

TEHNICAL DATASHEET

Roxia Floating Aerator 3 kW (4 hp)

Roxia Floating Aerators are CE marked products from Finland.

Technical data

Oxygen transfer efficiency	Up to 2,0 kgO ₂ /kWh* (4.0 lbO ₂ /hp-hr)
Spray pattern diameter	Appr. 4,5 m (14.8 ft)
Motor	3-phase customized motor manufactured by Lönne or equal (CE, UL and CSA approved)
Nominal power	3 kW (4 hp)
Efficiency class	IE3
Insulation class	H
V/F	50 Hz: 400 V +- 5%, 5,9A; 60 Hz: 460V +- 5%, 5,9A
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	1200 mm x 1200 mm x 800 mm (47,2" x 47,2" x 31,5")
Weight of aerator with floats	Appr. 110 kg (295 lb)
Materials	<ul style="list-style-type: none"> × AISI 316 (shaft and other metal parts) × Impeller plastic × Float PE-plastic × Intake pipe** PE-Plastic

Optional features

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

Roxia Digital Services & Roxia Malibu™

Shallow pond protect (0,5 - 1 m / 1,6 - 3,3 ft depth)

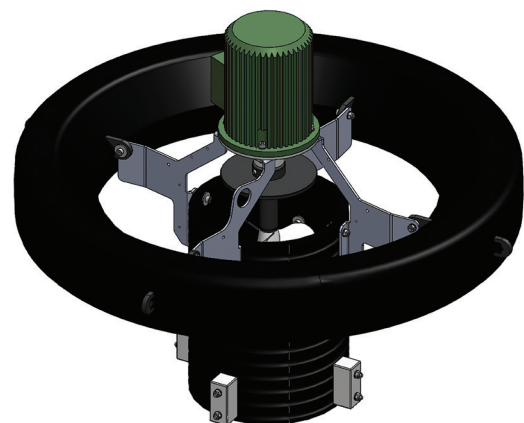
Intake pipe screen

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 1,0 - 2,5 m / 3,3 - 6.6 ft above the bottom of the basin, depends on basins material).

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