

# Springdale

Water Gardens



*After installation, enjoy a cool beverage by your new water feature . . .*

***Pond Installation Equipment 2010***

*Orders (800) 420-5459 • Information 540-337-4507*





## **Small All-in-One Pond Kit**

Create up to a 10' X 10' X 18" deep pond with this kit!

Kit Includes:

- 45 mil FrogSkin Liner—15' X 15'
- Protection Mat—15' X 15'
- Savio WMS 2050 pump
- Savio Compact Skimmer 8.5" weir
- Savio Livingponds Filter 070
- 25' 1½" PVC Flex tubing
- Fittings, connections, and glue
- Easy pump removal assembly
- Black Waterfall Foam
- Complete Instructions

**\$1145.00**

## **Medium All-in-One Pond Kit**

Create up to a 10' X 15' X 18" deep pond with this kit, which includes:

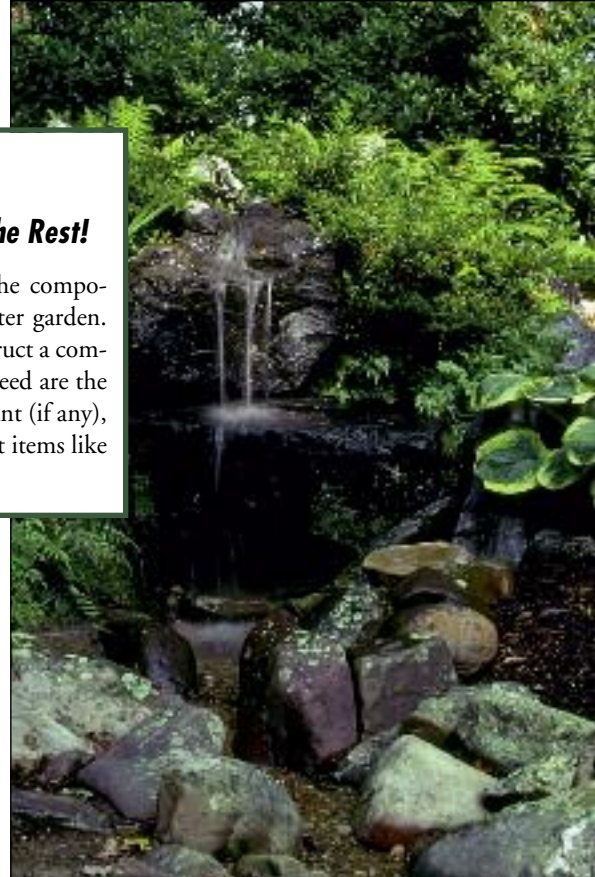
- 45 mil FrogSkin Liner—15' X 20'
- Protection Mat—15' X 20'
- Savio WMS 3600 pump
- Savio SkimmerFilter - 8.5" weir
- Savio Livingponds Waterfall Filter
- Waterfall Filter Drain Assembly
- 25' 1½" PVC Flex Hose
- Fittings, connections and glue
- Easy pump removal assembly
- Black Waterfall Foam
- Complete Instructions

**\$1725.00**

## *All-In-One Pond Kits*

**You Supply the Hole! We'll Supply the Rest!**

The perfect solution to choosing all the components you need for building your own water garden. Kit includes all of the parts needed to construct a complete pond system. The only extras you'll need are the liner to make the length of waterfall you want (if any), and the plants, fish, scavengers, and support items like fertilizer and fish food.



## **Large All-in-One Pond Kit**

Create up to a 15' X 20' X 18" deep pond with this kit!

Kit Includes:

- 45 mil FrogSkin Liner—20' X 25'
- Protection Mat—15' X 35'
- Savio Pump—WMS5000
- Savio SkimmerFilter—16" weir
- Savio Livingponds Waterfall Filter
- Waterfall Filter Drain Assembly
- 25' 1½" Flex PVC Hose
- Fittings, connections and glue
- Easy pump removal assembly
- Black Waterfall Foam
- Complete Instructions

**\$2100.00**

***We make it easy!***

***All-in-one pond kits ship via truck. Actual freight charges are incurred.***

*Shop online at [www.springdalewatergardens.com](http://www.springdalewatergardens.com) • (800) 420-5459 E3*

# How to Build a Pond

1. This is what the hole might look like in your backyard. Notice the vertical sides and the shelves around the top. Those shelves are where you will stack the stone around the pond that are partially submerged. The left of the photo shows where the hill has been dug out for a waterfall. The skimmer is already in place at the far end of the pond.



2. When the skimmer is installed into the side of the pond, at shelf level, exact level and placement is important, follow manufacturer's instructions.



3. The fabric underlayment is in place and the pond liner is unrolled into place. It is safe to walk on the liner while it is being installed.



4. Install the skimmer according to manufacturer's suggestions.

5. Fill the pond with water. Pull wrinkles and folds out as the pond fills to smooth the liner. The weight of the water holds the folds flat on the sides and shelf. The water is about two to four inches deep on the shelf; this is



where rocks will be placed. The skimmer is submerged so that the opening is mostly covered with water.

6. Begin placing rock around the edge of the pond on the "stone shelf". Using different sizes and shapes, from boulders to gravel, you can disguise the liner in and around the pond. Be careful of sharp stones and add padding under large rocks if needed.



7. While the pond is filling with water, construct edge planting areas of any size and depth by building planters out of stones large enough to form a barrier to hold back soil.



To prevent soil from silting into the water, line the space between the rocks with protection matting or other porous material, like gravel. Add topsoil to the planter and continue filling the pond with water.

8. After the planting zone has water over it, plant with aquatic plants.



9. Careful placement of stone work even hides the skimmer. The flat rock serves as the lid for the skimmer helping to hide it further.





10. Complete the project by adding a waterfall for natural filtration and a symphony of sound.



11. The completed pond is now ready for landscaping and stocking with plants. Add fish four weeks after stocking with plants. Make sure landscape plants do not block the view of the water garden.

*See our Free Pond Building Seminar Schedule on the back cover or visit our website [www.springdalewatergardens.com](http://www.springdalewatergardens.com)*

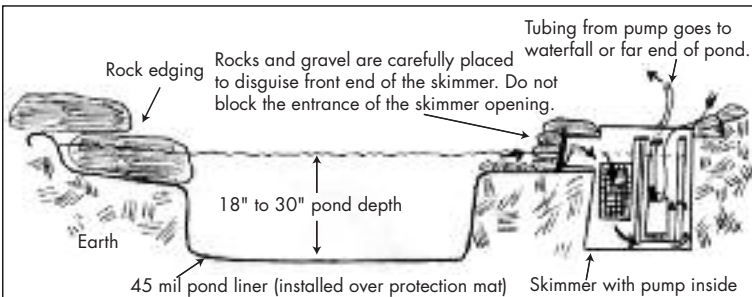


To choose the correct pond liner size, make sure your measurements are accurate. When possible, dig the hole first and then measure for the liner. Measure each contour of the hole, including bottom, both sides, stone shelves and planting zones. You'll want extra material for extending the liner beyond the hole. We recommend a foot of extra liner for both sides to allow for wrinkles, folds and irregularities. If you buy the liner before digging, excavate carefully to make the hole fit the liner.

