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HG203 USER MANUAL

hygger Pond Purifying Light



The hygger Pond Purifying Light is primarily deployed in koi ponds and large aquariums to eliminate ultrafine planktonic algae causing green water and restore clarity. Secondary applications include swimming pools and cold plunge baths for auxiliary disinfection and chemical treatment reduction. **Please read this user manual carefully before use and keep it for future reference; follow the instructions to ensure proper use.**

1. PRODUCT FEATURES

- **Quick Germ Killing:** Harnesses UV-C light to efficiently eradicate up to 99.99% of harmful algae by destabilizing molecular structures and interrupting genetic material within living organisms and bad smells.
- **Gravity Block Sinking Design:** Reinforced protective covers at both ends and a multi-layer sealing design ensure safer and more reliable underwater use. A weighted base is added to stand upright underwater for 360-degree full cleaning coverage.
- **Larger Diameter Glass Tube:** The diameter of the UV light glass tube is increased to 42mm. The independent wick tube enhances UV light penetration, effectively killing bacteria and viruses while extending the light's lifespan, saving you time and replacement costs.
- **No Chemical Additives:** This UV light uses no harmful chemicals, protecting your skin and health while being eco-friendly. It's a perfect alternative to traditional chemical disinfectants for ice baths and pools.
- **Long Connecting Cable:** This UV light comes equipped with wires over 15 ft in length, eliminating the need for you to purchase additional cable.
- **Warranty:** The UV light has a service life of 10,000 hours (approximately 1 year under continuous operation), and we will provide a one-year warranty.

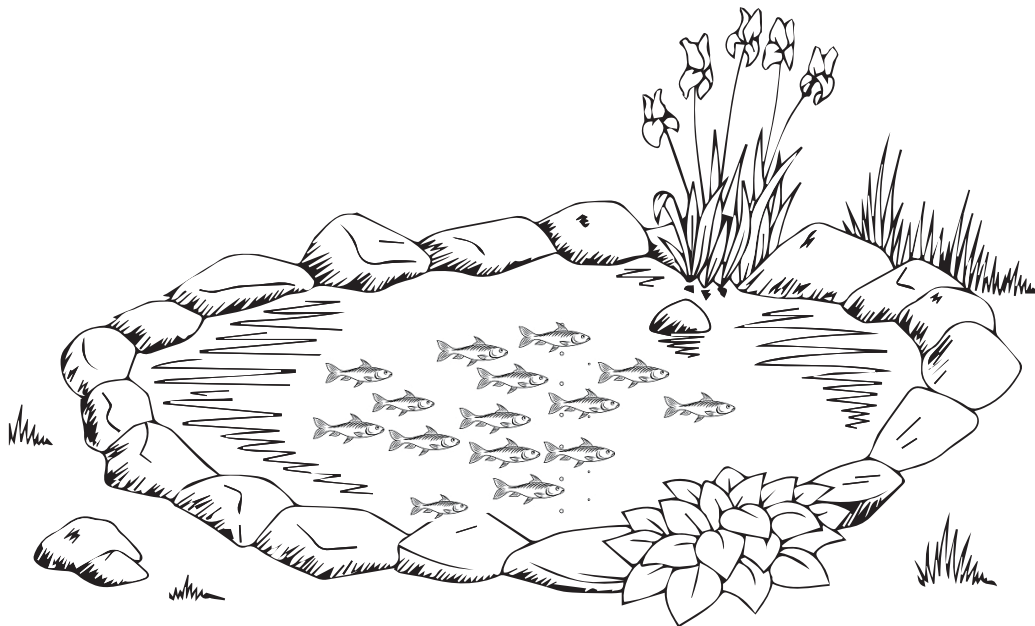
2. PRODUCT SPECIFICATIONS

Model	HG203	
Input Voltage/Frequency	US standard: AC110-120V/60Hz UK/EU/AU standard: AC220-240V/50Hz	
Power	20W	32W
Light Source Type	U-V-C	
Glass Tube Diameter	1.65"(42mm)	1.65"(42mm)
Light Body Length	14.17"(360mm)	16.53"(420mm)
Cable Length	15FT (460cm)	15FT (460cm)
Suitable Pond Size	100-1200 Gal (380-4500 L)	200-2200 Gal (750-8300 L)

