

# BioMaxx™

ADVANCED MULTI-STAGE FILTRATION

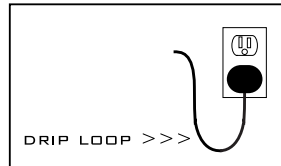


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 City of Industry, California  
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- WARNING!** Do not immerse filter in water! To guard against injury, electric shock, and/or fire, basic safety precautions must be observed, including the following:

## REVIEW AND FOLLOW ALL SAFETY INSTRUCTIONS!

- DANGER!** To avoid possible electric shock, special care should be taken since water is employed in the use of aquatic equipment. For each of the following situations, do not attempt repairs by yourself; return the appliance to an authorized service facility for service or discard the appliance:
  - If the filter falls into water, **DO NOT REACH FOR IT!** Power must be disconnected prior to retrieval. If the electrical components of the filter get wet, disconnect filter from the electrical receptacle immediately.
  - If the filter shows any abnormal signs of behavior, unplug the filter immediately.
  - Carefully examine the filter after installation. The filter should not be plugged in if the power cord is damaged or if there is water on components that should not be wet.
  - Do not operate the filter if there are signs of damage due to transit or if the filter has been dropped.
  - A drip-loop must be used to avoid possibility of the plug or electrical receptacle getting wet. Position the aquarium and cabinet to one side of the electrical receptacle to prevent water from dripping on the receptacle. A drip-loop is suggested for each cord connected to an aquatic appliance. If the receptacle does get wet, **DO NOT UNPLUG THE CORD.** Instead, disconnect the fuse or circuit breaker that supplies power to the filter/receptacle.
  - It is highly suggested that all aquatic equipment employ the use of a GFCI (ground fault circuit interrupter) enabled receptacle or an inline GFCI.
- Minimum age requirement to install, maintain, or operate this filter is **18+** years of age. Never allow small children to touch or play with this filter. Close supervision is required when any electrical device is used by or near children.
- Always unplug the device from the receptacle when appliance is not in use, prior to removal, installation, or maintenance. Never yank the power cord! Grasp the plug and pull to disconnect.
- Do not use this filter for other than its intended use. Do not use attachments or accessories not recommended or sold for use with this filter.
- This filter is intended to be used indoors. Do not store or operate this filter where it will be exposed to weather or in extreme temperatures (freezing).



- The filter is designed to operate while filled with water. If the filter runs "dry" over an extended period of time, the motor should be examined to determine if its plastic surfaces have warped or melted. If so, replace the motor.
- Read and observe all important notices on the filter. Make sure the filter is securely installed before operating it.
- If an extension cord is necessary, a cord with a proper rating should be used in conjunction with a GFCI enabled outlet. Extensions rated for less amperes or watts than the appliance will overheat. Arrange the cord so that it will not be exposed to moisture, tripped on, or yanked from receptacle. Never use an extension cord unless plug can be fully inserted. Do not attempt to defeat or bypass cord safety features.
- This filter is intended for indoor, household use only. To avoid injury, do not touch hot or moving parts.

## ADDITIONAL SAFETY INFORMATION TO ENSURE SAFE AND OPTIMAL OPERATION

- RISK OF ELECTRIC SHOCK OR INJURY!** Always unplug filter prior to performing any type of maintenance. Never submerge this filter or place in areas of high heat.
- Always observe proper maintenance to ensure optimal performance and operation.
- HANDLE WITH CARE!** Always handle this appliance with care to avoid personal injury. Never attempt to lift or move this pump with wet hands.
- Keep this pump in a well-ventilated area away from heating or cooling vents. Do not place near objects or equipment that generate heat.
- Do not place near flammable substances of any kind or near electronic components and systems (stereo systems, televisions, etc.).
- BioMaxx Power Filters are not recommended for use with aquariums that have sand on the bottom.

