

E-mail: distributor@hyggeraquarium.com Website: www.hyggeraquarium.com

HC047 USER MANUAL

Hygger CO2 Regulator

Support

E-mail： CO2@hygger-online.com

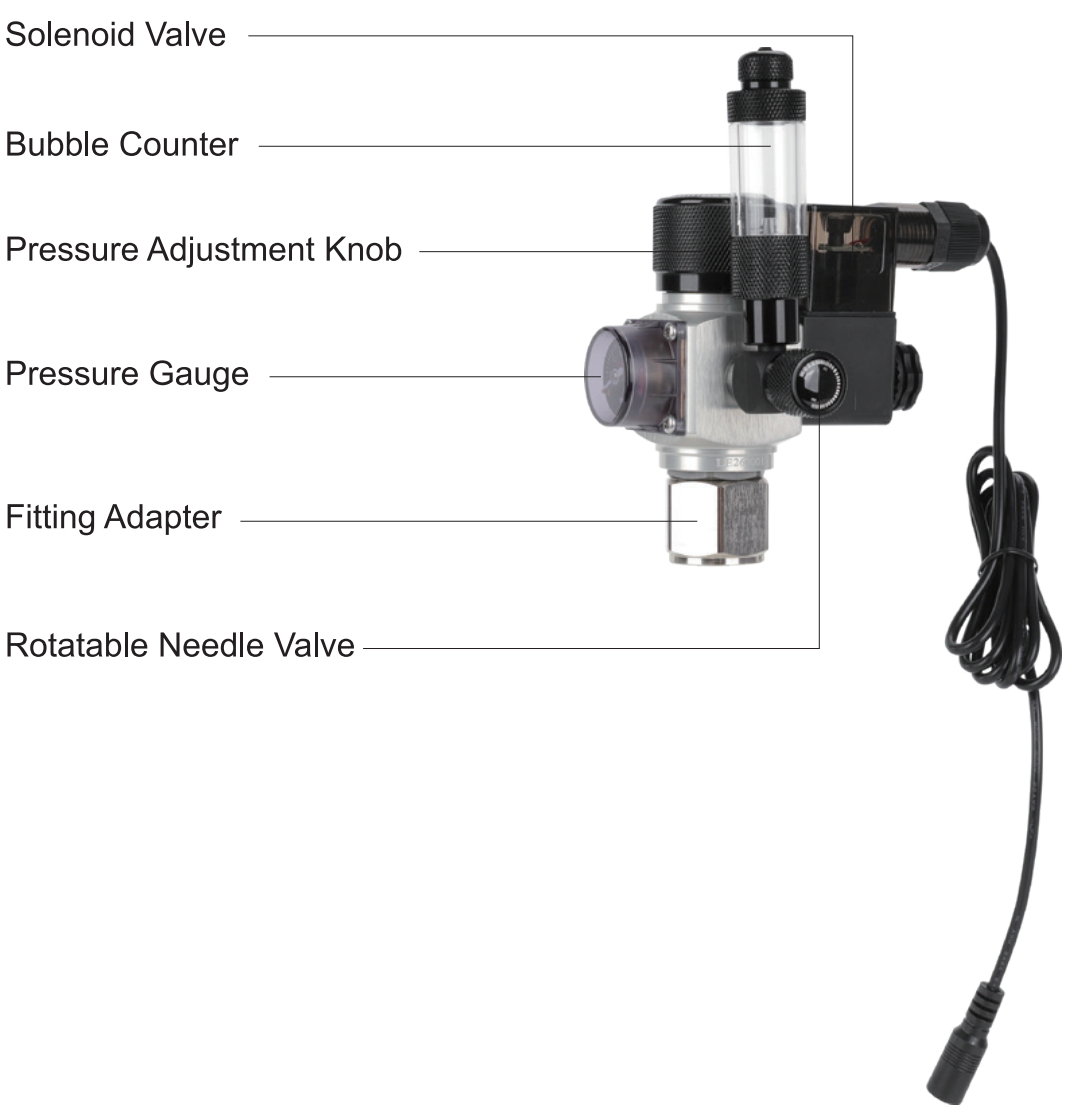


1. PRODUCT OVERVIEW

Specially designed for planted aquariums and aquatic ecosystems, this precision-engineered regulator integrates safety, accuracy, and ease of use. Effortlessly maintains optimal CO2 levels in water, providing stable conditions for aquatic plant photosynthesis and ensuring complete safety for fish and shrimp.
This product is compatible with:
US standard cylinders: CGA 320
Disposable cartridges: 5/8"-18 UNF

2. PACKING LIST

1x Regulator
1x Bubble Counter
1x Adapter
1x Fitting Adapter
1x Open-End Wrench (27mm)
1x User Manual



3. INSTALLATIONS

1. Regulator Installation Steps

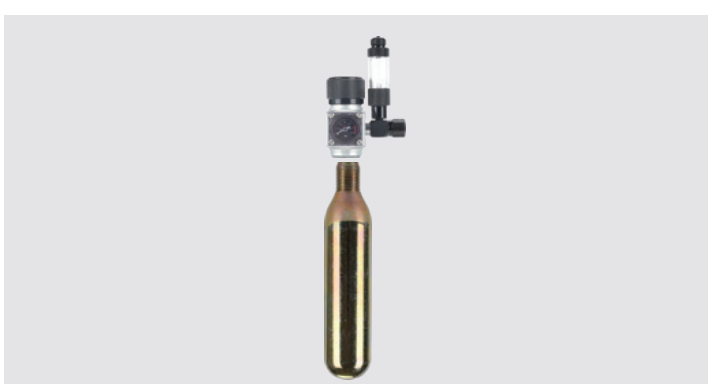


Close the needle valve clockwise

2. Verify the cylinder type



US standard cylinders: CGA 320



Disposable cartridges: 5/8"-18 UNF

3. Install the cylinder

Mount the CO2 regulator onto the CO2 cylinder and hand-tighten. Then use the included wrench to tighten the cylinder adapter nut.





NOTE: For disposable cartridges (5/8"-18 UNF), first remove the adapter using the open-end wrench. Then quickly thread the regulator onto the cartridge valve inlet by hand.





IMPORTANT: A small amount of gas leakage during tightening is normal. Continue tightening quickly until the leak stops.

4. Remove the bubble counter cap, fill it 2/3 full with water, then tighten the cap back on.



