

# How to Build a Garden Pond

Create a backyard oasis with your very own pond!

Adding a garden pond to your landscape is an effective way to increase property value and aesthetic appeal to your backyard. The sound of flowing water is naturally soothing and has been proven to reduce stress and improve overall health. Creating this type of water feature looks harder than it actually is. Here are instructions on building a basic garden pond on your land. Once you have mastered the basic construction, you can get creative and employ added touches like fountains, statues or live fish.

## Instructions

### Things You'll Need:

- Pond lining material
- Shovel (rent a backhoe for larger ponds!)
- Pump
- Electrical cord
- Stones
- Stakes
- Water stabilizer
- Chalk



1. Analyze the space you have chosen for a pond. Are there trees, rocks or special soil conditions to think about? Can these items be removed or worked into the landscape? Will this be a small pond with a water feature emerging from a slope, or is it a large pond filled by an incoming stream? When you have considered these factors, chalk an outline on the ground.

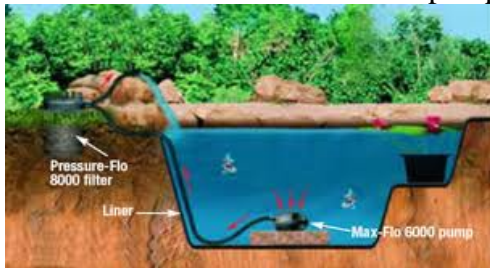
2. Begin the excavation. If a smaller water feature is being constructed, a depth of three to five feet is ideal. If a hard tub liner is needed, slide this



in to place, making sure there is little chance of leakage over the sides of the pond into the space beneath the pool liner. If a flexible liner is being used, make sure that there

is enough overlap on to un-dug ground until the rest of the work is done. These liners may require a water plant or two to keep them submerged until the air is worked out. Stones work well also.

3. Attach the pump. Some tubs have a pump outlet hole for the



associated tubes and cords. You will need to find an inconspicuous space among the water plants to hide them. Lay some weed fabric

into the streambed along with some washed stone to keep it in place. Lay the pump hose along the bed to the start of the stream and then add larger stones around the hose.

4. Add the water plants. Remember to be consistent with your choice



of plants around your pond. If you are in a dry climate, you will probably not use ferns.

Conversely, if you happen to live in a wet forest region, you will not be planting cacti.

5. Turn on the water and test out your new garden pond. Make any last minute changes that you deem necessary.

## PONDMASTER SUBMERSIBLE HALOGEN POND LIGHTS

Decorative low-voltage halogen lights can be placed underwater or along garden paths. Available in 3-unit or single unit configurations with transformers and colored gels.

### LIGHT FEATURES

- Complete with 12 Volt Transformer
- Adjustable Light with Approximately 20' of Power Cord
- High Brilliance 20 Watt Halogen Bulbs
- Low Voltage for Extra Safety
- 4 Interchangeable Colored Discs
- Waterproof Seals for Safe-Underwater Operation
- Heat-Proof Glass Lens
- Limited 1 Year Warranty
- Can also be used as Walkway Lighting
- Low Voltage Lighting Transformer listed to US and Canadian UL Standards

### TRANSFORMER FEATURES

- Rugged Weatherproof Construction
- Includes 3' Cord Set
- Can be used for Pond, Garden or Walkway Low Voltage Lighting
- Listed to US and Canadian UL Standards
- Output 12 Volts AC
- Limited 1 Year Warranty



<b>3 Light and Transformer Set</b>	<b>UPC 02393</b>
<b>1 Light and Transformer Set</b>	<b>UPC 02391</b>
<b>Single Replacement Light</b>	<b>UPC 12395</b>
<b>Single Outlet Transformer</b>	<b>UPC 12385</b>
<b>Triple Outlet Transformer</b>	<b>UPC 12390</b>

## PONDMASTER FLOATING SOLAR-POWERED POND LIGHTS

Attractive, solar-powered lights add charm and an ever-changing pond scene as they move about the surface with the wind. Available in two sizes and 4 distinctive colors and one constantly color-changing.

