

CO₂ generator



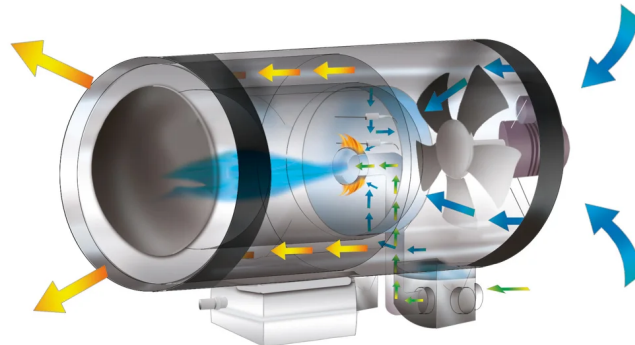
GA/N

DIRECT COMBUSTION LOW PRESSURE SUSPENDED CO2 GENERATOR



- ❖ CSA approved for construction, greenhouses and brooders US-C
- ❖ Automatic built-in LPG or natural gas burner to give very low emissions of CO, NOx and Ethylene
- ❖ Electric board (dust and water IP65 protection)
- ❖ Set to be connected to a thermostat or a humidistat or a timer
- ❖ High-grade AISI 430 stainless steel design
- ❖ Automatic ignition
- ❖ Flame monitored by ionisation probe
- ❖ Overheating thermostat
- ❖ Connectable for climate computer
- ❖ Monitoring the fan air flow by a vane switch (dust and water IP65 protection)

- ❖ Gas train: gas filter, gas governor, safety gas valve and slow open working gas valve, gas pressure connections
- ❖ IP 55 motor installed in a easy clean position to avoid overheating
- ❖ Continue post ventilation (fan always switch on) or temporized post ventilation (30 seconds)
- ❖ Summer-winter switch to use as a fan
- ❖ Suspending brackets
- ❖ Low voltage control
- ❖ Work with natural or propane gas with different nozzle gas ring



ACCESSORIES ON DEMAND

Carbon monoxide (CO)/ nitrogen dioxide detector	Greystone CD2RMC CO2 sensor with LCD display	Argus Omni Sensor (T °, RH, PAR, LCD & CO2)	EE820 CO2 Sensor
			
160-110-031100	160-110-031301	160-120-083632	160-110-031200
GHL junctions box for CO2 generator with timer	Moisture-resistant PTC thermistor on the combustion head	120-240 V input, 100 VA, 12-24 VAC output, enclosed transformer	
			
160-120-012000	160-120-012005	180-110-031390	

ELECTRICAL CONTROL BOARD



LEGEND

- 1- Burner switch
- 2- Fan switch
- 3- Remote thermostat plug
- 4- Reset button with red block / diagnostics/low voltage
- 5- Overheating thermostat reset button
- 6- Red light - operation of overheating thermostat
- 7- Alert light - presence of current

TWO-SWITCH CONTROL

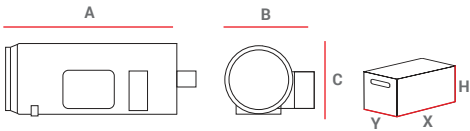
Switch 1 **off** + Switch 2 **on** : ventilation only

Switch 1 **on** + Switch 2 **off**: burner on with timed post ventilation

Switch 1 **on** + Switch 2 **on**: burner on with continuous ventilation

SPECIFICATIONS

		GA/N 250 C	GA/N 400 C (120V - 60 Hz)	GA/N 400 C (208/230V - 60 Hz)
		03GA721	03GA722	03GA822
heat input (G20)	BTU/h	250,000	400,000	400,000
inlet pressure (G20)	in wc	8-10	8-10	8-10
consumption (G20)	cfh	233,505	355,520	355,520
heat input (G31)	BTU/h	250,000	400,000	400,000
inlet pressure (G31)	in wc	8-13	8-13	8-13
consumption (G31)	cfh	85,941	141,950	141,950
US max efficiency	%	100	100	100
heated airflow	cfm	2,766	4,120	4,120
temperature rise (@68°F)	°F	540	612	612
electrical power	W	530	1,000	1,050
power supply	V - ph - Hz	120-1-60	120-1-60	208/230-1-60
unit/pallet	qty..	1	1	1
unit/container 20"	qty..	36	33	33
unit/container 40"	qty..	84	75	75
unit/container 40" HC	qty..	112	75	75



					PACKAGING			
MOD	A	B	C	Net	X	Y	H	Gross
	[in]	[in]	[in]	[lb]	[in]	[in]	[in]	[lb]
GA/N 250 C	45.1	23.2	17.4	101	46.9	26.0	24.57	134
GA/N 400 C	46.7	26.9	21.1	123	48.8	29.5	28.27	163