Measure the liner as follows:

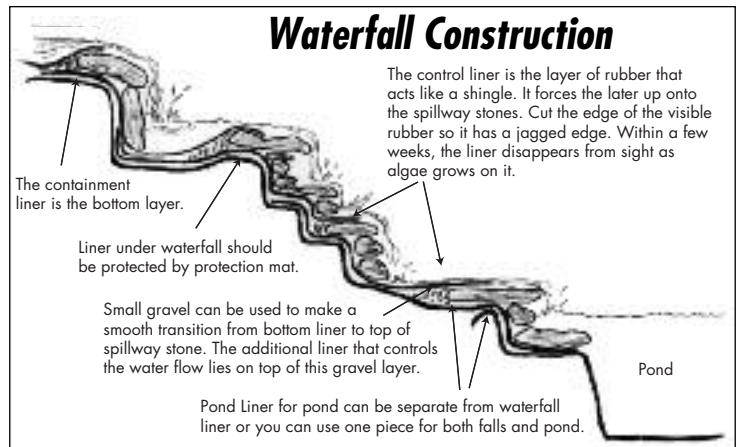
**Maximum length in feet + Maximum Depth in feet + Maximum Depth in feet + 2 feet extra = Minimum Length**  
**Maximum width in feet + Maximum Depth in feet + Maximum Depth in feet + 2 feet extra = Minimum Width**

Allowing for extra liner avoids shortages from miscalculations, last-minute changes in shape and size, or other unforeseen circumstances. PLEASE CALL US if you want help selecting the liner size. **Custom cut liner is not returnable.**



### **Rubber Liner Pond Installation Suggestion**

**These techniques are demonstrated during our free Pond Building Seminar!**





# FrogSkin® Rubber Liners

45 mil EPDM • Lifetime Warranty

## Pre-Cut Liners

Due to the weight of these liners and the low price offered, shipping charges will be added to all liners not picked up at the nursery.

8' x 10' (max. pond size 3 x 5) **\$56.00**

10' x 10' (max. pond size 5 x 5) **\$70.00**

10' x 15' (max. pond size 5 x 10) **\$105.00**

15' x 15' (max. pond size 10 x 10) **\$157.50**

15' x 20' (max. pond size 10 x 15) **\$210.00**

## Custom Cut

We can cut from our rolls a liner to suit your specific needs. We keep in stock liners in widths of : 5', 10', 15', 20', and 30'. We will cut from these rolls any length in 1 foot increments, up to 100' long.

**\$0.70/sq ft**

**Less than roll liners up to 199 sq ft add \$0.13/sq ft for shipping**

**Less than roll liners over 199 sq ft add \$0.23/sq ft for shipping**

**Liners usually ship the next day.**

## Protection Mat

Durable, non-woven fabric is ideal for use as a protective layer under the pond liner. Protection from sticks, rocks and other abrasive materials is accomplished in one easy step with this light-weight and simple to install cloth. Don't lug sand around anymore! This installs in a jiffy! Easy to trim material can be cut with a sharp pair of scissors or with a utility knife. Besides great puncture protection, our Protection Mat provides enhanced soil stability and erosion control benefits. We will cut any length off of the roll in 1' increments.

5' wide per linear ft **\$1.45**

15' wide per linear ft **\$3.95**



## Pond Repair Kit

Peel and Stick Patches 6" x 6" for EPDM-II, HDPE, Butyl, PVC and more, all in a single kit.

**\$12.95**



## QuickSeam Tape Kit

Everything needed to seam liner together in one kit  
25 ft of 3" tape • Seam prep solution  
Scrubber pads and seam roller • Instructions

**\$79.95**



### 3" Seam Tape

Double sided per foot **\$2.95**  
per 100 foot roll **\$85.00**

### 6" Cover Strip

Single sided per foot **\$4.95**  
25' roll **\$80.95**

**Waterfall Foam** 12 oz. **14.95**

## Rolls

We can drop ship to your door complete rolls of 45 mil fish grade liner. Most liner orders ship within 3 days.

**Roll Pricing \$0.60/sq. ft.**

Width	Length	
	50'	100'
5'	\$150.00	\$300.00
10'	\$300.00	\$600.00
15'	\$450.00	\$900.00
20'	\$600.00	\$1200.00
25'	\$750.50	\$1500.00
30'	\$900.00	\$1800.00
40'*	\$1200.00	\$2400.00
50'*	\$1500.00	\$3000.00

Other size rolls are available. Please inquire about your specific needs. Maximum factory width is 50 feet; all others must be field seamed.

**FREIGHT CHARGES ON ROLLS ARE ACTUAL FREIGHT. MINIMUM \$150.00 FREIGHT.**

\*Drop shipped from factory only.



## HERCO Fish Pond Coating

Neoprene Rubber Coating is an excellent finish to cover cement blocks to be used in the pond, stop leaks in concrete waterfalls, or cover concrete or block or other masonry type ponds. One coat of Primer and three coats of liquid rubber are recommended for complete sealing of surfaces. Water may be added as early as 24 hours after the last coat has dried. Fish can be added 72 hours later. (We still recommend that a normal pond establishment period pass after stocking with plants before putting in fish) Each gallon of coating covers approximately 80 to 100 square feet for the three coats needed.

**Primer** is used to prepare the surface to ensure a firm bond. Always recommended. Soap and water clean-up. Covers 80 to 100+ sq. ft per gallon.

**Thinner-Cleaner** is used to keep liquid rubber workable and brushes clean. Needed for Black Rubber only. Use 1 pint per gallon.

	Gallon	Quart
Herco No. P-SC Primer	\$98.00	\$36.95
Herco No TC-700 Thinner-Cleaner	\$91.00	\$31.95
Herco No 55 Coating—Black	\$185.00	\$71.95
Herco No 55 Coating—Clear	\$205.00	\$76.95
Herco Caulk—Crack filler, clear	12 oz. tube	\$35.95



ASL



K



LL



P



B



CSL



BWS



DWS



F2NS

F2WS



NWS

Custom Ponds Available

# Fiberglass Ponds

The perfect solution for a raised pond installation

Other Sizes Available See our Website

BEST AVAILABLE ANYWHERE! These fiberglass ponds have a smooth black inner surface that looks deeper. The strongest, most rigid pond available (1/4" thick fiberglass). They will support rocks without bending and will support their own weight filled with water above ground without bending. Most are deep enough to overwinter fish. LIFETIME WARRANTY. Larger sizes are available; all sizes are approximate.

### ASL w/stone ledge 9'4" x 5'2" x 17.5" deep.

225 gallons. \$575.00

### B 5'11" x 3'9" x 14.5" deep. 125 gallons. \$405.00

### CSL w/stone ledge 5'6" x 4'1" x 15" deep. 75 gallons. \$345.00

### K 8'8" x 4'6" x 16" deep. 210 gallons. \$695.00

### LL 8'9" x 4'9" x 21" deep. 210 gallons. \$905.00

### P 8'11" x 7'3" x 17" deep. 450 gallons. \$975.00

### S 7'11" x 4'1" x 17" deep. 240 gallons. 5 plant shelves. \$645.00

### T 6'7" x 4'7" x 18" deep. 180 gallons. 2 plant shelves. \$420.00

### V 8'6" x 5'9" x 20" deep. 425 gallons. 2 plant shelves. \$960.00

### Z 6'8" x 12'9" x 16" deep. 550 gallons. \$1235.00

### ZW 12'6" x 7'8" x 16" deep. 750 gallons. \$1630.00

### Round Ponds:

G4.5 4'6" diameter x 11.5" deep. 105 gallons. \$315.00

GG4.5 4'6" diameter x 18" deep. 172 gallons. \$395.00

G6 6' diameter x 14" deep. 211 gallons. \$595.00

G7.5 7'6" diameter x 16" deep. 450 gallons. \$940.00

### Rectangular Ponds:

O 4'8" x 2'7" x 14.5" deep. 120 gallons. \$365.00

O2 5'9" x 2'9" x 20" deep. 200 gallons. \$565.00

O3 6' x 3' x 26" deep. 300 gallons. \$775.00

O4 7'11" x 5' x 20" deep. 500 gallons. \$955.00

O5 11'8" x 5'7" x 20" deep. 800 gallons. \$1665.00

W 2'8" x 2'8" x 15" deep. 800 gallons. \$225.00



S



T



V



Z



ZW



G 7.5

G6

G4.5

GG4.5



O3

O4

O5

O2

W

## Fiberglass Spillway Ponds

BWS 5'11" x 3'9" x 14.5" with 10" spillway 125 gallons. \$465.00

DWS 3'8" x 2'8" x 11" with 9.5" spillway 62 gallons. \$260.00

F2WS 2' dia x 16" deep w/10" spillway \$200.00

F2NS 2' dia x 16" deep w/4.5" spillway \$200.00

NWS 4'4" x 3'6" x 12.5" deep with 10" spillway. 65 gallons. \$290.00

### Mail Order Customers:

**Packing Information**—Crating charges apply to all ponds shipped. Add \$15 to pack Pond F, \$25 to pack medium sized pond and \$55 for large ponds.

