



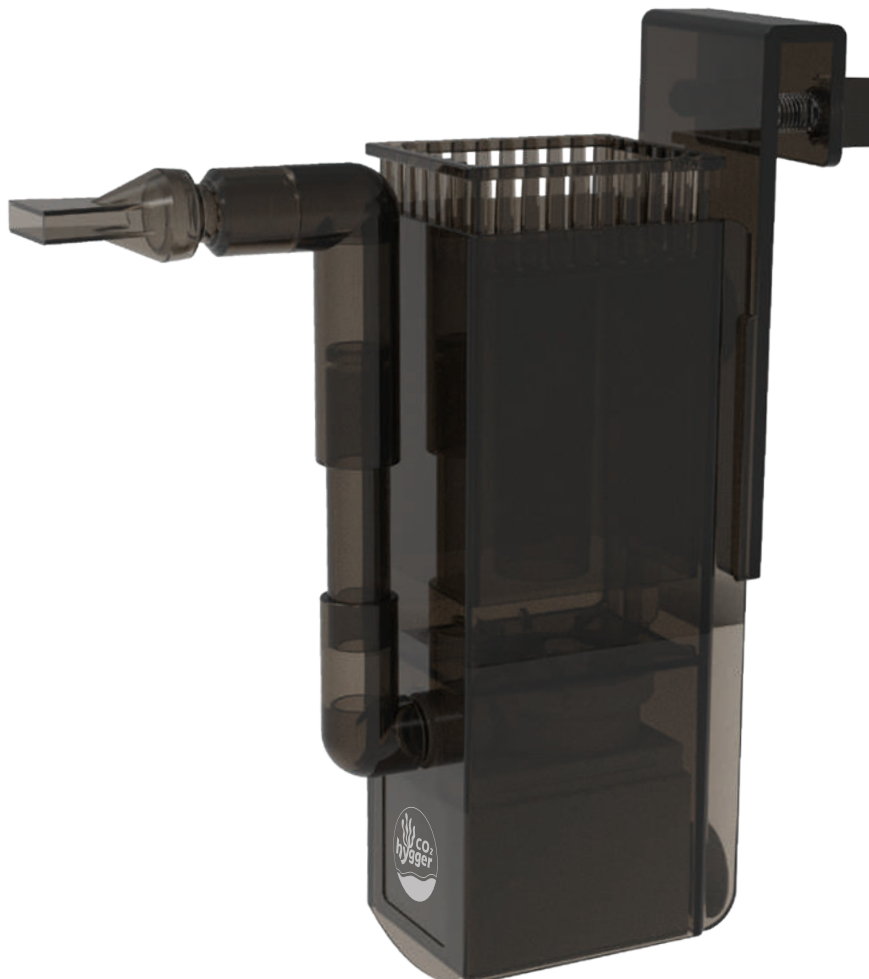
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HC030 User Manual

