



# GC CO<sub>2</sub> SAFETY VALVES



*Patented Interior Relief System with Exterior Filter*

As more attention is paid to the cleanliness of flower, dry and even cure rooms, GC has raised the bar by dictating what clean air is allowed to enter the room from a single source. Our patented GC-CO<sub>2</sub>-SV Interior Pressure Relief allows an operator to rest easy knowing their valuable product is safe from pests and microbials.

A fan inside a room can also evacuate on demand via a CO<sub>2</sub> sensor input at any user-set alarm level. As a negative pressure is created by the fan, the air feeding the room is allowed to enter via the GC-CO<sub>2</sub>-SV Pressure Relief.

Advanced grow operations may be using low oxygen atmosphere for the flower cycle, or even low oxygen for preserving cured product. Another reason for very tight rooms is any CO<sub>2</sub> treatment needed for disinfestation.

Regardless of your needs, the GC-CO<sub>2</sub>-SV offers an airtight solution to save on CO<sub>2</sub> usage, or doubles as a pressure relief valve when flushing with nitrogen gas.

## FEATURES

- ▣ US Patent No. 10184580
- ▣ Simple Construction
- ▣ Economical and Reliable Solution
- ▣ Pre-Calibrated & Easily Adjustable
- ▣ Easily Serviceable
- ▣ Simple 6" PVC Piping Connection



*Weighted Lid Valving*



*Patented Interior Relief System*

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# GC CO<sub>2</sub> SAFETY VALVES



*GC Model EC-1 Fresh Air Blower in Grow Room*

Blowers inside the rooms evacuate problematic air from the rooms to the outside, thereby allowing the GC-CO<sub>2</sub>-SV Pressure Relief Safety Valves to permit clean air to replace it from a single, controlled source. With three models available for all size rooms, our blowers can be piped to atmosphere or to facility air filtration/treatment systems.

While manual override is always an option, CO<sub>2</sub> sensors in the room can automatically trigger an air exchange cycle at any user-set alarm level via the CA Controller.

## FEATURES

- ▣ Works in Concert with GC CO<sub>2</sub> Safety Valves
- ▣ Economical and Reliable Solution
- ▣ EC Technology
- ▣ Manual or Automatic Operation via CO<sub>2</sub> Sensors
- ▣ Piped to Atmosphere or Air Treatment Systems
- ▣ Installation Requirement: Schedule 40 PVC



*GC CO<sub>2</sub> Safety Valve in Dry/Cure Room*



*GC Model EC-3 Blower for Larger Capacity (1600CFM)*

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