Micro 30L
Mini 40

Owner’s Manual
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**WARNING**

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

**READ ALL SAFETY INSTRUCTIONS BEFORE USE.**

To avoid electric shock, special care should be taken since water is employed in the use of aquarium equipment. 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.

- If the appliance falls into water, DO NOT reach for it! First unplug it and then retrieve it. If the electrical components of the appliance get wet, unplug the appliance immediately.
- Carefully examine the appliance after installation. It should not be plugged in if there is water on parts not intended to be wet.
- Do not operate any appliance if it has a damaged cord or plug, or if it is malfunctioning or if it is dropped or damaged in any manner.
- To avoid the possibility of the appliance plug or receptacle getting wet, position aquarium to one side of a wall mounted receptacle to prevent water from dripping onto the receptacle plug. A “Drip Loop” should be arranged by the user for EACH cord connecting an aquarium appliance to a receptacle. The “Drip Loop” is that part of the cord below the level of the receptacle or the connector if an extension cord is used. This “Drip Loop” prevents water travelling along the cord and coming in contact with the receptacle. If the plug or the receptacle do get wet DO NOT unplug the cord. Disconnect the fuse to the circuit breaker that supplies power to the appliance. Then unplug and examine for the presence of water in the receptacle.
- Close supervision is necessary when any appliance is used by or near children.
- To avoid injury, do not contact moving parts or hot parts such as heaters, reflectors, lamps bulbs and etc.
- Always unplug an appliance from the outlet when not in use, before putting on or taking off parts, and before cleaning. Never yank the cord to pull plug from outlet. Grasp the plug and pull to disconnect.
IMPORTANT SAFETY INSTRUCTIONS

- Do not use an appliance for other than intended use. The use of attachments not recommended or sold by the appliance manufacturer may cause an unsafe condition.
- Make sure an appliance mounted on a tank is securely installed before operating it.
- Read and observe all the important notices on the appliance.
- This appliance has a polarized plug (one blade is wider than the other). As a safety feature, this plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Never use with an extension cord unless plug can be fully inserted. Do not attempt to defeat this safety feature.
- This appliance is intended FOR HOUSEHOLD USE ONLY.

FINDING A LOCATION

- Find a location that can handle the weight of your NUVO Fusion
- Do not install or store the aquarium where it will be exposed to the weather or to temperatures below freezing.
- Do not place aquarium in direct sunlight or near heater vents.
- We recommend ambient room temperature around 25° C/77° F.
- Place aquarium 5-6” away from the wall to allow access to the back if needed
- Make sure surrounding appliances are waterproof and move anything that might be damaged by salt creep.

ASSEMBLY

- Upon arrival please check tank and/or stand for missing parts If parts are missing, please contact Innovative Marine for further assistance. 1-866-368-7941.
LEAK TESTING AND FILLING YOUR NUVO AQUARIUM

- Find a good location to test your aquarium.
- Your location should be level, flat and should not be in a place where can be damaged in case of a leak. (Garage or covered patio)
- Slowly fill your aquarium from the display portion of the tank and let the water naturally enter the overflows.
- Plug in your pumps and continue adding water until your water line reaches about 1" under the last baffle wall in the back of the aquarium.
- Check every 8 hours over the next 24 hours for leaks. If any leaks have been detected please contact your authorized Innovative Marine Dealer immediately.

PLACING AND LEVELING YOUR NUVO AQUARIUM

- Make sure your NUVO is set on a level surface to prevent undue stress on the aquarium tank from stress and leaks.
- It is not recommended that this aquarium is set upon coffee tables, end tables, TV stands, or night stands unless the structure has been properly tested to withstand the weight limits of the aquarium.
- Please pay special attention when leveling your aquarium on carpet.
- Before lifting your aquarium, make sure your stand is in position and your leveling mat is properly adhered to the top of your stand.
- Lifting the glass aquarium onto its stand will require more than two people. Please use proper lifting techniques when lifting large heavy objects.
- Lift from the bottom of the aquarium DO NOT lift using the aquariums' glass edges this will cause stress on the glass and seals and may cause leakage.
- The back of the aquarium should be flush with your stand and all four corners are not overhanging the edges.
- Once you have placed your aquarium atop your stand, make sure your stand has not moved from its position.
- Place a level on edge of tank, if necessary readjust and reposition tank and stand.
Micro 30L
Model #: 0405

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<tr>
<th>#</th>
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<td>Mesh Screen Clips</td>
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<td>30 Gallon Pump</td>
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<tr>
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# Mini 40

**Model #:** 0505

## Exploded View

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<tr>
<td>13</td>
<td>Mesh Screen Top</td>
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</tr>
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Channel your inner artist and expand your reef keeping possibilities with the NUVO Fusion 30L. 36 inches of unobstructed viewing allows you to create panoramic aquascapes never seen before. Elegance and beauty come together with a purpose to stand apart.

