

hygger HG146-NEW

hygger HG146-NEW 10 Gallon Smart Aquarium Starter Kit User Manual

Model: HG146-NEW

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your hygger HG146-NEW 10 Gallon Smart Aquarium Starter Kit. Please read this manual thoroughly before use to ensure proper function and longevity of your aquarium system.

2. SAFETY INSTRUCTIONS

- Always unplug all electrical components before performing any maintenance or cleaning.
- Ensure the aquarium is placed on a sturdy, level surface capable of supporting its full weight when filled with water and decorations.
- Do not operate any damaged electrical components. Inspect cords and plugs regularly.
- Keep electrical connections dry. Use drip loops for all power cords to prevent water from traveling along the cord to the outlet.
- This product is for indoor use only.
- Keep out of reach of children and pets.

3. PACKAGE CONTENTS

Verify that all items listed below are present and in good condition upon unpacking:

- 10 Gallon Glass Aquarium Tank
- Removable Multi-function Touch Screen Setting Panel Cover (includes light and power cord)
- Water Pump with Wide Filter Rainforest Tube
- Adjustable Constant Temperature Heater

- Filter Media (White filter floss and 8D sponge media)
- UV Lamp
- Automatic Feeding Cup (35ML)
- Cleaning Glove
- Fishing Net (retractable pole)
- Manual Water Changer with Hose
- Cleaning Brush
- Two Lid Support Feet



Image: The hygger 10 Gallon Smart Aquarium Starter Kit fully assembled, showcasing the tank, lid, filter, and internal components.

4. SETUP INSTRUCTIONS

1. **Unpack Components:** Carefully remove all items from the packaging. Inspect the glass tank for any cracks or damage.
2. **Position the Tank:** Place the aquarium on a stable, level surface away from direct sunlight, heat sources, and drafts.
3. **Install Base Plate:** Ensure the load-bearing bottom plate is securely in place at the base of the tank.
4. **Assemble Filter and Water Pump:**

- Insert the filter media (white filter floss and 8D sponge) into the filter box.
 - Connect the water pump to the filter rainforest tube and position it inside the tank, ensuring the bottom water inlet pipe and oil film water inlet are correctly oriented.
 - Attach the aeration outlet hose and regulating valve if desired for additional oxygen.
5. **Install Heater:** Place the adjustable constant temperature heater inside the tank, ensuring it is fully submerged.
 6. **Attach Lid and Light:** Place the removable multi-function touch screen setting panel cover onto the tank. Connect the light and other integrated components. If using the lid support feet, position them as desired to allow for increased heat dissipation.
 7. **Add Substrate and Decorations:** Rinse any substrate (gravel, sand) and decorations thoroughly before adding them to the tank.
 8. **Fill with Water:** Slowly fill the tank with dechlorinated water.
 9. **Connect Power:** Plug in the main power cord, ensuring drip loops are formed for all electrical connections.