**Shipping Information**—Most ponds are available at the nursery. All ponds are shipped by motor freight from the Virginia factory. Actual freight charges are invoiced. **Minimum cost is \$100 and average cost is \$150-\$250 east of the Mississippi.** Customers within our service area can have in-stock ponds delivered from our store for a fee.



## Water Matrix for Basins



Matrix is designed to replace gravel traditionally used in a Disappearing Waterfall reservoir or for use in larger Disappearing Fountain applications. Over 3 times more water storage capacity than gravel. Matrix holds 7.4 gallons water per cubic foot and gravel only holds approx. 2.2 gallons. Easier to clean and less likely to clog than gravel. Less Labor on installation for moving boulders, gravel and other rock. Less maintenance after installation because of greater water volume in basin.

### Large Basin Matrix™

**\$75.95**

Dimensions: 26.5" x 16" x 17.5"h  
Volume: 32 gallons

### Small Basin Matrix™

**\$43.95**

Dimensions: 26.5" x 16" x 9.5"h  
Volume: 17 gallons

## Pump Canyons™

### Mini Pump Canyon™

**\$143.00**

2500 GPH Capacity • 14" x 12.2" x 16.5" • One Piece Molded Construction

### Small Pump Canyon™

**\$239.00**

7500 GPH Capacity • 17" x 15.5" x 21" One Piece Molded Construction Includes Auto-Fill Spinweld Fitting

### Large Pump Canyon™

**\$359.00**

20,000 GPH Capacity • 27" x 24" x 30"h One Piece Molded Construction Includes Auto-Fill Spinweld Fitting



# PONDBUILDER™



## Cascading Falls™

Features:

- Easy way to create waterfall
- Great for use in "Pondless" applications
- Landscape Lid® disguises box in landscape
- Black Matala mat included
- Stainless steel hardware, silicone, liner clips, plumbing, teflon tape & instructions
- Two bulkhead inlets

### 10" Cascade Falls™

**\$79.95**

Waterfall Width: 10" Spillway  
Max. Pump Flow: 1800 gph  
Inlet Size: 1" UniSeal  
Landscape Lid attached

### 14" Elite Cascade Falls™

**\$194.00**

Waterfall Width: 14" Spillway  
Max. Pump Flow: 2500 gph  
Inlet Size: Two - 2"

### 22" Elite Cascade Falls™

**\$329.00**

Waterfall Width: 22" Spillway  
Max. Pump Flow: 5500 gph  
Inlet Size: Two - 2"

### 30" Elite Cascade Falls™

**\$479.00**

Waterfall Width: 30" Spillway  
Max. Pump Flow: 7500 gph  
Inlet Size: Two - 3", includes 3" to 2" reducer

### 40" Elite Cascade Falls™

**\$629.00**

Waterfall Width: 40" Spillway  
Max. Pump Flow: 10,000 gph  
Inlet Size: Two - 3"

## Elite™ Skimmer Box with Lid

### Features:

- Skims Surface of Debris
- Protects and Hides Pump
- Weir Door Increases Filters' Efficiency
- New Design Increases Strength
- Two Discharge Options with UniSeals®
- Matala® Mat Eases Skimmer Maintenance
- Stronger Mesh Net Lasts Longer
- Stainless Steel Hardware Resists Corrosion
- Bottom Drain Compatible
- Overflow and Autofill Option Included
- Includes natural look lid



Weir Opening: 8", Rec. Flow Rate: 3500 gph **\$404.00**  
maximum flow 5000 gph

Weir Opening: 10", Rec. Flow Rate: 5500 gph **\$539.00**  
maximum flow 10,000 gph

Weir Opening: 15", Rec. Flow Rate: 7500 gph **\$734.00**  
maximum flow 20,000 gph

## Elite™ Waterfall Filter



- Removable Landscape Lid™. Patent Pending
- Octagonal Design Improves Strength
- Two Bulkhead Openings
- Two Matala® Filtration Mats
- Stainless Steel Hardware
- Reversible Waterfall Spillway

**14" Width Elite™ Waterfall** **\$329.00**

Rec. Pump Flow: 2500 gph, Maximum flow: 3500 gph  
Inlet Size: Two - 2". Maximum pond volume: 1500 gallons

**22" Width Elite™ Waterfall** **\$524.00**

Rec. Pump Flow: 5000 gph, Maximum flow: 6000 gph  
Inlet Size: Two - 2". Maximum pond volume: 3500 gallons

**30" Width Elite™ Waterfall** **\$734.00**

Rec. Pump Flow: 7500 gph, Maximum flow: 10,000 gph  
Inlet Size: Two - 2". Maximum pond volume: 6000 gallons

**40" Width Elite™ Waterfall** **\$1049.00**

Rec. Pump Flow: 10,000 gph, Maximum flow: 20,000 gph  
Inlet Size: Two - 3". Maximum pond volume: 10,000 gallons

## NWG Waterfall Spillways



**Waterfall spillway in use**



Designing and building waterfalls with beautiful cascades of water is now easier than ever! Position spillway at the top of the waterfall liner, attach the tubing from your pump and you have an instant cascade to start your stream or waterfall. Easy!!!

**Large Spillway** 1 5/4" spillway lip **\$44.95**

Comes with 1" Barb intake Handles 700 to 2400 gallons per hour. Can also be planted as a bog filter.  
Dimensions 19" wide x 23" long x 6" deep

**Small Spillway** 9 1/2" spillway lip **\$34.95**

Comes with 3/4" Barb intake. Handles 250 to 1200 gallons per hour. Dimensions 13" wide x 16 1/2" long" x 6" deep

**Serenity™ Waterfall Filter** **\$128.00**

Waterfall Width: 14" Spillway • Max. Pump Flow: 1800 gph • Inlet Size: 1.5" Max. pond volume: 1200 gallons • Spinweld • Includes Poly-Flo Media, Biological Media with Bag, 1.5" Plumbing Fitting & Instructions



**Serenity™ Skimmer** **\$208.00**

Weir Opening: 7". Max. Flow Rate: 1800 gph  
Includes Poly-Flo Media, Mesh Net, Landscape Lid™, Silicone, Liner Clips, Screw Caps & Stainless Steel Hardware





# Savio Skimmerfilter

Sturdy multi-functional filtration reduces maintenance, collects debris, clears water, and hides unsightly pumps and plumbing. Dimensions approximately 24" L x 24" W x 24" D. Provides filtration for ponds up to 1000 gallons.




Model SSW 6000 6" face plate **\$485.00**

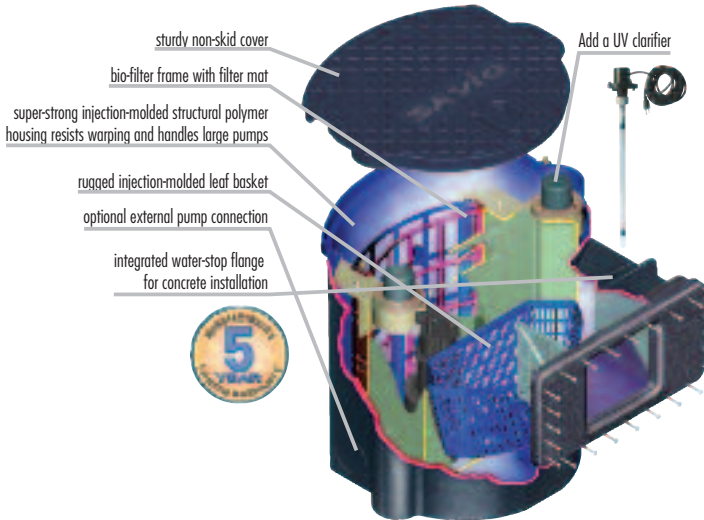
Model SSW 8500 8.5" face plate **\$485.00**

Model SSW 16000 16" face plate **\$485.00**

Emperor Retrofit 25 Watt UV for ponds to 3,000 gallons **\$254.00 #02826**

Emperor Retrofit 50 Watt UV for ponds to 5,000 gallons **\$354.00 #02850**

Pond Surface Area	Assemblies	Pump GPH (min-max) For optimum performance
Up to 300 sq. ft	6" Faceplate 	Recommended Flow 500-2,500 GPH
Up to 500 sq. ft	8.5" Faceplate 	Recommended flow 1,800-5,000 GPH
Up to 1,200 sq. ft.	16" Faceplate 	Recommended Flow 5,000-8,500 GPH



## Savio Compact Skimmerfilter

A great thing just got . . . smaller. A scaled down version of our popular Savio Model. Great for smaller pond installations and as an add-on to already existing liner ponds. Space saving alternative to the bigger, more versatile model. Filters ponds up to 1000 gallons.

