ACTIVE AIR™

Super heavy-duty solenoid

Calculate your CO_2 needs with Hydrofarm's online CO_2 Flow Rate Calculator at www.hydrofarm.com/co2calc.php

CO_2 SYSTEM AND CO_2 SYSTEM 20

Deliver growth-boosting CO_2 with our user-friendly, easy to operate system. With its programmable timer, it will automatically maintain ideal CO_2 levels for optimum growth. For small to medium size areas select the COSYS, for larger than 10' x 10' areas, select the COSYS20.

3 year warranty

Automatically maintains ideal CO_2 levels!

ITEM CODE	DESCRIPTION	SRP
COSYS	Hydrofarm CO_2 (.2-2 CFH) w/Timer	**$139.95**
COSYS20	Hydrofarm CO_2 (1-20 CFH) w/Timer	**144.95**
CORING	COREG Inlet Washer, 100/bag	**$1.25**
COTBDR	CO_2 Tube ¼" holes – 100' roll	**29.95**
CO20FTDR	CO_2 Tubing, 20' Drilled	**12.95**

new

50 lb tank

CO_2 TANK

All aluminum CO_2 Tank – now in two sizes! Tank is empty. Give your customers the best CO_2 tanks available. The CO_2 cylinder is produced from high strength aluminum alloy. These tanks are popular because they are not as heavy as steel tanks and do not rust. Manufactured in accordance with U.S. DOT 3AL and TC 3ALM requirements. Every cylinder is inspected and tested by a DOT and TC authorized independent inspection agency. Size: 23.2" high.

ITEM CODE	DESCRIPTION	SRP
CC05	50 lb Aluminum Tank	**$499.90**
CC02	20 lb Aluminum Tank	**190.95**

CO_2 TESTER KIT & REPLACEMENT TUBES

We recommend measuring CO_2 periodically to ensure optimum levels for growth. The CO_2 Tester Kit is an inexpensive alternative to costly electronic monitors.

- Gauge proper CO_2 level
- Eliminate waste and optimize growth
- Instructions included
- Inexpensive and easy-to-use

ITEM CODE	DESCRIPTION	SRP
COTEST	CO2 Tester	**$20.95**
COTUBE	Replacement CO_2 Gas Detection Tube 300-5000 PPM V (10 pk) *	**49.95**

AUTOPILOT™ CO_2 MONITOR

Developed to detect the presence of CO_2 in ambient air, the Autopilot desktop CO_2 monitor is smart, compact and easy to use. In addition to measuring the CO_2 concentration, APCEM also measures the ambient temperature and the relative humidity. High quality LCD display. Independent CO_2, RH and temperature readings. Calculates and displays ventilation rates.

- Built-in data logger can store 48 sets of CO_2, temperature and humidity over 24 hours; one log every 30 minutes
- Min/max mode records the maximum and minimum concentration of CO_2 since the device was last turned on
- High altitude setting allows you to compensate for specific location with adjustable altitude set points

ITEM CODE	DESCRIPTION	SRP
APCEM	Autopilot CO_2 Monitor	**$144.95**

autopilot™

CO_2 GENERATORS WITH ELECTRONIC IGNITION

The easiest way to accelerate plant growth. Carbon dioxide is one of the essential ingredients in green plant growth. The Autopilot CO_2 Generator provides the carbon dioxide to meet maximum growing potential, and operates for only pennies a day.

Autopilot CO_2 generators feature powder-coated steel enclosures that resist moisture, rust and discoloration – providing years of trouble-free operation.

Our two-stage safety pilot valve does not allow fuel to flow to the burner unless the pilot is lit, and will shut down the fuel supply in the event the unit falls or tips over. The solid state electronic ignition module creates a spark to light the burners. Autopilot CO_2 generators are available in both propane and natural gas models.

- Dual solenoid valves
- Precision manufactured brass burners
- Solid state electronic ignition module – no pilot light necessary
- TIP OVER switch shuts off gas source if the unit falls or tips over
- SHUT DOWN warning with LED error indicator light
- Fabricated with all high quality components
- Easy to operate

FOUR BURNER

- 4 pre-mounted brass burners
- Dual solenoid valves
- 12' gas hose/pressure regulator
- 3 spare brass plugs to decrease CO_2 production
- Hanging hardware kit
- 24v power supply

SPECS

- 1.5 Amps/120 Volts/60 Hz
- Provides 11 cu ft per hr of CO_2
- For spaces 14' x 14' and smaller

EIGHT BURNER

- 8 pre-mounted brass burners
- Dual solenoid valves
- 12' gas hose/pressure regulator
- Hanging hardware kit
- 24v power supply

SPECS

- 1.5 Amps/120 Volts/60 Hz
- Provides 22 cu ft per hr of CO_2
- For spaces larger than 14' x 14'

HIGH ALTITUDE available

APCG8

APCG4

SEE HYDROFARM.COM for FULL LINE OF GENERATORS!

