Fresh water for life

Sustainable, Clean, Economical and Reliable

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Water is life
Alfa Laval distillation technology

Fresh water generators

- High end water quality <10 PPM
- Plate technology, possible to perform CIP
- Limited pre-treatment requirements
- High availability
- Low energy consumption
- Designed for long lifetime
  - SS, Duplex, Brass & Titanium
- Low chemical consumption
- Low operator attendance & maintenance need
- Engineering capabilities
  - Standard designed units or fully engineered to customer specifications
Our fresh water generators for Oil & Gas

Vacuum vapour compression
- Only using electricity as input to drive process
- ORCA : More than 300 units delivered

Waste heat
- Using hot water (and/or steam) to drive process
- DOLPHIN : More than 20000 units delivered
- AQUA : More than 2000 units delivered

Large capacity multi effect
- Using hot water, steam to drive process
- MEP (Multi Effect Plate)
- TVC (Thermo Vapour Compression)
- More than 200 units delivered
Engineered solutions

- ORCA 40 m³/d with pre- and after treatment system in 20” container
- Dolphin 70 m³/d on large skid with steam system and pre- and after treatment equipment
- AQUA 100 m³/d on skid with steam system and automatic control
- MEP plant (3 x 996 m³/day)
Engineered solutions - as requested

- ORCA 40 m³/d with pre- and after treatment system in 20" container
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However - Cheaper, faster and easier in standard versions
Global service offering
Fresh water generators

Start-up
- Commissioning
- Commissioning supervision

Monitoring
- Condition audit
- Performance audit

Support
- Troubleshooting
- Training service

Improvements
- Redesign
- Replacement and retrofit

Maintenance
- Preventive maintenance
- Repair
- Reconditioning
- Spare parts
- Service tools
- Exchange
- Cleaning services

360° service portfolio
Thank you