



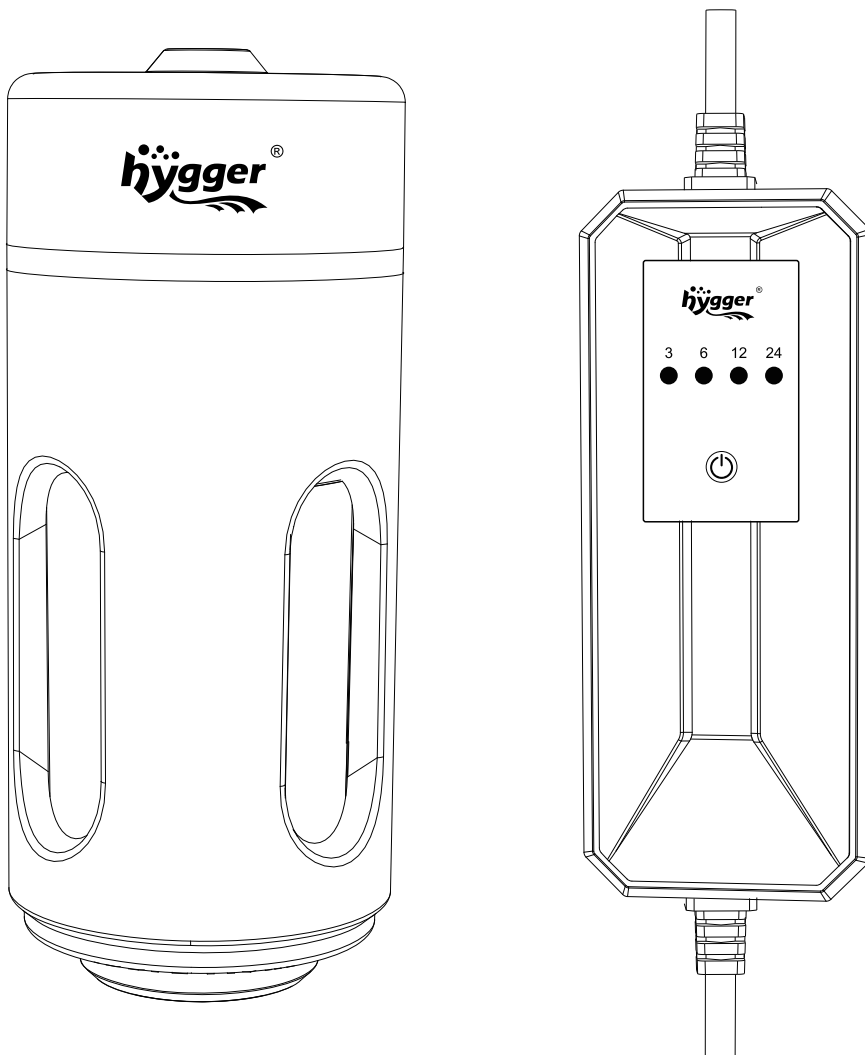
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HG191 USER MANUAL

hygger Sweeper Aquarium Clean Light



The hygger Sweeper Aquarium Clean Light is engineered to effectively eliminate the proliferation of bacteria, yeast, algae, molds, and other detrimental microorganisms.

Please read this manual carefully before use and keep it for future reference; follow the instructions to ensure proper use.

1. PRODUCT FEATURES

Enhanced Clarity and Health: This Sweeper Aquarium Clean Light is crafted for sterilization, green algae removal, and water clarity restoration, guaranteeing a pristine and wholesome habitat for your aquatic pets.

Safety Shield Feature: To safeguard you and your fish, our compact lighting units are fitted with a 360° protective shield that efficiently blocks harmful ultraviolet rays, ensuring a safe environment.

Intuitive Timing and Memory: With a simple press of the power switch, you can select a timer setting of 3, 6, 12, or 24 hours to suit your needs. The light will then automatically manage the on/off cycle, with settings remembered for your convenience.

