

Fire one up

Available: Advanced-Garden.com
877-GROW-321

Carbon Dioxide (CO₂) is one of the easiest ways to accelerate plant growth. Plants grown with supplemental CO₂ can produce up to 40% more flowers or fruit and decrease the time to harvest. A propane or natural gas CO₂ generator is the most cost effective way to add CO₂ to your environment. Many greenhouses use CO₂ generators to boost CO₂ levels safely and economically.

C.A.P. has developed some of the safest and most reliable CO₂ generators. They are capable of producing between 3 and 50 cubic feet of CO₂ per hour. C.A.P. manufactures 3 models, the GEN-1, GEN-2 and the GEN-3. The GEN-1 is recommended for small to medium size areas up to 15' x 15'. The GEN-2 is recommended for larger areas up to 30' x 30'. The GEN-3 is recommended for areas larger than 30' x 30'.

For safety, all of our generators feature a "two-stage" safety pilot valve, which will not allow fuel to flow to the burner unless the pilot is lit. They both come with a standard "tip-over" switch which will shut down the fuel to the main burner in the event the unit falls or tips over.

C.A.P. CO₂ generators are constructed of powder coated steel enclosures that resist moisture, rust and discoloration. They will provide years of trouble-free operation. The GEN-1, GEN-2 and the GEN-3 are manufactured in the USA using only AGA and/or UL listed components that are appropriate for use with both propane and natural gas. The units come complete with a low-pressure, in-line natural gas regulator or the new Type1 style "no-tools-required" propane regulator which makes tank replacement easy. C.A.P. CO₂ generators are designed to operate up to 100 degrees cooler than other competitive products

The GEN-1, GEN-2 and GEN-3 can also be easily converted from propane to natural gas or vice-versa in less than 10 minutes with an inexpensive kit available from your dealer.

Both the GEN-1 and GEN-2 CO₂ generators are expandable! This allows you to increase the units capacity to produce CO₂ simply by installing additional burners. Each burner increases the CO₂ generating capacity by approximately 3 cubic feet per hour.

GEN-1 Propane & Natural Gas CO₂ Generator

The GEN-1 is capable of producing between 3 and 13 cubic feet of CO₂ per hour. It comes standard with one burner, producing approximately 3 cubic feet per hour. You can add up to 3 additional burners, increasing the units capacity to up approximately 13 cubic feet of CO₂ per hour. **Pilotless electronic ignition available.**



GEN-2 Propane & Natural Gas CO₂ Generator

The GEN-2 is capable of producing between 16 and 26 cubic feet of CO₂ per hour. It comes standard with 5 burners, producing approximately 16 cubic feet of CO₂ per hour. You can add up to 3 additional burners, increasing the units capacity to up to approximately 26 cubic feet of CO₂ per hour. **Pilotless electronic ignition available.**



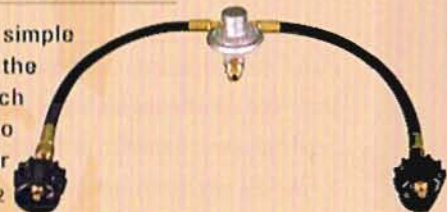
GEN-3 Propane & Natural Gas CO₂ Generator

The GEN-3 produces 50 cubic feet of CO₂ per hour. It comes standard with 16 burners! This generator is not expandable, as it is fully loaded with burners. **Pilotless electronic ignition available.**



LXO-1 Propane Crossover Valve

We offer a simple device called the LXO-1 which allows you to connect your propane CO₂ generator to two tanks so when one runs low, it can be changed out without the pilot flame going out. It also doubles the time in between tank changes. Get one of these and you won't be without propane for your generator!



BNR Expansion Burners

Expansion burners are available, allowing you to increase the amount of CO₂ that your burning can produce. Each burner produces approximately 3 cubic feet of CO₂ per hour. They are available in both Natural Gas and Propane versions. If you live in a high altitude area (above 3500 feet), you should use the available high altitude burners. Burner expansion kits come complete with everything needed to add burners to your expandable C.A.P. CO₂ generator.



Minutes to Enrich an area to 1250 PPM

Model	Cubic Feet (LxWxH)					
	500	1000	1500	2000	2500	3000
GEN-1 w/1 Burner	8.2	16.4	24.6	32.8	41	49.2
GEN-1 w/2 Burners	4.1	8.2	12.3	16.4	20.5	24.5
GEN-1 w/3 Burners	2.7	5.5	8.2	11	13.7	16.4
GEN-1 w/4 Burners	2.0	4.1	6.1	8.2	10.2	12.2
GEN-2 w/5 Burners	1.6	3.3	4.9	6.6	8.2	9.8
GEN-2 w/6 Burners	1.3	2.7	4.0	5.5	6.8	8.2
GEN-2 w/7 Burners	1.1	2.3	3.4	4.6	5.7	7
GEN-2 w/8 Burners	1	2	3	4	5	6
GEN-3 w/16 Burners	.5	1	1.5	2	2.5	3

THE RIGHT WAY

C.A.P. strongly believes that the only way to design and manufacture our line of greenhouse and hydroponic controllers is the right way.

The right way means understanding what expectations our customers have when they make an investment in our products, and designing and manufacturing controllers that meet or exceed their expectations.

The right way means paying attention to details and not cutting corners.

We are constantly striving to produce the most innovative products in our industry. We use only

the finest quality components to ensure many years of trouble-free operation. We will only build products that conform to our stringent safety standards. We back our products

with the best warranty in the industry, our 3-year "no hassle-no problem" product warranty.

