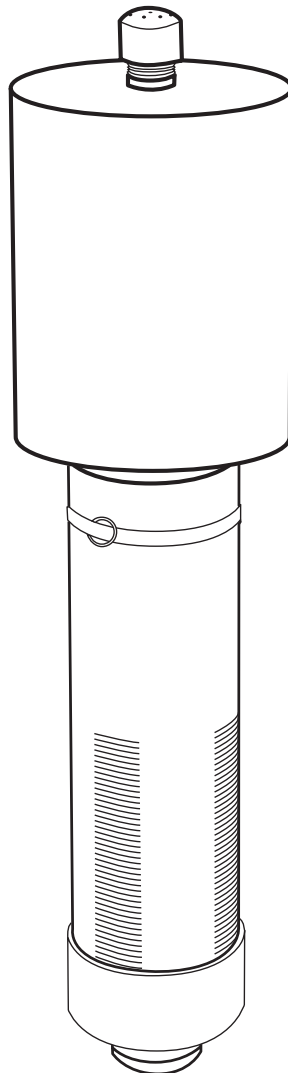


# POND FOUNTAIN PUMP

## Pump Installation and Service Manual

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**WARNING! IMPORTANT SAFETY INSTRUCTIONS!**  
**READ CAREFULLY BEFORE INSTALLATION.**  
**FAILURE TO FOLLOW THESE INSTRUCTIONS AND COMPLY WITH ALL CODES MAY CAUSE SERIOUS BODILY INJURY AND/OR PROPERTY DAMAGE.**

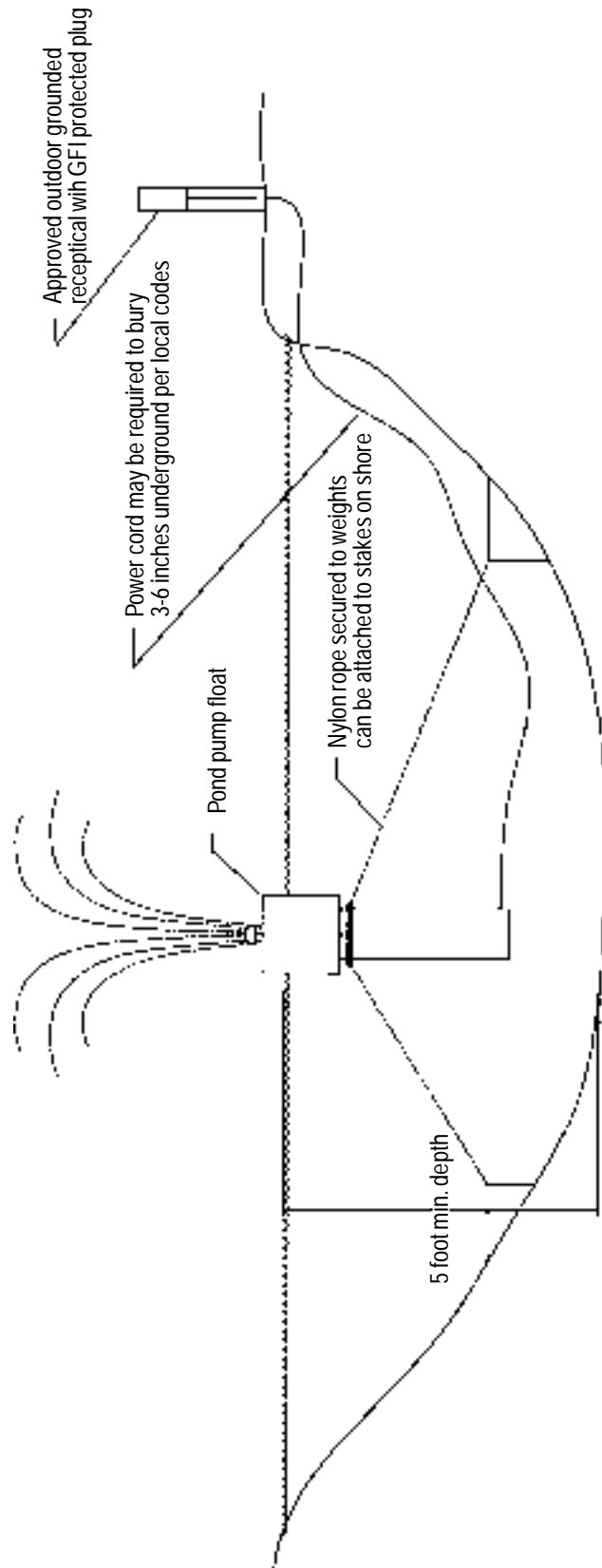
- 1) Before installing or servicing your pump, **BE CERTAIN THE ELECTRIC POWER SOURCE IS TURNED OFF AND DISCONNECTED.** Never enter the water or allow anyone to enter the water, either swimming, wading, or in a boat, with the pump power on, this **MAY RESULT IN SEVERE ELECTRICAL SHOCK.**
- 2) All installation and electrical wiring must adhere to state and local codes. Check with appropriate community agencies, or contact your local electrical and pump inspectors for help. A licensed electrician should perform installation.
- 3) **“NO SWIMMING” AND OR WARNING SIGNS SHOULD BE POSTED PER STATE AND LOCAL CODES.**  
Please affix included warning label to junction box or power receptacle on shore.
- 4) Do not connect the control box and pump to a power supply, until the control box and pump are properly grounded. **CAUTION: FAILURE TO GROUND THIS UNIT PROPERLY WITH GROUND FAULT PROTECTION MAY RESULT IN SEVERE ELECTRICAL SHOCK.** This pump is provided with a ground fault circuit protector. This must be installed with the unit (see installation instructions).
- 5) **WARNING:** Reduce risk of electric shock during operation of this pump, requires the provision of acceptable grounding by connecting a copper conductor, at least the size of the circuit conductors supplying the pump, to the ground screw provided within the wiring compartment of the power supply and to all metal junction boxes.
- 6) The voltage, frequency, and phase of the power supply must match the voltage, frequency, and phase of the pump motor.
- 7) This pump is provided with a 100 foot power cord and GFI protection, do not attempt any underwater splices or replacement of the cord, this will negate the safety listings, void all warranties, and could result in an unsafe and hazardous installation.
- 8) Do not work on the pump with the power on.
- 9) Never install this pump with frayed or brittle power cord, and always protect the cord from sharp objects, hot surfaces, oils and chemicals. Avoid kinking the cord.
- 10) Never service this pump with wet hands or while standing in or near water. Use tools with insulated handles.
- 11) To prevent damage to the cord, use approved, appropriate, cord connectors to run the cords through the control box. This pump motor is equipped with automatic resetting thermal protectors. The motor may restart unexpectedly, causing the leads to energize or pump to turn.
- 12) Check for nicks in the wire by using an ohm meter to check for resistance to ground. This can be done after installation but before the power is connected. If in doubt on the proper procedure, check with a qualified licensed electrician.
- 13) Do not pump gasoline, chemicals, corrosives, flammable liquids, or any substance other than water; they could ignite, explode, or damage the pump, causing injury and voiding the warranty.
- 14) Do not run this pump with the discharge completely blocked. This will create superheated water, which could cause injury, damage the seal, melt the plastic pipe fittings and shorten the life of the motor. This superheated water could cause severe burns. This pump is capable of building pressures in excess of 100 PSI.
- 15) Do not pump water above 120 degrees Fahrenheit.
- 16) The junction box should be mounted in an area that will not flood or be submerged with water. After installation and service, always make sure to secure the junction box lid with the screws provided.
- 17) Modifying or altering this product may result in severe injury or death!