### LIGHT FEATURES

- Available in 4 Individual Colors or One Constantly Color-Changing Light
- 4.3" or 6.3" Diameter
- Floats Upright, Includes an Anchoring Loop
- Clear Plastic Enclosure
- Integrated Recharging Battery
- Environmentally-Friendly Solar Power



**SOLAR POWERED**



### 4.3" Floating Solar Lights

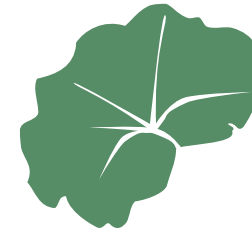
<b>Constantly Color-Changing</b>	<b>UPC 02370</b>
<b>Green</b>	<b>UPC 02371</b>
<b>Red</b>	<b>UPC 02372</b>
<b>Yellow</b>	<b>UPC 02373</b>
<b>Blue</b>	<b>UPC 02374</b>

### 6.3" Floating Solar Lights

<b>Constantly Color-Changing</b>	<b>UPC 02380</b>
<b>Green</b>	<b>UPC 02381</b>
<b>Red</b>	<b>UPC 02382</b>
<b>Yellow</b>	<b>UPC 02383</b>
<b>Blue</b>	<b>UPC 02384</b>

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

# PONDMASTER®



AND

**ProLine™**

## NEW PRODUCTS



# PONDMASTER® DO-IT-YOURSELF POND KITS

These "All You Need" kits are designed for homeowners looking to create small waterscape installations that can easily be completed in a summer weekend. The kits contain all the necessary pieces and parts for either a self-contained waterfall with no pond or a complete waterfall and pond.

## COMPLETE DO-IT-YOURSELF WATERFALL KIT - UPC 05250

### INCLUDES:

- UPC 02465 - Mini Pump Vault
- UPC 02477 - Small Waterfall with 8" Wide Spillway
- UPC 02527 - 700 GPH Magnetic Drive Waterfall Pump
- UPC 02122 - 8' x 12' PVC Liner
- 3/4" x 15' Smooth PVC Tubing
- Clamps and Connectors (not shown)



## COMPLETE DO-IT-YOURSELF DELUXE WATERFALL KIT - UPC 05255

### INCLUDES:

- UPC 02465 - Mini Pump Vault
- UPC 02467 - Small Waterfall with 11-1/4" Wide Spillway
- UPC 02722 - 1200 GPH Magnetic Drive Pump
- UPC 02122 - 8' x 12' PVC Liner
- 1" x 25' Smooth PVC Tubing
- Clamps and Connectors (not shown)



## COMPLETE DO-IT-YOURSELF POND KIT - UPC 05275

For the creation of ponds up to 750 Gallons

### INCLUDES:

- UPC 02450 - Mini Skimmer with Coarse Filter, Filter Basket, Fittings
- UPC 02468 - Small Waterfall with 11-1/4" Wide Spillway, Biomatrix Filter Material
- UPC 02720 - 950 GPH Magnetic Drive Pump
- 1" x 25' Smooth PVC Tubing
- Clamps and Connectors (not shown)



## PROLINE PROFESSIONAL INSTALLER POND KITS

Recommended for professional installation only, these three kits come complete with all the necessary parts and fittings for a medium-size pond. Design a water garden around these kits and just add rocks, plants and water.

### PROLINE 3000 WATERFALL KIT

For a Continuous, Self-Contained Waterfall or Stream

UPC 02495

#### INCLUDES:

- UPC 02460 - Pro 4800 Pump Vault with Auto-Fill
- UPC 02480 - Pro 3000 Biological Filter and Falls
- UPC 02650 - 2000 GPH Magnetic Drive Waterfall Pump
- UPC 12435 - 1-1/2" x 25 ft. PVC Flexible Tubing
- UPC 02139 - Pond & Waterfall Black Foam, 20 oz. (not shown)
- UPC 02863 - OxyScrub, 2 lbs. (not shown)
- 12' x 15' EDPM Liner & Underlay (not shown)



