

# REXO-THERM SDG-500

S002.1

## Enclosed Flame Construction Heater

CSA Design Certified  
ANSI Z83.7 / CSA 2.14



For Indoor or Outdoor Installation

**CLASS NUMBER:** 2902-02

**DESCRIPTION:** COMMERCIAL HEATERS (GAS)  
- Construction Use  
Unvented Type Construction Heaters  
(Unattended Type)



**Minimum Inlet Pressure** ..... 5" to 11" w.c.  
**BTU Output** ..... 500,000 BTU/hr  
**Airflow** ..... 2,900 CFM  
**Dimensions** ..... L:49" x W:28" x H:50"  
**Weight** ..... 400 Lbs.  
**Gas Connection** ..... 1" NPT  
**Electrical Connection** ..... 115V/20A

**Fuel:**

Propane or natural gas heater.

**Electronic flame supervision:**

This model uses electrical components designed to shut off the flow of gas when no flame is detected.

**Venting:**

Does not require external venting. Follow local and international standards for proper installation.

**LEED Construction:**

Suitable for all LEED Construction projects.

**OSHA compliant:**

This heater has been tested and produces CO well below the allowed 50 PPM (PEL).

The SDG-500 heater is suitable for all types of temporary heating needs. This heater is listed for use indoors or outdoors. Proper installation by a qualified individual will ensure the highest degree of safety and performance.

- **Enclosed flame design** – Flame is restricted and controlled to burn at the back of the heater. Flame shall not extend out of the barrel. **(not a salamander type heater.)**
- **Unattended type heater** – Approved for unattended use.
- **Flame supervision** – Flame rectification system will halt operation if no flame is detected.
- **Proof of airflow** – The burner will not fire if air flow is restricted.
- **High temperature limit** – Will shut down heater if temperature is too high.
- **Excess pressure regulators** – Gas pressure is set to proper manifold pressure with one or more regulators. These regulators will not allow excess pressure to cross the burner.
- **Dual gas valves** – Ensure positive gas shut-off when heater is shut down.
- **Manual gas shut-off valve at heater** – Heater operation can be stopped manually with a ball valve on the gas train.
- **Data Plate and safety markings** – See data plate on unit for additional information.