

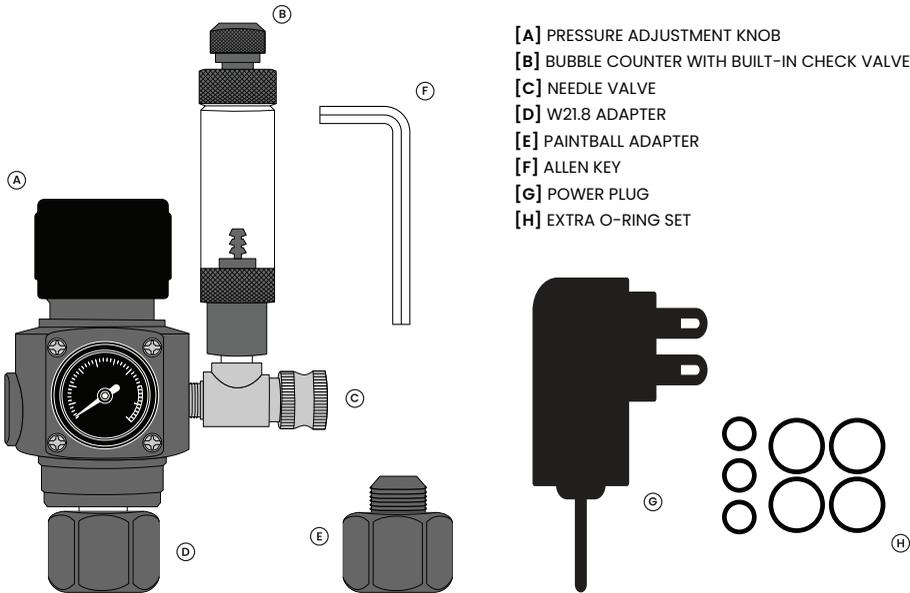
Before usage and installation, thoroughly inspect the unit for any defects, damages or missing parts. If a part is missing or damaged, contact your Ultum Nature Systems dealer immediately.

- Ensure that all parts of the regulator are secured tightly.
- If dust is visible, remove with a clean cloth.
- Once regulator is attached to CO2 cylinder, keep CO2 system standing upright.
- Double check all power connections to ensure they are connected properly and securely.
- Turn pressure and needle valve knobs down completely before powering on.

FOR MORE INFORMATION PLEASE VISIT: [WWW.ULTUMNATURESYSTEMS.COM/CO2/](http://WWW.ULTUMNATURESYSTEMS.COM/CO2/)

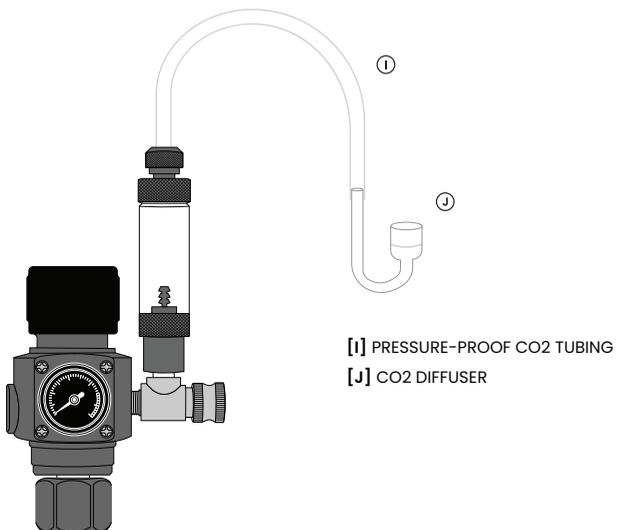


#### PACKAGE CONTENTS



#### ADDITIONAL ACCESSORIES

For a complete planted aquarium CO2 injection system, the following additional CO2 accessories are required. We recommend using Ultum Nature Systems CO2 accessories for best results.



**ULTUM NATURE SYSTEMS**  
 DESIGNED IN LOS ANGELES, USA  
 MADE IN CHINA

FOR MORE INFORMATION PLEASE VISIT: [WWW.ULTUMNATURESYSTEMS.COM](http://WWW.ULTUMNATURESYSTEMS.COM)

ULTUM NATURE SYSTEMS, INC. IS NOT RESPONSIBLE FOR ANY DAMAGE OR DEATH OF LIVESTOCK IN YOUR AQUARIUM. THIS INCLUDES, BUT IS NOT LIMITED TO, AQUATIC PLANTS, FISH AND/OR SHRIMP.

THIS PRODUCT IS INTENDED FOR AQUARIUM USE ONLY. KEEP AWAY FROM CHILDREN.



## SETUP GUIDE

Please follow the instructions below for safe CO2 regulator setup:

1. Turn Pressure Knob counter-clockwise all the way down **AND** Needle Valve clockwise all the way down. This is indicated by the “-” **AND** “OFF” sign respectively.
2. Ensure that the adapter (W21.8 or Paintball) of choice is tightened down correctly. Then, attach regulator securely to CO2 cylinder of choice.

**Note:** If you are using this regulator on an Ultum Nature Systems Disposable CO2 Cartridge, please remove any attached adapter.