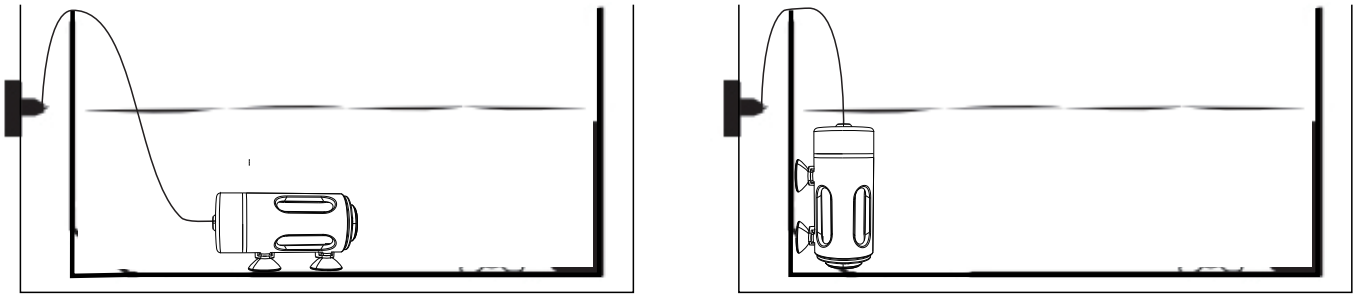
Versatile Aquarium Lighting: This space-saving light is designed for direct use in fish tanks. It is compatible with a wide range of aquarium styles and accommodates saltwater and freshwater environments.

2. PRODUCT SPECIFICATIONS

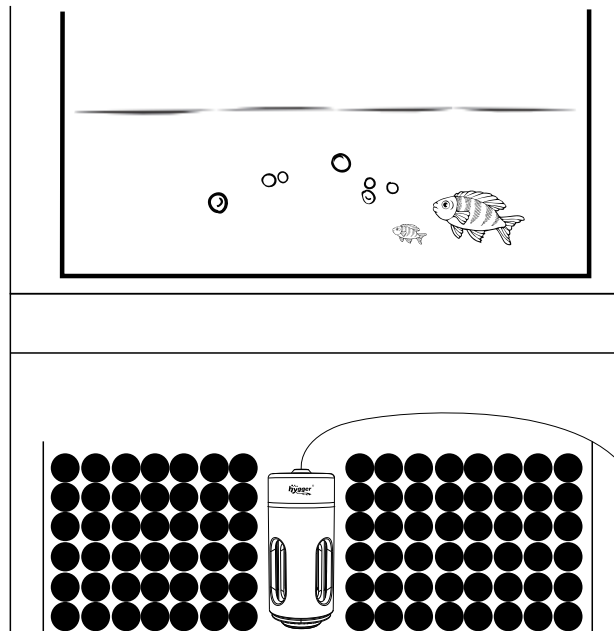
Model	HG191	
Volt/Freq	US standard: AC110-120V/60Hz UK/EU/AU standard: AC220-240V/50Hz	
Light Power	3W	5W
Light Source Type	UVC	
Power Cord	7.55FT (230CM)	
Product Size	Dia: 1.85"x4.57"(47x116MM)	

3. INSTRUCTIONS FOR USE

1. Unbox the product and inspect the UV light and power cord for damage. If any damage is found, avoid using the light.
2. Affix the UV light to the desired position and angle on the aquarium or fish tank wall using the suction cups.



Picture 1 Installed in the aquarium



Picture 2 Installed in the aquarium bottom filter

3. To address light leakage, the light outlet on the protective cover can be adjusted according to the actual conditions. This adjustment ensures the fish's and your safety without compromising the sterilization efficacy.



Picture 3



Picture 4



Picture 5

Picture 3 Adjustable light shield

Picture 4 Open the light shield (Ideal for use in tanks without fish)

Picture 5 Close the light shield (Ideal for use in tanks with fish)

4. Connect the power supply and start using it.
5. Select the lighting duration according to your needs. Options include 3H, 6H, 12H, or 24H daily. Press the SET button to choose the desired duration. For instance, if you select 3 hours, the 3H yellow indicator light will illuminate, and the UV light will operate for 3 hours. After the 3-hour cycle, the indicator light will flash, signaling the UV light to turn off. The UV light will automatically resume operation the following day at the time initially set. To activate or deactivate the UV light, hold the SET button for 3 seconds.

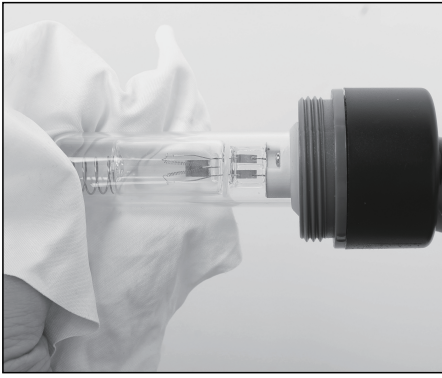
Caution: UV light is hazardous to human health. Avoid direct exposure to the eyes without proper protection.