ITEM CODE	DESCRIPTION	SRP
APCG4LP	CO_2 Generator LP, 4 Burners – 2,262-9,052 BTU	**$379.95**
APCG8LP	CO_2 Generator LP, 8 Burners – 11,310-18,104 BTU	**474.95**
APCG4LPH	CO_2 Generator LP, 4 Burners – 2,262-9,062 BTU – High Altitude	**379.95**
APCG8LPH	CO_2 Generator LP, 8 Burners – 11,310-18,104 BTU – High Altitude	**474.95**
APCG4NG	CO_2 Generator NG, 4 Burners – 2,767-11,068 BTU	**$379.95**
APCG8NG	CO_2 Generator NG, 8 Burners – 13,835-22,136 BTU	**474.95**
APCG4NGH	CO_2 Generator NG, 4 Burners – 2,767-11,068 BTU – High Altitude	**379.95**
APCG8NGH	CO_2 Generator NG, 8 Burners – 13,835-22,136 BTU – High Altitude	**474.95**
APCGPA	CO_2 Generator AC Power Adapter	**$25.95**
APCGBP	CO_2 Generator Brass Plug	**2.95**
APCGEBLP	CO_2 Generator LP Expansion Burner	**12.95**
APCGEBLPH	CO_2 Generator LP HA Expansion Burner	**12.95**
APCGLPH	CO_2 Generator LP 12' Regulator Hose	**$52.95**
APCGNGH	CO_2 Generator NG 12' Regulator Hose	**71.95**
APCGEBNG	CO_2 Generator NG Expansion Burner	**12.95**
APCGEBNGH	CO_2 Generator NG Expansion Burner	**12.95**

CO_2 GENERATOR PARTS & ACCESSORIES

new

APCGPA

APCGLPH

APCGNGH

APCGBP

APCGEBLP
APCGEBLPLH
APCGEBNG
APCGEBMGJ

(See PG 240–243)

AUTOPILOT CONTROLLERS

Ideal temperatures mean happy plants!

ICE BOX HEAT EXCHANGER

The Ice Box is a safe and effective way to water-cool the air leaving your reflectors without adding A/C or more fans. It uses an air-to-water heat exchanger to water cool the hot air your reflectors produce. Water can absorb and remove from your garden 4 times the heat nearly 20 times faster than air! The Ice Box can be connected directly to the reflector or can be wall mounted with optional wall mount kit (HSWM).

HSICE

HSWM

HYDROFARM.COM for FULL LINE OF GENERATORS!

HSMGEN

WATER COOLED CO_2 GENERATOR

The world's first and only water cooled CO_2 generator. Water cooling can remove up to 86% of the heat produced by burning propane. This unit has many other features that aren't available in other CO_2 generators, including a completely adjustable flame (can produce anywhere between 15 and 45 cubic feet of CO_2 per hour), an adjustable water flow valve, no pilot light (flame is activated by water flow), a tip-over cut off, an overheat shut down sensor, and the list goes on. It can be used in a closed-loop system with a small chiller and reservoir, or you can connect directly to your home water supply and drain to storage for reuse in your garden. The unit is compact in size and can be either hung or wall-mounted anywhere in your garden.

HSCLP

MINI GEN WATER COOLED CO_2 GENERATOR

Designed for small enclosures, this compact CO_2 generator provides the gas you need to boost your plants' growth without taking up valuable space inside your garden. This generator is the first of its kind and can be used with or without water cooling.

ITEM CODE	DESCRIPTION	SRP
HSICE	6" Ice Box Heat Exchanger	**$149.95**
HSICE8	8" Ice Box Heat Exchanger	**199.95**
HSWM	Ice Box Wall Mount Kit	**19.95**
HSCDV	HydroGEN Water Flow Valve	**$79.95**
HSPF	HydroGEN Prefilter 6	**35.00**
HSCLP	Water-Cooled CO_2 Gen Propane	**429.95**
HSMGEN	Minl Gen Water Cooler CO_2 LP Gen	**354.95**

new

AURA SYSTEMS CO_2 REGULATOR & VALVE

- Works with any 120V device
- Flexible 0.5–15 SCFH settings
- Tank pressure gauge
- Includes electric solenoid valve & 6' power cord
- All new easy to read square CO_2 flow meter
- 3-year warranty

ITEM CODE	DESCRIPTION	SRP
AUREG1	Aura CO_2 Regulator & Valve	**$114.95**

HAVING TOTAL CONTROL SHOULDN'T BE COMPLICATED

autopilot™

Environmental Controllers

SEE PAGES 239–243