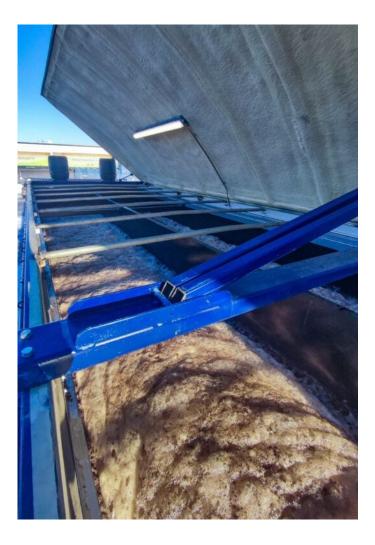


OwaAIR is a solution built in a sea container, which is available in two different sizes: a six or 12-meter container. In addition to a large air supply, water treatment can be enhanced with various biological methods, which can potentially reduce the need for chemicals.



The efficiency of the aeration unit is based on a large amount of air supplied from the bottom of the pool and biological treatment. The flow capacity can be up to 20 m3/h, and this pretreatment significantly affects the reduction of pollutants such as BOD and COD.

Examples by industries:

- ✓ Pulp and Paper Industry wastewaters and fiber recovery
- Food Industry wastewater
- Waste Management run-off and reject water

BASIC INFORMATION



SIZE / TYPE OF CONTAINER

OwaAIR20 I OwaAIR40 Length: 40 feet 12 192 mm Widht: 2 440 mm Height: 2 700 mm



OPERATION MASS

50 000 kg

- Product group Pretreatment
- Product type Aeration unit
- Series 7092-
- ✓ Transportation weight 9 500 kg
- Manufactured by Owatec Group Oy
- Made in Finland



FLOW CAPACITY 5 - 20 m3/h

TECHNICAL INFORMATION

- Automation and control panel ABB or Siemen
- ✓ Pool material PE
- ✓ Inlet connection DN50 flange
- ✓ Outlet connection DN50 flange
- ✓ Sludge pump 3m3/h

- ✓ Air blower 5,5 kW I 240m3/h
- ✓ Flow sensor for air 0-20 m/s
- ✓ Power supply 32A
- ✓ Heat pump
- Temperature measurement inside the container Fahrenheit / Celcius
- ✓ Dissolved oxygen measurement 0,10 20 ppm

OTHER INFORMATION

- ✓ pH of the treated water 5-9
- ✓ Temp of the treated water 10 35°C

Ambient temp 4 seasons

