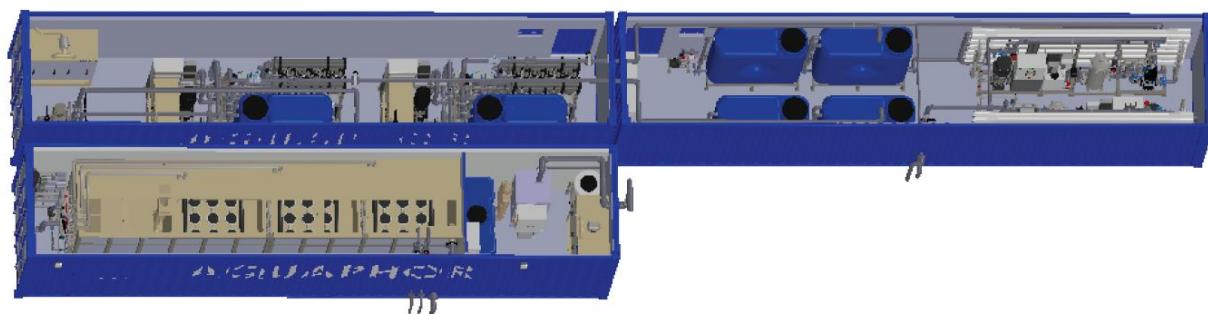


Water Treatment system

UFRO - 40 000



UFRO - 40000 technical data

Permeate capacity – 40000 LPH

Number of RO-membranes – 48 x 8040

Working pressure - 2...8 bar

Inlet – DN50 flange (2x)

