



Quick Check List Before Ordering Ceramic Heaters

SunStar Ceramic Heater Series:

- a) **SG** (StarGlo) Series are designed for spot or area heating applications. Btu's range from 30,000 to 155,000. SG Series utilizes direct spark ignition system which is more reliable, as well as energy efficient.
 - b) **SGM** (StarGlo Millivolt) Series are Millivolt Standing Pilots designed for spot or area heating applications with NO external electricity required. Requires Millivolt Thermostat (Part #42489010)
 - c) **SG/SGM series** is NOT recommended for car washes or high humidity environments. SGM Series is not recommended for drafty environments which may blow out the standing pilot.
1. **Gas Types & Gas Pressures** — SunStar heaters either operate on Natural Gas or Propane (LP) Gas. Make sure you are ordering the correct gas type for heater operation. The required gas supply pressures to the heaters are:
Natural Gas: Between 7" – 14" WC and for Propane Gas: Between 11" – 14" WC
You might need a second stage regulator before the heater if your supply pressure is higher than the listed supply pressure.
 2. **Clearance to Combustibles** - **Make sure you comply with minimum clearances to combustibles, specifically above and below the heater.** For example, the SG10-N has a clearance requirement of 65" above the heater and 129" below the heater. Ceramics may not be the best choice for certain applications. Please review "Clearance to Combustibles" requirements particular to your applications. Do not locate heaters directly above stored materials. The clearances specified must be maintained to combustibles and other materials that may be damaged by temperatures 90F above ambient temperature.
 3. **Mounting Height** - Make sure to comply with SunStar's recommended mounting heights to protect the comfort of those working below the heater and insure optimal heat coverage. *"The "Minimum Recommended Mounting Heights" charts as provided in the manuals and spec sheets are intended as a guide only as heaters may be mounted at various heights and angles. Please consult your local SunStar Rep. or distributor for a detailed analysis of your particular infrared heat requirements."*



- 4. Ventilation** – It is a **misconception** that ceramic heaters do NOT require ventilation. Per National Fuel Gas Code NFPA54, where unvented infrared heaters are used, one must have (4) CFM per 1000 Btu of mechanical or gravity ventilation of the total installed capacity. E.g SG10 will require 400CFM of Exhaust.