



EXTRA SET OF BLACK ROTORS

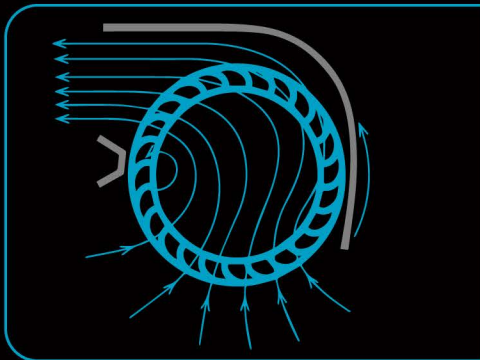
MJ-GF SERIES

GYRE FLOW PUMP

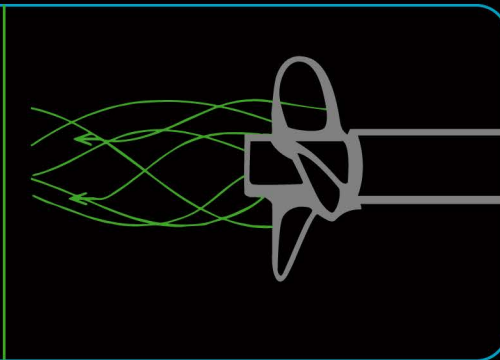
SUPERIOR CROSSFLOW TECHNOLOGY EXPLAINED

Comparing to traditional powerheads and wavemakers, based on propeller nozzle technology, our latest gyre generator is based on crossflow technology.

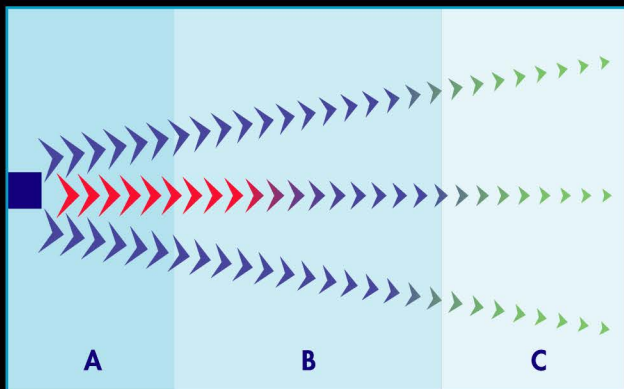
Crossflow technology



Propeller nozzle technology

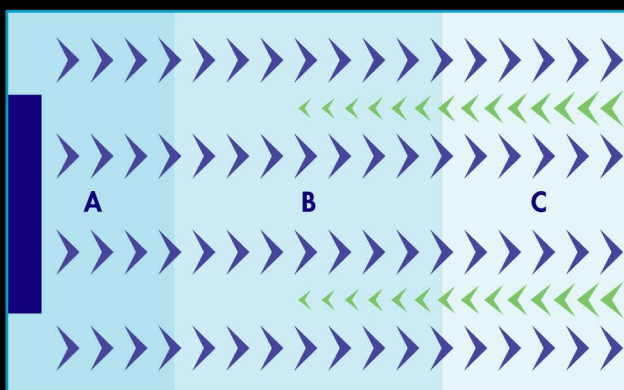


Propeller nozzle technology



- A Dead spots with relatively poor water movement.
- B Very strong flow in the center, making coral placement very difficult.
- C Very weak flow near the other end of the aquarium.

Crossflow technology

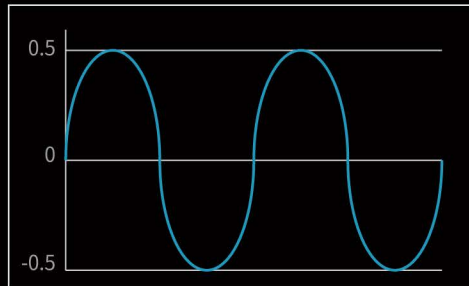


- A Virtually no dead spots.
- B Evenly distributed flow rate throughout the entire aquarium.
- C Water bounces back from the other side to create a full circulation, ie. generating "gyre flows".

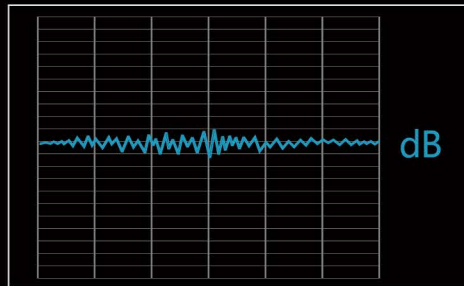
NEAR-SILENT OPERATION WITH SINE WAVE TECHNOLOGY

Sine Wave Pattern

Electricity current alternates in a much smoother pendulum while using Sine Wave Technology.

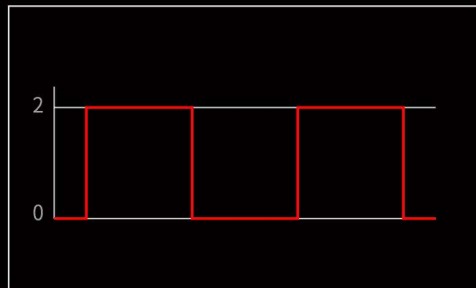


Sine Wave Technology Decibel Level.

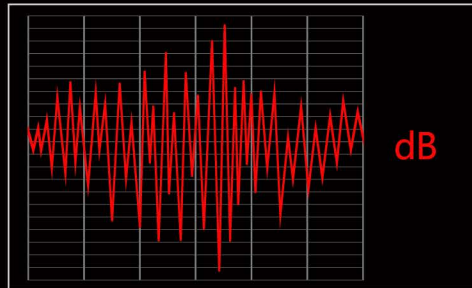


Traditional Pattern

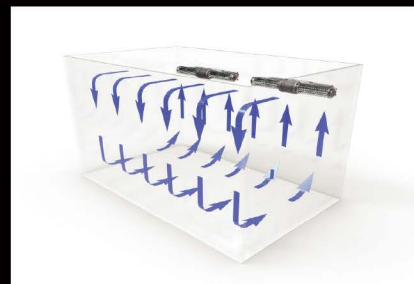
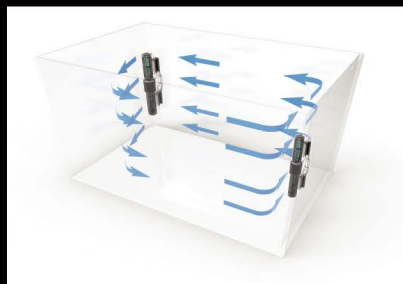
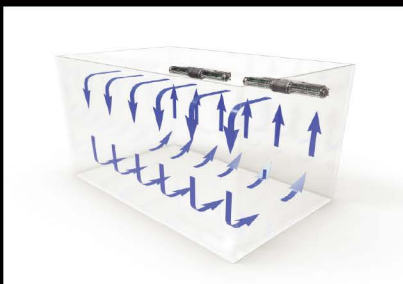
Electricity current alternates in a very sharp pattern while using traditional technology.



Traditional technology Decibel Level.



Achieve full circulation within the aquarium with ease



INTEGRATED CONTROLLER WITH LARGE DISPLAY

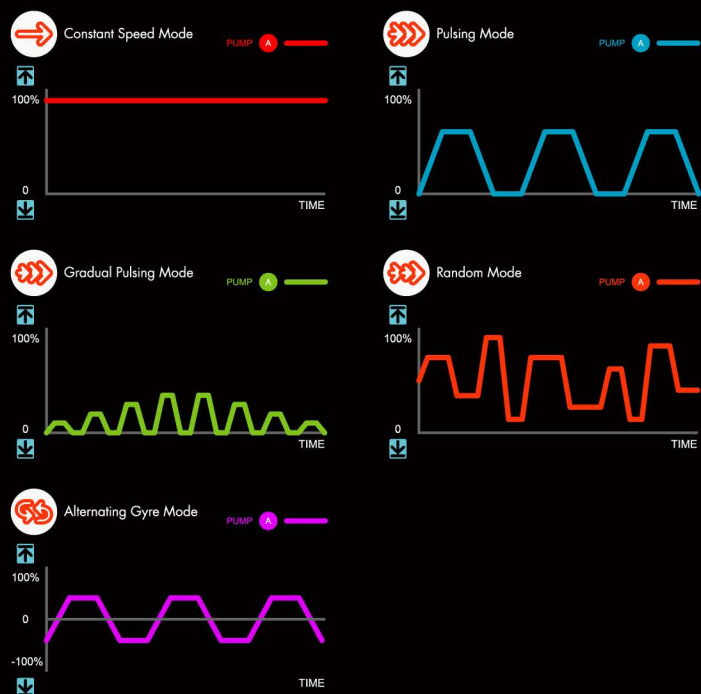
Fully programmable 24 hours gyre flow cycle