Permeate – DN80 flange

Drainage – DN80 flange

Aeration drainage – DN100 flange

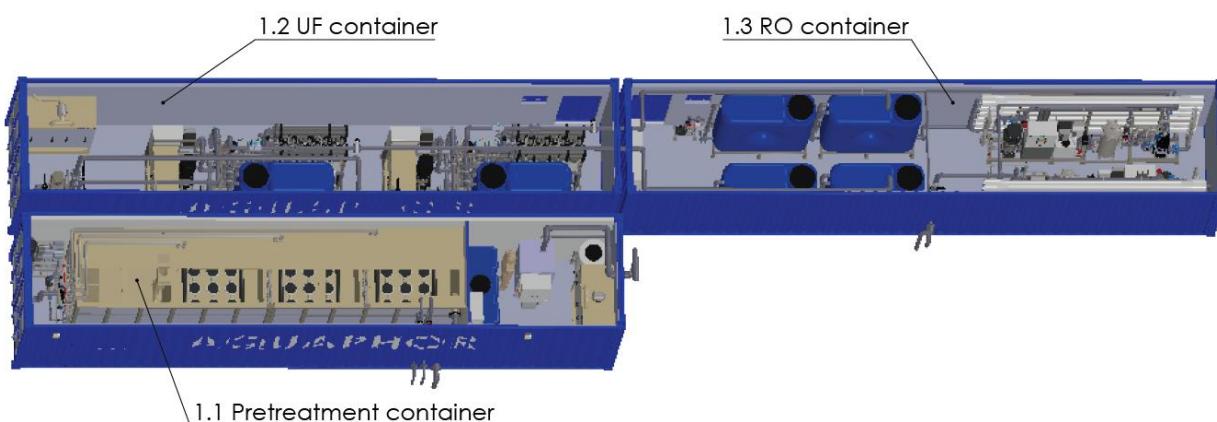
Power – 70 kW

Voltage - 3x400 V

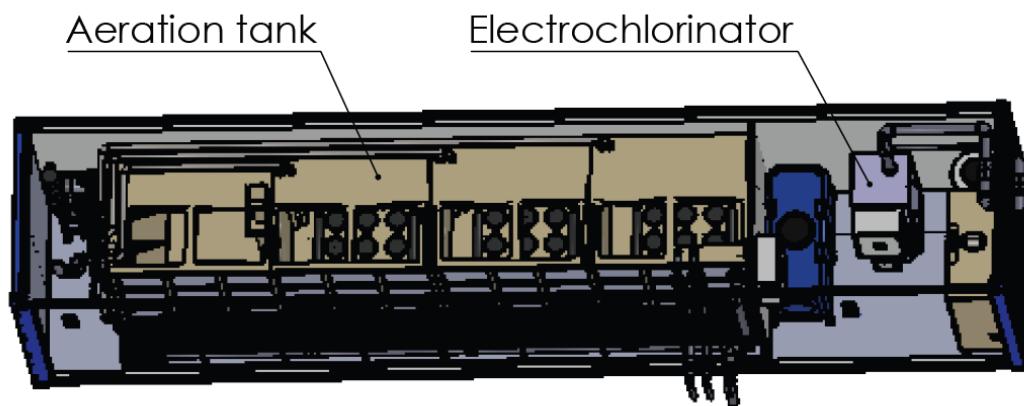
Nominal current – 160 A

Frequency – 50 Hz

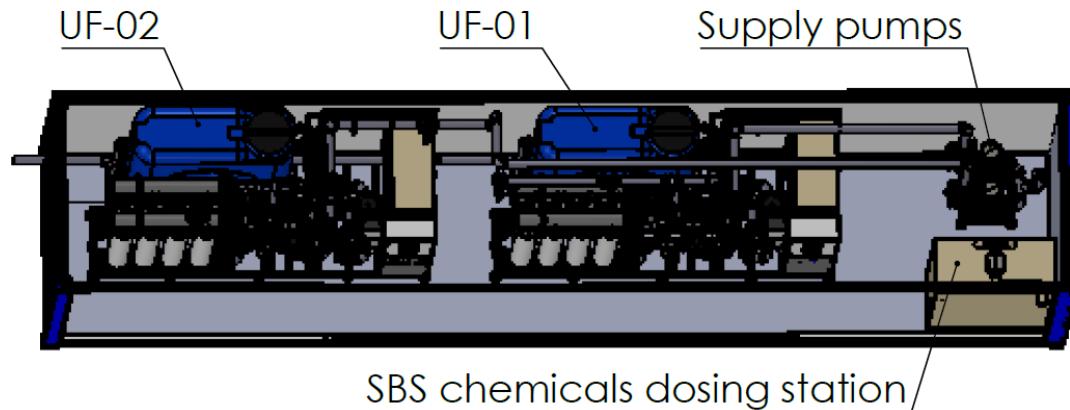
The system UFRO-40000 consists of three 40ft marine containers. Each container is insulated and equipped with a ventilation system.



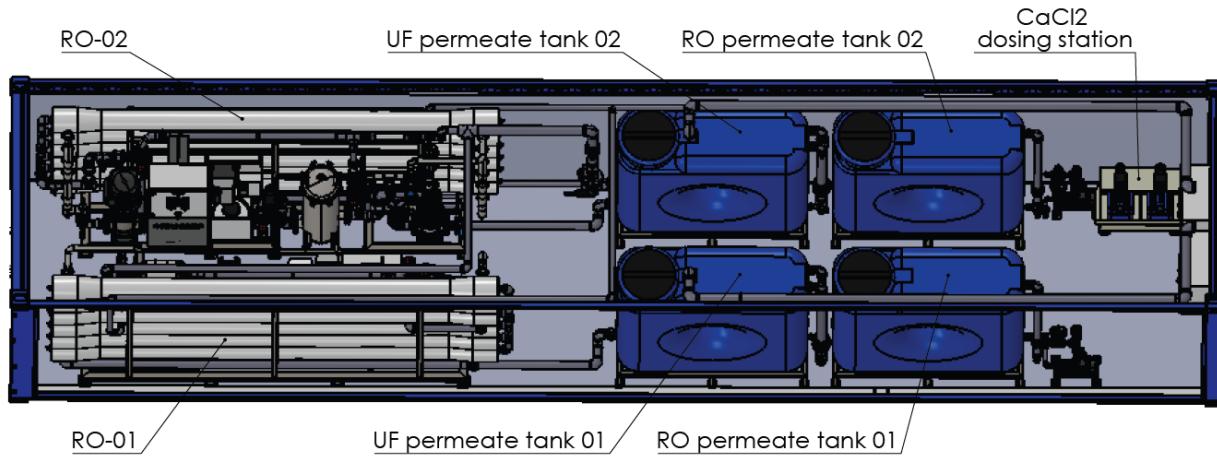
1.1 Pretreatment container includes water aeration system and water chlorination room, where is installed electrochlorinator Selcoperm SES-125.



1.2 Ultrafiltration container includes two UF systems, supply pumps and SBS chemicals dosing station.



1.3 Reverse Osmosis container includes two 2000 L tanks for UF permeate, two RO-20000 LPH systems, two 2000 L tanks for RO permeate. Also here is CaCl₂ chemical dosing station dosing station.



APUF-40000 hydraulic scheme

