

Thank you for choosing Reef Fanatic CO2 regulator. Our CO2 regulator is equipped with two gauges, 110V electronic solenoid valve, and precision needle valve. The left gauge is the remaining pressure gauge. Use it only as a rough reference. Reading of this gauge does not drop until the cylinder has about 1 to 3 days of CO2 supply left. The right gauge is the working pressure gauge. This working pressure is preset at the factory.

Note: You may need some Teflon tape (not included) before you begin the setup procedure.

Setup

1. Place the white washer in the female connector of the regulator and connect the regulator to CO2 cylinder.
2. Tighten the connection securely. Teflon tape should also be used for all connections to prevent leak.
3. Attach the tube from the calcium reactor to the needle valve. Needle valve should remain in the close position (completely turned clockwise).
4. Plug the power cord of the solenoid valve to pH controller. If your setup does not utilize pH controller, power cord goes to AC outlet.
5. Slowly open the main CO2 cylinder valve (located on top of the cylinder). You do NOT need to open the main valve all the way. A couple of turns should do the job.
6. The working gauge (right gauge) should read approximately 2 to 3 kg.
7. Slowly open the needle valve to desired setting.

Note: The setup procedure stated above is very general. Please consult the calcium reactor manufacturer for your specific setup.

FAQ

I hear a hissing noise.

Sometime it is normal for the system to hiss for a few seconds when first setup. If it hisses continuously, then there is a leak. Check all connections and use a wrench to tighten if necessary. Remember to use Teflon tape for all connections.

The remaining pressure gauge registers a reading just fine, but drops back to zero after a few minutes.

This is due to the fact that cylinder valve is not opened enough to enable a steady flow of CO2 gas. Open it more slowly.

I unplug the solenoid valve but CO2 is still bubbling.

CO2 is built up within the regulator and will slowly ooze out until it is all vented.

Important

- Please note that CO2 regulator unit is not waterproof and MUST be operated on a dry surface.

Warranty

- Reef Fanatic offers a six months warranty limited warranty from the purchase date. A proof of purchase is required for warranty claim.
- Any defective product MUST be sent freight prepaid with a proof of purchase supporting the warranty claim to Reef Fanatic Inc.
- If you have any further questions, please email us at reef@reeffanatic.com.



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