

MAINTENANCE

Note: Do not use any soaps or detergents when cleaning any part of the IF unit or filtration media. Do not use any abrasive cleaning devices that can cause damage to the unit.

When the unit shows signs of reduced water flow or the dense filter sponge becomes laden with organics or debris, use a fish safe container to rinse the dense filter sponge outside of the aquarium. Always rinse the dense filter sponge with aquarium water only.

NOTE: AquaTop recommends paying special attention when cleaning the dense filter sponge. The dense filter sponge serves as a mechanical and biological filter. If rinsed with anything but aquarium water, the beneficial bacteria populations will be compromised and potentially lost. AquaTop recommends keeping the filter sponge free from debris in order to ensure it is working at maximum effectiveness. AquaTop also recommends exposing the filter sponge to the least amount of air possible. This too can cause a loss of beneficial bacteria.

SPECIFICATIONS

Model	Tank capacity	Flow rate	Power
IF-201	Up to 10 gal	42GPH	2.5W
IF-202	Up to 20 gal	58GPH	3.5W
IF-203	Up to 30 gal	85GPH	5.5W
IF-204	Up to 40 gal	119GPH	6.5W

WARRANTY INFORMATION

AQUATOP 180 Day Limited Warranty

Products are under warranty by AQUATOP Aquatic Supplies to the original purchaser against defective material and workmanship under normal use for a period of 180 days from the date of the original purchase. AQUATOP Elite products carry a warranty of one year from the date of original purchase. 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.

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



IF SERIES

INTERNAL FILTERS

201 / 202 / 203 / 204



OWNER'S MANUAL

INTRODUCTION

Thank you for choosing AQUATOP's IF Series. These innovative and flexible internal filters help eradicate and control free-floating debris and harmful waste from aquarium water in both fresh and saltwater aquariums. Each unit includes two different sets of output fittings. The Spray Bar Return can be positioned in different directions for specific needs and the traditional Venturi Line allows concentrated flow with increased oxygenation. The largest models, IF-203 and IF-204, offer adjustable flow rates for a customizable fit. In addition, the IF Series utilizes a long-lasting, dense filter sponge for superior mechanical and biological filtration. These quiet and energy efficient devices are versatile and easy to place in any aquarium.

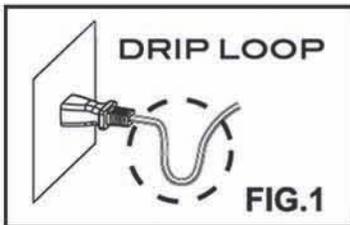
Please reference this manual for any questions and instruction for use. May AQUATOP's IF Series of internal filter serve you and your aquatic creatures well!

WARNING & SAFETY INFORMATION

Before installing the IF Series, read and follow these important warnings and safety information.

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.

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.
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 this device. Thoroughly clean and rinse with warm water and make sure the device is completely dry before connecting.
13. Keep this product away from children.

PARTS DIAGRAM



IF-203 & 204 ADJUSTABLE FLOW RATE FEATURE



INSTALLATION

1. AQUATOP recommends rinsing the unit and its accessories with clean, fresh water prior to installation. Then reassemble.
2. Choose the best suited return option and attach to the output port.
3. When installing the unit, use the suction cups to mount the unit against an aquarium wall in a vertical position. The top of the unit should sit beneath the water line of the aquarium.

NOTE: The unit has a top-mounted pump and should be fully submerged when there is power running to the unit. If the unit becomes emerged, the pump may run dry and cause a malfunction or permanent failure. This will void any warranty covered by AQUATOP or the vendor of original purchase.

INSTALLATION EXAMPLE

