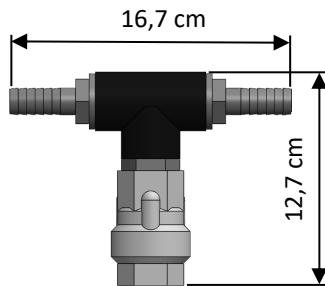
COMPONENTI



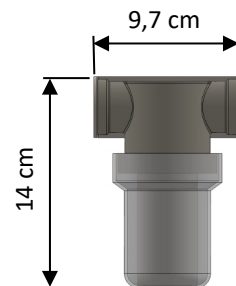
CONTROL PANEL (BASIC)
Depth: 3,6 cm
Cut dimensions: 7,6x4,4 cm



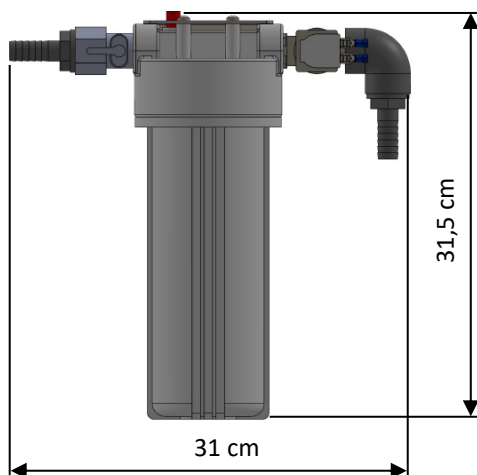
CONTROL PANEL (TOUCH)
Depth: 3,2 cm
Cut dimensions: 11x8,8 cm



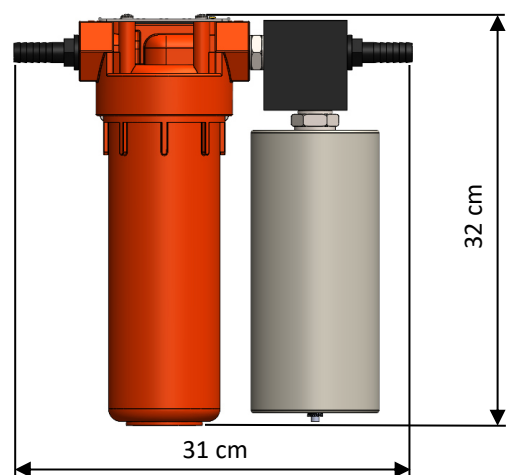
NON-RETURN VALVE
Depth: 4,7 cm



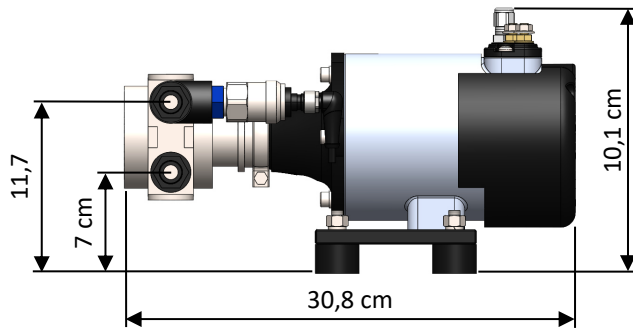
MESH FILTER GROUP
Depth: 9,1 cm



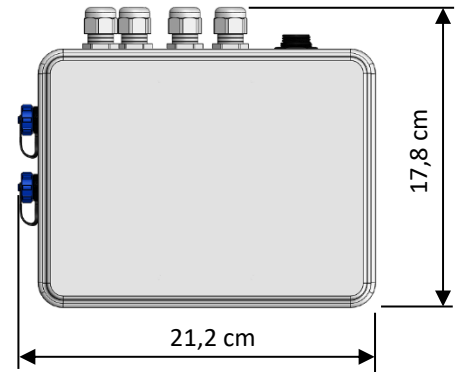
ACTIVE CARBON FILTER GROUP
Depth: 13,1 cm



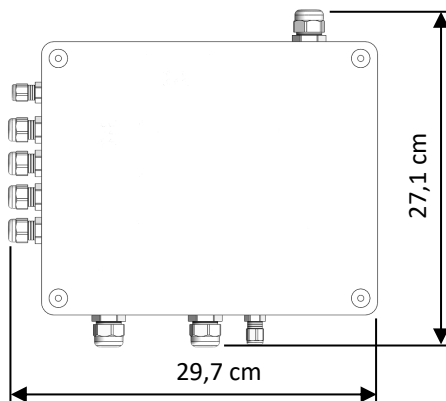
5 MICRON FILTER GROUP
Depth: 11,3 cm



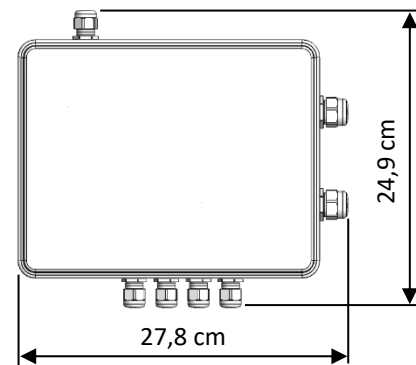
PUMP GROUP
Depth: 25,5 cm - Weight: 6,7 kg



