

FILTER CLEANING AND MAINTENANCE

When a drop in performance is noted, the need for filter cleaning is the most common reason. Cleaning intervals depend on your pond environment.

The foam filters will need replacement seasonally at minimum, and are available in various materials. See our website for details on all replacement parts.

The biological media should not be replaced if you are keeping a balanced pond. It will require cleaning of excess debris, but the beneficial bacteria remains.

The ceramic media will degrade over time and can be replaced. The two part "Snap Sealed Bio-Balls" can be opened to refill the ceramic media.

We recommend Microbe-Lift brand products to "charge up" the Filters' biological components with the beneficial bacteria necessary to convert waste and pollutants into healthy by-products that further support a balanced pond.

If you are placing the filter in a hard to access part of the pond, we suggest attaching a natural jute string to the unit to aid in adjustments and maintenance.

1. Rinse foam filter pads with clean water outside of pond.
2. Filter pads that are hard to clean should be replaced.
3. Clean the bio-media by rinsing with clean water outside the pond.
4. Cleaning agents or chemicals should not be used.
5. If storing the filter for winter, it should be dry and clean. Recharge the filter with beneficial bacteria for start up in the spring.

LIMITED WARRANTY

This item is warranted to the original user against defective materials and workmanship for a period of 12 months. Warranty does not cover replaceable filter materials such as foam or bio media. Our limited warranty does not cover any costs associated with the installation or removal of products subject to warranty claims or the cost of return of the item. The warranty will commence from the date of purchase. Replacement liability is limited to any part or parts of the unit which have failed due to defective material or workmanship. Proof of purchase is required for all claims against the limited warranty. This warranty does not extend to damage of the product or part resulting from accident, misuse, alteration, neglect, abuse, improper installation or normal wear and tear to the product(s). This limited warranty extends only to the original user of the product.

For more information on this and other products, please visit our web site:

www.angelodecor.com

To contact us regarding this unit, your options include:

Email: customersupport@angelodecor.com | Phone: (780) 453 - 6646 | Fax: (780) 453- 6620

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POND FILTER BOX 1500 AD46500

COMPONENTS

01. Snap-On Filter Box Cover
02. Black Coarse Foam Mechanical Filter
03. Blue Fine Foam Mechanical Filter
04. Ceramic Media inside Bio Balls
05. Two Part Snap Sealed Bio Balls (18)
06. Bagged Rock Bio Media
07. Bottom Tray
08. 1" Filter Output
09. 20" length of 1" Flexible Tubing
10. 1" Male Pump Connection
11. Female Pump Connector
12. Large Pump Connector

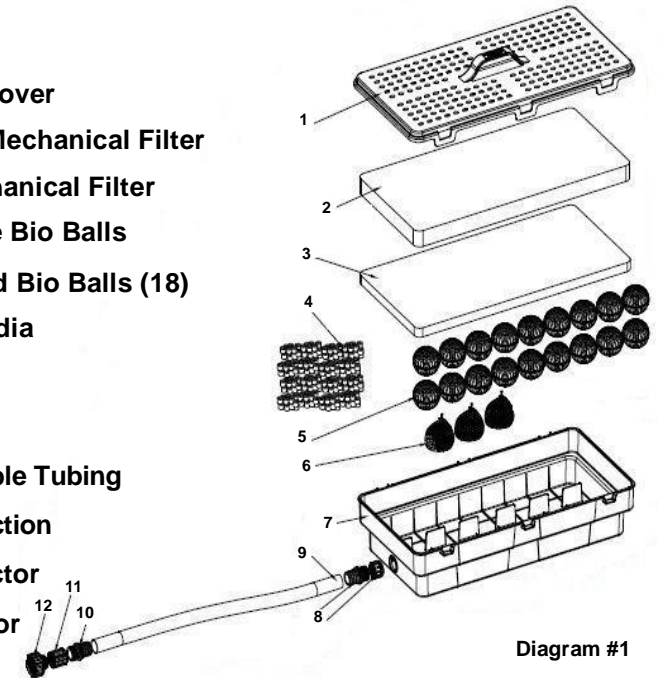


Diagram #1

INTENDED USE:

This Filter Box is designed for **use fully submersed at the bottom of a pond**, offering both mechanical and biological filtration.

Please be advised that ANY filtration system is intended to be a part of a balanced pond environment, and is not intended to cure algae or other pond problems on its own.

This guide outlines the methods we recommend when using the Filter Box with our **Pro-Grade Pond Building Series™ Pumps** (sold separately), however this item can be used with virtually any pump with a flow rate from 500gph up to 1500 gallons per hour.

Diagram #1 above will assist in ordering **replacement filter parts**, as well as help you identify the components required to achieve the filtration applications described below.

QUESTIONS? REPLACEMENT PARTS?

PLEASE DO NOT RETURN THIS PRODUCT TO THE STORE.

Visit our website (www.angelodecor.com) for more information and videos on how to assemble and properly use your product.

! IMPORTANT SAFETY INFORMATION:

Inspect before use for any damage to the unit. Any damage or missing parts should be reported immediately and before attempting use.

Failure to follow these instructions and warnings may lead to product damage or personal injury of which Angelo Décor International Inc. will not be held liable.

