



SUPERIOR POND



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step by step guide

Superior SFX Fountain Manual

1/3 & 1/2 HP Decorative Floating Fountain Assembly Instructions & Owner's Manual

Thank you for your purchase of our **Superior Pond SFX Fountain!** Please take a moment to familiarize yourself with these instructions and the following safety precautions.



Safety & Warnings

- ⌚ Under NO circumstances should anyone enter the water with the electrical equipment plugged in and/or in operation
- ⌚ **WARNING** - Risk of electric shock - This fountain is supplied with a grounding conductor and grounding-type attachment plug. To reduce the risk of electric shock, be certain that it is connected only to a properly grounded GFCI receptacle.
- ⌚ This fountain is NOT rated for swimming pools or other chlorinated environments. Operating this fountain in chlorinated environments will void all warranties.
- ⌚ **ALWAYS** use a GFCI protected receptacle or breaker When powering equipment at, in or near any water source.
- ⌚ **NEVER** run the unit out of the water. It will damage the seals and create a dangerous situation for the operator. Running the unit out of water will void motor warranty.
- ⌚ **NEVER** lift or drag the fountain by the power cord.
- ⌚ During freezing temperatures, remove the fountain from the pond and store inside.
- ⌚ If installing the fountain from a boat or raft **ALWAYS** wear a USCG-approved personal flotation device.
- ⌚ **ALWAYS** use a qualified electrician to install a power source next to your pond.

System Components

- 1/3 HP OR 1/2 HP Fountain Motor w/ 100ft cord
- 1- Fountain float
- 4 - Custom interchangeable nozzle tips
- 1- Float adapter
- 1- Ballast kit (1/2 HP unit ONLY)
- 2 - 50ft Mooring Lines
- 6 - Waterproof Stickers
- 1- Hardware kit
 - 3 x 1/4"-20, 1" Long Stainless Steel Bolts
 - 2 x 1/4"-20 Thread Size, 1-1/2" Long (ballast kit for 1/2HP fountain)
 - 2 x 1/4"-20 Nylock Flange Nut
 - 1 x 3/8in Wrench
 - 1 x 7/16in Wrench

Prior to installing your Superior Pond Decorative Fountain:

- Ensure you have 115V GFCI power close to your pond's edge. If you do not, we recommend using a licensed electrician to properly run power down to the pond.
- Choose Your Spray Pattern:
 - Bulrush - Frothy Geyser
 - Pond Lily - Balanced 3-Tier
 - Iris - 3-tier pattern with Geyser Center
 - Pickerel - Wide Umbrella
- To change a pattern, simply unscrew the nozzle and thread on your desired pattern. **HAND TIGHTEN ONLY**

Assembling the Unit:

- Lay the float flat on the ground with the Superior Pond logo facing up.
- Place the Float Adapter assembly into the center of the float. Attach with provided 3 x 1/4"-20, 1" Long Stainless Steel Bolts.
- For 1/2 HP Fountain ONLY - Attach the ballast kit base to the fountain motor base using the 2 provided 1/4"-20 Thread Size, 1-1/2" bolts and 2 x 1/4"-20 Nylock Flange Nuts.
- Attach the ballast ball to the ballast base using 1 x 1/4"-20, 1" Long Stainless Steel Bolt. The ballast float should be positioned on top of the ballast base.
- Thread the fountain float and adapter onto the fountain motor snugly.
- Use the included Filterlok stickers for added security between the intake filter and pump if desired, one on each of the two sides should be plenty. (4 more included in the event that you need to replace them after removing the filter for cleaning) Then wrap the pump sock around the entire pump (Ballast included for 1/2HP) and cinch tight.
- Attach the mooring lines to 2 (or 3) of the holes in the fountain float as befits the conditions at your pond.

Installation & Anchoring

- ② Carefully place the assembled fountain into your pond.
- ② Using the mooring lines, pull the fountain into the desired position.
- ② Using anchors of your choosing (We recommend 8" concrete blocks *not included*), secure the fountain at two points to ensure the best possible stability for your fountain. You may also choose to moor your fountain shore-to-shore using the provided lines or lengthening them to suit your pond's dimensions.
- ② Plug in the fountain to a GFCI-protected outlet and enjoy!
 - Fountain may be used with a timer or switch (**not included**).

Maintenance & Storage

Maintenance

- ② Disconnect ALL power from the fountain and lights before attempting any maintenance.
- ② Periodically clean fountain intake screen of debris, algae, and/or aquatic weeds.

Winter Removal & Storage: The Superior Pond SFX Fountain is NOT rated for use below 32° F.

- ② Remove the fountain from the pond before ice begins to form.
- ② Clean any debris from the unit before storing.
- ② Store indoors – heated storage is recommended.

Spring Installation Inspection

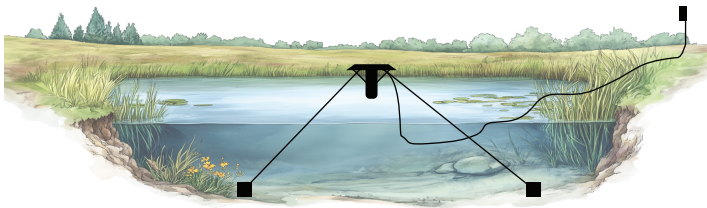
- ② Before re-installing the fountain in the spring, check the fastener tightness along with the condition of all components.

Troubleshooting

Issue	Correction
GFCI tripped	Check for damaged power cables. Reset GFCI
Cut / damaged power cord	Repair cord / Replace power unit
Poor-quality fountain streams	<ul style="list-style-type: none"> • Clean intake screen(s), clean nozzle tip, • Remove debris from the intake adapter
The fountain is leaning to one side / running intermittently	Not enough water in the basin – too shallow Add water to maintain at least 17in of water depth.
The fountain not running / humming or rattling	<ul style="list-style-type: none"> • Debris in motor – disassemble, remove debris, clean and re-assemble • Bad impeller – replace impeller
The fountain starts and stops	Plugged intake or nozzle tip

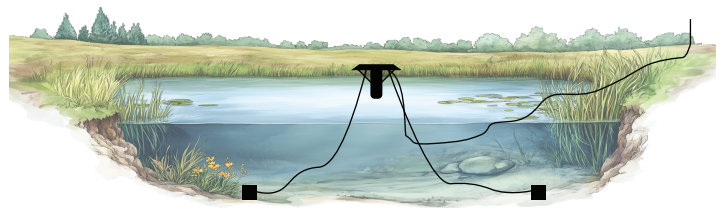
Correct Anchoring

Mooring lines are proper length and taut between unit and anchors (at least 3 feet from the float for every foot of water depth).

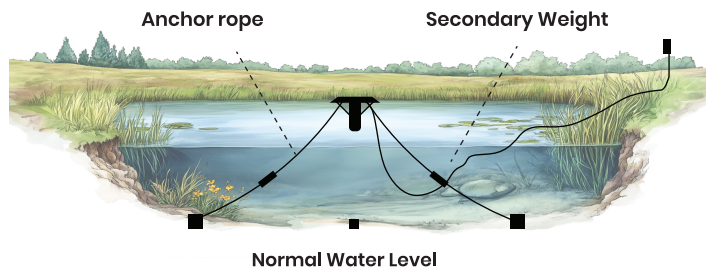


Incorrect Anchoring

Mooring lines are too short or loose between unit and anchors.



Alternate Installation



Product Engineering by Professional Biologist