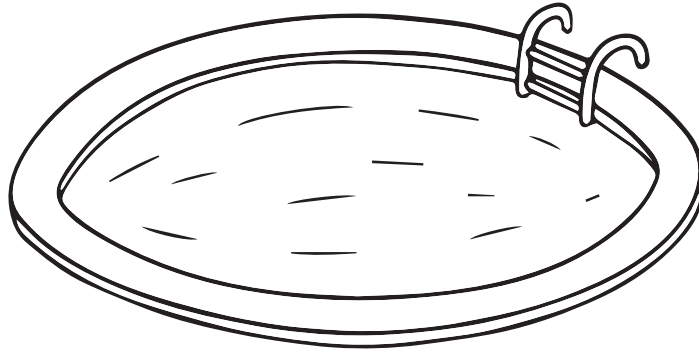
3. INSTRUCTIONS FOR USE

Installation application scenarios for UV lights.

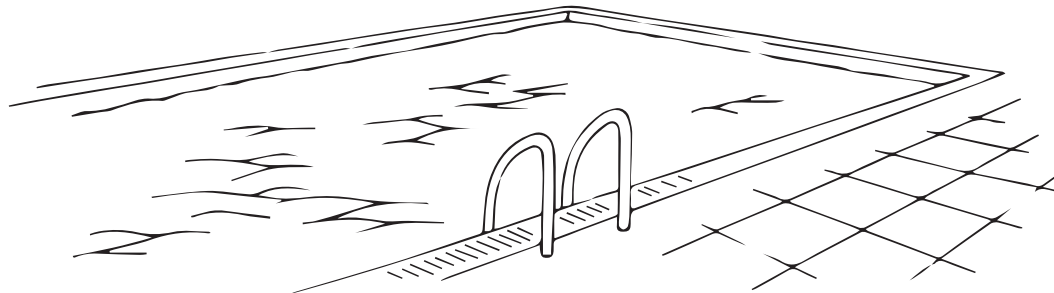
Picture 1: Installed in pond filtration systems to eliminate green algae, remove unpleasant odors, and maintain clear water.



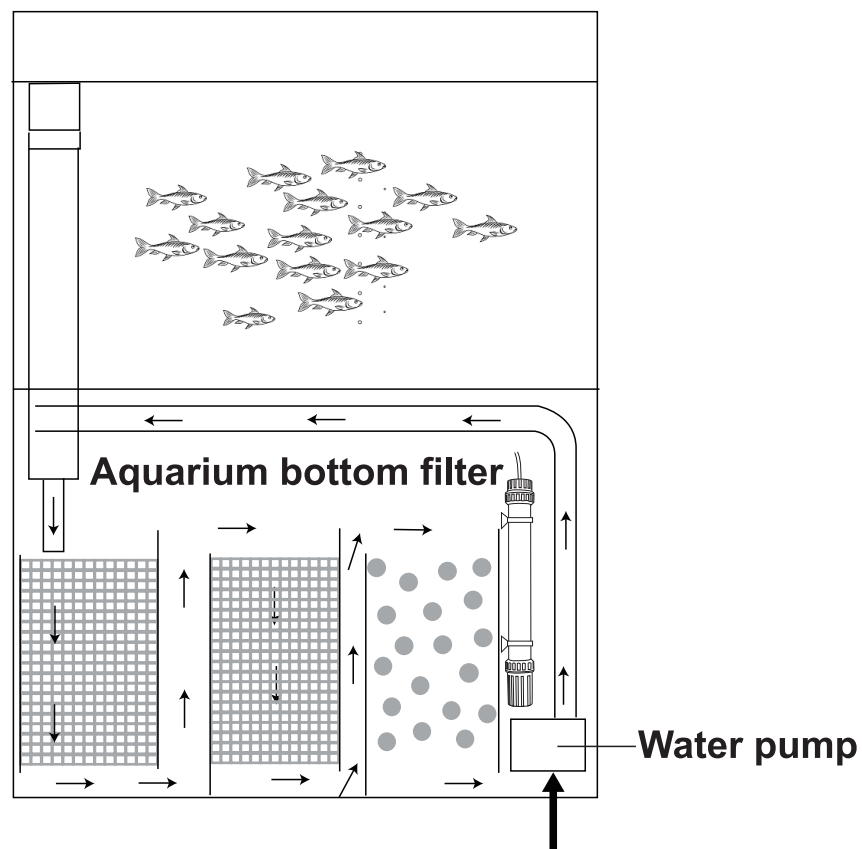
Picture 2: Sterilizes spa equipment to ensure cleanliness.