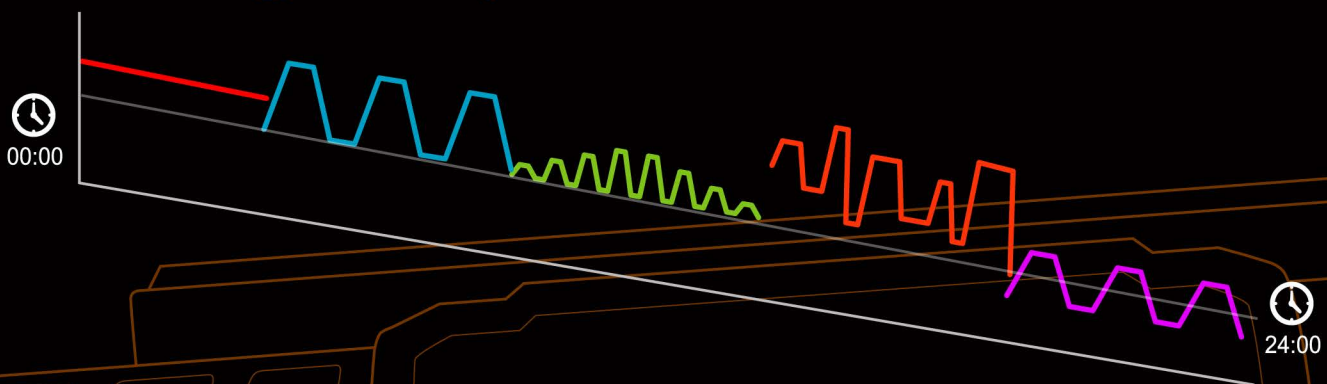
Water Movement Mode

- ➡ Constant Speed Mode
- ➡➡ Pulsing Mode
- ➡➡➡ Gradual Pulsing Mode
- ➡➡➡ Random Mode
- ➡➡➡ Alternating Gyre Mode

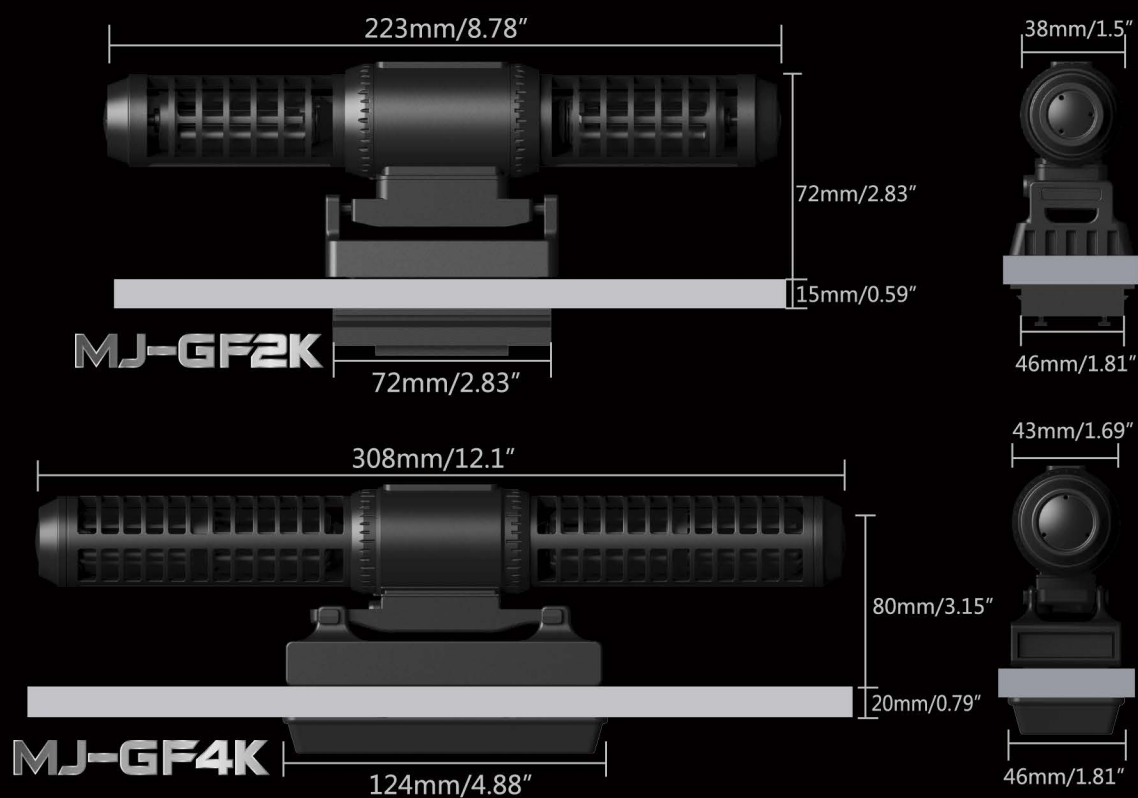
Water Movement Mode Sample Diagram



24 hours gyre flow cycle illustrated



SPECIFICATIONS



Model	MJ-GF2K	MJ-GF4K
Dimension	L223 x W72 x H38mm L8.78 x W2.83 x H1.5inch	L308 x W80 x H43mm L12.1 x W3.15 x H1.69inch
Power Consumption	25W	45W
Flow Rate	7,000 L/H(1,849 US Gal/H)	15,000 L/H(3,962 US Gal/H)
Suitable for Aquarium	50-250L/13-66 US Gal	50-450L/13-118 US Gal
Weight (Pump Unit)	457g/16.1oz	711g/25.1oz
Glass thickness: standard	15mm/0.59inch	20mm/0.79inch