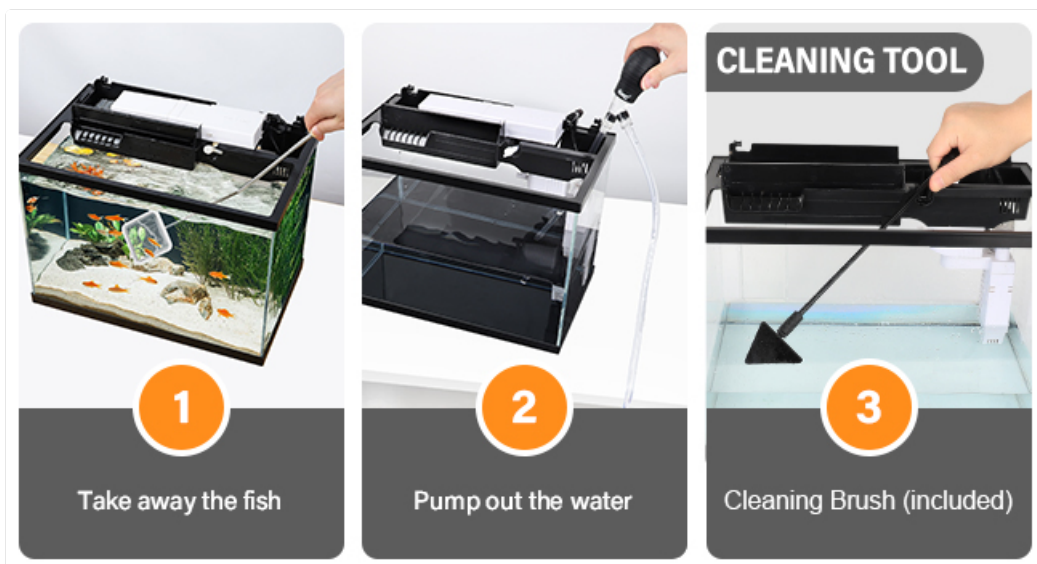


Image: An exploded view diagram illustrating the main components of the hygger aquarium, including the automatic feeder, LED light, retractable temperature probe, cover support feet, tank, base, water pump, filter, and heating rod.



Image: A detailed diagram showing the water circulation path and oxygenation process within the hygger aquarium's integrated filter system, highlighting the filter box, U-V light, oil film water inlet, air adjuster, air water outlet, and bottom water inlet.

5. OPERATING INSTRUCTIONS

5.1. Aquarium Light (RGB 5050 LED)

- **24/7 Mode:** The light features a default 24/7 mode with automatic time and brightness changes, cycling through orange-white-blue colors.
- **Single Mode:** For customized lighting, you can set specific start and end times. Available colors include white, light white, yellow and white, pink and white, blue and white, and a multi-color cycle.

AUTO ON/OFF 24/7 LIGHT DEFAULT MODE



Single Color Mode(start & end time can be set)

white, light white, yellow and white, pink and white, blue and white, multi-color cycle



Image: Visual representation of the aquarium light's 24/7 default mode transitioning from sunrise to night, and examples of various single color modes including white, yellow, blue, and a multi-color cycle.

5.2. Water Pump and Filtration System

The 3-in-1 power pump head provides water filtration, water circulation, and air aeration.

- **Water Flow Modes:** The 120 GPH (gallons per hour) 10W water pump offers three selectable water flow modes (P1, P2, P3).
- **Filtration:** The filter box (L 9.5in * W 3.3in * H 1.5in) is designed for easy replacement of filter material. It includes white filter floss and 8D sponge media.
- **Aeration:** A separate aeration outlet is available to add oxygen to the tank. It is equipped with a hose regulating valve to adjust the bubble flow.

- **Oil Film Water Inlet:** In addition to the bottom water inlet, the pump features an oil film water inlet for surface skimming.

3-IN-1

SUBMERSIBLE PUMP



Filtration



Water Circulation
water flow mode P1, P2, P3



Oil Surface Skimmers



Oxygenation
adjustable

Image: A collage demonstrating the four key functions of the 3-in-1 submersible pump: filtration, water circulation with adjustable flow modes, oil surface skimming, and adjustable oxygenation.