Savio Compact Skimmerfilter **\$365.00**



Pond Surface Area	Assemblies	Pump GPH (min-max) For optimum performance	Model
Up to 200 sq ft	6" Faceplate	Recommended flow 500-1800 GPH	Model CW60
Up to 300 sq ft	8.5" Faceplate	Recommended flow 1800-3000 GPH	Model CW85

### 18 watt UV Sterilizer

Emperor Retrofit, #02818. Maximum pump flow 1000 gph **\$236.00**

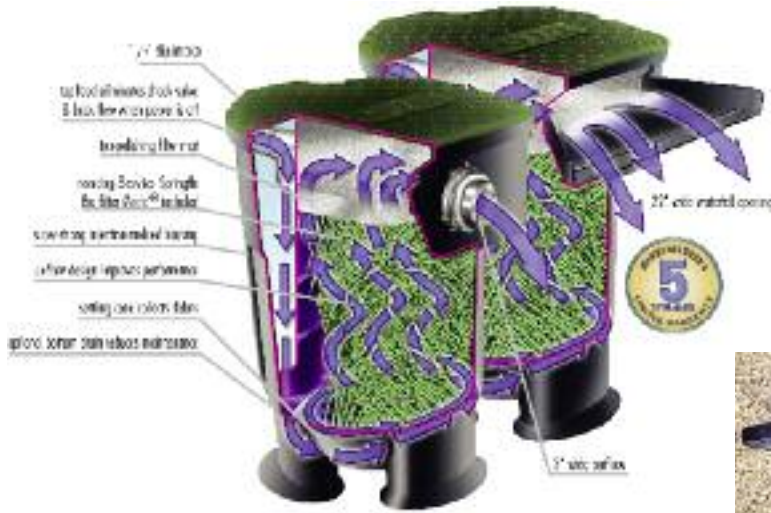
### Savio Skimmerfilter Parts

Skimmerfilter Mat Media	\$19.95
Compact Skimmerfilter Mats (2)	\$13.95
Replacement 16 or 18 Watt Lamp	\$60.00
Replacement 25 Watt Lamp	\$72.00
Replacement 50 or 57 Watt Lamp	\$90.00
Mechanical Water Leveler (specify right or left)	\$45.95

Replacement Quartz Sleeves 16W, 18W, 25W, 50W or 57W please specify	\$60.00
External Pump Kit	\$17.95
Midwater Intake Kit	\$58.95
Skimmerfilter Replacement Basket	\$56.95
Compact Skimmerfilter Repl. Basket	\$54.95
Faux Stone Cover, Small	\$112.00
Faux Stone Cover, Large	\$195.00

# Savio Livingpond Filters

Superior water quality—simplified plumbing and maintenance! Dimensions approximately 22" W x 24" L x 30.5" D.



Pond	Unit	Pump GPH (min-max)	Model No.	Price
Up to 5,000 gallons or 2,000 gallon koi pond	Livingponds Waterfall Filter	Recommended Flow 500-5,000 GPH 22" wide waterfall opening	F100	\$505.00
Up to 5,000 gallons or 2,000 gallon koi pond	Livingponds Versatile Filter	Recommended Flow 500-3,000 GPH 2" pipe opening	F200	\$505.00

## Savio Springflo Media

Replaces gravel, bio balls, and floss. Fills 3 cubic feet.

\$79.95



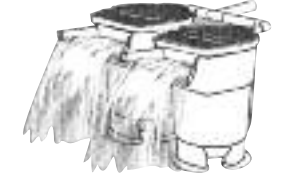
Livingponds Waterfall Filter

## Modular Design

Adding filtration capacity is as simple as connecting filters together..



Up to 9,000 gallons @ 3,000 gph



Up to 10,000 gallons @ 10,000 gph



Up to 9,000 gallons @ 3,000 gph

## Livingponds Filter Parts

Livingponds Filter Top Mat \$23.95

Springflo Media \$79.95

Livingponds Filter Bottom Drain Kit \$23.95

## Savio Pond Free Waterfall Well

Creates Beautiful disappearing Waterfalls and Streams without the need for a pond.

- Injection molded housing for durability
- Durable snap-fit enclosure is easy to assemble
- Can also be used for drainage pumps, irrigation
- Approx dimensions 21" x 21" x 24" high
- Optional Extension is approx 19" high
- Maximum pump flow 15,000 gph

Savio Waterfall Well \$179.00

Savio Waterfall Well Extension \$62.00

Savio Waterfall Well Autofill Kit \$44.95



## Savio Livingponds Filter 070

The newest member of the Savio Family. This small filter fall is the perfect match to the Savio Compact Skimmerfilter. Features include:

- 16" waterfall weir
- Dual 3" inlets for easy placement
- Includes top grate, two filter pads, Filter media rock and bag
- Filters ponds up to 2000 gallons
- Maximum pump flow to 3000 GPH
- Comes with fittings for hose 3" down to 1 1/2" barb

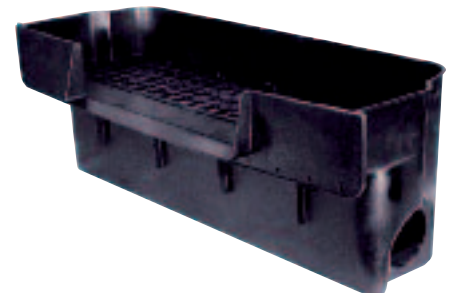


Livingponds Filter 070

\$224.00

Replacement pads (2)

\$16.95



# Savio Pumps

**Water Master Solids Handling Pumps are the top of the line model for professional use.**



**WMS5000**

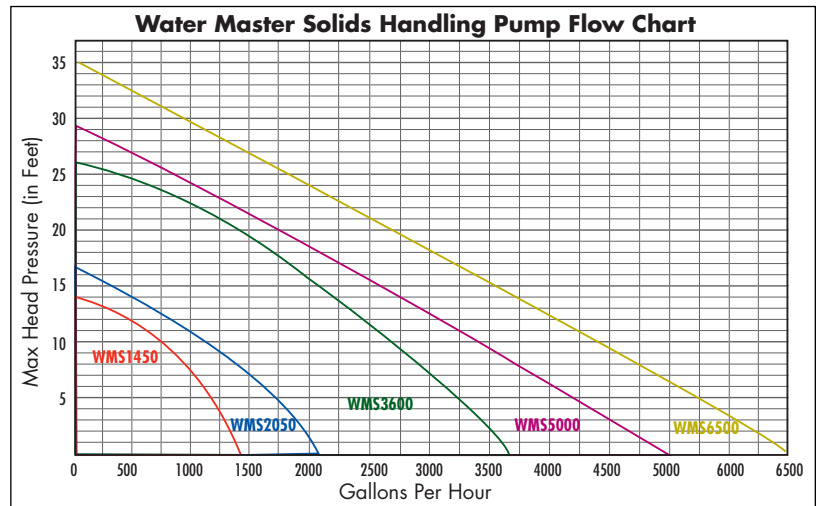


**WMS3600**

- Can handle suspended debris & spherical solids up to 1¼"
- Oil-less design means they're fish and plant friendly
- Built-in thermal protection
- Heavy duty sealed ball bearings
- Ceramic coated shaft for hardened wear resistance
- Triple sealed for longer life
- 18 month warranty