We have upscaled our luxurious midsize aquariums by merging the premium features of our Full Size SR-Series aquariums with the Award Winning customizable filtration system of our NUVOs. This perfect blend gives you 10-15% more room for aquascaping, the highest clarity viewing, a screen lid that removes excess heat and provides maximum light penetration, and the cleanest and clearest water possible.

**Features:**

- **DIMs:** Length 35.43” Width: 14.96” Height: 12.99”
- 8mm High Clarity Low Iron Glass
- Mesh Screen Top with Clips
- Dual Built-in Overflows
- Rubber Leveling Mat
- (2) - Removable 3 Stage Filter Baskets
- (1) - 45W 110v/60Hz 476 GPH Return Pump

*Includes flexible hose and return elbows with Dual Directional Flow Nozzle*
Micro 30L FILTRATION

1. 3 Stage Filter Column
2. Skimmer & Media Reactor Column
3. Return Pump/Water Reservoir Column (ATO Sensor Column)
4. Removable 3 Stage Filter Media Basket

(Heater, Skimmer, Media Reactor not included)
The NUVO Fusion 40 represents everything we love about Reef Keeping and features that will boost your hobby’s experience to the next level; it’s not just the next aquarium, but what the next aquarium should be.

We have upscaled our luxurious midsize aquariums by merging the premium features of our Full Size SR-Series aquariums with the Award Winning customizable filtration system of our NUVOs. This perfect blend gives you 10-15% more room for aquascaping, the highest clarity viewing, a screen lid that removes excess heat and provides maximum light penetration, and the cleanest and clearest water possible.

Features:

- DIMS: Length: 23.62” Width: 19.68” Height: 18.89”
- 8mm High Clarity Low Iron Glass
- Mesh Screen Top with Clips
- Dual Built-in Overflows
- Rubber Leveling Mat
- (2) - Removable 3 Stage Filter Baskets
- (1) - 45W 110v/60Hz 476 GPH Return Pump
- Includes flexible hose and return elbows with Dual Directional Flow Nozzles
Mini 40 FILTRATION

1. 3 Stage Filter Column
2. Skimmer & Media Reactor Column
3. Return Pump/Water Reservoir Column (ATO Sensor Column)
4. Removable 3 Stage Filter Media Basket

(Heater, Skimmer, Media Reactor not included)
## Micro 30L Cabinet Stand

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<tr>
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<tbody>
<tr>
<td>1</td>
<td>Upper Back Panel</td>
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<tr>
<td>2</td>
<td>Lower Back Panel</td>
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<td>3</td>
<td>Left Side Panel</td>
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<td>4</td>
<td>Center Panel</td>
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<td>5</td>
<td>Right Side Panel</td>
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<tr>
<td>6</td>
<td>Front Support Beam</td>
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<tr>
<td>7</td>
<td>Top Panel</td>
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<td>8</td>
<td>Bottom Panel</td>
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<tr>
<td>9</td>
<td>Left Storage Shelf</td>
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<tr>
<td>10</td>
<td>Right Storage Shelf</td>
</tr>
<tr>
<td>11</td>
<td>Left Cabinet Door</td>
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<tr>
<td>12</td>
<td>Right Cabinet Door</td>
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</tbody>
</table>
Hardware Included

Door Hinge:
(4) x Door Hinge
(24) x Wood Screws

Push to Open System:
(2) x Latch and Catch System
(6) x Screws

Rubber Feet:
(5) x Rubber Feet
(5) x Washer
(5) x Screws

Cam Locks:
(30) x Cam Locks

Cam Screw:
(30) x Cam Screws

Wooden Dowel:
(22) x Wooden Dowels

Shelf Pegs:
(8) x Shelf Pegs
Assembled Stands

Step 1: Connect upper back panel to lower back panel.

Step 2: Screw in cam screws into the left side panel.
Step 3: Attach left side panel onto back panel, insert cam locks and tighten clockwise.

Step 4: Screw in cam screws into the right side panel.
Assembled Stands

**Step 5:** Attach front support beam and right side panels insert cam locks and tighten clockwise.

**Step 6:** Insert wooden dowels and cam screws into top panel
Step 7: Place top panel onto stand and insert cam locks and tighten clockwise.

Step 8: Carefully place the stand onto the top panel and insert the center panel. Insert cam locks and tighten clockwise.
Assembled Stands

**Step 9:** Insert wooden dowels and cam screws into bottom panel

**Step 10:** Place top panel onto stand and insert cam locks and tighten clockwise.
Step 11: Attach rubber feet to the bottom of the stand.

Step 12: Place stand on its rubber feet and attach push open latch to the interior of the stand.
Assembled Stands

Step 13: Insert shelf pegs and place left and right storage shelves a top of them.

Step 14: Attach door hinges and door catch to left and right doors.
Step 15: Attach the left and right cabinet door using wood screws.

