



# PondKeeper

## System Instructions

### *Congratulations*

#### on your new PondKeeper System

Your filter system was designed to go together easily even for a novice. Each of the components was carefully chosen to provide you with years of dependable service and clear water for you and your pond.

Take a few minutes to look at this manual and familiarize yourself with each of the components and what part they play in the PLUS system.

Due to the custom nature of these systems your components may differ slightly from the various components shown, but assembly of the system is basically the same.

You have with this system the following components:

**PondKeeper** bio-mechanical filter

Dynamo 2 speed Water pump (can be one of a variety)

**ZapTek2** Ultraviolet light

Plumbing parts

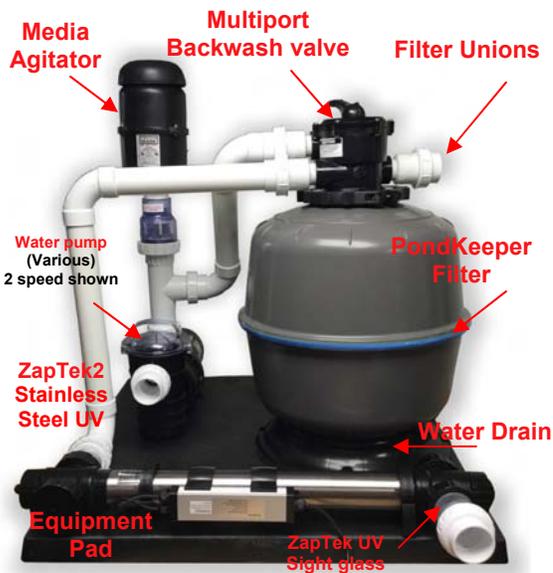
Media Agitator

Equipment pad



### Getting to know your PondKeeper System

Taking a few minutes to get to know the different components of your PondKeeper System will assure that you are using it to its maximum potential.



### Assembly of your PondKeeper System



Step 1: Start by laying the Pad on level ground where you want to locate the equipment.

Note: Locating the equipment as close as possible or below the surface grade (water level) of the pond will result in best results. Distance from the pond is not as critical as the distance above the surface grade.

**(over)**

If you need any help  
feel free to give us a  
call 866.712.7007

## PondKeeper System Assembly



Step 2 : Set the filter, pump and UV on the pad as shown. Place media Agitator on Check valve. Do not glue Agitator to pipe. Use a set screw through the pipe and agitator throat if needed to hold it. Connect like number to like number by tightening the unions together by hand.

## PondKeeper System Assembly



Step 3: Attach the ZapTek UV to the filter outlet as shown. Attach pipe to pump and inlet of filter. Hand tighten only the unions. Make sure the gaskets are in the unions at the connections.

## PondKeeper System Assembly



Step 4: Your system should now look like this. Now it's time to hook the system up to your pipe work of your pond. For maximum flow 2" pipe is recommended.

1. Hook up pump inlet to receive water coming from the pond. We recommend a swing check valve on this line, preferably below surface grade. Just glue the line into the union on the front of the pump using pvc glue and cleaner or primer.
2. Run the "Return" pipe back to the pond, such as a waterfall.
3. Hook up your "Waste" line to direct the dirty water on backwash out to waste.

Pump control speed switch is located on the back of the pump. It has 2 speeds (low and high) and OFF setting. OFF is the middle setting.



## PondKeeper Backwash and Winterizing Instructions



Backwash the filter at least once per week to keep the filter in top running condition. Do not allow filter to run for extended periods of time before doing a backwash or it will be harder to clean the filter resulting in less than perfect water quality.

1. Turn pump off. Turn UV off, if equipped. Open Slide Valve (pull outward) Move handle to "Backwash". Turn Agitator on using bursts of 20 seconds on / 5 seconds off and repeat a few times until media is completely broken apart. Turn Agitator off. Close Slide Valve (Push inward) Turn pump on "HIGH" and run until water is clear in sight glass. Turn pump off.
2. Move handle to "Rinse". Turn pump on "HIGH" and run until water is clear in sight glass. Turn pump off.
3. Move handle to "Filter" and Turn pump on. Turn UV on, if equipped. Never run UV without pump being on.

Other settings on your dial are the following:  
**Waste:** Bypasses the filter and sends water to waste.  
**Recirculate:** Bypasses the filter and sends water back to the pond.  
**Closed:** keeps water from going through filter.

## Winterizing

Drain water from the filter and pump to make sure system does not freeze and bust. Freezing is not covered by your warranty.