



## Make *Waves* to Improve Your Water

A simple, solar-powered device that purifies water with specialized wave mixing.

## Applications

Tank/lagoon mixing  
Floating weed/vegetation control  
Reservoir/pond purification  
Lagoon TSS/BOD/N/P reduction

Heat mitigation and cooling  
Algae remediation  
Ice prevention  
Evaporation

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## Before the Rippler



## After One Month with the Rippler

Waves are created and thousands of gallons of water are launched across the surface every minute, tearing through weeds, affecting photosynthesis and heat transfer, and mixing complete bodies of water.

By timing the frequency and duration of (free) wave energy, a body of water can be conditioned and exercised to achieve specific limnological and water quality outcomes.

Whether it's completely mixing a basin, purifying a pond, or eliminating problematic algal species, the Risen Rippler can accomplish desirable water quality outcomes like no other.





# TECHNICAL DATA SHEET



## Technology Specifications

Materials of Construction	316 SS, Aluminum, Steel
Anti-Fowling Coating	Tnemec
Anchors	(3) 50 lbs each
Dimensions Mixer	5'5"W x 3' H
Weight of Rippler	350 lbs
Wave Pumping Volume	2000-3000 GPM
Motor Specs	12V DC, 80RPM, 1/6 HP
Industrial Power Station - 2 unit control	Solar Panel, (4)200 W
Battery	460 Ah LiFePO
Run Time on Single Charge	Up to 48 hours
Economy Power Station -1 unit control	Solar Panel, (1) 200 W
Battery	100 Ah LiFePO
Run Time on Single Charge	Up to 12 hours
Warranty	2 Years Rippler, 1 Year Solar Panel and Control Panel