Step 16: Place your NUVO atop the stand
<table>
<thead>
<tr>
<th>#</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>1</td>
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<td>Left Side Panel</td>
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<td>Front Support Beam</td>
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<td>6</td>
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</tbody>
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Hardware Included

Door Hinge:
- (4) x Door Hinge
- (24) x Wood Screws

Push to Open System:
- (2) x Latch and Catch System
- (6) x Screws

Rubber Feet:
- (4) x Rubber Feet
- (4) x Washer
- (4) x Screws

Cam Locks:
- (20) x Cam Locks

Cam Screw:
- (20) x Cam Screws

Wooden Dowel:
- (20) x Wooden Dowels

Shelf Pegs:
- (8) x Shelf Pegs
Assembled Stands

Step 1: Screw in cam screws into the left side panel.

Step 2: Attach left side panel onto back panel, insert cam locks and tighten clockwise.
**Step 3:** Screw in cam screws into the right side panel.

**Step 4:** Attach front support beam and right side panels insert cam locks and tighten clockwise.
Assembled Stands

Step 5: Insert wooden dowels and cam screws into top panel.

Step 6: Place top panel onto stand and insert cam locks and tighten clockwise.
Step 7: Carefully place the stand onto the top panel and insert the center panel. Insert cam locks and tighten clockwise.

Step 8: Insert wooden dowels and cam screws into bottom panel.
Assembled Stands

**Step 9:** Attach rubber feet to the bottom of the stand.

**Step 10:** Place stand on its rubber feet and attach push to open latches to the interior of the stand.
Step 11: Insert shelf pegs and place left and right storage shelves a top of them.

Step 12: Attach door hinges and door catch to left and right doors.
Assembled Stands

**Step 13:** Attach the left and right cabinet door using wood screws.

**Step 14:** Place your NUVO atop the stand
Regular maintenance is necessary to keep successful aquarium.

**PLEASE NOTE:** Unplug pump before water changes or replacing media.

## WATER CHANGES

Water changes should be performed once every 2 to 4 weeks depending on the bio-load.

A minimum of a 25% water change is essential to keep dissolved organic to a minimum.

## REPLACING FILTER MEDIA

Filter Media should be replaced every month to remove trapped debris and free floating particulate matter.

- Lift the Filter Basket out from the Filter Column.
- Slide the cover off of the filter basket
- Replace with the NUVO Aquarium Filter Media Pack.

We recommend using Innovative Marine’s Filter Media Pack (Part #000010 or #000011) for optimal fit and to prevent bypass that may occur by other manufactures filter media.

**PLEASE NOTE:** Please rinse media under RO water to remove any dust or debris that might have been collected while stored.

*First time use of a brand new filter media may cause increased protein skimming. Please monitor your protein skimmer so overflowing of your collection cup does not happen.*
REPLACING/CLEANING PUMP & PUMP IMPELLER

In order to maximize the life of your pump, it is crucial to perform the proper periodic maintenance at designated intervals. We recommend cleaning your pump and impellers every 2-4 weeks.

**Micro 30L & Mini 40**
- Unplug pump from power strip
- Unplug both return elbows out from the return hole on filter wall
- Raise each return elbow upward and remove pump from filter chamber

**Micro 30L & Mini 40 continued.**
- Remove bottom pump cover.
- Disassemble the impeller holder coupling from pump motor
- Lift out the impeller & shaft from pump motor
WARRANTY INFORMATION

LIMITED 1 YEAR WARRANTY -
Micro 30L & Mini 40 Aquariums

The Micro 30L & Mini 40 have a 1 YEAR limited warranty. The Micro 30L & Mini 40 is warranted to the original purchaser against defective material and workmanship for 1 YEAR from the date of original purchase. This warranty is valid only under the following conditions: additions, modifications, or changes made to the product by the purchaser and not by the manufacturer shall void this warranty. Damages brought on by abuse, misapplication, or mishandling also voids this warranty.

This warranty is limited to the repair or replacement of the product at the discretion of the manufacturer. This warranty does not cover personal injury, property loss, including livestock or damage (direct, incidental, or consequential) arising out of use of this product. This warranty gives you specific rights and you may also have other rights, which may vary from state to state.

The Product Registration Card must be filled out completely and returned within (14) days from the date of purchase. Failure to do so will void this warranty.

A proof of purchase from an authorized dealer must be provided when making a warranty claim.

For Warranty Claims please contact our Customer Care Department. 866-368-7941

A RMA# must be issued before sending any product back to Innovative Marine. Products sent back to Innovative Marine without a RMA# will not be accepted. Service on products will not extend the original warranty period.

Email: warranty@innovative-marine.com
# PRODUCT INFORMATION

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<td>DATE OF PURCHASE</td>
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*Please keep your receipt in a safe place to ensure you have this information.*