

NEW PRODUCTS from HYDRO INNOVATIONS™

HydroGEN™ WATER-COOLED CO₂ GENERATOR



- The HydroGEN's water-cooling feature removes 86% of the heat produced.
- Adjustable flame from 12k btu to 36k BTU or 15 cubic feet/hr to 45 cubic feet/hr of CO₂.
- At the lowest setting the HydroGEN only releases 1,800 BTU's of the 12,000 BTU's produced.
- Adjustable water flow valve.
- High/low gas setting.
- Compact, wall-mount, or suspended design.
- Black powder coat finish.
- No electric cord. Flame is activated by water flow.
- No pilot light.
- No flow/no go switch cuts off gas if water flow stops.
- Low water flow cutoff.
- Eco-friendly gardening product !
- Saves energy (and money) by reducing the load on your air conditioner.
- The gas cuts off if the unit is accidentally knocked over.
- Overheat shutdown sensor.
- High water pressure blow off valve.
- All copper water passages.
- Inline water debris screen.
- Attach the hoses and the unit is ready to use.
- ½" hose barbs or ½" NPT connections.
- 12' propane hose with regulator and adapters is included.
- Does not require RO water.
- Affordable. This is the least expensive and most sophisticated unit on the market.
- 1 year warranty with great service.
- Optional valve for hooking unit directly to pressurized municipal water supply.

RECOMMENDED COOLING COMBOS

Reservoir And Chiller Method

CO ₂ NEEDED PER HOUR	RESERVOIR SIZE	CHILLER SIZE
.1 to 1.5 cubic feet/hr	20-40 Gallon	1/10th hp
1.5 to 4.5 cubic feet/hr	40-70 Gallon	¼ hp chiller
4.5 to 9 cubic feet/hr	70-100 Gallon	½ hp chiller
9 to 17 cubic feet/hr	100-150 Gallon	1 hp chillers

Reservoir No Chiller Method

CO ₂ NEEDED PER HOUR	SUGGESTED RESERVOIR SIZE
1.5 cu ft/hour	100 Gallon
3 cu ft/hour	200 Gallon
4.5 cu ft/hour	300 Gallon
9 cu ft/hour	600 Gallon

*For 12 hour CO₂ cycle. Reservoir sizes are suggested only and can be larger or smaller depending on your application.

Drain To Waste / Storage / Reuse

CO ₂ NEEDED PER HOUR	WATER USAGE
1.5 cu ft/hour	13 Gallons/hour
3 cu ft/hour	26 Gallons/hour
4.5 cu ft/hour	38 Gallons/hour
9 cu ft/hour	75 Gallons/hour

*At minimum water flow setting.

For more details,
please visit
our website.



www.hydroinnovations.com