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Date of establishment: 1992

All equipment photographs taken by:
DREAMPHOTO - www.dreamphoto.pl

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Fresh water treatment skid OCTOPUS

BASIC INFORMATION

Octopus is a **special designed skid** - a frame to effortlessly connect and operate other DOE equipment as SEAHORSE, DODO, MOSQUITO. Every OCTOPUS is made especially to customers needs - according to the ordered other equipment.

DELIVERY

Stainless Steel frame 304, powder painted white (in most cases)
All installed elements in SS steel 316L or 304 or salt resistant

The frame is equipped with bypass pipe where the connections are made. Below elements are also included:

- stainless steel manometer
- stainless steel water meter
- non return valve

When ordering frame with accessories, all the connections are already made and the skid is tested.

APPLICATION

- Hardening the demineralized water – after water maker.
- Cleaning tank for mixing chemicals for cleaning RO machines
- Disinfection of the water by UV units or Chlorine injection
- Antiscalant injection before RO units
- CO2 injection before Dolomite tanks

Designed and made in Poland

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CONSTRUCTION

- Compact construction
- Vertical mounting on the floor
- Specially designed for Reversed Osmosis units
- Special materials and sizes for pipes
- Skid mounted
- Ready to move by the ships door,
- All mounted on common frame tested before shipment
- Ready to fix to the floor and connect electricity
- All Stainless steel material
- All internal piping included
- Externally painted by white powder paint (in most cases)

MOST POPULAR SET

Below, we present the most popular set of DOE equipment, which we install on OCTOPUS skid.

DOE MOSQUITO

Mosquito is a **dosing pump with chemical tank**. Electric controlled dosing interface ensures reliable, cost-effective and precision processes. Simple but powerfull device necessary during water treatment procedure.

Applications:

- Dosing of the chlorine to the drinking water
- Dosing on the antiscalant on the RO systems
- Dosing of the chemicals to the cooling or heating systems

Specification:

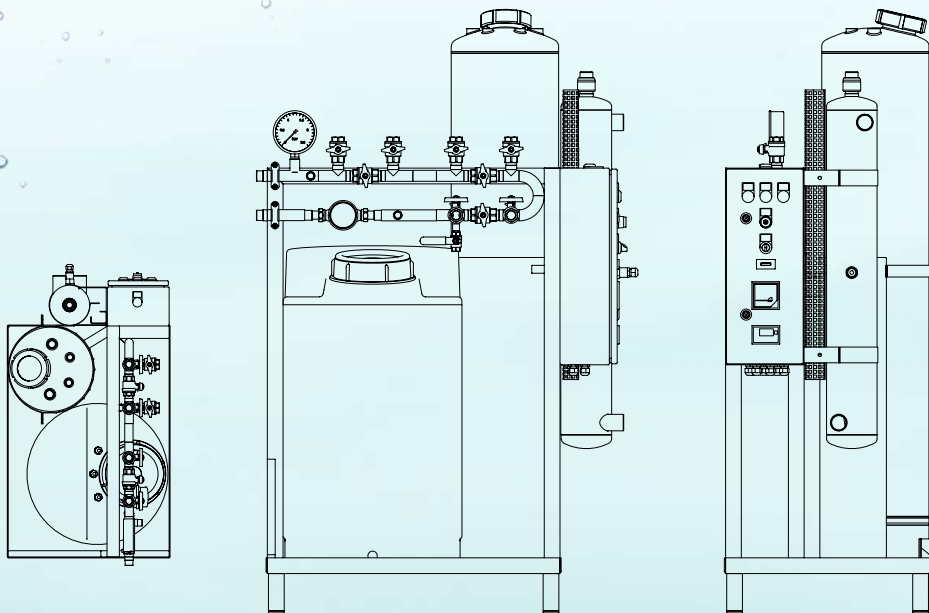
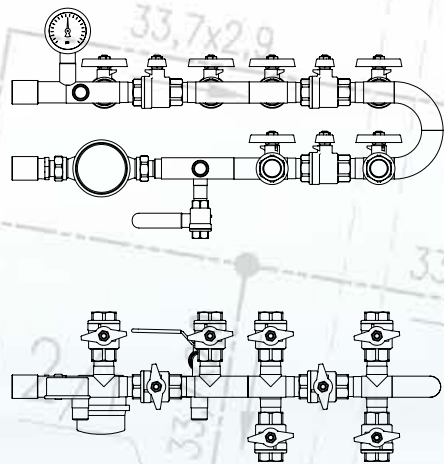
- Pump is powered by 240V 50/60Hz, 1 phase power 37W
- Pump of capacity 2l/h on 10bar (max. 10l/h on 1bar)
- Digital regulation 1-100%
- Pump pressure - max. 10bar
- Inlet filter is connected with the pump
- Level sensor to prevent the pump from dry work
- Total weight - 10kg
- IP65
- Non return valve and the pressure pipe 5m included

DOE DoDo

DoDo is a **mineralizer**. Stainless steel tank filled up with dolomite or other mineral bed. Water flows through the tank and gets minerals from the mineral bed.

DOE SEAHORSE

Seahorse is a **UV disinfection** constant flow machine. Water flows through a pipe and is treated with UV lamp. We have different options of lamps available. Every machine comes with CE certificate according to the directive 73/23/EWG and 98/37/WE and PZH attest. Additionally we can handle certification according to DNV, LR, BV and other rules. More information available in the separate leaflet.



TECHNICAL DATA

width	100 cm
depth	60 cm
height	150 cm
capacity	from 1 to 20 t/day
designed pressure	10 bar
working pressure	4-8 bar
test pressure	13 bar
working temperature	5 to 50°C

all connections are BSP inside threaded
all connections, pipes installed and tested
if electrically connected – all tested working ok
Presented technical data is calculated of example model