5. Screw the bubble counter onto the needle valve thread and tighten.



6. Remove the lock nut from the bubble counter cap, insert the tube into the barb fitting, then tighten the lock nut to secure.



7. Connect to power





8. Open the cylinder valve. Turn the pressure adjustment knob clockwise to set the output pressure above 0.2 MPa (30 PSI), but do not allow the gauge needle to enter the red zone.



9. Turn the needle valve counterclockwise to adjust to the desired bubble rate.



4. TROUBLESHOOTING

FAQ		
	Issues & Causes	**Solution**
No gas comes out of the bubble counter	Shortage of the water	Add water to the bubble counter
	The regulator is turned off	Turn the regulator knob clockwise to reset the output pressure
	The solenoid valve is not powered on	Plug the solenoid valve adapter into the power supply
	The solenoid coil burns out	Replace the solenoid coil
	The needle valve is off	Open the needle valve
	The CO2 tank runs out of gas	Replace the CO2 tank

5. 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.

6. 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.



7. CONTACT INFORMATION

Distributed by: Hygger Aquarium, Inc.
13941 Magnolia Ave, Chino, CA 91710

E-mail: distributor@hyggeraquarium.com
Website: www.hyggeraquarium.com

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Have a question?
We're here to help:
Mon-Fri: 9:00 am - 5:30 pm
PST Sat-Sun: Closed

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