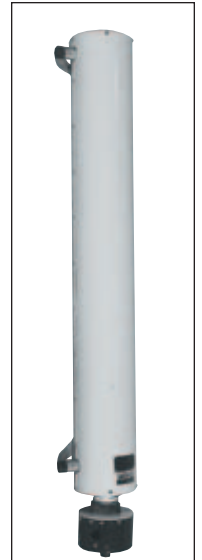


DISCONTINUED

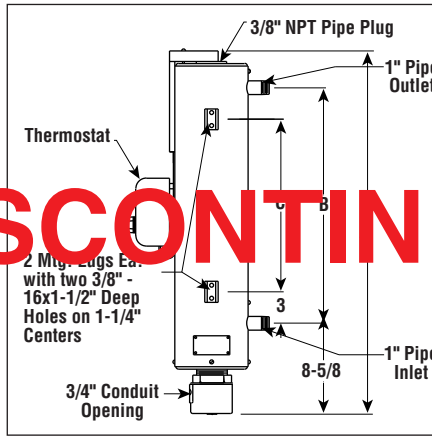
MEDIUM TEMPERATURE STEAM, AIR & GAS APPLICATIONS

GCHMTIR Series

Dimensions (Inches)
GCHMTIR-03



Note — Add 1/2" to A dimension for E4 Enclosure.



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

- ✓ 2 1/2" NPT Steel Screw Plug Design
- ✓ 2 1/2" Carbon Steel Pipe Body, 150 Lb Construction
- ✓ 750°F Max. Vessel Temp., 1600°F Max Sheath Temp.
- ✓ 1 - 9 kW
- ✓ 120, 240 and 480V, 1 & 3 Phase
- ✓ General Purpose, Moisture Resistant/Explosion Resistant or Moisture Resistant Terminal Enclosure
- ✓ Three 0.475" Dia. INCOLOY Sheath Elements (15 W/In²)
- ✓ Side Mounted AR Thermostat (200 - 550°F)
- ✓ CSA and Other Third Party Approval, Listing or Certification Available

APPLICATIONS

Steam, Air and Gas: Economical solution for heating steam or gases in remote applications.

FEATURES

Terminal Enclosure: E1 General Purpose is standard. E2 or E4 enclosures available.

Elements: Three INCOLOY sheath elements.

Screw Plug: 2 1/2" steel screw plug with 1/2" thermowell for thermostat bulb.

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.

To Order (Specify Model Number)

MOST POPULAR ITEMS HIGHLIGHTED

kW	Volts	Ckt & Phase	Dimensions (In.)			Model No.	Price	Wt. (Lbs.)
			A	B	C			
2 1/2 inch, 150 lb carbon steel vessel — 3 INCOLOY elements (15 W/In²)								
1	120	1-1	20 1/2	9%	—	GCHMTIR-03-001P-E1/120	\$1129	18
1	240	1-1	20 1/2	9%	—	GCHMTIR-03-001P-E1/240	1129	18
1	240	1-3	20 1/2	9%	—	GCHMTIR-03-001P-E1/240/3P	1129	18
1	480	1-3	20 1/2	9%	—	GCHMTIR-03-001P-E1/480/3P	1129	18
3	240	1-1	30%	22 1/2	16 1/2	GCHMTIR-03-003P-E1/240	1268	25
3	240	1-3	30%	22 1/2	16 1/2	GCHMTIR-03-003P-E1/240/3P	1268	25
3	480	1-1	30%	22 1/2	16 1/2	GCHMTIR-03-003P-E1/480	1268	25
3	480	1-3	30%	22 1/2	16 1/2	GCHMTIR-03-003P-E1/480/3P	1268	25
5	240	1-1	56%	45 1/4	39 1/4	GCHMTIR-03-005P-E1/240	1439	40
5	240	1-3	56%	45 1/4	39 1/4	GCHMTIR-03-005P-E1/240/3P	1439	40
5	480	1-1	56%	45 1/4	39 1/4	GCHMTIR-03-005P-E1/480	1439	40
5	480	1-3	56%	45 1/4	39 1/4	GCHMTIR-03-005P-E1/480/3P	1439	40
7.5	240	1-1	67%	56	50	GCHMTIR-03-07P5-E1/240	1549	45
7.5	240	1-3	67%	56	50	GCHMTIR-03-07P5-E1/240/3P	1549	45
7.5	480	1-1	67%	56	50	GCHMTIR-03-07P5-E1/480	1549	45
7.5	480	1-3	67%	56	50	GCHMTIR-03-07P5-E1/480/3P	1549	45
9	240	1-1	78%	67	61	GCHMTIR-03-009P-E1/240	1656	50
9	240	1-3	78%	67	61	GCHMTIR-03-009P-E1/240/3P	1656	50
9	480	1-1	78%	67	61	GCHMTIR-03-009P-E1/480	1656	50
9	480	1-3	78%	67	61	GCHMTIR-03-009P-E1/480/3P	1656	50

Ordering Example:
GCHMTIR-03-003P-E1/480 is a 3 kW, 1 Phase, 480 Volt Heater, \$1268.

Ordering Information
To Order — Complete the Model Number using the Matrix provided.

Model	Medium Temperature Steam, Air and Gas
GCHMTIR	Gas Circulation Heater Screw Plug Design — INCOLOY Elements — Steel Vessel
R	Reduced Watt Density
Code	Number of Elements
03	Three
Code	kW
001P	1 07P5 7.5
003P	3 009P 9
005P	5
Code	Terminal Enclosure
E1	General Purpose
E2	Moisture Resistant/Explosion Resistant
E4	Moisture Resistant
GCHMTIR 03 07P5 E1	Typical Model Number



UNITED STATES

www.omega.com
1-800-TC-OMEGA
Stamford, CT.

CANADA

www.omega.ca
Laval(Quebec)
1-800-TC-OMEGA

GERMANY

www.omega.de
Deckenpfronn, Germany
0800-8266342

UNITED KINGDOM

www.omega.co.uk
Manchester, England
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FRANCE

www.omega.fr
Guyancourt, France
088-466-342

CZECH REPUBLIC

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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

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• 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