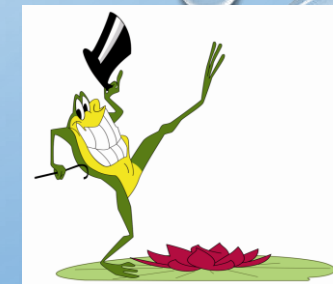


# LEAK FLOW DETECTION

BY  
AQUATIC DESIGN  
AND SUPPLIES, INC.

445 N Chestnut (S.R. 39)  
Monrovia, IN 46157  
317.996.3106  
Www.AquaticDesign.Net



Fill up the pond to a normal water level and turn off the pump. Wait 24 hours.

The leak is somewhere in the pond.

YES

Did the water still drop?

NO

The leak is in the biofilter, water-fall liner, or tubing.

The leak is somewhere around the edge of the pond. More than likely, the liner has sagged.

YES

Closely monitor the water level. Does it stop before the bottom of the faceplate?

NO

The leak is either the faceplate or deeper in the pond.

The leak is in the biofilter or tubing.

YES

Plug the tubing from the pump and fill up the biofall. Did the water still drop?

NO

The leak is in the waterfall.

Pull the liner back up to where it should be, and use dirt or rocks to hold the liner up.

YES

Turn on the pump. Walk around the falls and see if you can see water; you may have to move rocks. Did you see water?

NO

Unfortunately, it seems a critter has eaten through your liner, and the waterfall liner needs to be replaced.

Fix the bulkhead or replace the biofilter.

YES

Dig up the biofilter until you see the bulkhead. Do you see any water?

NO

The leak is in the tubing. Dig up the tubing and replace a section or all of the tubing.

The leak is in the faceplate. The faceplate needs to be resealed with silicone and new screws.

YES

Keep monitoring the water level. Does it stop right below the faceplate?

NO

The leak is somewhere on the bottom of the pond.

Keep letting the water flow down, but not enough to endanger the fish. Look for a hole in the liner. Some holes may be patched, or you may need a new liner.