Hygger CO2 Oil Film Skimmer



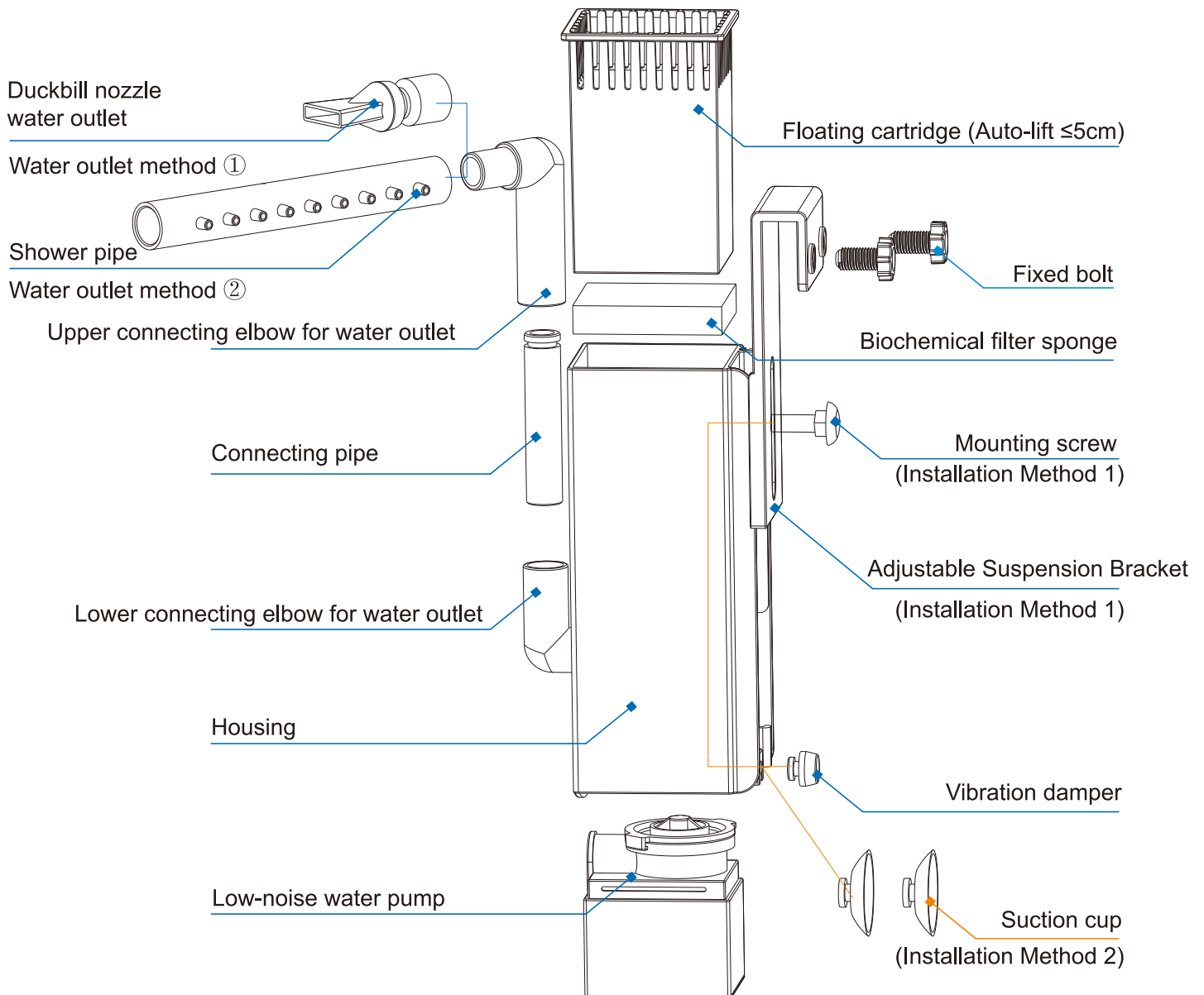
PRODUCT OVERVIEW

This aquarium oil film skimmer efficiently removes oil films caused by fish feed, excretions, or dust particles. It maintains water clarity, enhances dissolved oxygen levels, and promotes healthier aquatic ecosystems for fish/plants.

For optimal performance, carefully read this manual before installation and operation.

1. PRODUCT FEATURES

1. High-efficiency oil film removal
2. Integrated oxygenation and water current generation
3. Quiet operation with low energy consumption
4. Safe and user-friendly design



2. PACKING LIST

1x Oil film skimmer
1x Floating cartridge
1x Shower pipe
1x Duckbill nozzle water outlet
1x Upper connecting elbow for water outlet
1x Connecting pipe
1x Lower connecting elbow for water outlet
2x Fixed bolt
2x Suction cup
1x User manual

3. PRODUCT SPECIFICATIONS

Model	Voltage	Power	Flow (Max)
HC030-6W	Input: 110-120V 60HZ	6 W	132 GPH

Installation Methods

1. Suspension Bracket Mounting

Adjust the length of the adjustable bracket appropriately → Tighten the mounting screw → Attach the skimmer on the aquarium wall → Secure with fixed bolts (as shown in the figures).



