

hygger HG238-JP

hygger HG238 Hang-on Aquarium Filter (Size M) - User Manual

Model: HG238-JP

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IMPORTANT SAFETY INSTRUCTIONS

- Read all instructions carefully before use.
- This appliance is for indoor aquarium use only.
- Ensure the power supply voltage matches the rating label on the filter.
- Always unplug the filter from the power outlet before performing any maintenance, cleaning, or when not in use.
- Do not operate the filter if it has a damaged cord or plug, or if it malfunctions or has been dropped or damaged in any manner.
- To avoid electric shock, do not immerse the power plug or cord in water or other liquids.
- Keep the filter out of reach of children.
- Ensure the filter is securely attached to the aquarium before operation.
- Not suitable for framed aquariums. Please check your aquarium type before installation.

PACKAGE CONTENTS

Please verify that all components are present and undamaged upon opening the package.

- Filter Unit (Main body with motor)
- Inlet Pipe Assembly
- Outlet Nozzle
- Activated Carbon Filter Cotton

- Overflow Prevention Cotton
- Sponge Protection Cover for Inlet
- Adjustable Hanging Hook (5-15mm)

外掛け式フィルター

小型水槽にピッタリ!

④ 排水口:

活性炭スポンジでろ過された水を排出する

③ 排水穴:

溢れた水をバイオスポンジでろ過してから排出する

② 油膜取り:

油膜が浮かんだ水面の水を吸い取る

① 水中吸水口:

不純物を含んだ水槽の水を吸い上げる



Figure 1: Exploded view of the hygger HG238 filter components. Shows the main filter body, inlet pipe, outlet, filter media, and hanging mechanism.

SETUP GUIDE

1. **Assemble the Inlet Pipe:** Connect the various sections of the inlet pipe and attach the sponge protection cover to the bottom.



Figure 2: Illustration of assembling the inlet pipe components.

2. **Install Filter Media:** Place the activated carbon filter cotton and overflow prevention cotton into the filter compartment. Ensure they are correctly seated.

階段状掛けフック

さまざまな厚さの水槽に対応可能



Figure 3: Diagram showing the placement of filter media within the unit.

3. **Attach to Aquarium:** Securely hang the filter unit onto the edge of your aquarium using the adjustable hanging hook. The hook is designed for tank glass thickness between 5-15mm. **Note: This filter is not compatible with aquariums that have a frame around the edge.**

階段状掛けフック

さまざまな厚さの水槽に対応可能



Figure 4: The filter unit securely attached to the aquarium rim, showing the adjustable hook.

4. **Prime the Filter:** Before plugging in, add water to the filter compartment until it is full. This will initiate the self-priming process.



Figure 5: Adding water to the filter compartment to prime it before starting.

5. **Connect Power:** Plug the filter into a suitable power outlet. The filter should start operating automatically.

Your browser does not support the video tag.

Video 1: Demonstrates the setup and initial operation of a hygger aquarium filter, including connecting the power. This video shows the filter starting and circulating water.

OPERATING INSTRUCTIONS

Water Flow Adjustment

The filter features an adjustable knob on the top, allowing you to control the water flow rate up to a maximum of 400L/H. This is beneficial for aquariums with fish that prefer gentler currents, such as Medaka, Betta, or Ryukin goldfish.



Figure 6: Close-up of the water flow adjustment knob on the filter unit.

Oil Film Removal Function

The filter is equipped with an oil film removal function to maintain a clear water surface, enhancing the viewing experience of your aquarium inhabitants.

水循環

水流を通じて水中の酸素量を増加

⚠️ ご注意 ⚠️

水槽の水位は最低水位
を必ず上回るようにしてください



Figure 7: Visual representation of the oil film removal function, showing a clean water surface.

Oxygen Supply (Aeration)

The design of the filter, where water is drawn up and then falls back into the tank, also provides aeration, effectively circulating oxygen throughout the aquarium. This creates an ideal environment for fish and shrimp.

取り外し可能な設計

フタ

ろ過スポンジ

モーター

延長パイプ

水流調節

油膜取り

保護カバー



Figure 8: Diagram illustrating oxygen circulation and aeration within the aquarium.

MAINTENANCE

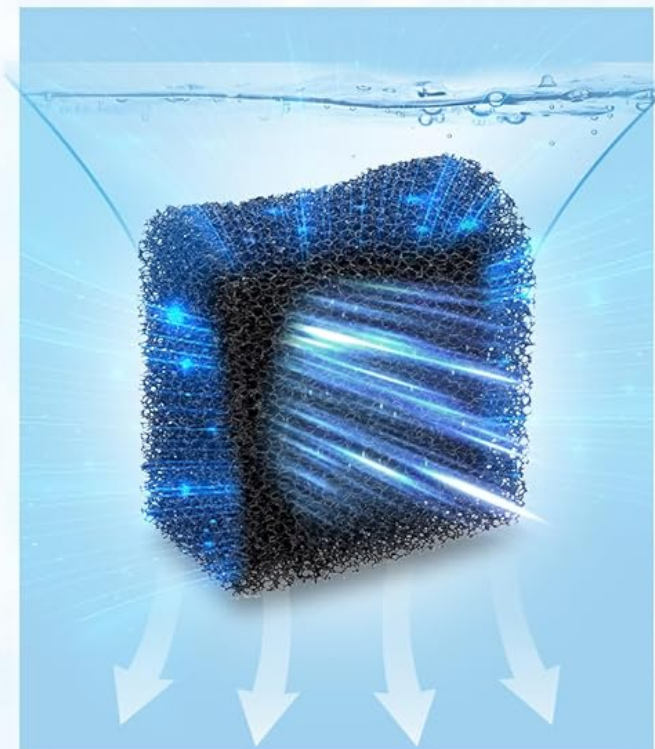
Regular maintenance is crucial for optimal filter performance and water quality. Always unplug the filter before performing any maintenance.