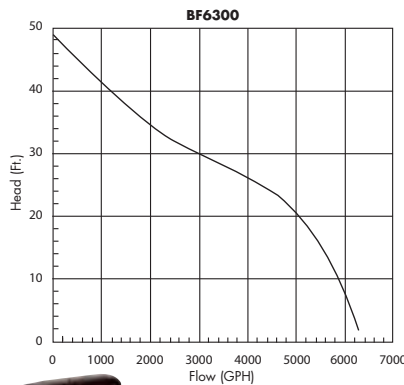
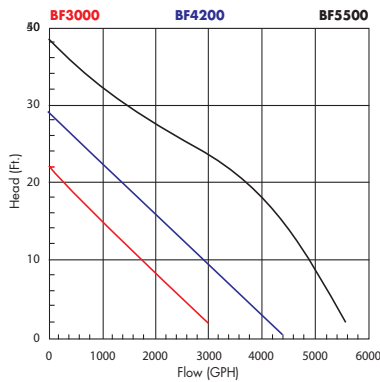
Model	Price	Cord length	Min-Max watts	Outlet	Shut off
WMS1450	<b>\$224.00</b>	16'	140-180	1¼"FIPT	14'
WMS2050	<b>\$251.00</b>	16'	240-330	1¼"FIPT	16'
WMS3600	<b>\$359.00</b>	16'	500-620	1¼" FIPT	25'
WMS5000	<b>\$539.00</b>	16'	510-870	1½" FIPT	28.5'
WMS6500	<b>\$575.00</b>	16'	750	1½" FIPT	35'



# Big Frog Pumps

**Why BigFrog® Pumps?**

- Engineered for 24 hour continuous use
- Full 2 year warranty
- High quality seals for long and efficient pump life
- Contains no oil - Fish safe
- Wildlife safe with removable fish / frog guard
- Ability to pass solids up to 1¼" in diameter because of the vortex impeller for tough-torque flow
- Superior stainless steel with fiberglass reinforced construction for abrasion and corrosion resistance
- Overload sensor shut-off protection to keep pump from over heating or burning out



Pump Model	BF 3000	BF 4200	BF 5500	BF 6300
Watt	150	250	400	750
GPH	3,000	4,200	5,500	6,300
Max Head	22	29	39	49
Out Put	2"	2"	2"	2"
Cord length	20'	20'	20'	20'
Price	<b>\$386.00</b>	<b>\$449.00</b>	<b>\$611.00</b>	<b>\$755.00</b>

## Calculating Electrical Cost

Pumps have plates that show the manufacturers rating for amps and watts. The watts are multiplied by 24 hours to give you the total number of watts used in a full day. Divide the watts used in a 24-hour period by 1000. This gives you the kilowatt-hours used in one day. Your electricity bill tells you how much you pay for a kilowatt-hour. Multiply the cost per kilowatt-hour by the kilowatts used. This gives you the cost per day. Example: A 150 watt pump operating 24 hours a day at 10 cents per kilowatt hour is calculated as follows: [(150 Watts x 24 Hours) ÷ 1000] x 10 cents = \$0.36 per day.

# Monsoon Pumps

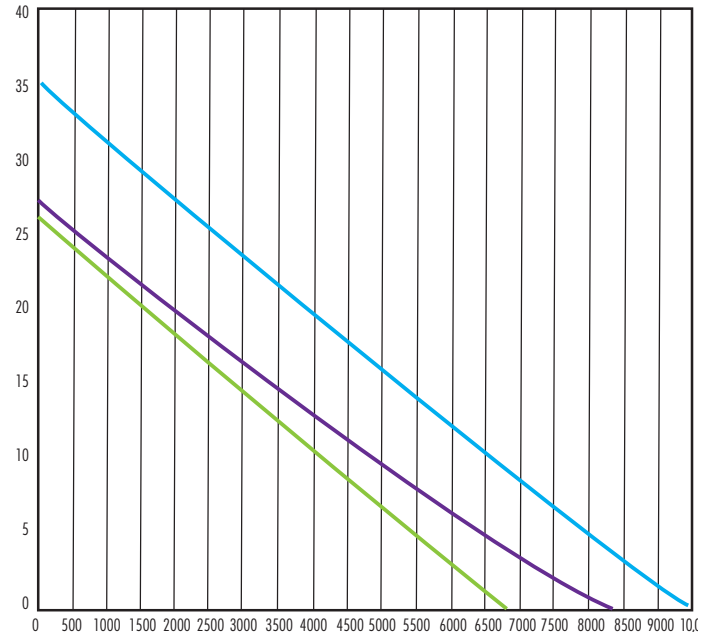
## A Passion for Moving Water

Monsoon hybrid drive technology combine the power of direct drive pumps with the energy efficiency and safety of magnetic drive pumps. Imagine touching a remote control and electronically increasing the flow over your waterfall to a raging torrent . . . or decreasing it to a gentle trickle. You can vary the water flow in your water feature thanks to the use of asynchronous motors in all Monsoons. Available is a broad range of models, from 5,200 to a whopping 10,000 gallons per hour.

The monsoons are an asynchronous pump that is mag driven and is designed for high out put and medium head pressure. This pump can be used on a dimmer switch to adjust the flow by decreasing the amps

Model	Watt	GPH	Retail
MS6100	400	5,500	\$399.00
MS8000	750	6,300	\$449.00
MS10000	1000	10,000	\$609.00

**Monsoon® 4,000–8,000 Flow Chart**



Model	MS6100	MS8000	MS10000
<b>Max Pond Size</b>	12,200 gal	16,000 gal	22,000 gal
<b>Max Flow at 5' Head</b>	6,100 gph	8,000 gph	10,000 gph
<b>Max Pumping Head</b>	27'	30'	36'
<b>Pipe Diameter</b>	3"	3"	4"
<b>Pump Efficiency Range</b>	ft / gph	ft / gph	ft / gph
<b>Minimum Head</b>	7 / 5000	8 / 5500	5 / 8300
<b>Maximum Head</b>	21 / 1000	23 / 1000	33 / 1000
<b>Outlet Size</b>	1 ½"	1 ½"	3"
<b>Max Solid Diameter</b>	1¼"	1 ¼"	1 ¼
<b>Watts at 5' Head</b>	520	660	1000
<b>Amps</b>	4.5	5.7	8.7
<b>Volts</b>	115	115	115
<b>Daily Operating Cost</b>	\$1.37	\$1.74	\$2.64
<b>Cord Length</b>	30'	30'	30'

**Note:** Head, or head pressure, is a combination of lift (height), run (length) and friction loss from the pipe and fittings. Pipe size, and not pump outlet size, determines maximum GPH. Use reducers or adapters to match pump and pipe size

**Note:** If you operate your pump within the efficiency range shown you will use less electricity and extend the life of your pump.

**Note:** Daily operating cost based on 11¢ per KWH U.S Dept. of Energy national average



## Completely Clear™ Pump & Filtration System

Designed for ponds up to 1,200 gallons, this low profile workhorse includes complete biological, mechanical and chemical filtration. Multiple layers of filter media trap sludge and sediment. This unit even includes a 9W UV clarifier! The 525 GPH pump with integrated fountain nozzle produces a beautiful display. Built-in diverter feeds waterfalls or spitters. UL listed, 1 year warranty.

<b>Pump Model</b>	CC1200
<b>Watt</b>	59
<b>GPH</b>	525
<b>Max Head</b>	10
<b>Out Put</b>	½"
<b>Cord length</b>	25'

All this for only \$189.00

# Little Giant Pumps—Our Good Pumps

All Little Giant pumps are black. All are epoxy encapsulated to eliminate oil for cooling but allowing these pumps to maintain higher pressure. All pumps are submersible. Three year manufacturer's warranty. Direct drive pumps.