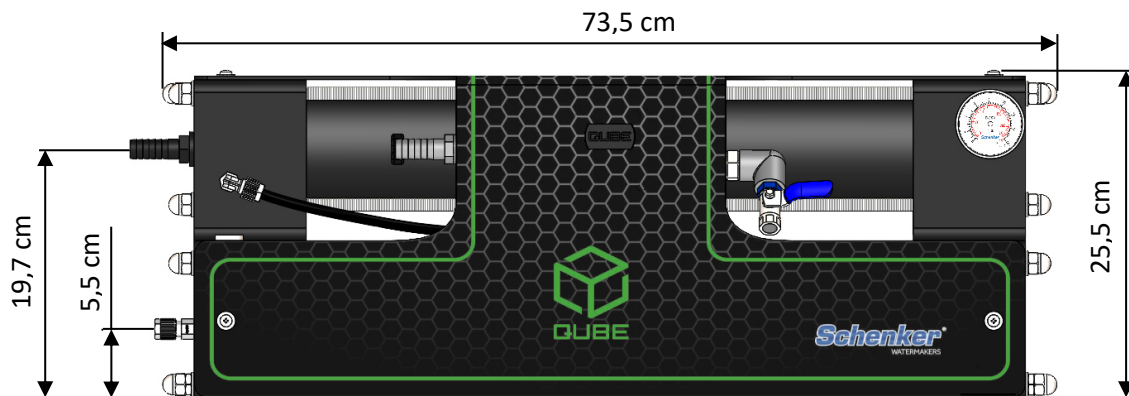
COMPUTER BOX (TOUCH)
Depth: 8 cm



ELECTRICAL PUMP BOX (BASIC)
Depth: 12,8 cm

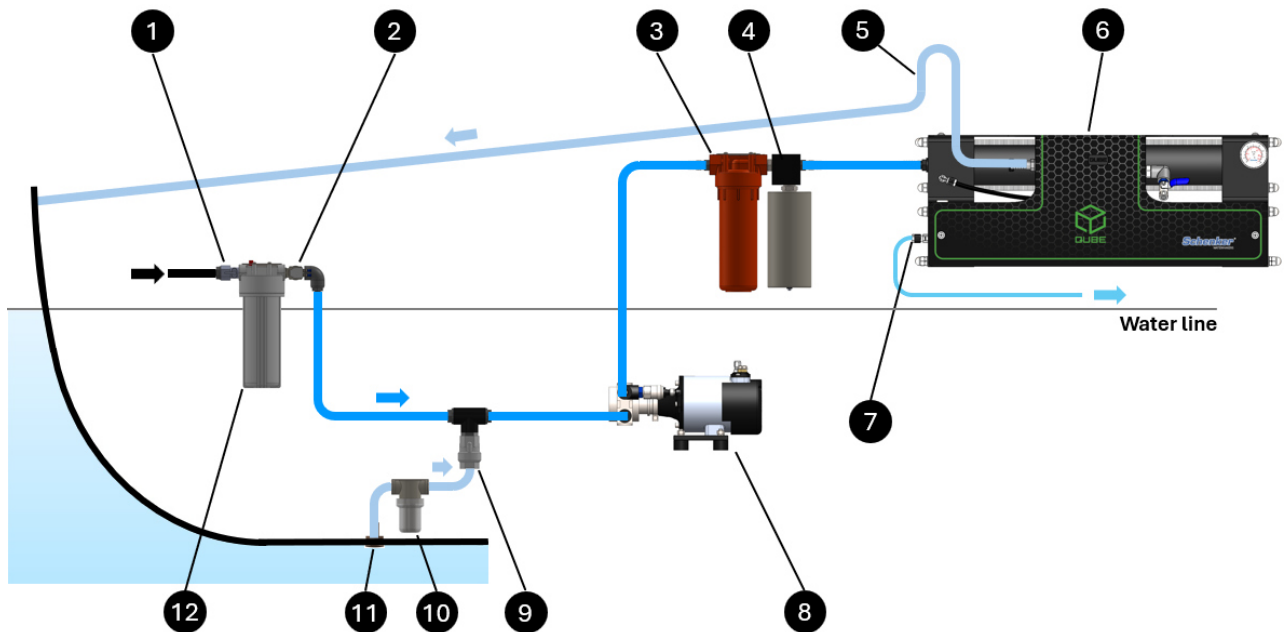


ELECTRICAL PUMP BOX (TOUCH)
Depth: 9,6 cm



WATERMAKER
Depth: 19,4 cm - Weight: 22,9 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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