### PROLINE 3750 PLUS KIT ALL IN ONE BOX

Complete Waterfall/Pond Kit

UPC 05120

#### INCLUDES:

- UPC 02475 - Pro 5000 Skimmer
- UPC 05040 - P-4000 Pressurized Filter Unit
- UPC 02490 - Pro 5000 BioMatrix Filter and Falls with Upflow Grate
- UPC 02670 - Pro HY-Drive 4800 GPH Pump
- UPC 12435 - 1-1/2" x 25 ft. PVC Flexible Tubing
- UPC 12440 - 2" x 25 ft. PVC Flexible Tubing
- UPC 02139 - Pond & Waterfall Black Foam, 20 oz. (not shown)
- UPC 02865 - Pond Fix, 9 oz. (not shown)
- UPC 12485 - 2" Quick Disconnect Kit (not shown)
- UPC 15015 - Valved Bypass Kit for Pressurized Filters (not shown)
- 20' x 25' EDPM Liner & Underlay (not shown)



### PROLINE FOAM 3750 PLUS KIT ALL IN ONE BOX

Complete Waterfall/Pond Kit

UPC 05122

#### INCLUDES:

- UPC 02474 - Pro 5000 Skimmer with Foam Prefilter
- UPC 05040 - P-4000 Pressurized Filter Unit
- UPC 02492 - Pro 5000 Biological Filter and Falls with Foam & Upflow Grate
- UPC 02670 - Pro HY-Drive 4800 GPH Pump
- UPC 12435 - 1-1/2" x 25 ft. PVC Flexible Tubing
- UPC 12440 - 2" x 25 ft. PVC Flexible Tubing
- UPC 02139 - Pond & Waterfall Black Foam, 20 oz. (not shown)
- UPC 02865 - Pond Fix, 9 oz. (not shown)
- UPC 12485 - 2" Quick Disconnect Kit (not shown)
- UPC 15015 - Valved Bypass Kit for Pressurized Filters (not shown)
- 20' x 25' EDPM Liner & Underlay (not shown)



## PLAN-O-GRAM CATALOG

Contact your dealer for a copy



## PROLINE HY-CAP PUMPS

These pumps are specifically designed for large pond or waterfall installations. They employ updated, efficient traditional direct drive technology and rugged all metal cases. For big waterfalls requiring high head height, choose the UPC 02590. For high volume water flow, choose UPC 02595.

### 02590 FEATURES

- Direct-Drive
- Energy-Efficient for Output Produced – Under 800 Watts, Less than 7 Amps
- Works Well When Restrictive Plumbing is a Factor – Produces Higher Pressure Output
- Good for Large Fountain, Water Displays

### 02595 FEATURES

- Axial-Flow
- Energy-Efficient, High Volume Pump, Uses Less than 7 Amps of Power
- Extremely High Volume, Works Best in Unrestricted Plumbing Applications.



HY-Cap Pump	UPC 02590
Max. Flow Rate	4500 GPH
Shutoff	40'
Outlet	2"

HY-Cap Pump	UPC 02595
Max. Flow Rate	12,000 GPH
Shutoff	Approx 10'
Outlet	3"

## PONDMASTER MESH PUMP BAGS

These rugged mesh bags are designed to hold pumps in either horizontal or vertical orientation. Used in skimmers or independently as a mechanical pre-filter in open pond applications. Available in two sizes.

### FEATURES

- Rigid Mesh Bag Protects Pump from Harmful Debris
- Two Bag Sizes Accommodate Most Popular Pump Sizes
- Sturdy Mesh is Sized to Be Both Tear and Clog Resistant
- Bags are Extra Tall to Extend Above Water Level in Most Skimmers - No Need to Tie-Off Top of Bag



18" x 24" Pump Bag	UPC 12315
24" x 26" Pump Bag	UPC 12320

## PONDMASTER NETS

We are offering three new telescoping pond nets.

They are specifically designed for Koi, surface skimming, and general all-purpose use and are available on a POP display containing 12 each of the three styles and as open stock for re-ordering.



### FEATURES

- Heavy Duty Aluminum Construction
- Telescoping Handle - to 6-1/2'
- Soft, Fish-safe Nylon Netting
- Sure-Grip Handle

Koi Net	UPC 02136
All Purpose Net	UPC 02135
Skimmer Net	UPC 02134
Net Display	UPC 25021
12 Koi , 12 Skimmer, 12 All Purpose	

## PROLINE MINI VAULT

The Pro2000 Mini Pump Vault is a scaled down version of our well-received Pro4800 Pump Vault. This rugged unit will accommodate pumps with capacities up to 1800 GPH.

### FEATURES

- Acts as a Pre-Filter to Protect Submerged Pump Intakes from Getting Clogged with Gravel or Debris
- Built of Rugged, Weather-Resistant Polyethylene Plastic
- Horizontal, Hooded Intake Slots from Bottom to Top Resist Clogging and Sedimentation
- Buttressed to Withstand Backfilling Without Warping or Collapsing
- Reinforced, Extra Large Lid Provides Access, Fits Tight to Keep Gravel Out
- Works Great for free Standing Fountains, Endless Streams and Waterfalls
- Pre-Bored for 1-1/2" and 2" Pipe with Port for Auto Fill Valve



Pro Mini Pump Vault

UPC 02465

## PROLINE MINI SKIMMER

Scaled down compact version of our successful ProLine Skimmer, this unit can be installed either inside the pond liner or through the liner. Designed for small ponds up to 1000 gallons and pumps from 700 -1800 GPH. Comes complete with filter material, debris basket, and all fittings.

### FEATURES

- Rugged Molded Polypropylene box
- Coarse Polyester Debris Filter Material
- Convenient Filter Basket



ProLine Mini Skimmer

UPC 02450

## DEBRIS FILTER PADS

Coarse, polyester pads are perfect debris filters for skimmers and waterfall boxes. Available in 5 sizes.

Filter for Pro5000 Skimmer (02474)	UPC 12451
Filter for Pro1000 Filter and Falls (02479)	UPC 12453 (Not Shown)
Filter for Pro2000 Filter and Falls (02469)	UPC 12457 (Not Shown)
Filter for Pro3000 Filter and Falls (02482)	UPC 12459 (Not Shown)
Filter for Pro5000 Filter and Falls (02492)	UPC 12461



## PROLINE WATERFALLS AND BIOLOGICAL FILTER AND FALLS

Available in four sizes either as a straight waterfall box or as a biological filter and falls. The Filter and Falls can be ordered with coarse polyester filter material or with our BioMatrix filtering material.

### FEATURES

- Extra-Wide Spillway for Greater Water Aeration
- Open Swirl Chamber for Even and Efficient Water Flow through the Filter Media
- Mechanical and Biological Filtering for Super-Clean Water
- Easily Buried in Ground to Hide Canister from Sight
- Extra-Large Capacity Designed to Increase Biological Filtration
- Clean Once a Year Under Normal Use

#### Pro1000 Waterfall Box, No Media UPC 02477

Unit Dimensions 12" L x 9" W x 7" H  
Waterfall Width 8" Opening

#### Pro1000 BioMatrix Filter and Falls UPC 02478

Unit Dimensions 12" L x 9" W x 7" H  
Waterfall Width 8" Opening

#### Pro1000 Biological Filter and Falls with Debris Filter UPC 02479

Unit Dimensions 12" L x 9" W x 7" H  
Waterfall Width 8" Opening

#### Pro2000 Waterfall Box, No Media UPC 02467

Unit Dimensions 15" L x 12" W x 9" H  
Waterfall Width 11-1/4" Opening

#### Pro2000 BioMatrix Filter and Falls UPC 02468

Unit Dimensions 15" L x 12" W x 9" H  
Waterfall Width 11-1/4" Opening

#### Pro2000 Biological Filter and Falls with Debris Filter UPC 02469

Unit Dimensions 15" L x 12" W x 9" H  
Waterfall Width 11-1/4" Opening

#### Pro3000 Waterfall Box, No Media UPC 02481

Unit Dimensions 18" L x 16" W x 10" H  
Waterfall Width 16" Opening

#### Pro3000 BioMatrix Filter and Falls UPC 02480

Unit Dimensions 18" L x 16" W x 10" H  
Waterfall Width 16" Opening

#### Pro3000 Biological Filter and Falls with Debris Filter UPC 02482

Unit Dimensions 18" L x 16" W x 10" H  
Waterfall Width 16" Opening



#### Pro5000 BioMatrix Filter and Falls with Upflow Grate UPC 02490

Unit Dimensions 25" L x 18" W x 17" H  
Waterfall Width 18" Opening

#### Pro5000 Biological Filter and Falls w/Upflow Grate and Debris Filter UPC 02492

Unit Dimensions 25" L x 18" W x 17" H  
Waterfall Width 18" Opening

## ProLine HY-DRIVE PUMPS

### Submersible/Inline Pump for Water Gardens, Ponds & Aquariums

#### FEATURES

- Powerful, Efficient Hybrid Magnetic/Direct Drive Motor
- Extremely Low Energy Use
- Whisper-Quiet Operation
- Specifically Designed for Use with Skimmers, Waterfalls, Aquariums
- Fish-Safe Because No Oil is Used
- Continuous Duty Operation
- Integrated Filter Case for Clog-Resistant Operation
- Extra Long 20' Power Cord with Grounded Plug
- Convenient Carry Handle
- Inline and Submersible Operation
- **2 YEAR WARRANTY**

#### 1600 HY-Drive Pump UPC 02663

Max. Flow Rate 1600 GPH  
Max. Pumping Height 17'  
Current 1.0 A/120 Watts

#### 2100 HY-Drive Pump UPC 02665

Max. Flow Rate 2100 GPH  
Max. Pumping Height 22.5'  
Current 1.5 A/190 Watts

#### 2600 HY-Drive Pump UPC 02667

Max. Flow Rate 2600 GPH  
Max. Pumping Height 26.5'  
Current 2.2 A/270 Watts

#### 3200 HY-Drive Pump UPC 02680

Max. Flow Rate 3200 GPH  
Max. Pumping Height 12'  
Current 1.6 A/200 Watts

#### 4000 HY-Drive Pump UPC 02675

Max. Flow Rate 4000 GPH  
Max. Pumping Height 13'  
Current 1.9 A/230 Watts

#### 4800 HY-Drive Pump UPC 02670

Max. Flow Rate 4800 GPH  
Max. Pumping Height 18.5'  
Current 2.0 A/250 Watts

#### 6000 HY-Drive Pump UPC 02683

Max. Flow Rate 6000 GPH  
Max. Pumping Height 22.5'  
Current 5.5 A/675 Watts



**316 STAINLESS STEEL ROTOR FOR GREATER CORROSION & WEAR RESISTANCE**

#### PUMPING SPECIFICATIONS FOR ALL PROLINE HY-DRIVE PUMPS

HY-DRIVE MODEL	ITEM#	NOMINAL	AMPS	WATTS	GPH AT 0'	GPH AT 1'	GPH AT 3'	GPH AT 5'	GPH AT 7'	GPH AT 10'	GPH AT 15'	GPH AT 20'	GPH AT 25'	SHUTOFF
1600	02663	1600	1.0 A	120	1750	1700	1575	1400	1250	1000	375	-	-	17'
2100	02665	2100	1.5 A	190	2125	2075	1900	1750	1600	1300	850	300	-	22.5'
2600	02667	2600	2.2 A	270	2700	2550	2525	2450	2225	1975	1625	1250	300	26.5'
3200	02680	3200	1.6 A	200	3500	3300	2700	2050	1650	650	-	-	-	12'
4000	02675	4000	1.9 A	230	4300	4000	3300	2700	2350	1475	-	-	-	13'
4800	02670	4800	2.0 A	250	5100	5000	4500	3900	3150	2350	800	-	-	18.5'
6000	02683	6000	5.5 A	675	5700	5500	5100	4700	4200	3400	2450	1150	-	22.5'

HY-Drive pumps are ideal for many water garden and aquarium applications. The rugged 316 Stainless Steel Rotor assures long-lasting performance in ponds and saltwater aquariums.