

VuOxi Floating Aerator 15 kW (20 hp)

VuOxi Floating Aerators are CE marked products from Finland.

Technical data

Oxygen transfer efficiency	Up to 2,0 kgO ₂ /kWh* (3.2 lbO ₂ /hp-hr)
Spray pattern diameter	Appr. 6,0 m (19,7 ft)
Motor	3-phase customized motor manufactured by Lönne or equal (CE, UL and CSA approved)
Nominal power	15 kW (20 hp)
Efficiency class	IE3
Insulation class	F
V/F	50 Hz: 400 V +- 5 %, 29 A; 60 Hz: 460 V +- 5 %, 26 A
Electrical cable	4G10 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	2090 mm x 2090 mm x 1480 mm (82.3" x 82.3" x 58.3")
Weight of aerator with floats	Appr. 430 kg (888 lb)
Materials	× Metals AISI 304 (shaft and other metal parts) × Impeller alloyed special bronze and plastic × Float PE-plastic × Intake pipe** PE-plastic

Optional features

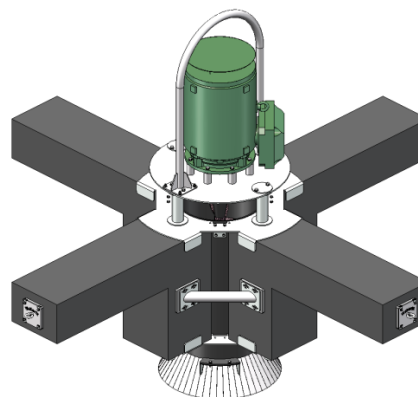
- Frequency converter (AC-drive)
 - × Protection class IP21
 - × Automatic impeller cleaning cycle feature

Metal parts AISI 316

Intake pipe screen

Lifting frame

Shallow pond protect



* Oxygen measurement accuracy $\pm 15\%$

** Customer must define the length of the intake pipe (the pipe should be 1,0 – 2,0 m / 3.3 - 6.6 ft above the bottom of the basin, depends on basins material).

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