AC INFINITY

CO_2 REGULATOR
ENVIRONMENTAL CONTROL

USER MANUAL

WELCOME

Thank you for choosing AC Infinity. We are committed to product quality and friendly customer service. If you have any questions or suggestions, please don't hesitate to contact us. Visit www.acinfinity.com and click contact for our contact information.

EMAIL
support@acinfinity.com

WEB
www.acinfinity.com

LOCATION
Los Angeles, CA

MANUAL CODE CRA2210X1

PRODUCT	MODEL	UPC-A
CO_2 Regulator	AC-CRA5	819137023345

MANUAL INDEX

Manual Index ..... Page 5

Product Warning ..... Page 6

Key Features ..... Page 8

Product Contents ..... Page 9

Installation ..... Page 10

Using the Regulator ..... Page 13

Other AC Infinity Products ..... Page 14

Warranty ..... Page 15

PRODUCT WARNING

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

1. Ensure your power source conforms to the electrical requirements of this product.

2. Check your local code restrictions for additional safety measures that may be needed for a proper code compliant installation.

3. Read all instructions before installing and using this product.

4. If you are unfamiliar or have doubts about performing this product's installation, seek the services of a qualified, trained, and licensed professional. Inappropriate installation will void this product's warranty.

5. Do not attempt to hardwire this product. Performing any retrofitting actions may result in personal injury and/or electrical damage, and will void this product's warranty.

6. This product must not be used near dry ice or in potentially hazardous locations such as flammable, explosive, chemical-laden, or wet atmospheres.

7. Follow local regulations concerning transportation, storage, use, and disposal of compressed gas and canisters.

8. Do not cover power cords with rugs or other fabric materials.

9. Do not operate this product while its cord is damaged, or if it malfunctions, has been dropped, or is damaged in any manner.

10. To ensure safe carbon dioxide levels, use in combination with a CO_2 monitor or cycle timer.

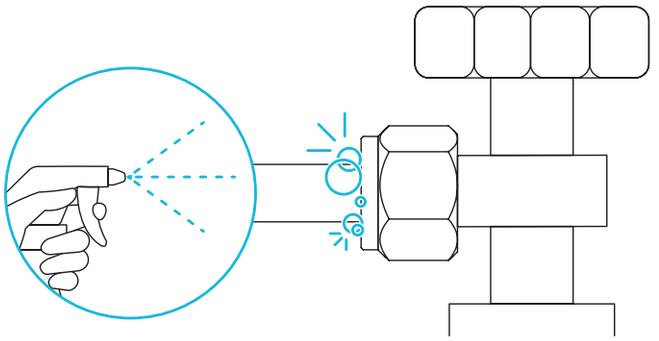
PRODUCT WARNING

MAXIMUM CO_2 LEVEL

Atmospheric CO_2 levels above 5000 ppm (parts per million) is hazardous to your health. If the gas concentration exceeds safe levels, properly ventilate and leave your space until its ppm levels decrease.

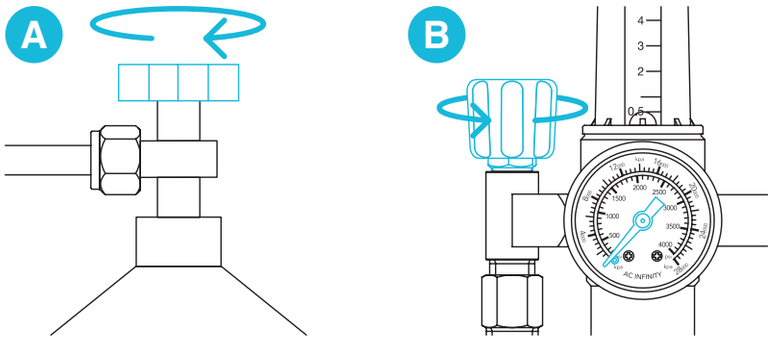
POTENTIAL LEAKAGE

Use caution when adjusting nuts and valves. Check for potential leakage after connecting to CO_2 canisters. Unplug the regulator and apply soapsuds onto the CO_2 nut. Look out for any hissing noises or bubbling for signs of leakage.



