

AQUATOP 1 YEAR LIMITED WARRANTY

Products are guaranteed by AQUATOP® Aquatic Supplies to the original purchase against defective material and workmanship under normal use for a period of 1 year from the date of the original purchase through an Authorized Aquatop Reseller.

Products have no warranty if:

- 1.) The product has been serviced, modified or tampered with by anyone other than AQUATOP Aquatic Supplies,
- 2.) The product has been abused or damaged (including broken or cracked bulbs), and/ or
- 3.) The product has been transported without proper packaging,
- 4.) The product was purchased from an Unauthorized Reseller.

Note: All sales from Amazon and Ebay (regardless of seller) do not qualify for any warranty coverage. Please see www.aquatop.com for more information.

AQUATOP EXCLUSIVE 1 + 1 EXTENDED WARRANTY

The additional 1 Year Extended Warranty applies when you REGISTER online with Aquatop. Register your Extended Warranty at www.aquatop.com

Note: Extended warranty is available for qualifying products. See www.aquatop.com for a list of qualifying products.

- 1.0. Terms and Conditions of Guarantee.
- 1.1. Aquatop warrants to the purchaser, for 1 Year from date of original purchase through an Authorized Aquatop Reseller, to repair or replace goods where fault is found due to defective materials or faulty workmanship and where goods do not operate in accordance with the instructions.
- 1.2. All claims for repair or replacement must be made at place of purchase.
- 1.3. The original and dated Proof of Purchase (receipt) must be supplied with all goods claims. Please also provide this Guarantee where possible.
- 1.4. The Guarantee covers the Aquarium against gluing breakdown resulting in leakage.
- 1.5. All goods subject to claim under Guarantee should be prepared for transportation in the original packaging or other comparable packaging which offers the same degree of protection.
- 1.6. Where goods are repaired or replaced under Guarantee, these goods are Guaranteed for the remainder of either the original Guarantee or Extended Guarantee period.
- 1.7. Where claims on inspection reveal goods are in normal working order, Aquatop will request reimbursement of all reasonable costs incurred.

WARRANTY LIABILITY DISCLAIMER

In no event will Aquatop® be liable for any consequential or incidental damages, including but not limited to, lost sea life, personal injury, property damage, equipment damage, lost profits, lost wages, lost savings, lost income, etc., arising out of the use of any Aquatop products.

For more information on tank health and maintenance as well as other products carried by Aquatop, visit our website: www.aquatop.com

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V1 /2019

 AQUATOP

 AQUATOP®
MAXFLOW®
POWER HEAD



MaxFlow Power head Manual V1/2019

OWNER'S MANUAL

INTRODUCTION

Aquatop's MaxFlow Series of Power Heads run efficiently and quietly while providing superior water movement in aquariums, preventing stagnant water conditions. The optional venturi airline and regulator allows for precise water aeration, and each unit includes an optional flexible hose so that the power head can be used as an external pump for additional filtration. The MaxFlow Power Heads are ideal for powering under gravel filtration systems, or they can be easily fitted with our CAF Sponge Filters (PH8/16/22 models only) for medium to large breeding tanks. Aquatop's MaxFlow Power Heads are great for use in both Freshwater and Saltwater aquarium systems.

FEATURES:

- Fully Submersible
- Suitable for both freshwater and saltwater use
- Provides ideal and vital water movement for reef aquariums
- Constructed of high strength / impact abs
- Ideal design for running under gravel filters or sponge filters
- Includes optional venturi airline and regulator to aerate water
- Includes optional hose to connect to an external filter

READ ALL SAFETY INSTRUCTIONS BEFORE USE

WARNING

To guard against injury, basic safety precautions should be observed, including the following:

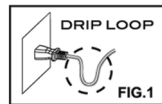
DANGER

To avoid possible electric shock, special care should be taken since water is employed around the use of this product. For each of the following situations, do not attempt to repair yourself: return the appliance to an authorized service facility for service or discard the appliance.

NOTE: It is your sole responsibility to verify that the plug and the receptacle are clean and free of moisture and salt buildup at all times. The receptacle must be free of water, salt, calcium, magnesium and dust. Failure to do so can cause fire, damage to property, and permanent damage to the product and personal injury not limited to loss of life.

NOTE: Before installing the unit, check for any signs of damage to the device. If there are any signs of damage to the device, power cable or plug, do not use and return to place of original purchase.

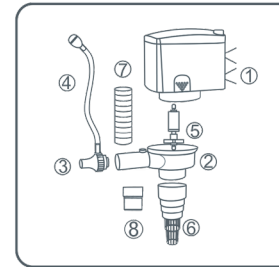
1. Read and follow all instructions.
2. A drip loop must be used with all electrical aquarium devices. A drip loop is a self-made part of the cord hanging below the receptacle (See fig. 1)
3. A GFCI (Ground Fault Circuit Interrupter) should be used in the branch circuit supplying all power to water pumps and electrical aquarium equipment. If you do not have a GFCI, we strongly recommend having a qualified electrician install one prior to operating any aquarium component.
4. Do not plug into extension cord/power strip.
5. Use this product for its intended purpose only.
6. Never yank or pull the cord from the electrical outlet.
7. Do not operate if the plug or wire is damaged.
8. Verify that hands are dry prior to disconnecting the power.
9. To reduce the risks of electrocution, keep all connections dry.



SAFETY INSTRUCTIONS (CONT'D)

10. For indoor use only.
11. If any of the electrical components get wet, unplug immediately.
12. Do not use soaps or detergents when cleaning the exterior surface of this device.
13. Make sure the device is completely dry before connecting.
14. Keep this product away from children

FUNCTIONS / PARTS LIST



- ① Pump Motor
- ② Impeller Cap & Return Outlet
- ③ Optional Aerator Outlet
- ④ Optional Venturi Air line
- ⑤ Impeller
- ⑥ Inlet Strainer
- ⑦ Optional Filter Tube
- ⑧ Inlet Adapter (PH8/16/22 models only)

NOTE: If you wish to connect the MaxFlow Power Head to an under gravel filter or a CAF Sponge Filter, remove the Inlet Strainer (Part #6) and install the included Inlet Adapter (Part #8). Then insert the uplift tube from the under gravel or sponge filter into the Inlet Adapter (PH8/16/22 models only).

SPECIFICATIONS

| ITEM NO. | POWER | FLOW RATE | HEAD HEIGHT | VOLT/FREQUENCY |
|----------|-------|-----------|-------------|----------------|
| PH-8 | 15W | 211GPH | 3.6FT | 110-120V/60Hz |
| PH-16 | 25W | 343GPH | 4.3FT | 110-120V/60Hz |
| PH-22 | 35W | 475GPH | 5FT | 110-120V/60Hz |
| PH-35 | 45W | 608PGH | 8.2FT | 110-120V/60Hz |

CAF SPONGE FILTER COMPATIBILITY CHART

| PH MODEL | CAF MODEL | RECOMMENDED TANK SIZE | TUBE INNER DIAMETER |
|----------|----------------|-----------------------|---------------------|
| PH-8 | CAF-25 | Up to 25 Gals | 2cm (0.8") |
| PH-16 | CAF-40 | Up to 40 Gals | |
| PH-22 | CAF-60/180/250 | Up to 250 Gals | |
| PH-35 | n/a | n/a | n/a |