All of C.A.P.'s products are assembled in the USA. Ask your local dealer for the best.

Ask for C.A.P.

No Hassle-No Problem Warranty

All C.A.P. Products are guaranteed for a period of three years. If any product fails to perform due to parts or workmanship, we will repair or replace that product.

SPECS

GEN-1 Propane & Natural Gas CO₂ Generator

Propane:	Gas pressure: 11" water column 1 burner: 2,794 BTU's - 3.3 ft ³ CO ₂ / hr. 2 burners: 5,588 BTU's - 6.6 ft ³ CO ₂ / hr. 3 burners: 8,382 BTU's - 9.9 ft ³ CO ₂ / hr. 4 burners: 11,176 BTU's - 13.2 ft ³ CO ₂ / hr.
----------	---

Natural Gas:	Gas pressure: 4.5" water column 1 burner: 3,135 BTU's - 3.1 ft ³ CO ₂ / hr. 2 burners: 6,270 BTU's - 6.3 ft ³ CO ₂ / hr. 3 burners: 9,405 BTU's - 9.4 ft ³ CO ₂ / hr. 4 burners: 12,540 BTU's - 12.5 ft ³ CO ₂ / hr.
--------------	--

Power supply voltages:	18-24 volts A.C. @ 250 milliamps
Weight:	12 lbs.
Dimensions:	11" x 16.5" x 8.5"
Ignition:	GEN-1: Standing pilot light GEN-1E: Pilotless electronic ignition

GEN-2 Propane & Natural Gas CO₂ Generator

Propane:	Gas pressure: 11" water column 5 burners: 13,970 BTU's - 16.5 ft ³ CO ₂ / hr. 6 burners: 16,764 BTU's - 19.8 ft ³ CO ₂ / hr. 7 burners: 19,558 BTU's - 23.1 ft ³ CO ₂ / hr. 8 burners: 22,352 BTU's - 26.4 ft ³ CO ₂ / hr.
----------	--

Natural Gas:	Gas pressure: 4.5" water column 5 burners: 15,675 BTU's - 15.7 ft ³ CO ₂ / hr. 6 burners: 18,810 BTU's - 18.8 ft ³ CO ₂ / hr. 7 burners: 21,945 BTU's - 21.9 ft ³ CO ₂ / hr. 8 burners: 25,080 BTU's - 25.1 ft ³ CO ₂ / hr.
--------------	---

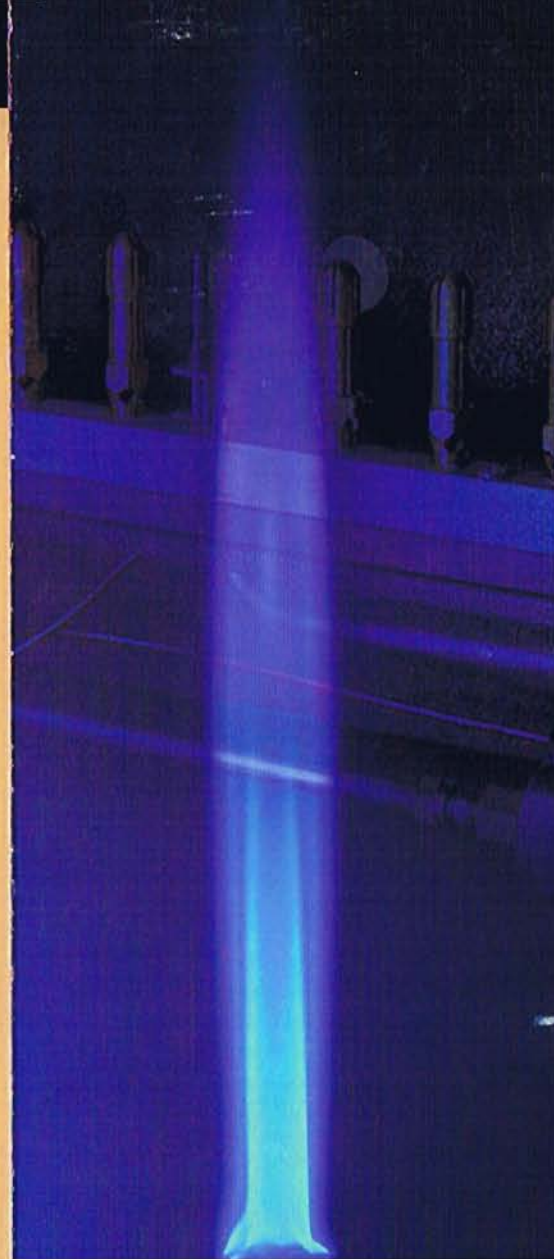
Power supply voltages:	18-24 volts A.C. @ 250 milliamps
Weight:	16 lbs.
Dimensions:	16.5" x 16.5" x 8.5"
Ignition:	GEN-2: Standing pilot light GEN-2E: Pilotless electronic ignition

GEN-3 Propane & Natural Gas CO₂ Generator

Propane:	Gas pressure: 11" water column 16 burners: 44,704 BTU's - 52.8 ft ³ CO ₂ / hr.
----------	---

Natural Gas:	Gas pressure: 4.5" water column 16 burners: 50,160 BTU's - 50.2 ft ³ CO ₂ / hr.
--------------	--

Power supply voltages:	18-24 volts A.C. @ 250 milliamps
Weight:	16 lbs.
Dimensions:	16.5" x 19.5" x 8.5"
Ignition:	GEN-3: Standing pilot light GEN-3E: Pilotless electronic ignition



Propane & Natural Gas
CO₂ Generators



CO₂ Generators