Picture 3: Disinfects swimming pools, eliminating germs and viruses.



Picture 4: Installed in aquarium bottom filter tanks to disinfect display tanks, maintaining bright and clear water.



NOTE:

1) To maintain optimal transmittance, regularly clean the light. Accumulated residue on the light surface reduces efficiency. It is recommended that the light be cleaned every few months as needed to prevent gradual transmittance decline.

2) If initial cleaning results are unsatisfactory, check these factors:

A. Ensure continuous water flow to maximize water-light contact area and duration.

B. Extend operating time, as cleaning efficacy proportionally improves with prolonged exposure.

3) UV-C radiation harms the eyes and skin. Avoid direct exposure to the light.

FAQ

Q1: How to prevent fish injury during use in fish ponds?

A: Never place exposed UV light directly in the main pond. Install exclusively in enclosed filtration systems, allowing water circulation while preventing fish access.

Q2: What if the light fails to activate?

A: Please check the power connection. Persistent failure indicates expired light lifespan. Contact customer service for replacement if under warranty.

Q3: Does it generate ozone?

A: Equipped with ozone-free light, eliminating post-operation odor concerns.

4. ATTENTIONS

✓Equipped with sterilization, algae elimination, and water clarification capabilities.

✓Non-waterproof components (power plug/controller) – Maintain dry conditions. Never touch the power plug with wet hands. Deactivate power before maintenance.

✓Match operating voltage to UV light specifications to prevent malfunctions.

✓Wear eye protection during UV exposure. Service only during power disconnection.

✓Authorized technicians must conduct repairs to ensure safety and preserve functionality.

✓Non-toy device – restrict child access to prevent operational hazards.

✓Operates within 40°F-95°F (4°C-35°C). Maintain ambient conditions within this range.

✓Long-term storage requires dark, dry environments.

5. PACKING LIST

1x UV light with switch controller

2x Suction cup

1x User manual

6. WARNING

To avoid possible electric shock, do not immerse the switch in the water. If the switch falls into the water or becomes wet, do not touch it until you have unplugged it. Basic safety precautions that should be observed including the following:

1. Read and follow this user manual strictly.

2. DANGER- To avoid possible 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. Instead, return the UV light to an authorized service facility for maintenance or discard it.

A. If the light falls into the water, DO NOT touch it. First unplug it, then retrieve it. If electrical components of the light get wet, unplug it immediately.

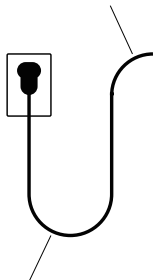
B. Carefully examine the UV light after installation. It should not be plugged in if there is water on parts that are not intended to be wet.

C. Do not operate the UV light if it has a damaged cord or plug, is malfunctioning, dropped, or damaged in any manner. The power cord of this UV light cannot be replaced. If the cord is damaged, the UV light should be discarded.