Cleaning Filter Media

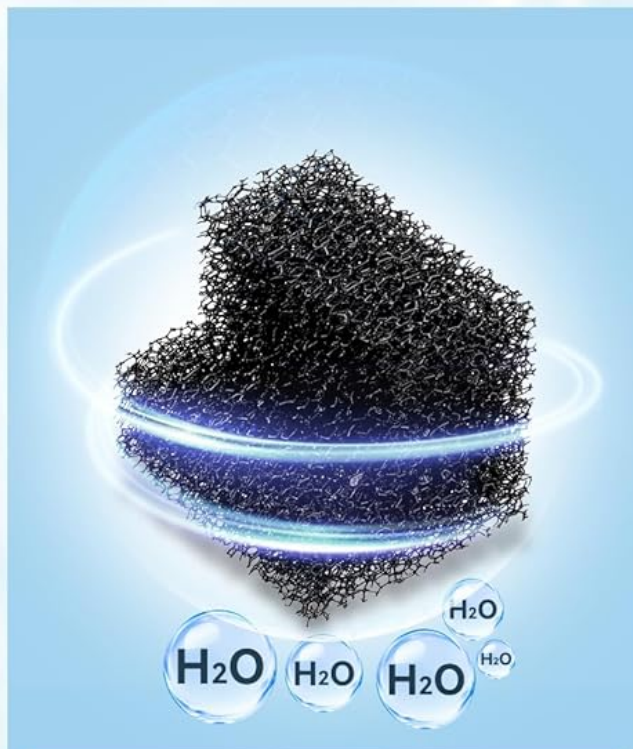
- The filter utilizes multiple media types, including activated carbon filter cotton and overflow prevention cotton.
- These media can be replaced individually as needed.
- Rinse the filter media with old aquarium water during water changes to preserve beneficial bacteria. Avoid using tap water directly, as chlorine can harm bacteria.

水質をきれいに浄化

魚に健康的な生活環境を提供



活性炭スポンジ
臭いを吸着して水質を改善



バイオスポンジ
ろ過や水溢れ防止用



Figure 9: Illustration of the multi-stage filtration media, including activated carbon and overflow prevention cotton.

Cleaning the Filter Unit

- Periodically disassemble the filter unit to clean the impeller and internal components.
- Use a soft brush to remove any accumulated debris or algae.
- Ensure all parts are reassembled correctly before restarting the filter.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Filter not starting/no water flow	<ul style="list-style-type: none"> ◦ Not plugged in ◦ Insufficient priming water ◦ Impeller jammed or dirty ◦ Air lock 	<ul style="list-style-type: none"> ◦ Check power connection. ◦ Add more water to the filter compartment until full. ◦ Unplug, remove impeller cover, clean impeller. ◦ Gently shake the filter to release trapped air.
Reduced water flow	<ul style="list-style-type: none"> ◦ Clogged filter media ◦ Dirty impeller ◦ Inlet pipe obstructed 	<ul style="list-style-type: none"> ◦ Clean or replace filter media. ◦ Clean the impeller. ◦ Check and clear any obstructions in the inlet pipe.
Excessive noise	<ul style="list-style-type: none"> ◦ Air trapped in filter ◦ Impeller dirty or damaged ◦ Filter not securely mounted 	<ul style="list-style-type: none"> ◦ Gently shake the filter to release air. ◦ Clean or replace the impeller. ◦ Ensure the filter is firmly attached to the aquarium.

SPECIFICATIONS

Feature	Detail
Model Number	HG238-JP
Size	M
Max Flow Rate	400 L/H
Applicable Tank Volume	Approx. 20-38 L
Applicable Tank Length	Up to 50 cm
Applicable Tank Edge Thickness	5-15 mm (unframed tanks only)
Noise Level	Below 25 dB

Feature	Detail
Water Type	Freshwater and Saltwater
Features	Adjustable Water Flow, Oil Film Removal, Multi-stage Filtration, Oxygen Supply, Anti-suction Sponge Cover

製品仕様

HG238-S



HG238-M



HG238-L



型番	消費電力	電圧/周波数	最大流量	適用壁厚さ	推奨水流量	推奨水槽
HG238-S	3.5W	AC100-110V 50/60Hz	300L/H	5mm以内	20L以内	40cm以内
HG238-M	4.5W		400L/H	5-15mm	20-38L	50cm以内
HG238-L	5.5W		500L/H	5-15mm	38-75L	60cm以内

Figure 10: Comparison of different sizes (S, M, L) of the HG238 filter and their respective specifications.

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the contact details provided with your purchase or visit the official hygger website.

Keep your purchase receipt as proof of purchase for warranty claims.