



# RPS FOUNTAIN KIT BUYER'S GUIDE:

Everything You Need To Know!









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### Why Should You Aerate With A Fountain?

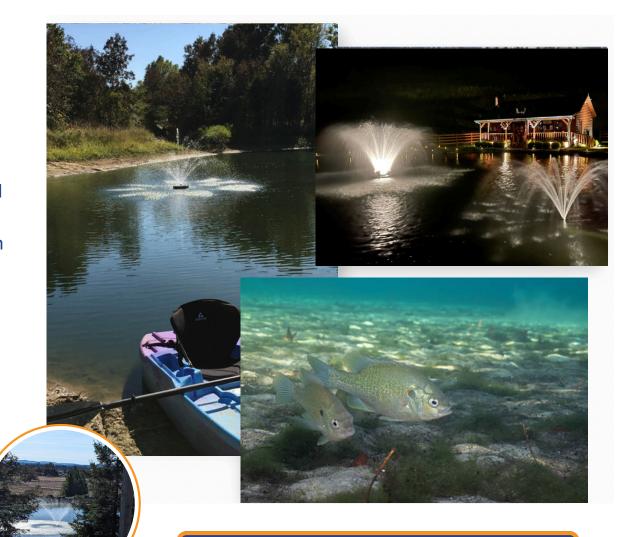
Fountains keep surface water moving and oxygenated, which prevents algae blooms, stops mosquitoes from breeding, supports healthy fish, and helps break down organic muck on the top of the pond.

It also reduces foul odors and improves overall water clarity. Whether your pond is in a backyard, pasture, or remote location, aeration is one of the best things you can do to keep it clean, balanced, and enjoyable.

### **LEARN MORE »**







SIZE A FOUNTAIN FOR YOUR POND »







Why choose solar fountain over a

grid-tied system?

When it comes to keeping your pond clean, healthy, and beautiful, more and more folks are making the switch to solar-powered fountains—and for good reason. Traditional grid-tied AC-powered systems can be a hassle, especially in rural or off-grid areas where power isn't nearby (or where running electrical lines costs a fortune). Many of our customers came to us frustrated after years of extension cords, high power bills, or systems that kept failing during power outages.

With a solar fountain from RPS, you're getting a cleaner, simpler solution. No trenching. No electrical permits. No risk of your fountain shutting off during storms or outages when your pond needs oxygen the most. Whether you're managing algae, improving water clarity, or protecting fish during hot weather, solar just works—without the monthly electric bill.

No Trenching. No Permits. No Outages









### **Aeration or Fountain?**



#### **Fountains**

Our Solar Fountain Series Pumps are high volume pumps – floating submersible or self priming suction. Add healthy oxygen and circulate your pond's water! There is no other solar fountain pump kit like this on the market! Healthy water means algae-free. Easy to install!

- Our range of fountains produce between 5-40 lbs of oxygen per day.
- Improve your pond's health and add aesthetic flair at the same time!

**SHOP FOUNTAINS** »



#### **Aerators**

Our RPS engineers spent all year developing a solar powered air compressor kit that is now the most unique technology we've found anywhere on the internet to aerate your pond! Easily assembled and installed by one person in a single weekend, lifting no more than 18 lbs at a time.

The solar powered air compressor pushes oxygen through a weighted hose down to a bubbling air stone, aerating multiple pond thermoclines with fresh O2.

Supported for pond bottoms up to 15 feet deep.

**SHOP AERATORS** »







### **The Power of DIY Installation**

Installing a solar fountain doesn't have to be complicated—or costly. At RPS, we believe in empowering pond owners with systems that are thoughtfully designed for easy, DIY installation. That means no need to hire contractors or run power lines across your property. Our solar fountains come as complete kits with clear instructions, color-coded wiring, and customer-friendly support so you can install your system confidently—often in just a few hours.



Benefit	DIY Installation	Hiring an Installer
Cost	✓ Save hundreds to thousands in labor	✗ High installation fees
Timing	✓ Install on your own schedule	✗ Wait for contractor availability
Ease of Setup	✓ Simple instructions, no special skills needed	✓ Done for you, but may require follow-up
Remote Property Friendly	✓ Ideal for off-grid/rural locations	★ Travel fees or service limitations
Personal Empowerment	✓ Understand your system and gain hands-on confidence	★ Less familiarity with system setup







### WHAT COMES IN THE KIT?

- 1. **Stainless Steel Pump** Stainless Steel High Volume RPS Submersible Centrifugal Pump.
- 2. **DC Disconnect and Solar Wire —**Connects the solar panels and the pump and turns the pump on and off.
- 3. **Fountain Float** Holds and supports the solar pump vertically in the water.
- **4. Spray Nozzles** A Blossom nozzle and a Cluster nozzle for two different looks to your fountain spray.
- 5. **Solar Panels** Solar panels included, but be sure to add on a Top-of-Pole Mount Kit if you'd like a mounting system!
- 6. **NEW! Custom Intake Filter** Keeps pond muck, algae and other debris from entering the pump. (For F800 and above)



\*Added Bonus — Clear Instructions + Generational Support - We're proud to make products you can pass down for generations and the peace of mind that goes with them!