Model	Price	Cord Length	AMP/Watts	Outlet Size	1'	Gal per hr at outlet height of:				Shut Off
						3'	5'	10'	15'	
PE-1-PW	<b>\$75.00</b>	15'	0.6/36	1/2" OD	170	140	100	-	-	7.0'
PE-2F-PW	<b>\$105.00</b>	15'	0.8/47	1/2" OD	300	270	240	130	-	12.2'
PE-2.5F-PW	<b>\$140.00</b>	15'	1.4/80	5/8" OD	475	440	395	205	65	13.4'
WGP-65-PW	<b>\$185.00</b>	16'	/230	1" OD	1900	1350	1250	785	325	20'
WGP-80-PW	<b>\$230.00</b>	16'	/675	1 1/4" OD	3500	3500	3240	2700	2100	29'
WGP-95-PW	<b>\$276.00</b>	16'	/700	1 1/4" OD	4280	3950	4000	3500	2850	30'



PE-2.5F-PW



PE-1F-PW



## PF-WG Pump Filter

**PF-WG Filter.** Black plastic box filled with "fish friendly" urethane. Screws over the inlet of Little Giant models PE-1F, PE-2F, and 2E-38N.

PF-WG \$16.95

PF-RP Replacement Pad \$6.95



WGP Series



PE-2F-PW



## Little Giant FB-PW Filter

\$48.95

Submersible Filter box for housing your pump. Comes with two filter pads. Prevents debris from clogging pump and fountain nozzles. Use with Models PE-1F-PW and PE-2F-PW pumps. Add BM-30-PW media for additional bio filtration.

Replacement Pads \$10.45  
BM-30-PW Media \$14.95

## Need Help Selecting Your Pump?

Rather than starting with the usual question: "How big is your pond?" The most important consideration in choosing a pump is, "What are you going to use the pump for, a fountain or a waterfall?" Choosing a pump for a statue, fountain spray or recirculation is far different from choosing one for building a waterfall.

A pump for a statue or fountain spray takes less volume of water than a waterfall. Most fountains or statues work well with 700 gallons per hour or less, and many will perform nicely with as little as 300 gallons per hour or less. You must pre-filter the pump water when operating something with small openings like the fountain or statue. Clogging from small particles will occur without filtration.

If the pump is to be used for recirculation only, with no visible water flow, then the pump is usually chosen according to the pond size. A good rule of thumb is to recirculate the

entire pond volume once every one to three hours. Move the water from one end of the pond to the other using tubing attached to the pump. Hide the tubing in the stonework around the pond and discharge the water as far from the pump as possible. A waterfall requires much more water than other uses. To be visually effective and to fall cleanly from one layer of stone to the next, a minimum of 100 gallons of water per hour per inch of waterfall width is necessary. Any less than 100 gallons per hour per inch is not a very effective flow. Don't be afraid to go up to 200 gallons per inch. More water can create a very effective display.

- Figure out what you want the falls to look like, in other words decide how much flow you want to see.
- Determine the outlet height by measuring the vertical lift from the pond surface to the top of the upper pond or falls.
- Determine the length of tubing needed in feet and divide by ten to convert tubing length to vertical lift.

# Supreme<sup>™</sup> MAG-DRIVE<sup>™</sup> UTILITY PUMP

## Mag Drive Pumps— Our Better Pumps

Designed for Energy Efficiency, with only one moving part, these are an economical choice for waterfall applications. Black plastic pump has an epoxy encapsulated motor. Comes with a **three year manufacturer's warranty** and are UL listed. Can be used in-line or submersed. Pumps 2–7 come with a strainer and foam pre-filter and larger pumps come with a strainer only.

\*One year warranty on HyDrive pumps.

Model	Price	Cord Length	AMP/Watts	Outlet Size	1'	Gal per hr at outlet height of:				Shut Off
						3'	5'	10'	15'	
Pond-Mag 2	<b>\$73.00</b>	18'	.3/24	¾" OD	250	170	75			7'
Pond-Mag 3	<b>\$84.00</b>	18'	.6/35	¾" OD	350	300	210	10		10.5'
Pond-Mag 5	<b>\$99.00</b>	18'	.8/45	¾" OD	450	380	250	20		10.5'
Pond-Mag 7	<b>\$111.00</b>	18'	1.3/60	¾" OD	650	500	420	120		11.5'
Pond-Mag 9.5	<b>\$133.00</b>	18'	1.33/93	1" OD	950	850	750	400		14'
Pond-Mag 12	<b>\$188.00</b>	18'	1.5/110	1" OD	1200	1150	1120	600		15.1'
Pond-Mag 18	<b>\$214.00</b>	18'	1.5/145	1" OD	1800	1500	1200	850	420	20'
HyDrive 2100 Pro*	<b>\$248.00</b>	20'	1.5/190	¾–1½" OD	2100	1900	1750	1300		22'
HyDrive 3200 Pro*	<b>\$272.00</b>	20'	1.6/200	¾–1½" OD	3200	2700	2050	650	-	12'



**POND-MAG 2-36**



**HYDRIVE PUMPS**



### Pre-filter

Foam & plastic strainer  
Large foam for 2, 3, 5 & 7  
12285DAN **\$11.95**

Large foam for 9, 12 & 18  
12730DAN **\$11.95**



Strainer Only  
For 9.5 to 36  
12785DAN **\$11.95**



### Pondmaster Diverters

½" fits 2,3,5,7 **\$14.95**

¾" fits 9.5,12,18 **\$19.95**

1" fits 24, 36 **\$19.95**



### Impeller Assembly

Rotor, magnet and shaft. Specify A or B.

Pond-Mag 2 **\$13.95**

Pond-Mag 3/5 **\$16.95**

Pond-Mag 7 **\$16.95**

Pond-Mag 9.5 A or B **\$24.95**

Pond-Mag 12 A or B **\$24.95**

Pond-Mag 18 A or B **\$36.95**

Pond-Mag 24 **\$43.95**

Pond-Mag 36 **\$57.95**

Pond-Mag 50 **\$115.00**

### Volute

Front faceplate with intake and outlet

**\$10.95**



### Specify part number

Part No. 12535 fits 2/3

Part No. 12545 fits 5/7

Part No. 12733 fits 9.5

Part No. 12741 fits 12/18

Part No. 12783 fits 24/36

Part No. 12786 fits 50



### Heavy Duty Filter Screen

3¾" x 4¼" size helps stop pump clogs and extend pump life.

½" to ¾" FNPT attachment **\$12.95**

1" FNPT attachment **\$12.95**

### Pondmaster Filter Replacement Pads

PMK 200 Replacement Coarse Pads. Pkg of two **\$6.95**

PMK 200 Replacement Carbon Pads. Pkg of three **\$7.95**

### Pondmaster

FH 77 Adjustable Fountain Kit

- Three distinct adjustable patterns, High and Low Fleur-de-lis, and Lotus designs
- Includes two 7" extensions and a pump adapter
- Suitable for PondMag 2, 3, 5, or 7

**\$22.95**



- Use the pump flow charts in the catalog to choose the correct pump.

Our method of choosing a pump: 1. Width of waterfall desired in inches X 100-200 gallons per hour = Flow Rate.  
2. Calculate the total lift by finding the height of the falls above the pond surface (in feet) + the distance of the tubing from the pump to the top of the falls (in feet ÷ 10) = Total Lift. Total Lift = Head Height

EXAMPLE: waterfall width desired averages 18-21 inches wide. This means a minimum of 1800-2100 gallons of water per hour (GPH) is needed. The falls are about 5 feet above the pond. The tubing will be about twenty feet in length once it comes out of the pond and curves around shrubs on its way to the top. Convert tubing length by dividing by ten and add this number to the height above the pond [or 5' + (20' ÷ 10) = 7']. This number is the total lift. You now know you need a minimum of 1800-2100 gallons per hour (GPH) at 7' of lift. Look on the pump charts provided to find which pump will give you the flow of water at the height that you determined. Look also at electrical use, warranty period and quality of product in making a final decision on the pump purchase.

