PROCESS TECHNOLOGY

INCREASED PRODUCTION TIMES

Improves product times in drying applications used in wafer processing, solvent drying and surface finishing. Delivers superior temperature stability with changes in flow.

Watts: 2kW to 9kW	0 PSIG (0 kPa) to 400 PSIG (2859 kPa)
120 to 600 volts, Single phase or 3 phase	Certifications: CE, ETL (Tested to UL 823, UL 499 compliant and CSA C22.2). Rated for Class I, Division 2 hazardous locations.

FEATURES

Innovative Design

Heated nitrogen or other clean gases reduce drying time and improve production times. The Soltan$_2$ is designed to safely heat process gas through indirect contact instead of direct immersion.

Safety & Reliability

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

Delivers superior temperature stability with changes in flow.

Redundant temperature sensors to ensure safe operation.

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)

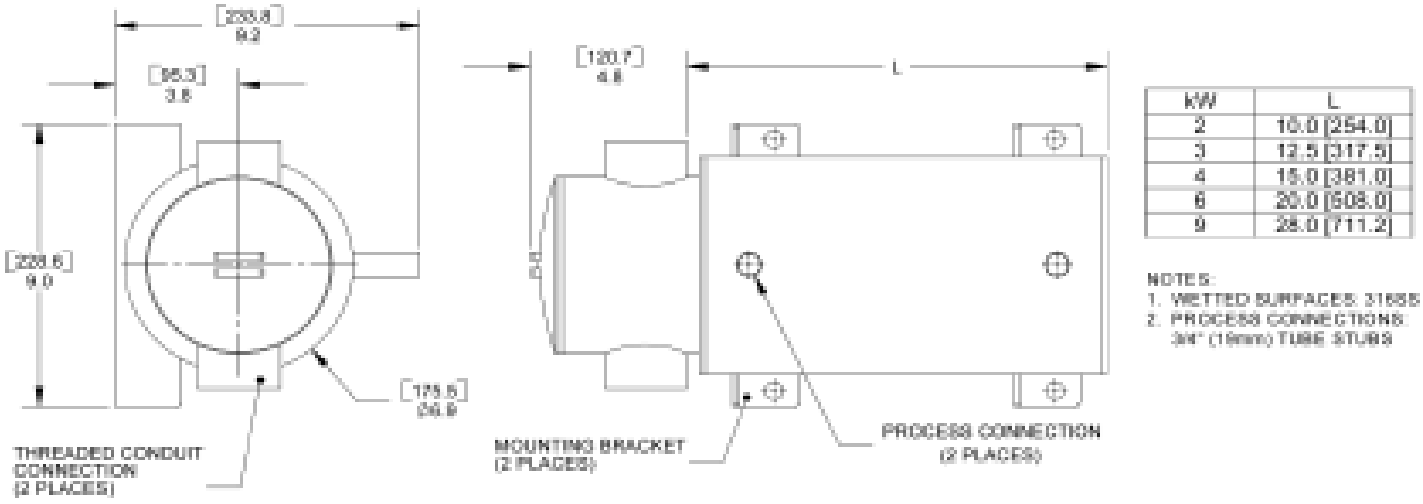
Other nonflammable gases

Soltan$_2$ Inline Gas Heater

SPECIFICATIONS

Construction	316 stainless steel wetted surfaces, gas pathway through a stainless tube embedded in cast aluminum heating block; explosion resistant cast aluminum electrical enclosure.
Connections	1/2 inch (12mm) or 3/4 inch (19mm) tube connections (custom connections available)
Cartridge Housing Sizes Available	1/2-inch (12mm) to 1-inch (25mm) Flaretek® or Super 300 Type Pillar® process connections 1/8-inch (3mm) to 1/2-inch (12mm) Flaretek® or Super 300 Type Pillar® drain/vent connections
Pressure Range	0 PSIG (0 kPa) to 400 PSIG (2859kPa)
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.
Standard Safety Features	• Grounded metal construction • Dual element thermocouples • Insulated housing • Explosion resistant electrical enclosure • Replaceable, hermetically sealed high limit thermal cutoff device (TCO)

DIMENSIONS



kW	L
2	10.0 [254.0]
3	12.5 [317.5]
4	15.0 [381.0]
6	20.0 [508.0]
9	28.0 [711.2]

NOTES:
1. WETTED SURFACES: 316SS
2. PROCESS CONNECTIONS: 3/4" (19mm) TUBE STUBS