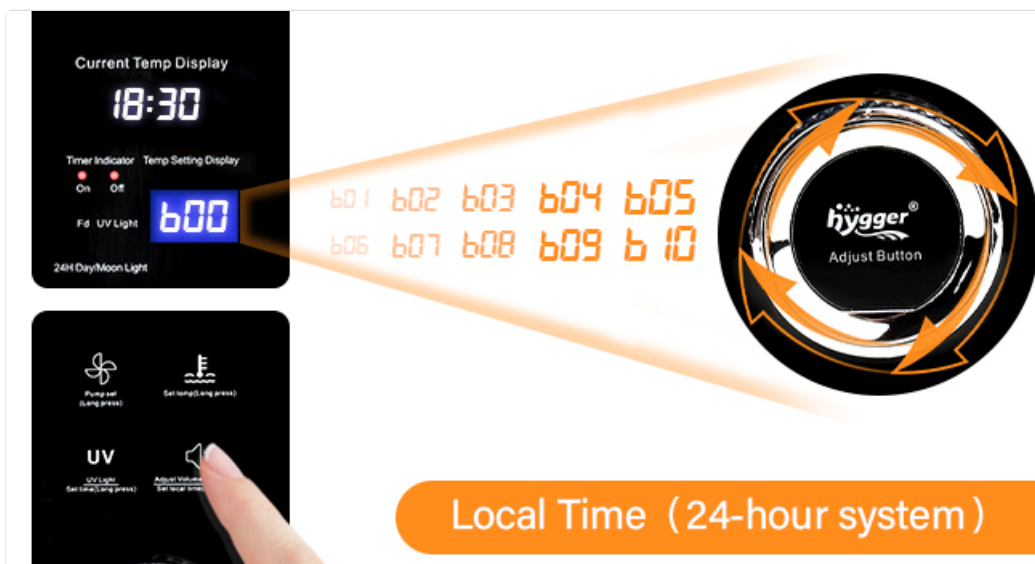


Image: A close-up view of the filter box, highlighting the included 8D sponge and white filter floss media, along with its

dimensions (9.5 inches by 3.3 inches).

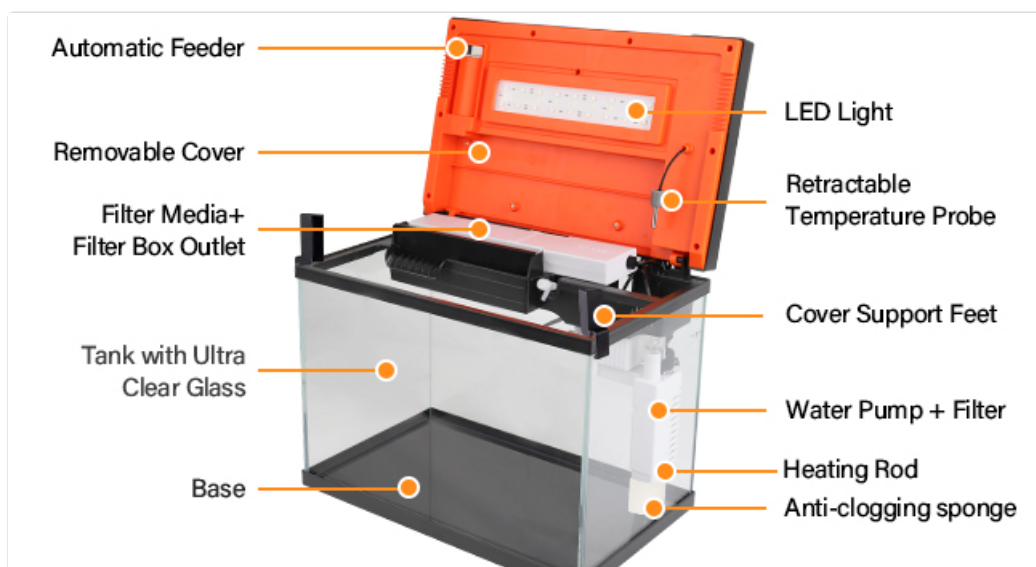


Image: A series of close-up displays showing the digital interface for selecting water pump modes, labeled P0, P1, P2, and P3, indicating different flow settings.

5.3. Automatic Feeder

- The included 35ML feeding cup allows for automatic feeding at fixed intervals (from 01H to 99H).
- To manually feed at any time, double-click the feeder button.



Image: A view of the aquarium's multi-function panel, highlighting the automatic feeder with its feeding cup and the adjustable heater, along with the digital temperature display.

5.4. Adjustable Heater

- The heater maintains a constant temperature adjustable between 21°C~37°C (70°F~99°F).
- A temperature probe is integrated, and the lid's digital display shows the real-time temperature in Celsius or Fahrenheit units.



Image: A close-up of the aquarium's heater and the digital display on the lid, showing temperature readings in both Celsius (21°C-37°C) and Fahrenheit (70°F-99°F).

6. MAINTENANCE

6.1. Regular Cleaning

The kit includes three accessories for daily aquarium cleaning:

- **Fishing Net:** The pole is retractable from 5.1in to 12.8in, making it easy to scoop fish or remove debris.
- **Manual Water Changer:** Comes with a hose for convenient water removal during partial water changes.
- **Cleaning Brush:** Designed for basic cleaning tasks without requiring direct hand immersion in the water.



Image: A three-panel image illustrating the use of the included cleaning tools: a fishing net for removing fish, a manual water changer for pumping out water, and a cleaning brush for tank maintenance.



Image: A sequence of images demonstrating the cleaning process for the hygger aquarium, including removing fish, pumping out water, and using the cleaning brush.