1. NEVER leave children unsupervised or out of sight around ANY pond environment.
2. Always unplug power from pumps or other electrical devices BEFORE putting hands in water, or if service and maintenance is performed.
3. Always use properly grounded (GFCI) electrical equipment and a drip loop on any power cords to prevent water from travelling along the cord.
4. Do not lift the Filter Box out of the pond using the tubing or pump cord.
5. Item is intended for use with fresh water only. Do not use with flammable materials.
6. Do not use with pumps with a rating larger than 1500gph as the filter may limit flow rate causing heat buildup and potential pump failure.

FILTER FEATURES AND CAPACITY

Intended for use on pond bottom, filter is effective for ponds up to 1500 gallons that have a balance of features and are located in an ideal environment.

Environments with full sunlight and / or heavy fish or plant counts, will require more frequent cleaning and affects the capacity of the filter.

Our Recommended Pond Size Guidelines:

More than 6" of fish per square foot – 1200 Gallon Maximum

Shallow Ponds (Less than 2' water depth) – 1350 Gallon Maximum

If you have a larger environment than described above, we suggest addition filtration components, such as our waterfall weir filter, be used in combination with this item.

POND HEALTH TIPS BEFORE INSTALLATION

For best results functional (plants and fish) ponds should not be exposed to full sun, and have sufficient plant cover to promote a balanced environment.

Overfeeding fish is the #1 contributor to pond problems, and should be avoided.

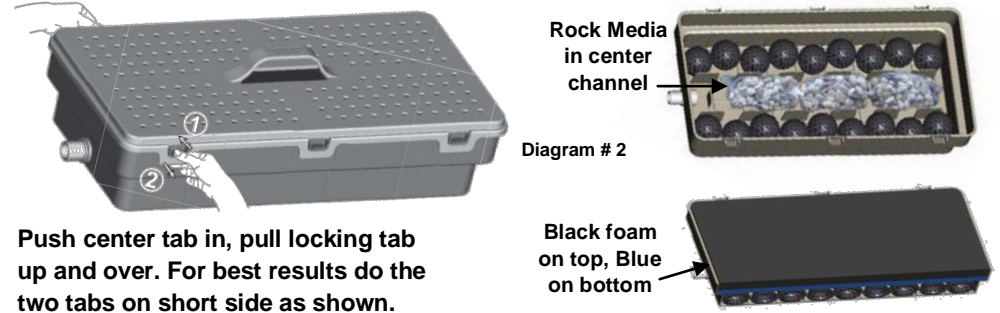
We recommend Microbe-Lift brand products to “charge up” the Filters’ biological components with the beneficial bacteria necessary to convert waste and pollutants into healthy by-products that further support a balanced pond.

Choose an area for your filter that takes advantage of its “low profile” to hide the unit and fittings, and creates a uniform flow throughout the pond.

If placing filter in a hard to access area of the pond, we suggest attaching a natural jute string to the unit handle to aid in adjustments and maintenance.

ASSEMBLY AND USAGE INSTRUCTIONS

The inside of unit is fully preassembled and ready for connection to the pump of your choice. To open the unit for inspection or maintenance:



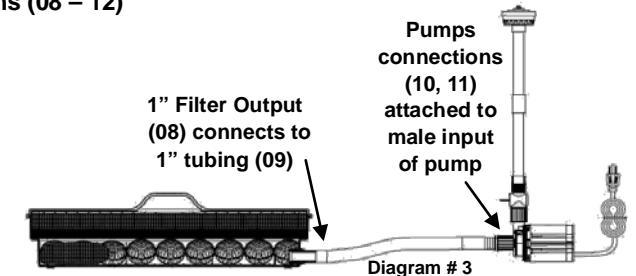
CONNECTION TO PRO-GRADE 600, 800, AND 1000gph Pumps:

Using Outputs and Connections (08 – 12) outlined in diagram #1, connect filter box to pump.

PLEASE NOTE:

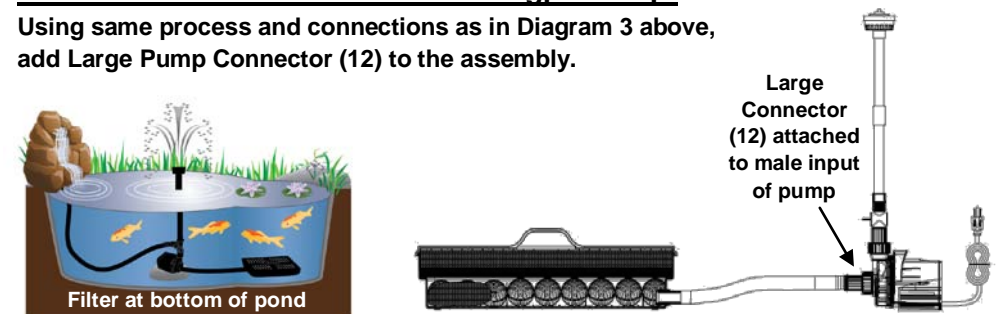
If using with pumps other than Pro-Grade

Pumps indicated above that include female pump connections, or input sizes other than 1”, additional plumbing supplies may be required.



CONNECTION TO PRO-GRADE 1500gph Pump:

Using same process and connections as in Diagram 3 above, add Large Pump Connector (12) to the assembly.



Place completed assembly at bottom of pond, in a place that will create uniform flow through the pond, away from any obstructions that may affect the intake of the unit.