



**ARES**  
Garden Heater LP or NG



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## Titan Controls Ares Garden Heater HGC702884 (NG) & HGC702886 (LP)

### Product Description

The Titan Controls® Ares® Garden Heater is unique because it allows the grower to manage the byproduct of the combustion process, CO<sub>2</sub>. This product can effectively detect both oxygen and carbon dioxide, and control the concentration of carbon dioxide when used in an unvented area. When the oxygen concentration in the atmosphere is reduced to 18.0% or less, the built-in Atlas® CO<sub>2</sub> Controller with Oxygen Shutoff-Hardwire Controller automatically shuts off the Garden Heater. When the oxygen concentration returns to 19.0%, the Atlas® CO<sub>2</sub> Controller with Oxygen Shutoff-Hardwire Controller automatically turns the Ares® Garden Heater back on and the combustion process resumes.

### Features:

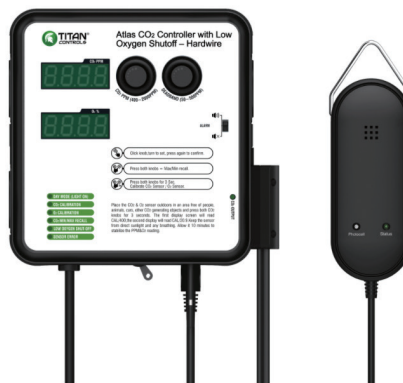
- Integrated CO<sub>2</sub> and O<sub>2</sub> controller
- Available in LP (liquid propane) or NG (natural gas) models
- Patent-pending design
- ETL listed
- 1 year limited warranty

### Specifications:

Voltage: 120 V  
Current: 1 A  
Power: 120 W  
Frequency: 60 Hz  
Model No.: HGC702884 & HGC702886  
Conforms to ANSI Z21.11.2:19

### Contains:

- Titan Controls® Ares® Garden Heater
- Titan Controls® Atlas® CO<sub>2</sub> and O<sub>2</sub> Controller
- Mounting hardware





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### Titan Controls Ares Garden Heater HGC702844 (NG) & HGC702886 (LP)

Power Input Requirements		120 V AC / 60 Hz / 1A
Atlas CO2 Controller with Low Oxygen Shutoff-Hardwire Specification		Maximum input current: 120 V AC / 60 Hz CO2 range: 400-2000 PPM CO2 accuracy: + /-100 PPM; O2 range: 0-25% O2 accuracy: +/- 2%
Input Pressure	LP Regulator Input Pressure	12.0"± 0.3" ( 2.91 ~ 3.06 kPa)
	NG Regulator Input Pressure	7" ± 0.3" ( 1.67 to 1.82 kPa)
Heat Load	LP Heat Load	≈35000 Btu/hr
	NG Heat Load	≈35000 Btu/hr
CUFT CO2/HR	LP CO2 Production	46.7 CUFT/HR
	NG CO2 Production	39.3 CUFT/HR
Heater Size		571.6*538.3*788.5mm / 22.5*21.2*31.0 in (Not including power cord length)
CO2 & O2 Sensor Cord Length		≈4.5m / 15ft
Power Cord Length		≈2m / 6.5ft
Net Weight		34.8 kg
Gross Weight		38.6 kg
Packing Size		620*620*870mm / 24.4*24.4*34.3 in (1 set / box )

**CAD Drawing and Dimensions**

