

KINGFISHER

NANOBUDDLE GENERATOR

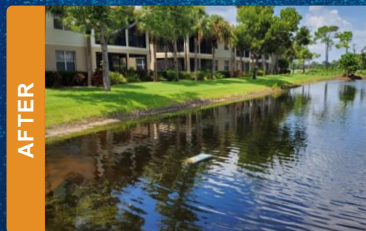
Next-Generation Technology for Lake & Pond Health

Adding nanobubbles to your lake management plan has never been easier. With Moleaer's Kingfisher™ nanobubble generator, reducing algae, foul odors and muck buildup is now possible with sustainable, chemical-free nanobubble technology. Simple shore-mounted installation, easy maintenance, and only three moving parts make the Kingfisher a cost-effective tool for lake owners everywhere to take advantage of the unique benefits of nanobubbles.

Moleaer listened to industry experts and applied years of experience and research, including large-scale commercial water remediation projects, to develop this new, affordable nanobubble generator.



BEFORE



AFTER



49.2 cm H x 43 cm L x 75 cm W | 25 kg

Features

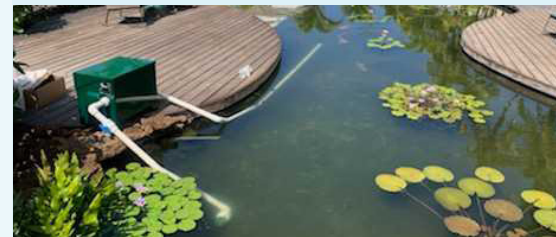
Benefits

Designed For

- ✔ Designed for small water bodies
- ✔ Easy to install & maintain with only 3 moving parts
- ✔ Quiet, 57 dB at 1 meter away
- ✔ Complimentary to traditional aeration systems
- ✔ Standard 230V electrical outlet
- ✔ Micro-dose ozone nanobubbles
- ✔ Tamper-proof enclosure

- ✔ Reduce algae
- ✔ Minimize foul odors
- ✔ Digest sediment
- ✔ Improve water quality and clarity
- ✔ Diminish midge fly habitat
- ✔ Enhance fish and ecosystem health
- ✔ Reduce nutrient buildup
- ✔ Reduce reliance on chemicals

- ✔ Golf course ponds and waterways
- ✔ HOA and condo lakes and ponds
- ✔ Irrigation ponds and canals
- ✔ Residential lakefronts



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TECHNICAL SPECIFICATIONS

LIQUID FLOW CAPACITY (WATER)	
Flow Rate, m ³ /h	9.1
Maximum Liquid Pressure, Barg	1.03
OPERATING PARAMETERS	
Temperature Tolerance, °C	4 - 60
Solids, mm	< 10
ELECTRICAL POWER	
Voltage	230
Phase	1
Hz	50
Pump Motor Power (HP/kW)	1.5 / 1.12
Amps (Standard Household 15 Amp Outlet)	6
PUMP	
Pump Type	IPX5 / TEFC
Wetted Parts Materials	Polypropylene / Buna / Viton
Motor Starter Switch	Start Button (Latching)
UNIT CONNECTIONS	
Unit Inlet, mm	63
Unit Discharge, mm	50
DIMENSIONS AND WEIGHT	
Height, cm	49.2
Width, cm	43
Length, cm	75
Weight, kg	25
MATERIALS	
Piping	PVC
Enclosure	Powdercoated Steel

Preliminary Specifications: All specifications are subject to change.

Note: Moleaer recommends users check with local regulations regarding the use of ozone in water bodies. Ozone generator can be bypassed. See manual for instructions to bypass ozone.

KINGFISHER™

Notes: EPA Establishment Number 94231-CA-1 Intake screen is necessary to prevent clogging.

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