

Desert Rain™

FLOATING  FOUNTAINS

Direct Line Fountain Installation Guide



AQUATIC
ECO-SYSTEMS, INC.
Since 1978

Introduction

The Desert Rain™ Direct Line Fountain uses a connection to an existing water line/pump that feeds the lake. It is designed to route the incoming water to the lake through a flexible hose to the floating fountain.

Benefits and Applications

- Helps to circulate shallow lakes.
- No additional pump or controls to purchase.
- No electrical cable in the water for fountain display.
- Easy installation.
- Recommended for fishing lakes.
- Adds beauty to your environment.

Components List

- 100' of 1/4" nylon anchor rope
- Two half circle floats
- Two top joiner plates
- One crossbar nozzle holder with riser nipple
- Sixteen 3/8" x 1/4" stainless steel hex head bolts
- Sixteen 3/8" stainless steel flat washers
- Sixteen 3/8" stainless steel lock washers
- One 2" PVC female adaptor fitting
- Two 2" hose adaptor fittings
- Two stainless steel hose clamps
- 100' roll of 2" MIL spec hose
- One solid brass display nozzle
- One PVC gate valve

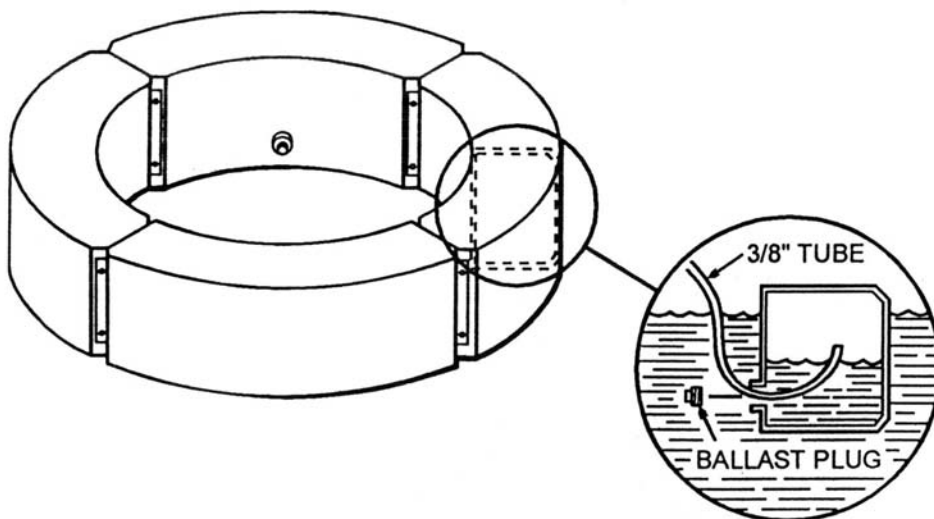
Optional: Light kit.

Caution: Sheet metal parts may have sharp edges. Use care when handling.

The following instructions will guide you step by step through the assembly and installation of the fountain.

1. Assemble the flotation device by bolting the float halves together using the bolts, washers and stainless steel top joiner plates provided. The topside of the floats has "Desert Rain™" embossed on them.
2. Flip the float assembly over and install the nozzle-holding crossbar with the male threaded riser nipple facing the topside of the floats and the 2" female threaded fitting facing the bottom. The PVC fitting mounted on the crossbar will swivel to allow for hose movement. Do not install the brass nozzle until step VI.
3. Thread a hose barb fitting into the 2" PVC female adaptor fitting and tighten. Slide a hose clamp over one end of the hose, slip the hose onto the barb fitting, position the clamp over the barb area and tighten the clamp.
4. Attach the other end of the hose in the same way to your pump's 2" PVC supply piping. Optional: Install the PVC gate valve in-line to the fountain supply.
5. Place the float assembly without the nozzle installed in the water at the desired location but do not anchor in place yet. The fire hose will float until the pump is turned on for the first time. Now run the pump and allow the hose to fill with water and the line to be flushed. It will sink to the bottom, causing the float to move as the hose pressurizes and straightens out.
6. Turn off the pump and fit the brass nozzle to the threaded riser nipple.
7. Cut two nylon ropes to anchor the fountain. Use 3 feet of rope for each foot of water. Attach one end of the ropes to the nozzle crossbar and the other ends to cinderblocks. With the fountain at its permanent location, toss the blocks out at an angle into the water on each side of the fountain to hold the fountain at the desired location.

Congratulations! You've successfully installed a new Desert Rain™ Direct Line Fountain! Now stand back and admire your work.



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