SAFE REMOVAL

Close the canister valve and open the regulator to release any remaining gas **before** disconnecting it from your CO_2 canister. You may disconnect the regulator from your CO_2 canister once the pressure gauge reads zero.

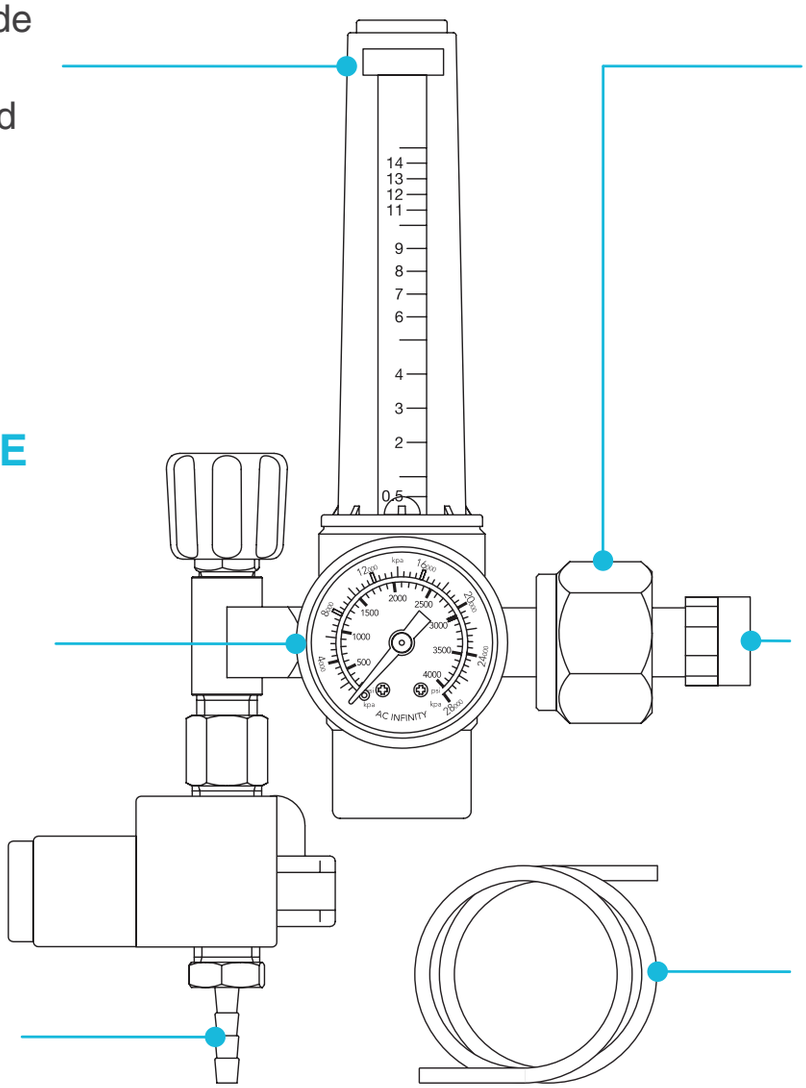


KEY FEATURES

CO_2 METER
Precision carbon dioxide meter measures the amount of gas released into your grow setting.

PRESSURE GAUGE
High accuracy gauge displays the current remaining CO_2 gas levels in your canister.

PROPER FLOW
Solenoid valve pipe crafted for steady and effective CO_2 delivery without leakage.