### PMK 190 Filter Kit

Suitable for small to medium ponds and containers. 190 gph Mag-Drive pump with filter material, Bell fountain head on stem, and provides biological and mechanical filtration.

PMK 190 **\$85.95**

PMK 190 Replacement Pads

(Pkg of two) **\$8.95**



# Tubing



## PVC Flexhose

Smooth walled, black, flexible PVC reinforced pipe as pictured. Connects to standard PVC fittings with PVC cement. Great for use with our Skimmers and Filterfalls.

	25'roll	50'roll	100' roll
1 1/4" ID	\$53.00	\$95.00	\$190.00
1 1/2" ID	\$55.00	\$100.00	\$200.00
2" ID	\$85.00	\$145.00	\$290.00
3" ID	n/a	\$250.00	\$500.00



## Black Spiral Tubing

Heavy duty, black vinyl tubing will not kink or crush. Plastic spiral reinforced. Ideal for waterfalls and long runs of tubing. Use barbed fitting for connections.

1/4" ID per foot	\$1.45	1 1/4" ID per foot	\$1.95
1" ID per foot	\$1.65	1 1/2" ID per foot	\$2.25
		2" ID per foot	\$3.75

## Black Vinyl Tubing

Sturdy, black vinyl keeps the sunlight from producing algae inside the tubing. Flexible tubing will also be less visible under the water, making it easier to hide. We recommend using a tubing size 1/4" to 1/2" larger than the pump outlet to increase the volume of water carried and to decrease the pressure coming from the tubing. Vinyl smooth outer and inner wall connects to barbed fittings.



### Fish Safe ★ Non-Toxic

ID	OD	Wall	Per Foot
1/4"	3/8"	1/16"	<b>\$0.49</b>
3/8"	1/2"	1/16"	<b>\$0.49</b>
1/2"	5/8"	1/16"	<b>\$0.64</b>
5/8"	3/4"	1/16"	<b>\$0.74</b>



## All Stainless Steel Clamps

1 13/16" to 2 3/4" range - fits 2" pipe  
 1 5/16" to 2 1/4" range- fits 1 1/4" to 1 1/2" pipe  
 3/4" to 1 3/4" range - fits 1/2" to 1 1/4" pipe  
 9/16" to 1 1/16" range - fits 3/8" to 3/4" pipe  
 3/8" to 7/8" range - fits 1/4" to 1/2" pipe **each \$1.95**



**Union fitting.** Allows easy pump removal.

1 1/4" union slip by slip **\$14.95**  
 1 1/2" union slip by slip **\$15.95**  
 2" union slip by slip **\$19.95**



### Compact Ball Valve ★ PVC ★ Gray ★ FPT x FPT fittings

Allows full flow through the valve with no restrictions. Female threaded for barb adapter.

1/2" **\$3.95**      3/4" **\$3.95**      1 1/4" **\$6.95**  
 1" **\$5.95**      1 1/2" **\$11.95**



### In-Line Spring Check Valve ★ PVC H Sch 40 ★

Use to stop back flow of water from upper ponds and waterfalls when power is off. Come with slip fittings.

1" **\$10.95**      1 1/4" **\$13.95**  
 1 1/2" **\$13.95**



## Bulkhead Fittings

Make a watertight connection through the side of a pond. Size shown is FPT fitting, not actual size of the hole in the pond wall.

1/2" **\$9.95**      1/4" **\$9.95**      1" **\$9.95**  
 1 1/2" **\$11.95**      2" **\$15.95**

# Pressurized Filters

Pond maintenance is now even easier. Use a pressurized filter and cleaning your filter is as easy as flipping a switch. These filters can be buried up to their closing ring making them very easy to hide. Because they are pressurized they can be put in remote locations away from the pond. When you back wash the filter, waste water can be used as a natural fertilizer for your garden. If you don't have room for a large waterfall filter this is the filter for you and they all have UV options!

The Anjon Simply Clear is the best value pressurized filter we offer! It comes complete with a UV clarifier. If you don't want to use it . . . just don't plug it in. Our Simply Clear pressurized filter comes with different density filter medias which pre-filter the water and are designed to cultivate different strains of beneficial bacteria. It also includes Bio Balls for the ultimate surface area for bacteria colonies and water flow.

We keep filter mats in our pressurized filter to pre-filter and polish the water in your pond; many of our competitors have removed to save cost. They may use Bio Balls and chips, but these used alone allow larger suspended particles through causing cloudy water. Our multi-stage filtration system catches the large particulate and filters out smaller suspended particles. Clear water then flows

to the built-in UV clarifier. UV light works best in clear water. Like head lights on your car, which do not shine as far in fog as they do on a clear night. This is why we designed a multi-stage filtration system, passing your pond water through the mats and Bio Balls then through the UV and back to the pond. This is why our filters can work with smaller UV lights than competing brands! Comes with a 3 year warranty (UV bulb excluded)



Item	Dimensions	Max Pond Size	Inlet\ outlet	UV	Retail
SC-1000	13.5" x 11.5" x 16"	1,000	.75"-1.5" Barb	7	<b>\$299.00</b>
SC-2000	16.5" x 13.5" x 20.5"	2,000	.75"-1.5" Barb	9	<b>\$399.00</b>
SC-3000	16.5" x 13.5" x 23.5"	3,000	.75"-1.5" Barb	11	<b>\$499.00</b>

# Bulk Filter Media

**For Biological or Mechanical Filters.** Fibrous material has various densities for multiple layer use. Use as lightweight filler with very high surface area. Great for use with Fiberglass pools with spillways, or Whiskey Barrel with spillway. 56" wide sheet in following thicknesses:



**Poly-Flo**  
filter media

- By the Foot**
- 2" Coarse-Off White per linear ft. **\$17.00\***
  - 1 1/4" Coarse-Black (50% more surface area) per linear ft. **\$19.00\***
  - 1 1/4" Coarse-Off White per linear ft. **\$13.00\***
  - 1" Medium-White per linear ft. **\$11.00\***
  - 1 1/4" Coarse-Off White Mini-Roll (28" x 12') **\$85.00\***
  - 2" Coarse-Off White Mini-Roll (28" x 10') **\$105.00\***

\*\$8.00 extra freight charge for 3 linear feet and up.



## Matala

The "Easy to Clean, Easy to Install" filter media. Comes in Half Sheets 24" x 39" x 1.5" thick Available in 3 densities:

- Blue**—tightest weave for more sediment reduction **\$46.00**
- Green**—less dense for more bio filtration **\$44.00**
- Black**—great a prefiltration or large volumes of water **\$41.00**



## Rainbow Bio Blox

Great for homemade filters or in our PondBuilder Filter Falls (see page 39).

1 cu.ft. **\$19.95**



## Mesh Bags

- FB5 20" x 30" **\$11.95**
- FB6 24" x 36" **\$13.95**

## Figuring the Pond Volume

Measure the pond length, width and depth in feet. Multiply the three numbers to obtain the cubic volume of the water. Multiply this number by 7.5 to get the total number of gallons of water. If the surface of the pond is irregular, try to estimate the actual square footage as close as possible before multiplying with the depth. The depth should be an average depth, not the deepest point. Avg. length X Avg. width X Avg. depth X 7.5 = gallons of water.

An alternative to measuring pond volume is to use a water gauge for the garden hose that can be purchased at a hardware store. Another possibility is to record the amount of time it takes to fill a five gallon bucket, then time the filling of the entire pond and divide the total number of minutes by the time it took to fill the bucket.