**SHOP FOUNTAINS** »







### **Fountain Sizing By Pond Size and Depth**

Customers sometimes find that one fountain system is adequate for their goals or they have an especially sunny spot with long solar days. You can easily start with one and add later as needed. We also carry the **Spray & Bubble Kit** which includes one F400 Solar Fountain and one AIR400 Solar Aerator if you want the best of both worlds!

### Not Sure? <u>Complete The Fountain Sizing</u> **Quiz Now!**

	Under 2 ft	2-5 feet	5-10 feet	10+ feet
50x50	Air200	F200	F400	F400
1/4 acre	Air200	F400	F800	F800
1/2 acre	Air400	F800	F1600	F1600
1 acre	Air800	F1600	F2200	F2200
2+ acres	2 x Air800	2x F1600 or F2200	2x F1600 or F2200	2x F1600 or F3000

	Competitions Tiny Fountains	F400	F800 TriPower	F1600 TriPower	F2200 TriPower	F3000 TriPower
Fountain Head Nozzle Size	1/4"	3/4"	1-1/2"	1-1/2"	2"	2"
Height / Diameter	6 inch / 10 inch	4ft / 6ft	6ft / 8ft	10ft / 12ft	12ft / 14ft	14ft / 16ft
Gallons Per Minute	1/2	15	25	45	60	75
Gallons Circulated Per Day	180	5,400	9,000	16,200	21,600	27,000
Gallons Circulated Per Month	5,400	162,000	270,000	486,000	648,000	810,000

### Fountain Series vs Competitor Comparison

At RPS, we build our solar fountains to outlast and outperform the smaller brands. While many budget models only work in direct sun and often burn out after a season, our kits use larger solar panels, stronger pumps, and durable components designed for continuous use. Plus, we back everything with U.S.-based support and a solid warranty—things you just don't get with the no-name brands.



### **Kit Comparison**





### **RPS F200** 2 feet 3 feet Fountain Head 3/4" Nozzie Size 2ft/3ft Height / Diameter Gallons Per Minute 8 Gallons Circulated 2,800 Per Day **Gallons Circulated** 86,400 Per Month







#### **Dimensions and Weights**

Well Pump: F200/F400 (2.9" OD, 1" Outlet, 28" Long, ~15lbs)
F800/1600 TriPower ( 3.9" OD, 1-1/2" Outlet, 49.5" Long, ~39.4lbs)
F2200/3000 TriPower ( 3.9" OD, 1-1/2" Outlet, 49.5" Long, ~39.4lbs)

Controller: F200/F400 (13" x 8" x 6", ~10lbs)

F800/1600 TriPower (No Controller Needed, Just Disconnect Switch)
F2200/3000 TriPower (No Controller Needed, Just Disconnect Switch)

**Solar Panels:** 38.6"x20.9"x1.18"~15lbs (100W panels) or 65"x 39"x1.38" ~ 40lbs (370W panels)

F200: 2 x 100W Panels F400: 4 x 100W Panels F800: 8 x 100W Panels F1600: 16 x 100W Panels F2200: 6 x 375W Panels

F3000: 8 x 375W Panels

**RPS F2200 TriPower** 12 feet 14 feet Fountain Head 2" Nozzle Size Height / Diameter 12ft/14ft **Gallons Per Minute** 60 **Gallons Circulated** 21,600 Per Day **Gallons Circulated** 648,000 Per Month

RPS F3000 Tr	iPower
16 fee	t
Fountain Head Nozzle Size	2"
Height / Diameter	14ft/16ft
Gallons Per Minute	75
Gallons Circulated Per Day	27,000
Gallons Circulated Per Month	810,000







### **Solar Panel Mounting for Fountains**



#### **RPS Top-of-Pole Solar Panel Mount Kits**

Mounting Solar Panels has never been easier!