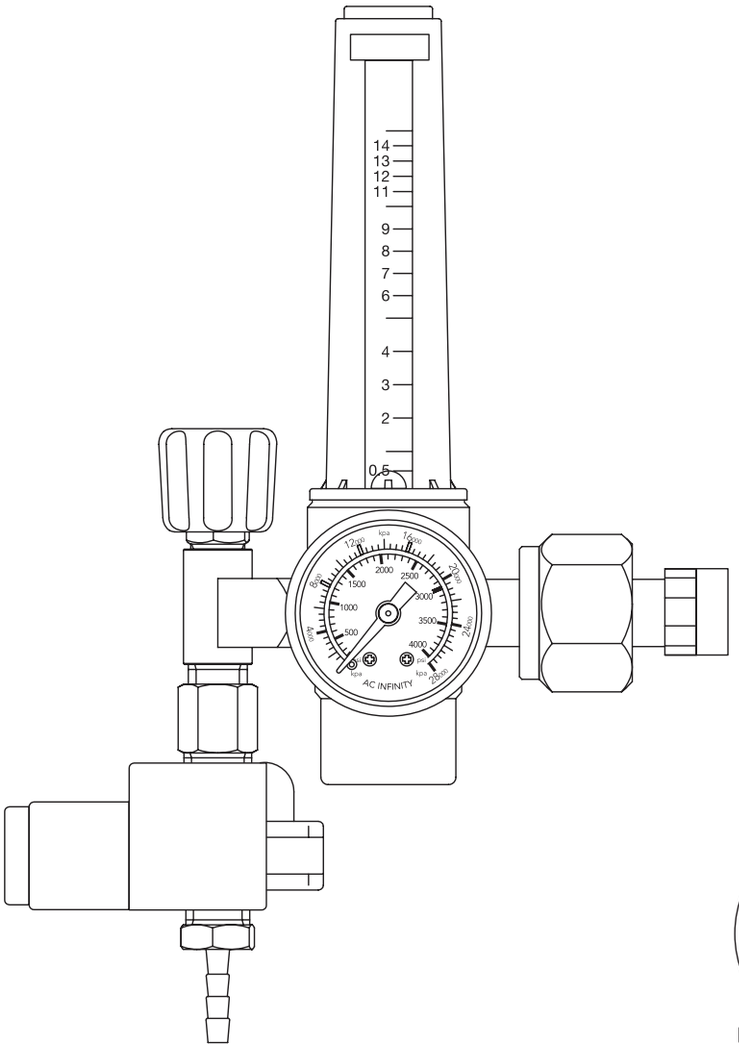


HEAVY-DUTY
Durable brass build ensures long-lasting performance and reliability in many grow settings and applications.

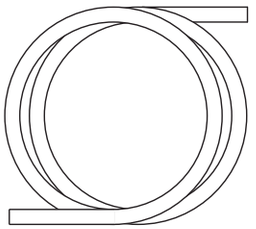
FIRM FIT
CGA-320 threaded inlet connects to CO_2 canisters and creates an airtight seal using the interior washer.

VERSATILE DELIVERY
Included plastic tube hosing provides efficient gas flow for convenient coverage over a flexible range.

PRODUCT CONTENTS



CO_2
REGULATOR
(x1)



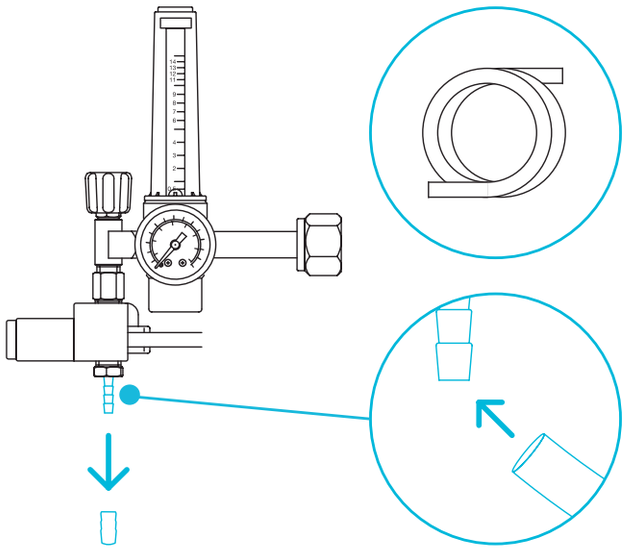
GAS
TUBE
(x1)

EXTRA INLET
WASHER
(x1)

