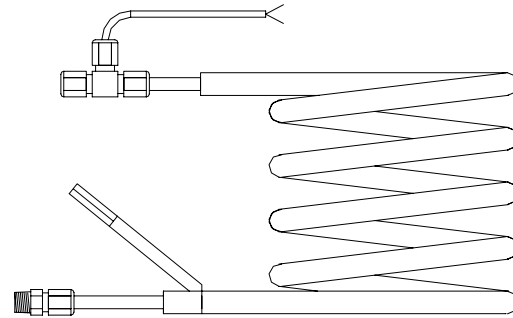


### ***CENTAX – IL*** **PROCESS HEATER**

**Power | Design | Economy**  
**Non-Contact Inline fluid heater.**

**Air/Gas, Water/Liquid, Steam/Superheat.**



**INFINITY FLUIDS CORP.** has produced and patented the first non-contact, rapid-response electric heater available. The new **CENTAX** heater combines power, economy and simplicity to make your most challenging applications or processes more efficient and cost effective.

The **CENTAX** heater is a non-contacting and non-intrusive heater design. The contacting media surface is the flow chamber tubing, the actual heater element is on the exterior of the fluid path.

With the **CENTAX** heater you may specify any wattage and voltage scheduling from 12 V – 600 V single phase or three phase, or choose from our wide variety of existing designs. Standard Inlet/Outlet fittings are tube end, compression ends or NPT threads (male), or you can customize with no added time and limited cost your own fitting requirements: flange, sanitary, VCR, ASE etc.

With the **CENTAX** inline heater, you can also take advantage of the fast response and incredible resolution of control only offered by Infinity Fluids. With the CENTAX heater there is no long lead times, weights associated with cast housings, galvanic corrosion concerns with dissimilar metals and best of all the cost associated with comparable products.

#### **Benefits and Features**

- ∞ Ultra compact size and weight
- ∞ No water quality requirements, straight tap water to pure DI water.
- ∞ Significantly reduce the size of your equipment with our new technology, while decreasing the overall weight at the same time.
- ∞ Simplistic design to implant into existing or new process or equipment.
- ∞ No more wasting power with "Stand-by Idling".
- ∞ **SAVE MONEY**, the **CENTAX** is typically 50-75% less expensive than comparable heaters.
- ∞ Simple element removal for inspection and cleaning.

#### **Specifications**

- ∞ Compact heaters from 100 watts to 250kW.
- ∞ All SS construction standard.
- ∞ Process temperatures to 600° C (1200° F)
- ∞ Atmospheric and Ultra-High operating pressures.
- ∞ No booster pumps required.
- ∞ Optional Finishes, polished and passivated for clean duty applications.
- ∞ Custom sizing and designs for all processes.
- ∞ All standard sensors available, type K standard.

#### **Applications**

- ∞ All water & liquid heating applications
- ∞ All air & gas heating applications
- ∞ CIP system heating
- ∞ 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 - CENTAX**



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Sturbridge, MA 01566  
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**CENTAX INLINE HEATER** PATENT PEND.1007

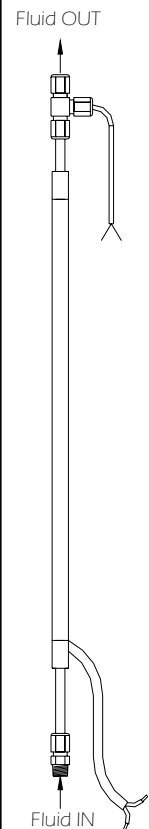
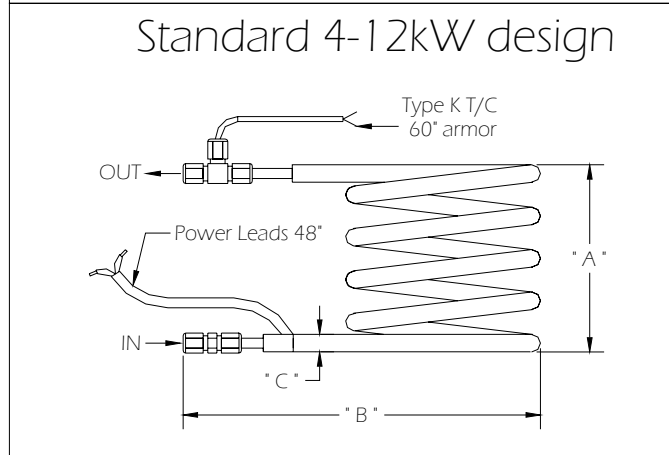
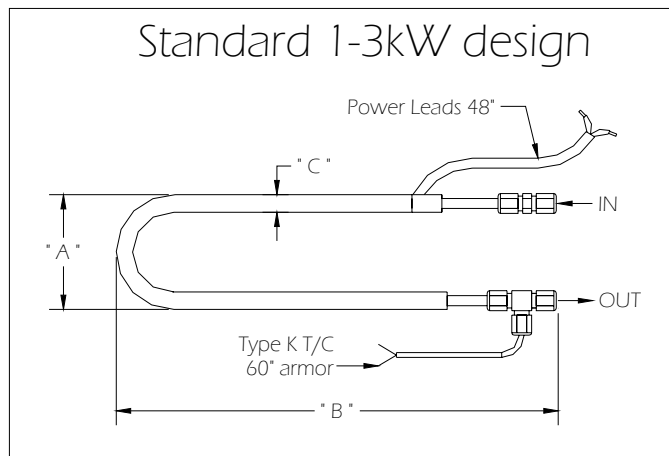
### CENTAX - IL

All **CENTAX InLine heaters** are made with economy, power and design in mind. Take advantage of all of these benefits. Units can also be made in custom lengths and can be custom bent at your facility with simple pipe bending equipment to match your exact process requirements.

No other heater can provide the economy, accuracy and open design application that the **CENTAX** heater can provide.

The **CENTAX** heater can be provided in all standard media contact **materials**:

- Stainless Steel 304 (standard)
- Stainless 316
- Incoloy
- Copper
- Titanium
- Monel
- Aluminum
- Nickel
- Mild Steel
- Etc.



MODEL NUMBER	A (in)	B (in)	C (FNPT Std.)	(in)	WATTS (kW)	VOLTS	PHASES	AMPS
CTX-12-0005-K	3.5	10	.440	1/4"	.5	120	1	4
CTX-12-0010-K	3.5	12	.440	1/4"	1.0	120	1	8
CTX-12-0020-K	3.5	18	.440	1/4"	2.0	120	1	17
CTX-24-0040-K	4	10	.440	1/4"	4.0	240	1	17
CTX-48-0060-K	5	10	.750	1/2"	6.0	480	1	13
CTX-48-0080-K	6	12	.750	1/2"	8.0	480	1	18
CTX-48-0100-K	8	12	.750	1/2"	10.0	480	1	22
CTX-48-0120-K	9	14	.750	1/2"	12.0	480	1	25

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

\*\*\*Products represent standard product only, all other wattage and voltage scheduling available.



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