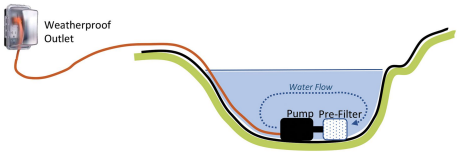
PetFoodCenter

POND BUYING GUIDE

What equipment do I need?

Simple Pond

Up to 250 gallons



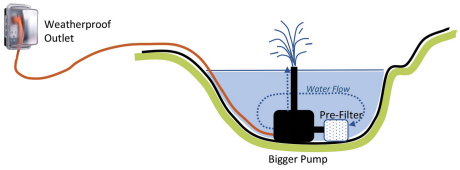
Supplies List

Pond Liner
Filter
- Mechanical
- Chemical
- And Biological

Pump
Vinyl Tubing
Plants, Rocks & Fish

Simple Pond with a Fountain

Up to 250 gallons



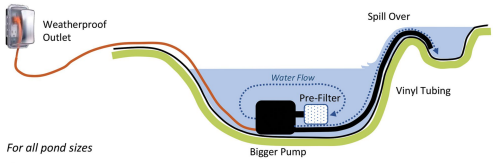
Supplies List

Pond Liner
Filter
- Mechanical
- Chemical
- And Biological

Pump with Fountain
Vinyl Tubing
Plants, Rocks & Fish

Pond with a Waterfall

Up to 250 gallons

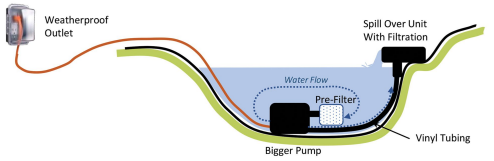


Supplies List

Pond Liner
Filter
- Mechanical
- Chemical
- And Biological

Pump
Vinyl Tubing
Plants, Rocks & Fish

For all pond sizes

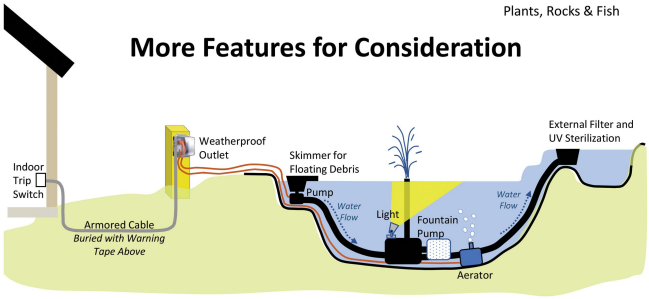


Supplies List

Pond Liner
Filter
- Mechanical
- Chemical
- And Biological

Pump
Vinyl Tubing
Waterfall Unit with External Filter
Plants, Rocks & Fish

More Features for Consideration

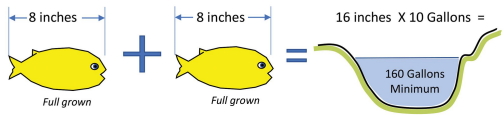


Hiring of a certified electrical contractor is highly recommended.

What size of a pond do I need?

Any size!!

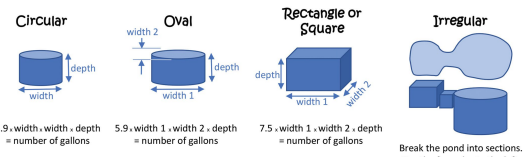
But, if you add fish, you need 10 gallons or more for each inch of fish.



*A full grown **Goldfish** can range from 6 to 14"*
*A full grown **Koi** from 12 to 36"*
Don't forget about future babies!

How many gallons of water are in a pond?

What shape is your pond? Use the formulas below to calculate gallons.



5.9 x width x width x depth = number of gallons

5.9 x width 1 x width 2 x depth = number of gallons

7.5 x width 1 x width 2 x depth = number of gallons

Break the pond into sections. Use the formulas to the left. Add up each section.

All dimensions in feet.

How big of a pump do I need?

Each gallon should be pumped through a filter once or twice per hour.

Pump Capacity to Filter Water

+ Pump Capacity to Push a Waterfall
Add
1500 x Width x Head Height

+ Capacity to Push a Fountain
Add
100 x Spout Width

Example: Let's say a pond is a 1000 gallons. Ideally, you need a pump that pumps 2000 Gallons Per Hour (GPH).

If the Width is 1 foot and the Head Height is 2 feet...
1500 x 1 x 2 = 3000 GPH

If the Spout Width is 2 inches...
100 x 2 = 200 GPH

2000 GPH + 3000 GPH + 200 GPH = 6700 GPH

What do I feed my fish?

Make your fish "pop" with color enhancing food.

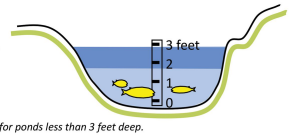
How do I keep my fish alive in the winter?

A Deep Pond
A minimum of 18 inches, but 3 feet or more is recommended.

A High Quality Diet in Warm Months
At least 4 – 5 months prior to the cold.

An Aerator
Size is based on the size of the pond.

A Heater
Floating heater. An additional sinking heater for ponds less than 3 feet deep.



What types of fish and plants are recommended?

Ornamental Fish

Goldfish

Koi

And other cold water fish.

Pond snails and Plecostomus may be added when pond is 60 – 80°F. Remove in cold weather.

Pond Plants

Water Lilies

Water Lettuce

Water Hyacinths

And countless others for the dirt surrounding the pond.

Suggestions for Southern Indiana, Kentucky and Tennessee

How do I keep algae under control?

Minimize Sun Exposure
Shade for part of the day.

Half of the Pond is Comprised of Live Plants

Surfaces for Micro Organisms
Rocks, logs, meshes and sponges.

Algaecides – but NOT in hot weather.

An Aerator

Filtration

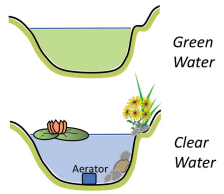
Ultraviolet Sterilizer

High Quality Fish Food

No Overcrowding or Overfeeding

Pond Snails, Plecostomus, Barley Straw

Partial Water Changes



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