INSTALLATION

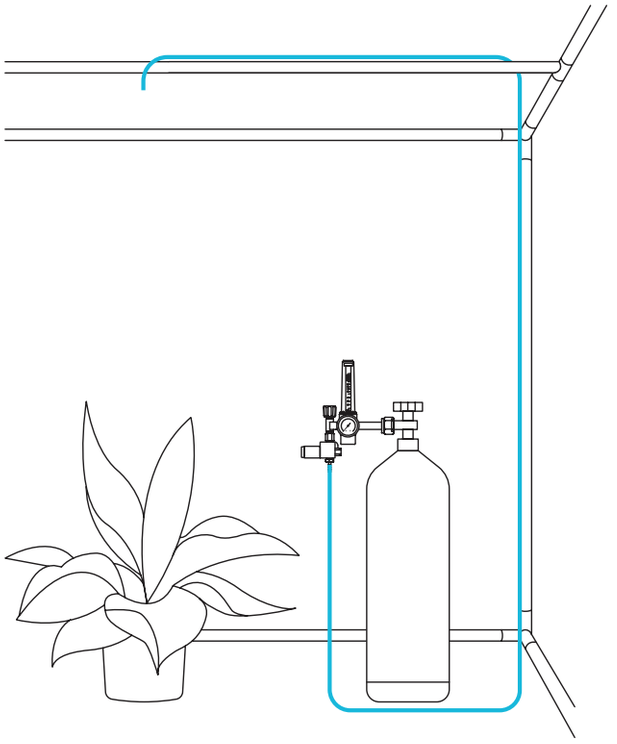
STEP 1

Remove the solenoid valve cover and insert the gas tube over the solenoid valve.



STEP 2

Place the end of the tube above your plants so that the CO_2 gas flows downward.

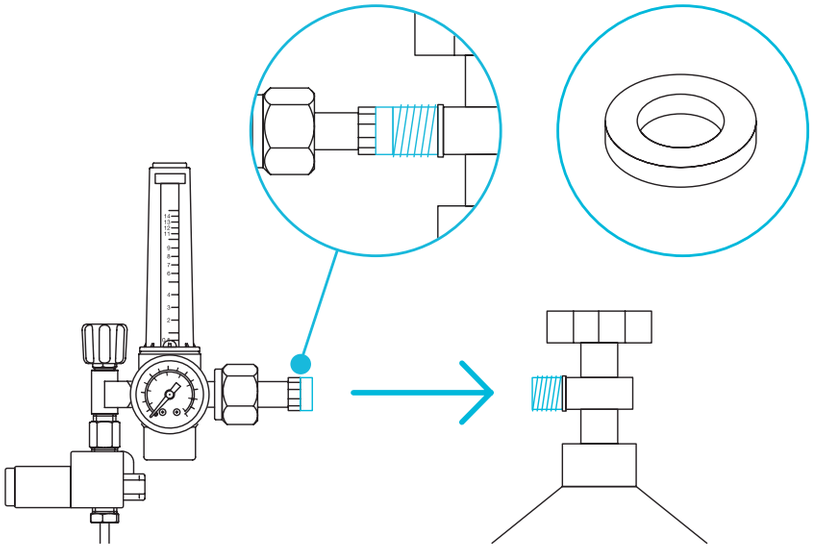


INSTALLATION

STEP 3

Align your regulator's inlet washer to your CO_2 canister's nozzle.

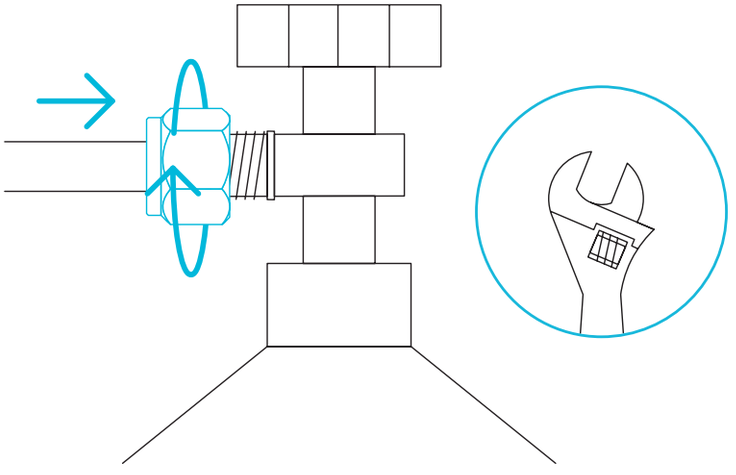
You can replace the washer once it's worn down by pulling it off from the inlet and pushing the included replacement back on.