D. To avoid the possibility of the UV light plug getting wet, position the aquarium and its stand to one side of a wall mounted outlet to prevent water

from dripping onto the outlet or plug. A "drip loop", shown in the figure below, should be arranged by the user for each cord, which connects the UV light to the outlet. If an extension cord is used, the "drip loop" is the part of the cord below the level of the outlet or the connect or that prevents water from traveling along the cord and coming in contact with the outlet. If the plug or outlet does get wet, DO NOT unplug the cord. Disconnect the fuse to the circuit breaker that supplies power to the UV light. Then, unplug and examine for the presence of water in the outlet. If you are not sure, consult a certified electrician.

POWER CORD



DRIP LOOP

3. This UV light is not allowed to use by persons (including children) with reduced physical sensory or mental capabilities or lack of experience and knowledge unless they have been given supervision or instruction concerning the use of the UV light by a person responsible for their safety.
4. To avoid injury, do not contact moving or hot parts.
5. Always unplug the UV light from the outlet when not in use, before putting on or taking off parts, maintenance, or placing hands in the water. Never yank the cord to pull the plug from the outlet. Grasp the plug and pull to disconnect.
6. Do not use the UV light for other than intended use, The use of attachments not recommended or sold by the appliance manufacturer may cause an unsafe condition and will void the warranty.
7. Do not install or store the UV light where it will be exposed to extreme weather or temperatures below freezing.
8. Make sure the UV light is securely installed before operating it.

9. Read and observe all the important notices on the UV light.

10. If an extension cord is necessary, a cord with a proper rating should be used, such as rated amperes or watts. A cord rated for fewer amperes or watts than the UV light rating may overheat. Care should be taken to arrange the cord so that it will not be tripped over or pulled.

11. The UV light is intended FOR HOUSEHOLD USE ONLY.

12. SAVE THIS USER MANUAL.

7. HYGGER LIMITED MANUFACTURER'S WARRANTY

We offer the end user of this product a manufacturer warranty of 1 year from the date of sale if this product was purchased from a hygger[®]-authorised specialist dealer.

Retain receipt for any future warranty claim. Conditions apply. Products are guaranteed by hygger[®] Aquatic Supplies to the original purchaser against defective material and workmanship under normal use for a period up to 1 year from the date of the original purchase through an Authorized Dealer. Refer to the User Manual included with your product for specific warranty details.

Products have no warranty if:

- 1.) The product has been serviced, modified or tampered with by anyone other than hygger[®] 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.

WARRANTY LIABILITY DISCLAIMER

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

1.0. Terms and Conditions of Warranty.

- 1.1. hygger® warrants to the purchaser, for 1 year from date of original purchase through an Authorized hygger® Reseller, free to repair or replace parts 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. Only the direct purchaser is entitled to warranty claims against us and these are not transferable without our consent.
- 1.4. The original and dated Proof of Purchase (receipt) must be supplied with all goods claims. Please also provide this Guarantee where possible.
- 1.5. Wear parts (e.g.: seals, suction devices, axes, pump wheels, light sources, pH electrodes, filter media, such as filter cartridges, as well as UVC burners), glass damage and the opening of the product, as well as structural changes or the use of non-hygger® original parts are excluded from the guarantee.
- 1.6. 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 and hygger® must incur no costs from the shipment.
- 1.7. Where claims on inspection reveal goods are in normal working order, hygger® will request reimbursement of all reasonable costs incurred.
- 1.8. Warranty claims do not exist in the case of only insignificant deviations from the agreed or customary condition or usability, e.g. insignificant deviations in colour, dimensions and/or quality or performance characteristics of the products.
- 1.9. Our warranty obligation extends only to the delivery of newly manufactured products. Unless otherwise agreed, used products are sold as seen, excluding any warranty.

For more warranty information, please see the hygger website.

8. DISPOSAL

Do not dispose of this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary. This product has to be disposed of at an authorized place for the recycling of electrical and electronic appliances rather than being disposed of together with the domestic waste. Collecting and recycling waste is a way of saving natural resources. So, please consult with your local seller to make sure the product is disposed of in an environmentally friendly way.



9. CONTACT INFORMATION

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Have a question? We're here to help:
USA Call: +1 (909) 590-2880
Mon-Fri: 9:00 am - 5:30 pm PST Sat-Sun: Closed

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