





# 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 m<sup>3</sup>/d with pre- and after treatment system in 20" container
- Dolphin 70 m<sup>3</sup>/d on large skid with steam system and pre- and after treatment equipment
- AQUA 100 m<sup>3</sup>/d on skid with steam system and automatic control
- MEP plant (3 x 996 m<sup>3</sup>/day)

# Engineered solutions - as requested



- ORCA 40 m<sup>3</sup>/d on skid with steam system and pre- and after treatment equipment in 20" container
- AQUA 100 m<sup>3</sup>/d on large skid with steam system and pre- and after treatment equipment
- AQUA 100 m<sup>3</sup>/d on skid with steam system and automatic control
- MEP plant (3 x 996 m<sup>3</sup>/day)

**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

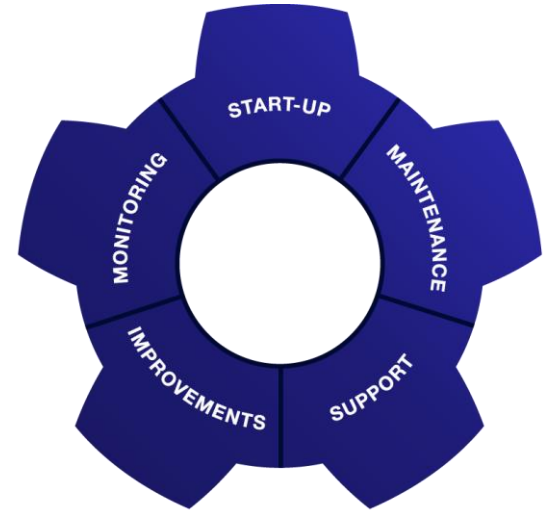
- Troubleshooting
- Training service

### Improvements

- Redesign
- Replacement and retrofit

### Maintenance

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



360° service portfolio



# Thank you

