

TECHNICAL DATASHEET

# Roxia Floating Aerator 1,5 kW

Roxia Floating Aerators are CE marked products from Finland.

## Technical data

Oxygen transfer efficiency	Up to 2,2 kgO <sub>2</sub> /kWh*
Spray pattern diameter	Appr. 3,5 m
Motor	3-phase customized motor manufactured by Lönne or equal
Nominal power	1,5 kW
Efficiency class	IE2
Insulation class	H
V/F	400V +- 5%, 50Hz
Electrical cable	4G2,5 European standard cable. Note: Length and local electrical control system may affect. When using AC-drive EMC-cable or shielded cable is required
Main dimensions	1000 mm x 1000 mm x 550 mm
Weight of aerator with floats	Appr. 40 – 50 kg
Materials	<ul style="list-style-type: none"> <li>× AISI 316 (shaft and other metal parts)</li> <li>× Impeller aluminum</li> <li>× Float PUR-plastic</li> <li>× Intake pipe** PE-Plastic</li> </ul>

## Optional features

- Frequency converter (AC-drive)
  - × Protection class IP20 or IP55
  - × Automatic impeller cleaning cycle feature

Roxia Digital Services & Roxia Malibu™

Metal parts AISI 304

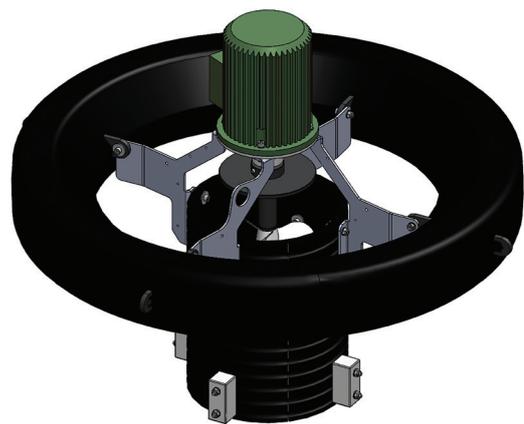
Intake pipe screen

Lifting hook

Return channel (to deep lakes)

Cooling fan

Lights



\* Oxygen measurement accuracy ± 15%

\*\* Customer must define the length of the intake pipe (the pipe should be 0,6 – 2,0 m above the bottom of the basin, depends on basins material).

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