6. To maintain optimal transmittance, the light requires regular cleaning. Accumulation of any residue on the exterior of the light can reduce its cleaning efficiency. It is recommended that the light be cleaned every few months to prevent a gradual decline in transmittance over time.
7. If the desired cleaning effect is not achieved upon initial use, you can troubleshoot the issue by considering the following aspects.
 - A. Reduce the water flow speed. Typically, the water should contact the light for at least 1 second (for light with an intensity $>3000\mu\text{W}/\text{cm}^2$).
 - B. Extend the operation time of the light, as the cleaning effect will improve in direct proportion to the increased exposure time.
8. Operating the UV light for 3 hours daily is recommended to maintain water quality in a stable fish tank environment.

How to clean the UV light

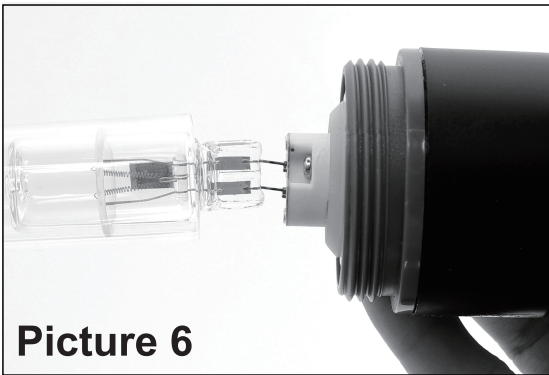


Step 1 Unscrew the light shield

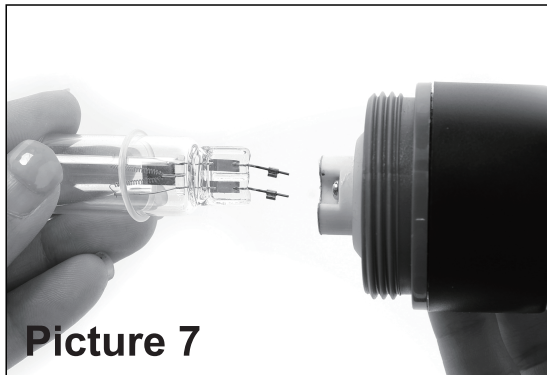


Step 2 Clean the quartz glass light tube

Tube Replacement: Operate only when it is necessary to replace the UV light bulb.



Picture 6



Picture 7

Step 1 Pull out the quartz glass light tube (Picture 6)

Step 2 Pull out the UV bulb and replace it (Picture 7)

Step 3 Reinsert the quartz glass light tube



Picture 8



Picture 9

Step 4 Ensure that the light tube is securely installed (Picture 8)

Step 5 Install the light shield (Picture 9)

NOTE: The white rubber ring and the bottom spring of the light tube are essential for securing the ultraviolet light tube and preventing damage, please ensure that these components are not misplaced.

4. ATTENTION

- This product is equipped with functions to sterilize, eliminate green algae, and restore water clarity.
- It features an automatic on/off memory function that operates daily. In the event of a power failure, it will resume operation in the previous state once power is restored. There might be a slight delay in the originally set time, which is normal, and the total usage time will remain unchanged.
- The power plug and UV time controller are not waterproof. Keep them away from water and moisture. Never touch the power plug with wet hands; always turn off the power before cleaning.
- Ensure the working voltage matches the voltage specified for the UV light to prevent damage.
- Protect your eyes from direct exposure when cleaning or replacing the UV lamp. This should be done during a power outage or while wearing protective eyewear.
- If the product malfunctions, it should only be repaired by a professional to ensure safety and proper functioning.
- This product is not a toy. Keep it out of reach of children to prevent accidents.
- Before use, ensure all interfaces of the germicidal lamp are tightly sealed to prevent water ingress, which could cause safety issues.
- The UV light is designed to operate within a temperature range of 40°F to 95°F (4°C to 35°C). To ensure optimal performance, ensure the environment is within this range.

5. 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. Close supervision is necessary when the UV light is used near children.
4. 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.
5. To avoid injury, do not contact moving or hot parts.
6. 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.
7. 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.
8. Do not install or store the UV light where it will be exposed to extreme weather or temperatures below freezing.
9. Make sure the UV light is securely installed before operating it.

10. Read and observe all the important notices on the UV light.
11. 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.
12. The UV light is intended FOR HOUSEHOLD USE ONLY.
13. SAVE THIS USER MANUAL.

6. HYGGER LIMITED MANUFACTURER'S WARRANTY

We offer the end user of this product a manufacturer's warranty of 3 (2) years 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 3 (2) years 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 3 (2) years 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 cup, light shield, light sources pH electrodes, Spring, rubber ring, 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.

7. 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.



8. PACKING LIST

1x UV light with timer

2x Suction cup

1x User manual

9. CONTACT INFORMATION

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Mon-Fri: 9:00 am - 5:30 pm PST Sat-Sun: Closed

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MADE IN CHINA