# INSTALLATION INSTRUCTIONS

- 1) This pond pump should only be installed in ponds where no swimming, wading, or boating is allowed. **WHEN FISHING THE PUMP SHOULD BE TURNED OFF.**
- 2) Appropriate signs should be posted per local and state codes. **The pump should be installed in ponds that are at least 5 feet deep to prevent clogging of the inlet screen.**
- 3) After removing the pump, screen, and float assembly from the box, ensure that the unit is undamaged and the hose clamp is tight around the bottom of the float. Choose the spray pattern that you like and screw the appropriate cap to the top of the float. This only needs to be hand tight (no wrench is necessary).
- 4) Locate the two anchor rings attached to the clamps. Attach a nylon cord or rope (not provided) to each ring. The anchor ropes can be used to position the pond pump in the middle of the pond or they can be used to anchor the pump to the pond floor with weights. In either case it is necessary to secure the pond pump so that it does not float around or spin.
- 5) If you plan to secure the pond pump with two anchor ropes secured to the pond bank, then one rope or cord can be walked around to the other side of the pond and the pump and float can be pulled to the center of the pond using the second rope or cord to guide the float. Both ropes should be staked and secured to hold the pump in place, be sure the rope or cord is tight and does not let the pond pump float or twist. If you plan on using two weights to anchor the pump in place be sure that they are placed 10-15 feet apart to insure that the float does not twist.
- 6) If no power is near the pond then the power lines should be trenched to the pond. Check with local and state codes to insure that you are using proper procedures. We recommend conduit, but there are direct burial cables where codes permit. **CHECK WITH LOCAL UTILITY COMPANIES TO LOCATE EXISTING LINES BEFORE DIGGING OR INSTALLING A MOUNTING STAKE TO PREVENT PERSONAL INJURY AND/OR DAMAGING EXISTING LINES.**
- 7) A stake or pole (not provided) can be driven in the ground near the pond, preferably on high ground to mount an outdoor weatherproof receptacle (not provided). Make sure the ground fault circuit interrupter is protected from the weather. **DO NOT USE AN EXTENSION CORD.** This should be mounted high enough so that it will not flood. If there is a building near by it can be mounted on the side of the building. **DO NOT INSTALL THE UNIT WITHOUT AN APPROVED GROUND FAULT CIRCUIT INTERRUPTER (GFI).**
- 8) Some local codes may require conduiting from the bank to the receptacle. The ground fault circuit plug can be removed and conduit (not provided) may be installed over the cord. Make sure the plug is installed the same way it was removed. The green wire to G (ground), the white to N (neutral), and the black to L (load). A trench 3" to 6" deep can be dug from the bank to the receptacle to bury the conduit. This step may also be required if muskrats are nearby.
- 9) Before connecting the pump to the receptacle, check the installed pump to insure there is no leakage to ground. This can be done by using an ohm meter and setting the scale to its highest setting. Attach one lead of the ohm meter to the pump power cord ground (round prong) and one of the flat prongs. It should read infinite or at least 2 mega ohms. Repeat with the other prong. If in doubt on the proper procedure, contact a qualified licensed electrician.
- 10) After installing the pump, connecting up the power, and checking the ground, the power can be turned on. Check the operation of the GFI by pushing the "test" button. The unit should stop. Pushing the "reset" button can reset it. If the unit does not stop by pushing the "test" button have this checked out by a qualified licensed electrician.