STEP 4

Screw the CO_2 nut onto your CO_2 canister's nozzle using a wrench.

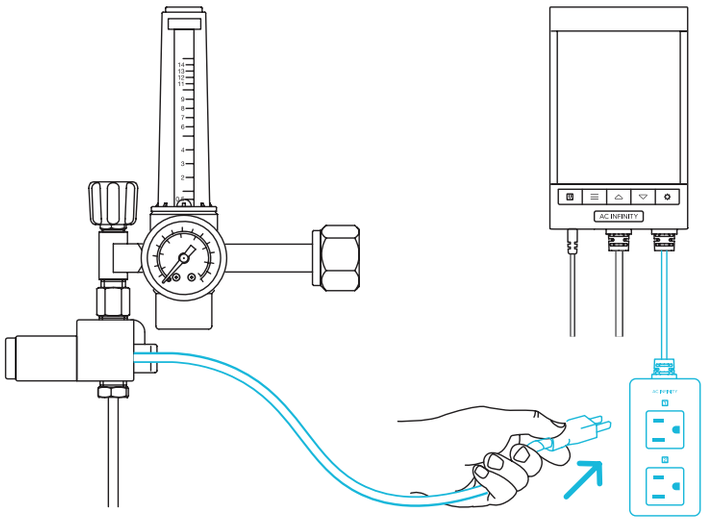
Make sure to tighten the nut completely to ensure a proper seal.



INSTALLATION

STEP 5

Plug your regulator into a CO_2 monitoring device or cycle timer.

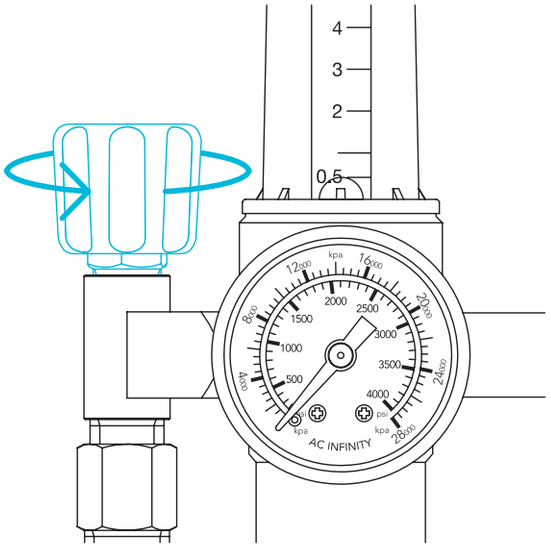


Shown: CO_2 Controller (AC-CTC7)

USING THE REGULATOR

STEP 1

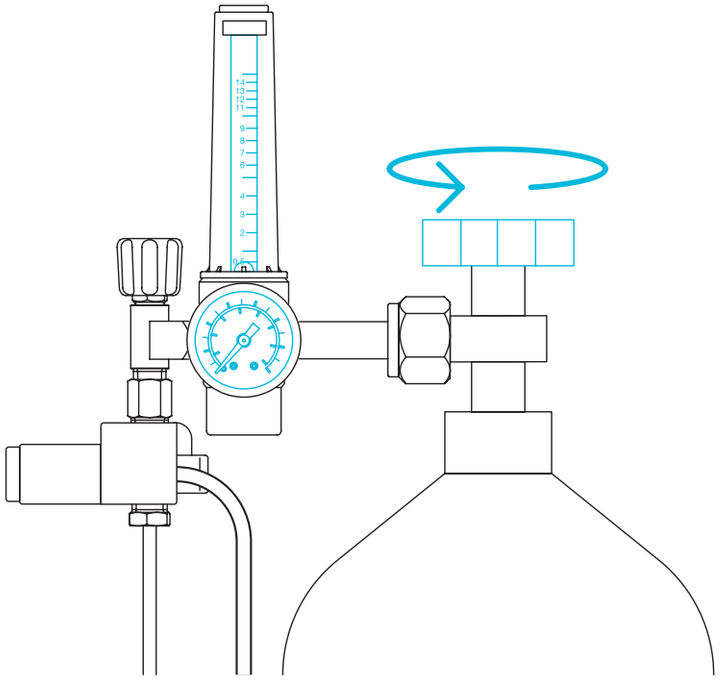
Slightly loosen the adjustment knob before releasing CO_2 gas.