6.2. Filter Media Replacement

The filter box allows for easy replacement of filter media. Regularly check the white filter floss and 8D sponge media and replace them as needed to maintain optimal water quality.

7. TROUBLESHOOTING

If you encounter issues with your hygger Smart Aquarium Starter Kit, please refer to the following common solutions:

- **No Power to Components:** Check all power connections. Ensure the main power cord is securely plugged into a functional outlet. Verify that the lid's setting panel is properly seated.
- **Light Not Functioning:** Confirm the light settings on the touch screen panel. If in 24/7 mode, observe during the appropriate cycle.
- **Water Pump Not Circulating:** Ensure the water pump is fully submerged and free from obstructions. Check for blockages in the water inlet pipes or filter media. Verify the selected water flow mode (P1, P2, P3).
- **Heater Not Maintaining Temperature:** Ensure the heater is fully submerged. Verify the desired temperature setting on the digital display. Allow sufficient time for the heater to adjust the water temperature. Note that the included heater is 10W, and for a 10-gallon tank, a 50W heater is generally recommended for effective heating, especially in cooler environments.
- **Automatic Feeder Not Dispensing:** Check if the feeding cup contains food. Ensure the timer settings are correctly configured or double-click for manual feeding.
- **Cloudy Water:** This can be caused by overfeeding, insufficient filtration, or new tank syndrome. Perform a partial water change, reduce feeding, and ensure filter media is clean and properly installed.

For persistent issues, please contact hygger customer support.

8. SPECIFICATIONS

Feature	Detail
Model Name	HG146-NEW
Tank Volume	10 Gallons
Material	Ultra-white Glass
Item Weight	20 Pounds
Item Package Dimensions (L x W x H)	22.75 x 19.05 x 15.5 inches
Light Type	RGB 5050 LED (5W)
Water Pump Flow Rate	120 GPH (10W)
Heater Temperature Range	21°C~37°C / 70°F~99°F
Feeder Capacity	35ML
Filter Box Dimensions	L 9.5in * W 3.3in * H 1.5in