3. Ensure that the Bubble Counter is secure and tightened. Then, fill Bubble Counter chamber with water from the top.

**Note:** Pressure-Proof CO2 Tubing should be attached during this time.

4. Connect the Power Plug to the regulator solenoid cable, then to a power outlet.

5. Open the flow of gas from CO2 cylinder all the way (applicable for standard W21.8 CO2 cylinders only).

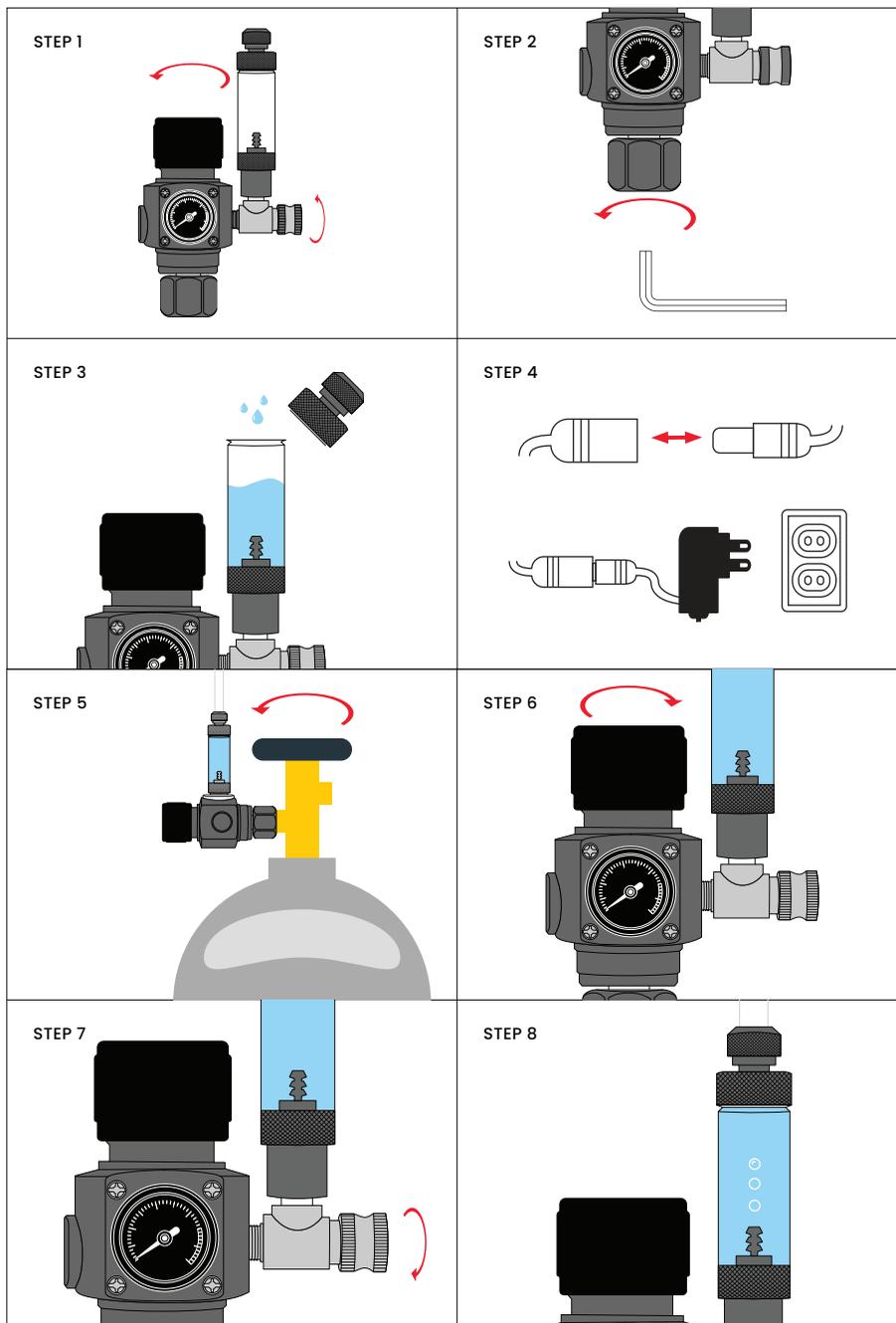
6. Turn the Pressure Knob clockwise to adjust the working pressure.

**Note:** Suggested working pressure is 25 PSI.

7. Adjust Needle Valve counter-clockwise to desired CO2 output.

8. CO2 bubbles should now be visible in the Bubble Counter chamber.

**IMPORTANT!** Double check that any and all additional CO2 accessories are attached securely before operation. If unsure, check and repeat instructions.



The Ultum Nature Systems Mini Regulator can be used on numerous CO2 cylinders depending on user preference. Applications include standard W21.8 cylinders, paintball cylinders, and Ultum Nature Systems Disposable 95g Cartridges. The performance of the regulator will not change based on application.

**IMPORTANT! USE THIS REGULATOR ONLY FOR CO2!**

STANDARD W21.8 CYLINDER  
with gauge and bubble counter  
facing upwards



PAINTBALL CO2 CYLINDER  
with included adapter



5/8 DISPOSABLE CO2 CARTRIDGE  
with pre-attached W21.8  
adapter removed