2. Suction Cup Mounting

a.Remove the adjustable bracket from the mounting screw



b.Detach the vibration damper

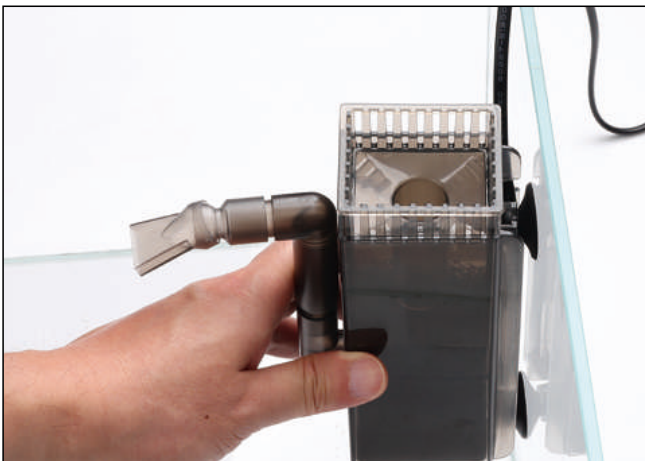


c.Install two suction cups



d.Position the skimmer at desired location

e.Attach to the aquarium's inner wall (as shown in the figures).



Dual Water Outlet Methods

Duckbill nozzle water outlet and shower pipe outlet

4. TROUBLESHOOTING

Please note: Always disconnect the appliance from the power supply before troubleshooting.

Issue	Cause	Solution
The pump fails to start	No power	Check the power plug connection
	Burned-out pump	Replace the pump
No flow or low flow	Impeller rotor jammed	Clean the impeller rotor
	Clogged inlet/outlet/filter sponge	Clear blockages in the inlet/outlet/filter sponge
The pump shuts off shortly	Contaminated water	Replace with clean water
	Water temperature exceeds 95°F (35°C)	Maintain water temperature $\leq 95^{\circ}\text{F}$ (35°C)

5. MAINTENANCE

1.Before performing product maintenance, disconnect all electrical equipment and power plugs in the water.

2.Impeller Cleaning Steps

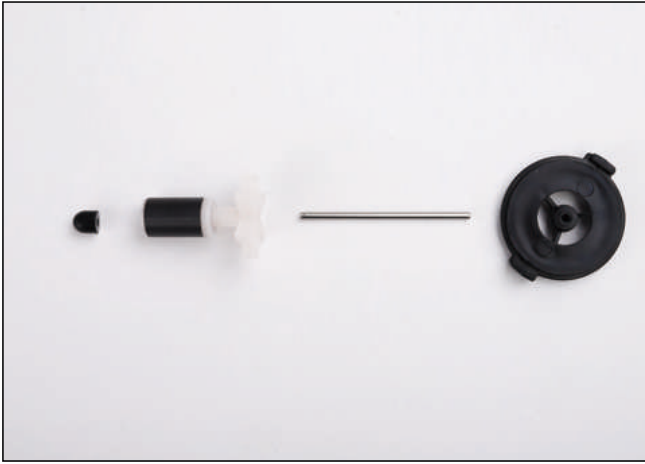
A.Remove the lower connecting elbow for the water outlet, then extract the water pump.



B.Press and hold the impeller seat while rotating it counterclockwise to remove it from the rotor hole.



C.Remove the shaft sleeve, followed by the impeller, rotor, and stainless steel shaft.



D.Clean the impeller, rotor, stainless steel shaft, and rotor hole.



E.Reassemble the stainless steel shaft, impeller, and rotor into the impeller seat, then install the shaft sleeve.



F.Attach the impeller seat to the rotor hole and rotate clockwise to lock securely.



G.Reinstall the water pump into the housing and reattach the lower connecting elbow for the water outlet.

6. ATTENTIONS

1. Operate the product strictly within the voltage and frequency range indicated on the product. Do not use it outside the specified range.
2. Do not let the product run dry or operate out of water, as this may damage the pump.
3. The product must be fully submerged in water during operation.
4. This product is designed for freshwater only. Do not use it with flammable liquids, acidic liquids, or corrosive liquids.
5. Operate the product within a water temperature range of 39.2°F-95°F (4°C-35°C). Exceeding this range may cause damage.
6. If the power cord is damaged, discontinue use immediately.

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. HYGGER LIMITED MANUFACTURER'S WARRANTY

We offer the end user of this product a manufacturer 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 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.

9. CONTACT INFORMATION

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USA Call: +1 (909) 590-2880
Mon-Fri: 9:00 am - 5:30 pm PST Sat-Sun: Closed



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