6 GALLONS/10 GALLONS



1 Main Power Cord



Ultra-white glass,
98% light transmittance



Removable cover with touch
function key setting pane



Contains a load-bearing bottom
plate, safer and more stable

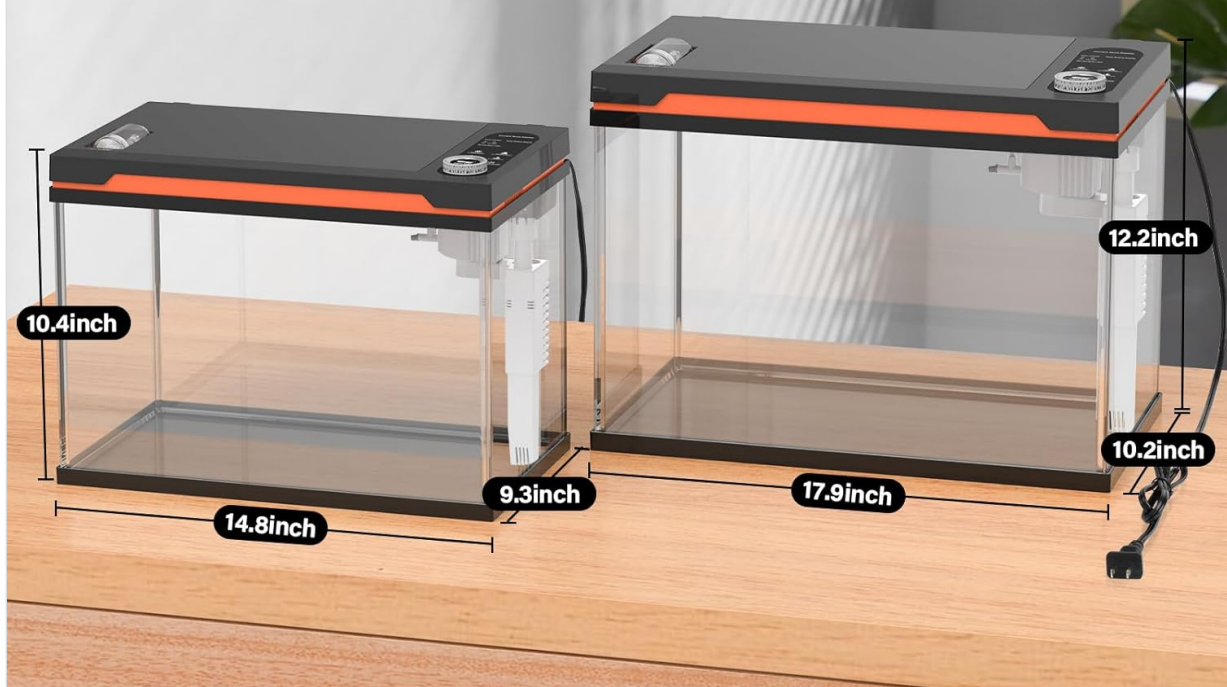


Image: A side-by-side comparison of the 6-gallon and 10-gallon Hygger aquariums, displaying their respective dimensions and highlighting features like the main power cord, removable cover, ultra-white glass, and load-bearing bottom plate.






Image: A detailed view of the 10-gallon Hygger aquarium, showing its dimensions (17.9 inches length, 10.2 inches width, 12.2 inches height) and emphasizing the ultra-clear glass and single main power cord.


9. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your hygger Smart Aquarium Starter Kit, please contact hygger customer service directly. Refer to the product packaging or the official hygger website for the most current contact details.

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Related Documents - HG146-NEW

 <small>E-mail: ask@hygger-aquarium.com Website: www.hygger-aquarium.com</small>	<p>Hygger HG252 Flat Aquarium Heater User Manual</p> <p>User manual for the Hygger HG252 Flat Aquarium Heater. Provides detailed information on product features, specifications, installation instructions, maintenance, troubleshooting, safety warnings, and warranty.</p>
 <small>The hygger backpack aquarium filter with fish waste collector combines filtration, oxygenation, and water change, making it perfect for small to medium-sized fish tanks and turtle tanks.</small>	<p>Hygger HG150 Backpack Aquarium Filter User Manual</p> <p>Comprehensive user manual for the Hygger HG150 Backpack Aquarium Filter, detailing product features, installation instructions, troubleshooting, cleaning, and specifications for optimal aquarium maintenance.</p>
 <small>Hygger mini heater is a perfect aquarium heater for 1-20 gallon aquariums and is best for desktop, office, or home use.</small>	<p>Hygger HG096 Mini Aquarium Heater User Manual Temperature Control Guide</p> <p>Official user manual for the Hygger HG096 mini aquarium heater. Learn about features, specifications, installation, operation, maintenance, troubleshooting, and warranty for your aquarium heating needs.</p>
 <small>Please read this user manual carefully before using and follow strictly in accordance with the manual.</small>	<p>Hygger 009 Aquarium Internal Power Filter User Manual</p> <p>Comprehensive user manual for the Hygger 009 internal power filter, covering features, technical specifications, installation, operation, and maintenance for freshwater and saltwater aquariums.</p>
 <small>E-mail: ask@hygger-aquarium.com Website: www.hygger-aquarium.com</small>	<p>Hygger HG998 Aquarium Heater User Manual</p> <p>Comprehensive user manual for the Hygger HG998 Aquarium Heater, detailing product features, installation, maintenance, safety instructions, and warranty information. Learn how to set up and use your aquarium heater for optimal fish tank temperature control.</p>

<div data-bbox="132 107 295 318"><div> HG-916 USER MANUAL HYGGER LED DIGITAL DISPLAY OVAL HEATER</div><div> Hygger HG-916 Digital LED Display Oval Heater 150W (5273 BTU/hr) Heater for 0 to 13 gallon aquariums</div><div> *Please do not handle equipment with fully wet hands. Do not plug and unplug the cord heater and power line. It seriously affects the safety of the heater and power line.</div></div>	<div data-bbox="343 134 1045 168">Hygger HG-916 LED Digital Display Oval Heater User Manual</div> <div data-bbox="343 174 1460 291">Comprehensive user manual for the Hygger HG-916 LED Digital Display Oval Heater. Learn about its features, specifications, installation, safe operation, and disposal. Ideal for aquariums from 0 to 13 gallons.</div>
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