

Compact, Rapid Generation of Steam and Gases for the most Demanding Applications.



Infinity has developed and patented the most efficient and rapid response steam generator for all precision control processes with negligible pressure drops across it. Applications that demand precise temperature control and the fastest thermal response from an extremely tight footprint can now be attained with this new technology. The Ultra Response heat exchanger provides the fastest thermal response and power within the tightest envelope, when compared with all other conventional and non conventional heaters on the market.

This patented product was developed around the **CRES** electric heater design placed into a flow housing designed specifically accommodate your process pressure and temperature requirements. A wide range of special fittings and connectors can be used to facilitate new designs or retrofit existing applications.

The **CRES** heater operating in the fluid stream provides incredibly fast response time and far greater utility efficiency. Many different designs and configurations are available to suit your processes needs.

Benefits and Features

- ∞ Ultra compact size and weight
- ∞ Significantly reduce the size of your equipment with our new technology, while decreasing the overall weight of your system at the same time.
- ∞ Allows low and high flows to quickly be heated with the greatest accuracy available.
- ∞ Low flow housing volume, ensures ultra efficient and responsive control.
- ∞ Use on all instant steam generation, liquids, gases and vapors.

Specifications

- ∞ Compact heaters up to 16kW.
- ∞ Process temperatures to 600° C (1200° F)
- ∞ Low and High operating pressures
- ∞ Optional Finishes, electro-polished, passivated and bright annealed.
- ∞ Standard NPT inlet and exit. Many other sizes and styles available upon request.
- ∞ Standard type k t/c or 100Ω Plat RTD avail.

Applications

- ∞ Food Preparation Equipment.
- ∞ Steam Reformation/Steam Reform.
- ∞ Fuel Cell heating and preheating.
- ∞ Printing, cleaning, pharmaceutical, bio-tech, sterilization and plastics industries.
- ∞ Purification.
- ∞ Humidity Generation.
- ∞ Metal, poly and ceramic parts cleaning.

The New Standard Steam Generation

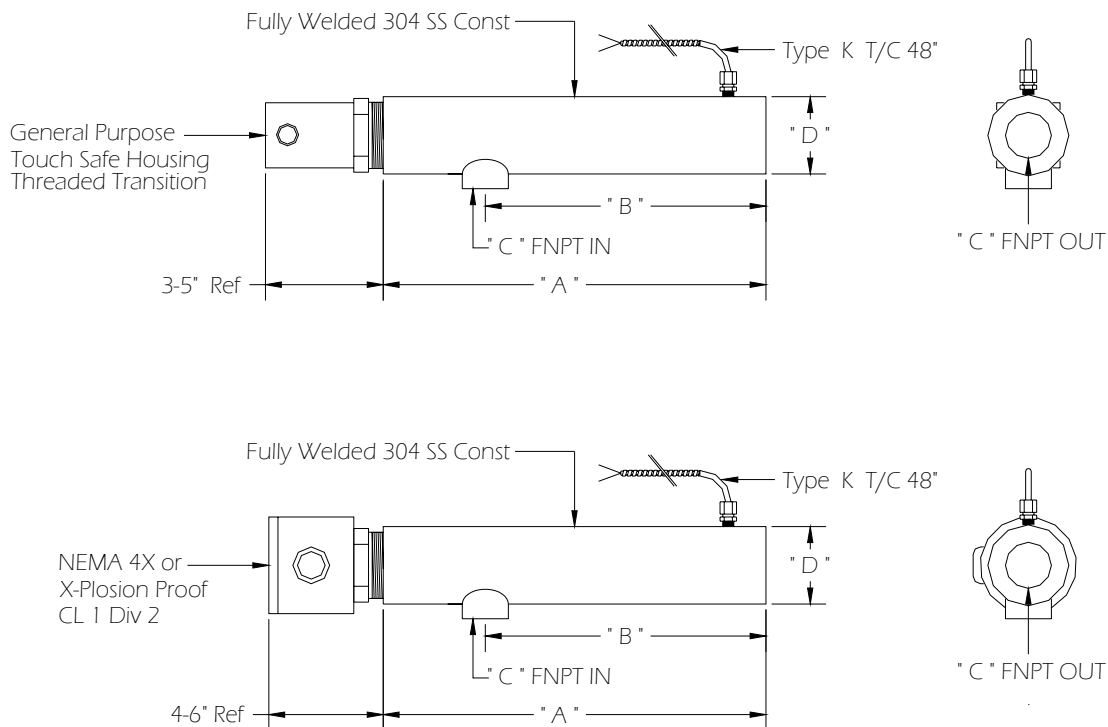


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CRES-SG

All CRES-SG Steam Generators will provide the most compact powerful solution for instant steam generation. The CRES-SG is the only product which can quickly and far more efficiently generate steam from a constant flow water stream.

Most CRES-SG units are built on the Patented CRES (Compact Resistive Element System) design, making it the only product available to operate in such a demanding fashion. Where all other heaters fall apart, CRES Shines.



MODEL NUMBER	A (in)	B (in)	C (FNPT Std.)	D (in)	WATTS (kW)	VOLTS	PHASES	AMPS
CRES-SG-208-0100-K-3P	18	15.5	1	2.6	10	208	3	28
CRES-SG-48-0100-K	15	11.5	1	2.6	10	480	1	21
CRES-SG-208-0120-K-3P	24	20.5	1	2.6	12	208	3	33
CRES-SG-48-0120-K	24	20.5	1	2.6	12	480	1	25
CRES-SG-48-0150-K	30	26.5	1.25	2.6	15	480	1	31
CRES-SG-48-0150-K-3P	30	26.5	1.25	2.6	15	480	3	18
CRES-SG-48-0180-K-3P	30	26.5	1.25	3.5	18	480	3	22
CRES-SG-48-0240-K-3P	36	32.5	1.5	3.5	24	480	3	29
CRES-SG-48-0300-K-3P	40	36.5	1.5	3.5	30	480	3	36
CRES-SG-48-0360-K-3P	42	38.5	1.5	3.5	36	480	3	43
CRES-SG-48-0420-K-3P	54	50.5	2	3.5	42	480	3	51
CRES-SG-48-0480-K-3P	56	52.5	2	3.5	48	480	3	58
CRES-SG-48-0600-K-3P	60	56.5	2	3.5	60	480	3	72
CRES-SG-48-0720-K-3P	66	62.5	2	3.5	72	480	3	87

**Most standard inlet/outlet fittings available **Voltages from 12volts-600volts available **Wattages from 100-250,000



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