

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 | OwaAIR40
 Length: 40 feet 12 192 mm
 Width: 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** Owaterc 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 | 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

#JUSTPLUGANDPLAY

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