AQUATOP 1 YEAR LIMITED WARRANTY

Products are guaranteed by AQUATOP® Aquatic Supplies to the original purchaseagainst 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. Registe 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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AQUATOP

AQUATOP®

MaxFlow®
DC WAVE MAKER

MaxFlow
WAVE MAKER

L Master Unit Slave Unit

M

WAVELENGTH – +

▶ – FLOW + ‖10MIN

AQUATOP

OWNER'S MANUAL

Thank you for choosing Aquatop's MaxFlow Series of DC Wave Maker Pumps. These powerful, highly efficient direct current wave making pumps move and draw water in a unique way. The Prop-Style Impeller and 360° uniform water draw create a wider distribution of flow when compared to traditional powerheads. The MaxFlow DC Wave Maker Pumps also include a strong, secure magnet mounting system which allows for flexible placement and offers a wide range of motion. Each model runs quietly and efficiently, with multiple flow modes and a wavelength frequency dial for precise control. Two or more units can be synchronized wirelessly for enhanced water movement and circulation throughout your aquarium.

FEATURES

- Simulates Natural River and Reef Currents

- Energy efficient, low-voltage design

- Secure Magnet Mount Bracket with full articulation

- Multiple Flow Mode options with variable speed/flow control

- Pair two or more pumps using wireless technology

- For Fresh or Saltwater systems

Setting the Wavelength Frequency:
Adjust the wavelength frequency by rotating the Wavelength Dial between -/+ until the desired frequency is reached.

FEED MODE
Press and hold the 🔴 Button for 2 seconds or until the indicator light turns on. The pump(s) will be paused for a period of 10 minutes before returning to the set operation.

LOCK/UNLOCK MODE
Press and hold the 🔴 Button for a period of 2 seconds or until the indicator light turns on to lock the Wavelength Frequency Dial. To unlock the Wavelength Frequency Dial, press and hold the L button for 2 seconds or until the indicator light turns off.

ROUTINE MAINTENANCE:
NOTE: Clean your MaxFlow Wave Maker Pump periodically to ensure maximum efficiency and water flow, as well as prolonged lifespan of the unit.
1. Unplug pump and remove from the aquarium.
2. Remove the magnet mount bracket from the pump chamber housing.
3. Remove the rubber grommets from chamber housing. Set aside in a safe place so they do not get lost.
4. Remove the front chamber housing from main body by turning the front chamber housing counter-clockwise to expose the impeller and impeller shaft.
5. Remove the impeller and gently wipe the impeller and impeller shaft free of any debris.
6. Rinse the housing of the front chamber & main body with fresh, clean water.
7. Re-install. Make sure impeller and impeller shaft are properly aligned and that the front chamber housing is tightened securely.

SPECIFICATIONS

MODEL	POWER	FLOW RATE	RECOMMENDED TANK SIZE	PUMP DIMENSIONS	MAX DEPTH	MAX GLASS THICKNESS
MWV-1000	10W	175-1056 GPH	25-55 Gals	2.5"x 3.5"	IPX8	Up to ½"
MWV-2000	25W	352-2133 GPH	55-125 Gals	3"x 4.5"	IPX8	Up to ½"

INPUT: 100-240V 50/60Hz

OUTPUT: DC24V

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.
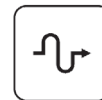
1. Read and follow all instructions.
2. A drip loop must be used with all electrical aquarium devices. A drip loop is a self-made part of the cord hanging below the receptacle (See Fig. 1)
3. A GFCI (Ground Fault Circuit Interrupter) should be used in the branch circuit supplying all power to water pumps 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.
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.

1. Selecting pump to program: When connecting two pumps, select which pump to program by pressing the (L) button until the desired pump is selected. The corresponding indicator light will illuminate for the pump that is selected.

2. Selecting Water Flow Mode: Press the Mode (M) Button to cycle through each of the five water flow modes. The corresponding indicator light will illuminate for each of the five modes.

ADJUSTABLE PULSE MODE
The power to the pump turns on and off to mimic natural currents. The wave frequency can be adjusted using the Wavelength Dial.
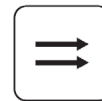
WAVE MODE
The speed of the pump increases and decreases slowly to create gentle rolling waves.

SURGE MODE
The speed and power to the pump changes frequently and at random to simulate surging tides and crashing waves.

STREAM MODE
Constant, steady flow for better water circulation.

INTERACTIVE MODE
When using a single wave maker pump, the power to the pump turns on and off in 2 second intervals. Connect two or more wave making pumps to alternate the power distribution between the connected units.
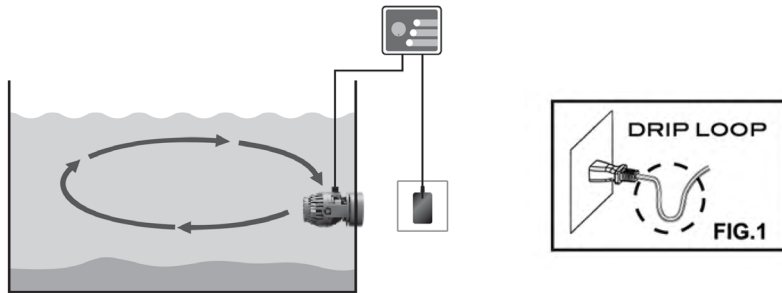
NOTE: Use the Wavelength Dial to adjust the Flow Intensity between the two pumps. Set the Dial to the middle position for even power distribution or rotate left or right to increase/decrease power between two or more pumps.

Setting the Flow Intensity:
Press the (►) Button to increase the flow intensity until the desired flow is selected. The corresponding indicator light will illuminate for each of the flow intensity settings. Each setting increases the flow intensity by approximately 20%. Once the highest flow setting is reached, continue pressing the (►) Button to decrease the flow intensity.

1. Simply remove the magnet attachment from the back of the pump and then place the pump on a clean flat surface on the inside of your aquarium.

2. Use the magnet to attach the pump to the tank making sure that the pump is completely submerged under the water line.

DRIP LOOP

FIG.1

INSTALLATION OF CONTROLLER HUB

3. Choose an area along the top of the aquarium with adequate visibility and install the wave pump controller on the outside of the aquarium using the included mounting hook.

4. Alternatively, use the included Velcro sticker to mount the controller to a clean, flat surface on the outside of the aquarium.

5. Connect the pump to the controller using the 3-prong adapter cord.

6. Insert Power Supply Cord into the Controller.

7. Make A Drip-Loop and connect the power cord to an electrical outlet or GFCI outlet (See Fig. 1).

8. Adjust the direction of the pump according to the needs of your aquarium inhabitants.

1.   Wavelength Frequency Dial

2.   Master/Slave Selector and Lock Button

3.   Mode Selector Button (5 Modes to choose from)

4.   Flow Intensity Button and 10 min. Feed Pause Button