You'll just need to bring the pipe+cement and everything else you need will be in the box. Adjustable tilt bracket allows you to fine-tune panel angle for each season. We use durable parts, all of our bracketing and screws are made of 100% stainless steel and extruded anodized aluminum rails for longer lifetimes. Rated for up to 81 MPH winds.

F200 = <u>2P Top-of-Pole Mount</u> F400 = <u>4P Top-of-Pole Mount</u>

F800 = 8P Top-of-Pole Mount



#### **Scalable Solar Panel Ground Mounting**

An affordable and easy-to-install mounting systems for larger panels and arrays at fixed angles. The Scalable Solar Panel Ground Mounting by RPS is the quickest way to plan for mounting a large array. These Ground Mounts are built using the tried-and-true post & beam substructure, bridged by our popular RPS rails and solar panel fastening hardware - the gold standard with our Top-of-Pole Mounting systems.

For installation, all you need to bring are a few tools, some "2in steel pipe" (2-3/8in OD) and a few bags of cement for the post holes. Note: When sizing for your system, the HR4's are compatible with large 200W-400W solar panels. HR8's are intended for 100W solar panel (<22in in width).

F1600 = VC2-HR8 Scalable Ground Mount

F2200 = VC2-HR4 Scalable Ground Mount

F3000 = VC2-HR4 Scalable Ground Mount







### 5-Star Reviews From Your Neighbors

Across the country, pond owners are transforming their water with RPS Solar Aerators and Fountains. From ranch ponds to community lakes, our customers are seeing clearer water, healthier fish, and reduced algae—all powered by the sun. Here's what they have to say in your region:



"Our cattle pond used to turn bright green by July, and we lost fish almost every summer. We installed an **F1600** and the difference was night and day. The water stays clearer and it runs all day long under the desert sun without costing us a dime in electricity." - Stanley, TX



"Since we got the fountain, we don't get near the mosquitoes we used to. The water's always moving now and it looks real nice too. Makes sitting out by the pond in the evenings a whole lot better." - Karen, GA



"The **F800** has made a big difference in our fish pond. The water's clearer, the fish are more active, and we haven't had any issues with low oxygen since installing it. It's been well worth it."-Mike, KS











### **America's #1 Most Trusted in Pond Care**

#### Friendly, U.S.-Based Customer Service

No call centers, no commissions—just real people who know ponds. Our U.S.-based team gives friendly, knowledgeable support from sizing to troubleshooting, so you're never on your own.

#### Reliable Products Built to Last

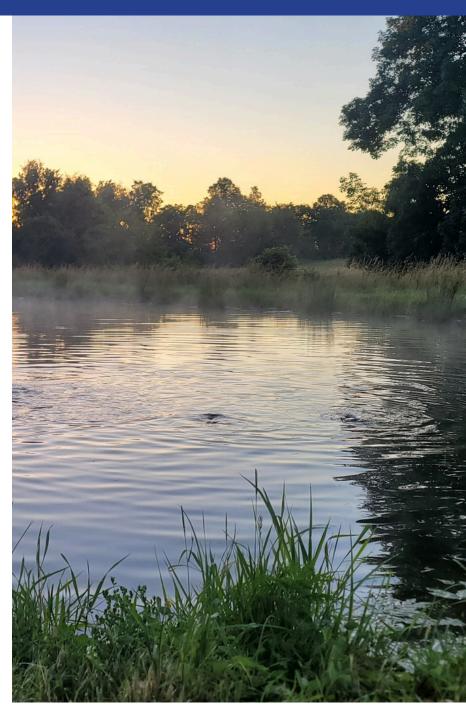
RPS systems are designed for long-term performance with brushless motors, durable parts, and solar technology you can trust. From backyard ponds to large lakes, customers count on RPS for dependable aeration and fountains.

#### Thousands of 5-Star Reviews

Across all 50 states, pond owners choose RPS for clear water, healthy fish, and no power bills. Thousands of 5-star reviews highlight both our products and our customer-first service.

#### **Backed by Warranty & Real Support**

Every system comes with an industry-leading 2-year warranty plus live phone support whenever you need it. With RPS, you're choosing more than equipment—you're choosing a trusted partner.







### **GET YOUR PRODUCT RECOMMENDATION!**

Still not quite sure what you need for your pond?

Take our online sizing quiz and get your FREE product recommendation (5 minute quiz)

### TAKE OUR SIZING QUIZ »

#### **RATHER A FRIENDLY VOICE?**

Give our U.S. Based Pump Specialists a call for a comprehensive look at your system needs and preferences!

### GIVE US A CALL!

888-637-4493 »





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