



MEDIUM TEMPERATURE STEAM, AIR & GAS APPLICATIONS

GCHAI Series

Starts at
\$1020

- ✓ Oval Flange Design
- ✓ 2" Carbon Steel Pipe Body, 150 Lb Construction
- ✓ 398°C (750°F) Max Vessel Temp
- ✓ 1 to 1.5 kW
- ✓ 120, 240 and 480V, Single Phase
- ✓ General Purpose Terminal Enclosure
- ✓ Two 0.475" Dia Incoloy Sheath Elements (20 W/In²)
- ✓ Side Mounted AR Thermostat [93 to 287°C (200 to 550°F)]
- ✓ CSA and Other Third Party Approval, Listing or Certification Available

APPLICATIONS

Steam, Air and Gas:
Low-cost solution to heating steam or gases in remote applications

FEATURES

Terminal Enclosure: E1 General Purpose is standard

Elements: Two Incoloy sheath elements.

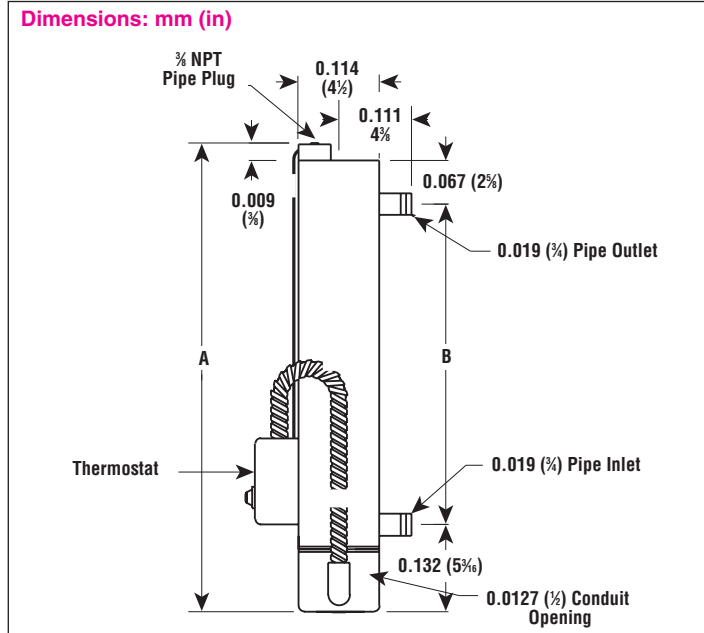
Flange: Oval (manifold) heater flange

Vessel: Pipe body and nozzles are ASTM A53B carbon steel pipe. The end disk is ASTM A516 Grade 70 carbon steel plate. Provided with thermal insulation and painted sheet metal jacket

Wiring: Convenient field wiring terminals are provided for easy installation

Controls: Stock and assembly stock heaters come equipped with side mounted mechanical AR thermostat

GCHAI-02



MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)								
kW	Volts	Ckt & Phase	Dimensions (in)			Model No.	Price	Wt. (lbs)
			A	B	C			
2", 150 lb carbon steel vessel, 2 incoloy elements, 871°C (1600°F) maximum sheath temperature.								
1	480	1-1	23 ^{3/8}	15	—	GCHAI-02-001P-E1/480	\$1020	17
1.5	120	1-1	31 ^{3/8}	23	—	GCHAI-02-01P5-E1/120	1111	24
1.5	240	1-1	31 ^{3/8}	23	—	GCHAI-02-01P5-E1/240	1111	24
1.5	480	1-1	31 ^{3/8}	23	—	GCHAI-02-01P5-E1/480	1111	24

Ordering Example: GCHAI-02-001P-E1/480, 1 kW, 480 V heater, \$1020.

Ordering Information To Order — Complete the Model Number using the Matrix provided.	Model	Medium Temperature Steam, Air and Gas			
	GCHAI	Gas Circulation Heater with Oval Flange			
	Code	Number of Elements			
	02	Two			
		Code	kW		
		001P	1		
	01P5	1.5			
		Code	Terminal Enclosure		
		E1	General Purpose		
GCHAI	02	001P	E1	Typical Model Number	



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• Temperature

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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters