

Short Introduction to :
Company,
Capabilities and Products

Background

- Compass Water Solutions Inc.
 - Located in Tustin, CA, USA
 - Specialist in water purification
 - Multi-stage filtration
 - Separation membrane technologies
 - Product and services include:
 - Bilge/Oily/Slop Water Separators
 - Reverse Osmosis Water Makers
 - Products:
 - AQUA-SEP[®], ULTRA-SEP[™], VG-SEP, HELI-SEP[®], SAREX[®], CRP-SEP[®]
 - 8,000+ installations completed in our history



CWS Facilities & Capabilities:

- Compass Water Solutions Inc.
 - HQ in Tustin, CA, USA
 - In 2013 relocated to larger facility
 - Design, Manufacturing, Assembly and Acceptance testing under one roof
 - ISO 9001 certified, ABS HQSE Certified
 - Training facilities in-house
 - Technology Leader water purification :
 - Focus on Membrane based purification
 - High degree of product standardization
 - Flexibility on custom made systems
 - World wide service and aftermarket organization



Compass Water Solutions :

The latest Water Purification Technologies applied because:

- **In the heart of Reverse Osmosis advanced technologies**
Based in a region traditionally steep in research and development allow us to tap the brightest brain and latest fluid treatment technology
- **Proximity to Industry Leading Suppliers**
Strong relationship with leading RO component manufacturers ensures competitive supply
- **Immediacy**
Close proximity ensure that you get the latest batch from manufacturers at the shortest delivery time



Product-lines:

Fresh Water Maker :

Oily Bilge Water Separator :

Slop Water Treatment:

Applied Core Technologies

- Next sand Pre-filter media
- Energy efficient pumps
- TFC SWRO membranes
- Energy recovery Turbines
- Stepper motor dosing pumps

- Coalescing matrix plate pack
- Depth process filter
- SPIR-O-LATOR UF-membranes

- Multi phase coalescing matrix
- Hazardous area, Ex , ATEX enclosures
- Fluorescence OCD monitor

Product performance improvement is a continuous process



New AQUA-SEP series 3 :

- Fresh water from 25 – 100 m³ /day from one skidded design
- High degree of standardization
- Single or 2 –pass system
- Axial piston pump or Plunger Pump

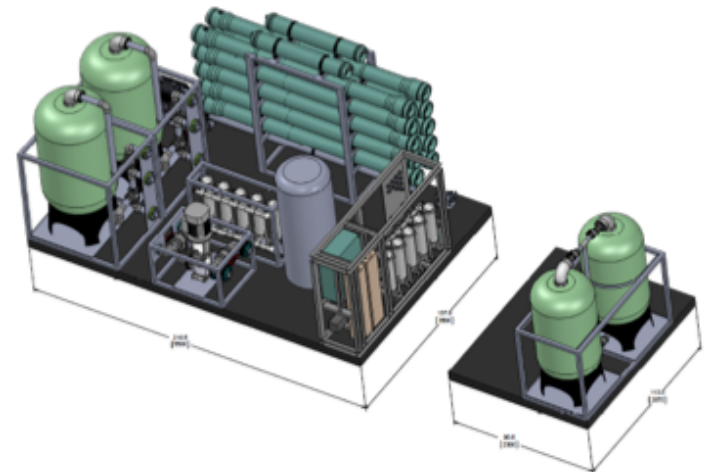


New ULTRA-SEP Standard series:

- From 1,0 m³/hour up to 10 m³/hour
- High degree of standardization
- Improved 5 micron Depth Cartridge process filter
- Improved membrane performance

To meet your effluent and discharge standards: for instance SWRO Designs

- We understand complex issues which affect water production:
 - Silt Density Index's (SDI)
 - pH, temperature and salinity levels (TDS)
- We use of the most current membrane projection and pump selection software
- We design systems for:
 - Potable Water (< 500 ppm TDS)
 - Technical Water (< 10 ppm TDS)
 - Retrofit / Limited Space Installations
 - Hazardous and Safe Area Installations



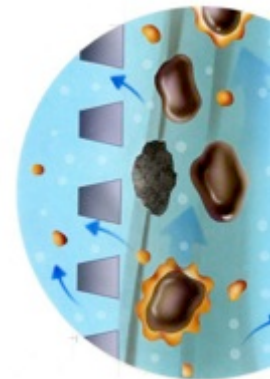
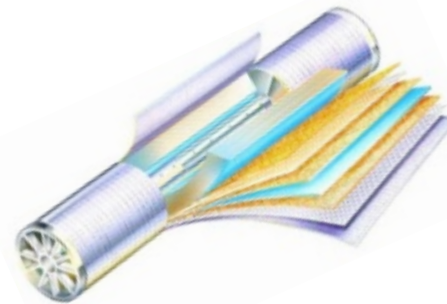
AQUA-SEP S4 design for Offshore customer

To meet your effluent and operational requirement : Example Ultra-Sep : less than 5 ppm Guaranteed

- We understand complexity of bilge water and issues which affect processing capacity of Oily water:
 - Temperature
 - Fine Particles, sooth, solids load and formation of emulsions
- We apply the best technical solution for different filtering ranges
- We ensure the fluid separation process is efficient and reliable:
 - an Ultra-Sep has guaranteed lower than 5 ppm oil in water content

Did you know? That : SPIR-O-LATOR MEMBRANES: Provide a positive physical barrier against a spill and will always less than 5 ppm * effluent to your overboard connection

* Under normal operating conditions



CWS also take great care of the paperworks: Class Society Unit Inspection / Certification

- Class rep. attendance of complete factory acceptance test and sign off on each successful procedure
- Drawings and documentation stamping with Class Society logo and Rep. signature
- Deliverable inspection summary report and certificate
- Optional for all systems





THANK YOU FOR YOUR ATTENTION