# Installation:

1. Lift the filter cover and remove the strainer tube and the adjustable leveler stand-off from the main cartridge compartment. Install the adjustable leveler stand-off to the base of the filter box and the strainer tube to the end of the intake-tube assembly.
2. Hang the filter on the rear wall of the aquarium rim and rotate the adjustable leveler stand-off until the filter box is level with the aquarium (Note: There should be at least a one-inch clearance between the bottom of the strainer tube and gravel).
3. Fill the filter compartment with water until it overflows into the cartridge compartment.
4. Install the filter cover and connect power using a drip-loop at the end of the cord. The filter should start automatically within 30-seconds. If the filter does not start, slide the intake-tube assembly up and down with one or two strokes.
5. Adjust flow via the control valve located at the top of the intake-tube assembly.

# Additional Operation Tips:

- a. At feeding time, reduce flow using control valve. This will help prevent the filter from overloading with food. It will also extend the life of the BioMaxx cartridge.
- b. Clean the filter or its parts using only warm water. Do not use detergents or soap as they may be harmful to fish.
- c. When use of medication is required, remove the cartridge as it absorbs/filters most medications.
- d. If the filter is noisy, lift the intake-tube assembly momentarily while the filter is running and reinstall. Wait one minute and repeat as necessary. Trapped air bubbles are an additional source of noise; they will dissipate overnight.

# Maintenance:

**Cartridge Changes:** When water flows excessively from the intake-tube chamber into the aquarium, it is time to change the BioMaxx filter cartridge. The cartridge should be changed once per month to prevent backflow and avoid filtration problems resulting from a clogged cartridge.

**Cleaning Intake-Tube Assembly:** Unplug power cord and remove filter box cover. Lift the intake-tube assembly out of filter. Remove magnet impeller assembly. Clean all parts under running water. If needed, use a filter stem spring brush (available at your dealer). The flow control valve can be removed to aid in cleaning. Before replacing the knob, wet its "o-ring" with water, or coat the surface of the o-ring with a small amount of non-medicated petroleum jelly.

**Motor Maintenance:** CAUTION: Only remove the motor when absolutely necessary. Unplug power cord, empty filter box, and place it upside down on a flat surface. Grasp motor with one hand and filter box with the other. Gently turn motor counter-clockwise until its sidewall is parallel to the raised line on the bottom of the filter box. Hold filter box with one hand and gently pull/tilt the motor until free. Clean inside of motor well with a cotton swab. Do not use a metal instrument of any kind. Before replacing motor, wet the "o-ring" with water, or coat its surface with a small amount of non-medicated petroleum jelly. Replace motor and fill filter box with water. Check to be sure that motor is seated properly and does not leak. Re-install filter.

# Troubleshooting:

If the filter doesn't start, lift the intake-tube assembly out of the filter and remove the magnet impeller assembly located inside the motor. Use tweezers to remove any stringy or hair-like material that may have twisted around the shaft. Hold the assembly by its endcaps and try to spin the magnet. If the magnet doesn't spin freely, rinse under a jet of tap water to "unlock" it. Now hold the magnet and try to spin the impeller one turn in either direction. If the impeller doesn't spin freely, rinse under a jet of tap water to "unlock" it. If rinsing doesn't free up the magnet or impeller, replace the impeller assembly. If you've replaced the assembly and the filter still won't start, it is possible the carbon or aquarium gravel may have lodged at the bottom of the motor well. Slide the intake-tube assembly up and down in the filter box (with water still in it). If this doesn't work, unplug the filter and empty it in your sink. Insert a drinking straw—not a metal instrument—into the motor well and try to break up any sediment. Rinse the motor well and re-assemble the filter. To determine if the motor is functioning, plug it into an electric outlet and hold the Magnet Impeller Assembly against its outside wall. If you feel a magnetic attraction, the motor is functional. If not, replace the motor.

## WARRANTY REGISTRATION CARD OWNER INFORMATION

NAME: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ POSTAL CODE: \_\_\_\_\_  
COUNTRY: \_\_\_\_\_  
EMAIL ADDRESS: \_\_\_\_\_  
HOME PHONE NUMBER: \_\_\_\_\_  
WORK PHONE NUMBER: \_\_\_\_\_  
CELL PHONE NUMBER: \_\_\_\_\_

