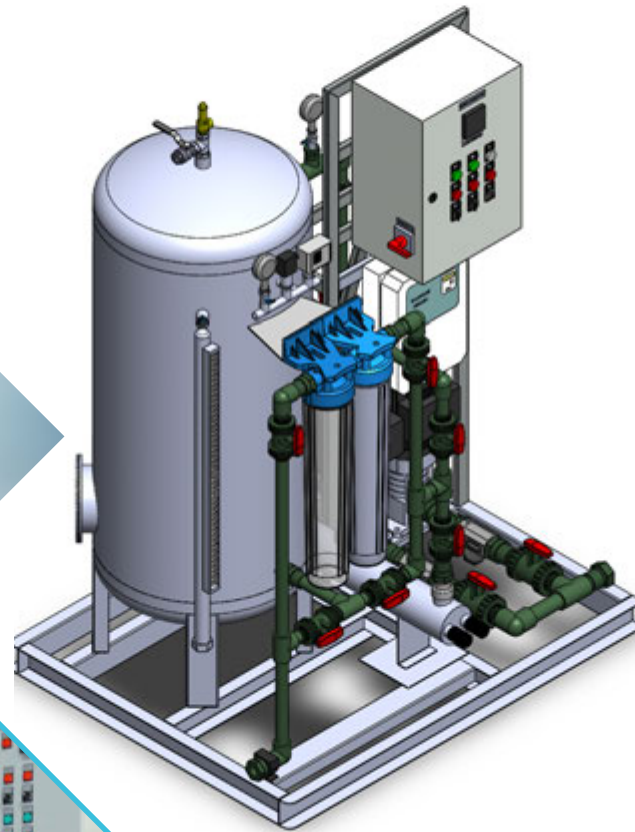
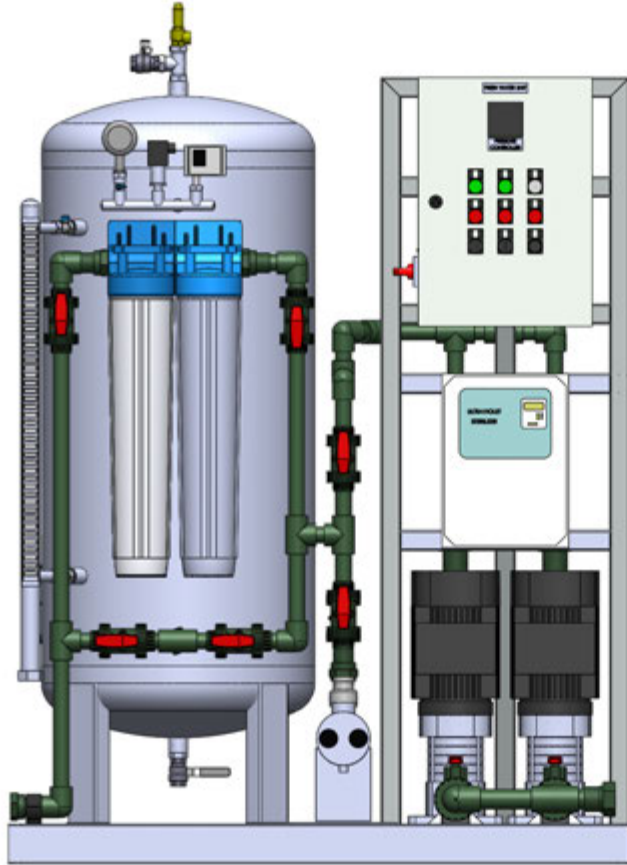


# COMPACT FRESH WATER UNIT FOR MARINE APPLICATIONS

**ASECO<sup>®</sup>** Systems



## WATER COUNTS!



## COMPACT FRESH WATER UNIT FOR MARINE APPLICATIONS

Developed specifically for marine applications. Has been designed and produced with back-up systems for uninterrupted operation under worst case scenarios. Design and materials used have been specifically selected by considering visual satisfaction as well. Hygiene and easy operation criteria are also considered for longer and effective operation. Each and every unit is designed in 3D and manufactured after clients' approval in order to satisfy all Class and special requirements. Solid model of the unit is submitted in engine room design phase so that receiving feedback from clients before production for perfect installation and harmony is possible.

Units are furnished with the state of the art safety systems for perfect component protection.

Units' special design allows the user to deactivate each component one by one both in manual and automatic modes thus the unit keeps functioning properly with its by-pass and back-up systems.

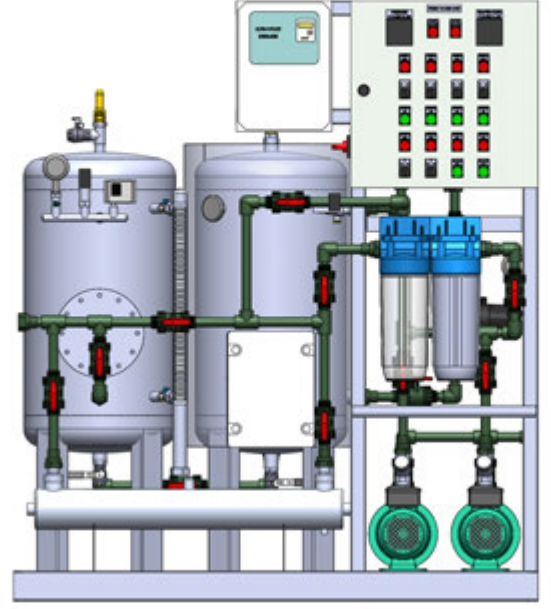
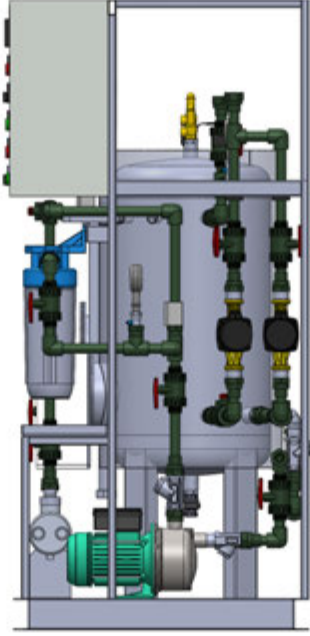


## SPECIFICATIONS;

- Only material used in manufacturing of our tanks is AISI 316Lin order to satisfy the hygienic criteria,
- All metal fittings used are made of either AISI 304 or AISI 316,
- Şase paslanmaya karşı AISI 304 olarak imal edilmektedir,
- Material used in foundation is AISI 304 against corrosion,
- Piping material is C-PVC, certified for marine application,
- Necessary by-pass lines are present for continuous operation even in case UV, filter or cold water tank is out of order,
- Unit is furnished with hot water circulation system in order to made the hot water easily accessible in the cabins while avoiding waste of water,
- Hydrophor pressure pumps are furnished with "PUMPS RUN TOO LONG" safety system in order to protect the components in case no outlet pressure is maintained,
- Hot water tank is furnished with "HW TANK LOW LEVEL" safety system,
- Both tanks are furnished with separate safety valves against high pressure,
- Pressure and temperature controls are maintained by digital process control device,
- In order to maintain continuous operation, mechanical control system runs automatically without manual intervention in case of breakdown on digital pressure control,
- Sensor, pressure switch and other safety devices are of high quality models from prominent manufacturers,
- In order to maintain perfect visual monitoring, adequate number of manometers and thermometers are used,



# ASECO® Systems



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