# Koi Pond Aeration Kits

## Water Garden Professional Aeration Kit, Great for All Seasons!

Aeration Benefits: • Increases oxygen levels to ensure healthy pond life • Ensures pond balance by promoting beneficial bacteria growth for biological filters. • Lowers toxic gases and ammonia by promoting gas exchange • Reduces chance of fish kill during the winter by keeping a hold open on the water's surface

## Aeration for Healthy and Happy Fish!

If your waterfall or fountain is not providing enough aeration or you wish to keep your pond open all winter long then these aeration kits are perfect! Powered by a silent, reliable compressor, this diffuser system will add oxygen, aerate, circulate, eliminate dead spots and keep your pond and fish active and healthy all year long, costing only pennies per month. Aeration kits include an all weather linear compressor capable of pushing air up to 300 feet to the pond's edge if electricity is not near the pond. Compressors should be covered during winter months. Easy installation!



Model:	1-Plate System	2-Plate System
Pond Size	2,000 - 8,000 gallons	8,000 - 16,000 gallons
Tubing:	25' self-weighted	50' self-weighted
Diffuser:	1 plate - 2 membrane sticks	2 plates - 4 membrane sticks
Volts	115 volt	115 volt
Watts	33	33
Amps	0.65	0.65
CFM	1.59	1.59
Cost per Month	\$1.66	\$1.66
Warranty	3 years	3 years

**Koi Air-1™ Kit** For ponds to 8000 gallons **\$399.00**

**Koi Air-2™ Kit** For ponds 8,000 to 16,000 gallons **\$519.00**



**Faux Rock Cover** **\$79.95**

w/ Vent for Koi-Air Water Garden Aeration Kits, 17" x 14" x 12"

## EZ Bio Filter



Submersible pump filter for many size pond and pump applications. Progressive density pads prevent clogging. Easy to clean. Can be connected together for larger pumps or larger ponds. Hose connection for 1" to 1 1/2" pipe. 1 1/2" FPT connection

**EZ Bio 11** 4: x 8" **\$43.95**  
Maximum flow 1900 gph

**EZ Bio 20** 8" x 8" **\$68.95**  
Maximum flow 3400 gph

# SMART UV Sterilizer



The "BEST" in the business. These water tight sterilizers are designed to eliminate algae in the pond water and are UL listed as safe for outdoor use. Features include:

- Watertight design keep ballast and electrical connections inside the unit and protected from outside elements. This allows units to be buried in the ground.
- T5 style lamp is the highest quality UV lamp available featuring hard quartz glass.
- 3" UV Body Diameter (except 18 watt 2" dia.) maximizes water flow rate through the UV without diminishing UV dosage performance.
- Recommended pond size is based on end of bulb life (13 months) for accurate sizing.



Replacement Quartz Sleeves

- 18 watt \$40.00
- 25 watt \$44.00
- 40 watt \$60.00
- 65 watt \$140.00



Replacement Lamps

- 18 watt \$60.00
- 25 watt \$72.00
- 40 watt \$75.00
- 65 watt \$117.00



Model	Price	Size	Max Recommended Pond Size	Suggested Flow Rate	Max Flow Rate	Dimensions (approximate)	Inlet/Outlet
02218	\$293.00	18 watt UV	1,100 gal	219 gph	365 gph	2.5" x 21.75"	1-1/2" union
02025	\$359.00	25 watt UV	2,360 gal	472 gph	788 gph	3.5" x 29"	1-1/2" union
02040	\$400.00	40 watt UV	4,725 gal	943 gph	1574 gph	3.5" x 43.75"	1-1/2" union
02065	\$665.00	65 watt UV	8,565 gal	1,710 gph	2855 gph	3.5" x 70.5"	1-1/2" union

Larger sizes are available. Please inquire.

## Submersible Ultraviolet Lighting

Fully Submersible units control water borne algae and can also be placed outside the pond as well.

- Includes transformer and 18 foot cord
- Glowing monitor halo ring, visible from any angle, shows it's working
- Black in color to hide under the water.
- Pump must be purchased separately

Unit	Max Pond size	Barb size	Max water flow	Price
10 watt unit	1500 gallons	3/4"	700 gph	\$210.00
20 watt unit	3000 gallons	3/4"	1800 gph	\$252.00
40 watt unit	6000 gallons	1"	3000 gph	\$289.00

## Supreme PONDMASTER



### Replacement lamps

- 10 watt \$59.00
- 20 watt \$67.00
- 40 watt \$85.00

### Replacement Quartz Sleeves

- 10 watt \$27.00
- 20 watt \$32.00
- 40 watt \$40.00

### Replacement Ballast

- 10 watt \$74.00
- 20 watt \$103.00
- 40 watt \$117.00

## Ultra-Violet Water Clarifiers

Kills suspended algae with UV light. This easy to use clarifier ensures 100% clarity. As water passes through, the rays of an ultra-violet lamp, that is located inside each unit, eliminates green water.

Features:

- Rotates 360 Degrees making it easier to run hose to and from a unit
- Universal connectors fit 3/4" to 1 1/2" tubing
- Can be submersed in the pond or outside of the pond
- 2 Year Warranty



- PLUV1000, 7 watt \$125.00
- PLUV2000, 9 watt \$160.00

# Low Voltage Lighting

## Power Beam Lights 20 Watts.

The 20 Watts MUST be submerged in water during use. Each light contains 5 interchangeable lenses and are offered both with and without transformers. Each Light Measures 2" D x 3" H

- Create stunning, dramatic light displays both in the water and out!
- Power Beam will help you add nighttime beauty to your decorative pond, fountain, plants, or landscaping.
- Four colored lenses in red, blue, green, and yellow are included for each light!
- Includes magnetic base!
- Includes 2 year warranty.
- Rotates to 5 different positions!



\$29.95

## 1000 Watt Photocell & Timer Sensor Control

### Remote Photocell Programmable Timer

This Photocell Timer is versatile in a wide range of applications. It can be used for your lights, pumps or any electrical accessory. The timer range is from 1 to 9 hours with dusk to dawn settings. It automatically turns on at dusk and off at dawn.

- Photocell automatically turns power on and off to lights, pumps and other electronic accessories.
- Programmable for 1 to 9 hour intervals
- Handles up to 1000 watts and/or 8.3 amps



\$39.95

## Transformer with Photo Cell and Timer

Connect up to four Alpine Lights or 100 Watts total. Can use with 20 Watt and 50 Watt Alpine Pond Lites or any other garden products, which needs transformers.

- Enhance the beauty of any water garden and add intrigue with the Alpine Multi-Light Transformer with Photo Cell and Timer
- Photo Cell and Timer will activate when it gets dark.
- Adjustable timer for settings of auto, 4, 6, or 8 hours which work with the photo cell.
- Includes: Multi-Light Transformer with Photo Cell and Timer for connection with multiple Alpine pond lights or any other garden item than requires a transformer.
- For All Ponds and Indoor/Outdoor GARDEN Applications or with Other Items.



60 watt transformer \$59.95

100 watt transformer \$75.95

300 watt transformer \$180.00



## Lunaqua 2

20 Watt Halogen Lamp is for illuminating water displays such as uplighting waterfalls, and general underwater illumination. Adjustable beam allows for MR-16 Lamp to make a 20° spot to 40° flood. Plastic mounting stake included for out of pond use. In-line feature allows lights to be connected to each other. 12 Volt system. 15 ft cord. 3 Year Warranty. Low Voltage Transformer Required (see info at right).

Lunaqua 2 Light \$105.00

LOG 20 Replacement 20 watt Bulb \$8.95

Set of Color Lenses (Blue, Green, Yellow, Red, Orange) \$9.95

## Lamps

MR 16 lamp, 20 watt \$9.95

MR 11 lamp, 10 watt \$8.95

Quartz Hallogen Lamps

5 watt, 10 watt or 20 watt \$8.95



## Alpine Quick Connect Lighting Cable

The Quick Connect Lighting Cable is one of our NEWEST landscaping and pond lighting features available. You can install any Alpine lighting feature to the Quick Connect Water Tight Cable, which allows you to have many lights connected to one transformer, but with one single cord. See diagram below.

25 foot \$33.95

50 foot \$66.95