### PRODUCT INFORMATION

DATE OF PURCHASE: \_\_\_\_\_  
PRODUCT DESCRIPTION: \_\_\_\_\_  
PRODUCT ID NUMBER: \_\_\_\_\_  
PRODUCT BARCODE NUMBER: \_\_\_\_\_  
NAME OF RETAILER OUTLET WHERE PURCHASE WAS MADE: \_\_\_\_\_  
RETAILER OUTLET'S ADDRESS: \_\_\_\_\_  
CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ POSTAL CODE: \_\_\_\_\_  
RETAILER OUTLET'S PHONE NUMBER: \_\_\_\_\_  
PURCHASE PRICE: \_\_\_\_\_

I, \_\_\_\_\_, hereby affirm that all of the above information given is true and correct, that I have read and agree to the terms and conditions of the product warranty, and that any falsified information, omissions, and/or misinterpretations on this warranty registration card may void any and all warranty rights.

PRINT NAME: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

Please Note: A copy of the original sales receipt is required for warranty activation and eligibility. Please attach a copy of the original sales receipt along with the warranty registration card.

### One-Year Manufacturer Limited Warranty

There is a one-year limited warranty for all registered owners. The product is guaranteed against defects in material and workmanship for one year from the date of original purchase. Normal wear and tear is not covered under warranty and this warranty is limited to the replacement of the filter only. Warranty does not cover loss of fish, personal injury, property loss, or damage arising out of the use of this product. Rubber components are not covered under warranty.

### Terms and Conditions

For one year from the original date of purchase, Deep Blue Professional warrants to ONLY the original purchaser of this product against manufacturer defects under examination by warrantor. The warranty is limited to replacement and/or repairs, at warrantor's option, of any defective parts or improper assembly of this product. Any modifications to this product shall void this limited warranty. The limited warranty on all replacements or repairs under warrantor's option is limited to the original one-year term commencing on the date of original purchase.

### Exceptions

The one-year limited warranty does not apply to damages caused by the misuse or abuse of this product by the original purchaser or any third party, such misuse or abuse includes but is not limited to the use of this product other than for its original purpose. Any modifications, alterations, or an attempt to repair this product by the original purchaser or any third party voids any and all warranties. Any and all defects discovered after one year from the date of original purchase shall exempt warrantor. Warrantor is not responsible for consumer negligence and/or any third party involved. THIS WARRANTY IS NONTRANSFERABLE.

### DISCLAIMER

Neither Deep Blue Professional nor its affiliates are liable for indirect, incidental, punitive, and/or consequential damages of any nature including, but not limited to, loss of profits, loss of life, personal injury, property damage, revenue, damage to equipment, and/or lost wages, income, profits, and/or savings arising out of or in connection with the use of any Deep Blue Professional products. Deep Blue Professional is not responsible for consumer negligence. Deep Blue Professional recommends that operators and users of Deep Blue Professional products ensure that the intended use does not violate Federal, State, or Local laws.

*Please Note: Some states and jurisdictions do not allow for the exclusion or limitation of incidental or consequential damages, so this limitation and exclusion may not apply to you. Check your local state regulations for details on specific state regulations.*

### Registration Required

The product described above must be registered with Deep Blue Professional to be eligible for warranty benefits. To register, original product owner must complete and submit this warranty card to Deep Blue Professional within thirty (30) days of product purchase for the product to be eligible for warranty benefits. Unregistered products will not be eligible for warranty. If product owner does not complete and submit this warranty card within thirty (30) days of purchase, product owner waives any warranty provided by Deep Blue Professional and thereby releases Deep Blue Professional from any and all obligations and/or warranties associated with the above described product.

### Procedure:

1. Clearly write the warrantor-provided return authorization number on the exterior of the shipping box.
2. Return the product to the manufacturer with the following: a. Copy of the original warranty registration card; b. Copy of the original sales receipt; c. Original sales packaging and all accessories included; d. Warranty owner's address, contact information, and email address; and e. A clear and detailed explanation of the return. PLEASE NOTE: Products returned without return authorization numbers will be refused and may be disposed of at warrantor's discretion. In the event that Deep Blue Professional discovers that the product returned for warranty repair falls outside the parameters of the limited warranty, the warranty owner will be contacted by our staff for alternative options. These options may include repairs at owner's expense, disposal of product, and/or return of product without repair or replacement at owner's expense. Send Warranty Card To: Deep Blue Professional, P.O. Box 93171 City of Industry, CA 91715-3171