# TYPICAL INSTALLATION

(Signs should be posted NO SWIMMING!)



# TROUBLESHOOTING GUIDE

Problem	Possible Causes
Unit won't pump	<ol style="list-style-type: none"> <li>1. Circuit breaker tripped, reset.</li> <li>2. GFI (ground fault interrupter) protector tripped, reset.</li> </ol>
GFI trips	<ol style="list-style-type: none"> <li>1. Electrical storms will trip (GFI), reset.</li> <li>2. Short in system. Disconnect power and check cord. See instructions, if unable to find short contact an electrician.</li> </ol>
Unit Spins	<ol style="list-style-type: none"> <li>1. Check anchor ropes to insure it is secure.</li> </ol>
Unit won't spray	<ol style="list-style-type: none"> <li>1. Unit plugged, disconnect power, flush screen and nozzle with hose. After it is unplugged, check the depth of the pond. The unit may be in too shallow of section, move to a deeper section. Pond must be 5 feet deep.</li> </ol>

## WARRANTY

MYERS, will repair or replace for the original user any portion of your new MYERS product which proves defective due to defective materials, or workmanship of MYERS. Contact the nearest authorized MYERS dealer for warranty service. MYERS shall possess the sole right to determine whether to repair or replace defective equipment, parts or components. THIS WARRANTY DOES NOT COVER DAMAGE DUE TO LIGHTNING OR OTHER CONDITIONS BEYOND THE CONTROL OF MYERS.

**PUMPS:** 12 months from date of purchase or 18 months from date of manufacture. Receipt and product date code required for warranty claim.

**LABOR, ETC. COSTS:** MYERS shall IN NO EVENT be responsible or liable for the cost of field labor or other charges incurred by any customer in removing and/or reaffixing any MYERS product, part or component thereof.

**THIS WARRANTY WILL NOT APPLY:** (a) to defects or malfunctions resulting from failure to properly install, operate or maintain the unit in accordance with printed instructions provided; (b) to failures resulting from abuse, accident, or negligence; (c) to normal maintenance services; (d) to units which are not installed in accordance with applicable local codes, ordinances and good trade practices; (e) if the unit is moved from its original installation location; (f) if unit is used for purposes other than for what it was designed and manufactured; (g) to products that have been modified.

**PRODUCT IMPROVEMENTS:** MYERS reserves the right to change or improve its products or any component without obligation to provide such a change or improvement for units sold and/or shipped prior to such change or improvement.

**WARRANTY EXCLUSIONS:** MYERS SPECIFICALLY DISCLAIMS THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AFTER THE TERMINATION OF THE WARRANTY PERIOD SET FORTH HEREIN.

Some states do not permit some or all of the above warranty limitations and, therefore, such limitations may not apply to you. No warranties or representations at any time made by any representatives of MYERS shall vary or expand the provision hereof.

**LIABILITY LIMITATION:** IN NO EVENT SHALL MYERS BE LIABLE OR RESPONSIBLE FOR CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES RESULTING FROM OR RELATED IN ANY MANNER TO ANY MYERS PRODUCT OR PARTS THEREOF. PERSONAL INJURY AND/OR PROPERTY DAMAGE MAY RESULT FROM IMPROPER INSTALLATION. MYERS DISCLAIMS ALL LIABILITY, INCLUDING LIABILITY UNDER THIS WARRANTY, FOR IMPROPER INSTALLATION — MYERS RECOMMENDS FOLLOWING THE INSTRUCTIONS IN THE INSTALLATION MANUAL. WHEN IN DOUBT, CONSULT A PROFESSIONAL.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

In the absence of suitable proof of the purchase date, the effective date of this warranty will be based upon the date of manufacture.

Direct all Notices, etc. To: Service Department, MYERS, 1101 Myers Parkway, Ashland, Ohio 44805