



SOLTAN₂ Inline Gas Heater

SoltaN₂ Features and Specifications

- Heated nitrogen or other clean gases reduce drying time and improve production times. The SoltaN₂ is designed to safely heat process gas through indirect contact instead of direct immersion.
- Delivers superior temperature stability with changes in flow.
- Redundant temperature sensors to ensure safe operation.
- Use in all drying applications for wafer processing, solvent drying and surface finishing.
- Comes in sizes up to 9 kw

CONSTRUCTION: 316 stainless steel wetted surfaces, gas pathway through a stainless tube embedded in cast aluminum heating block; explosion resistant cast aluminum electrical enclosure.

TEMPERATURE RANGE: -195°C (-320°F) to 200°C (392°F)

CONNECTIONS: 1/2 inch (12mm) or 3/4 inch (19mm) tube connections (custom connections available).

PRESSURE RANGE: 0PSIG (0 kPa) to 400 PSIG (2859 kPa)

VOLTAGES: 120 volt to 600 volt, single or three phase.

STANDARD WATTAGES: 2 to 9 kW.

CERTIFICATIONS: CE, ETL (Tested to UL 823, UL 499 and CSA C22.2). Rated for Class I, Division 2 hazardous locations.

SAFETY FEATURES: Standard features include:

- Grounded metal construction
- Dual element thermocouples
- Insulated housing
- Explosion resistant electrical enclosure
- Replaceable, hermetically sealed high limit thermal cutoff device (TCO)

APPLICATIONS FOR HEATING INCLUDE, BUT ARE NOT LIMITED TO:

- N₂
- CDA (clean dry air)
- Other nonflammable gases

