

Ultra CENTAX Heaters

All CENTAX heaters provide the most compact, economical and powerful solution in the heating of moving fluids, including liquids, gases. The Centax heater is used in everything from food preparation to military and space applications.

All CENTAX heaters are electrically isolated so contaminants in the flow stream will not affect the life of the heater. This is critical while heating compressed air and gases where compressor oils and debris enters the heated media stream.

The New Standard in Electric Heating

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UCTX-48-0180-K-3P
shown

Ultra CENTAX Process Heaters: Power, form, function and economy

CENTAX-IL Process Heater

- Power, design and economy
- Non-contact inline fluid heater
- Air/gas, water/liquid, steam/superheat

Infinity Fluids 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 nonintrusive 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.

The Ultra CENTAX is the most adaptable, clean, efficient heater available. All stainless steel construction makes the unit perfect for just about any application.



UCTX-208-0120-K
shown



UCTX-24-0040-K
shown



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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

Ultra-Centax Selection Guide

Model No.	Inlet/Outlet FNPT	A (in.)	Watts (kW)	Volts	Phases	Amps
UCTX-12-0005-K	.25	1.1	.5	120	1	4
UCTX-12-0010-K	.25	1.1	1.0	120	1	8
UCTX-12/24-0020-K	.25	1.1	2.0	120-or-240	1	17
UCTX-24/48-0040-K	.25	1.1	4.0	240	1	17
UCTX-24/48-0060-K	.25	1.1	6.0	240-or-480	1	13
UCTX-208/48-0080-K-3P	.50	2.5	8.0	208-or-480	3	22/10
UCTX-208/48-0100-K-3P	.50	2.5	10.0	208-or-480	3	22/12
UCTX-208/48-0120-K-3P	.50	2.5	12.0	208-or-480	3	33/15
UCTX-208/48-0150-K-3P	.50	2.5	15.0	208-or-480	3	42/18
UCTX-208/48-0180-K-3P	.50	2.5	18.0	208-or-480	3	50/22
UCTX-48-0240-K-3P	.75	4.0	24.0	480	3	29
UCTX-48-0300-K-3P	.75	4.0	30.0	480	3	36
UCTX-48-0360-K-3P	.75	4.0	36.0	480	3	44

- Most standard inlet/outlet fittings available
- Voltages from 12volts-600volts available
- Wattages from 100-32,000

- Products represent standard product only; all other wattage and voltage scheduling available.

- Customer to specify which standard voltage is required. Units are not dual voltage. All other voltages available upon request; only standard shown.

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
- Quartz
- Teflon/PFA

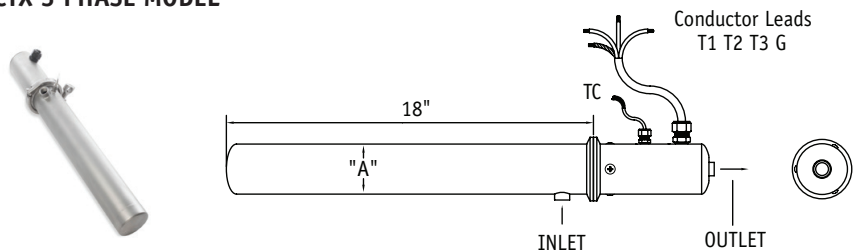


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CENTAX Specifications

UCTX 3 PHASE MODEL



UCTX 1 PHASE MODEL