STEP 2

Slowly release CO_2 gas from your canister. Twist the adjustment knob to adjust gas flow from your regulator.

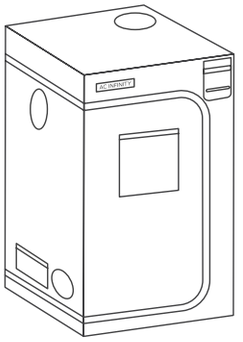
You can inspect the amount of gas flowing through using the CO_2 meter.



AC INFINITY PRODUCTS

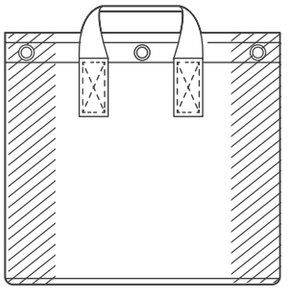
Advance Grow Tents

The CLOUDLAB series is a line of grow tents designed to create ideal growing conditions and facilitate indoor plant cultivation year-round. Features 2000D thick oxford canvas lined with inner diamond patterned mylar that maximizes grow light luminosity, and a reinforced frame with 150 lb. weight capacity. Includes a mounting plate to install your AC Infinity controller onto.



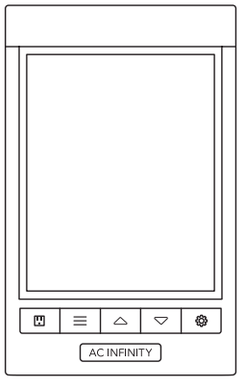
Fabric Pots

A set of gardening grow bags designed to create wider root networks and improve plant growth by air pruning roots while draining excess water. Features industry leading 500G thick nonwoven fabric sewn with metal rings to enable air-suspended hanging or twist tie passthrough for low stress plant training.



CO_2 CONTROLLER

A smart controller with a next-gen precision sensor designed to monitor and regulate outlet devices and help optimize carbon dioxide levels. Features intelligent programming including trigger modes, schedules, cycles, and tracking on an easy-to-read LED display to power and activate appliances such as fans and CO_2 generators.



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WARRANTY

This warranty program is our commitment to you, the product sold by AC Infinity will be free from defects in manufacturing for a period of two years from the date of purchase. If a product is found to have a defect in material or workmanship, we will take the appropriate actions defined in this warranty to resolve any issues.

The warranty program applies to any order, purchase, receipt, or use of any products sold by AC Infinity or our authorized dealerships. The program covers products that have become defective, malfunctioned, or expressively if the product becomes unusable. The warranty program goes into effect on the date of purchase. The program will expire two years from the date of purchase. If your product becomes defective during that period, AC Infinity will replace your product with a new one or issue you a full refund.

The warranty program does not cover abuse or misuse. This includes physical damage, submersion of the product in water, incorrect Installation such as wrong voltage input, and misuse for any reason other than intended purposes. AC Infinity is not responsible for consequential loss or incidental damages of any nature caused by the product. We will not warrant damage from normal wear such as scratches and dings.

Contact our dealers department at **dealers@acinfinity.com** or **(626) 838-4656** for more information about our dealers and distributors program. Contact our customer service department at **support@acinfinity.com** or **626-923-6399** for product and warranty assistance. Our business hours are Monday through Friday, 9:00 am to 5:00 pm PST.

If you have any issues with this product, contact us and we'll happily resolve your problem or issue a full refund!

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