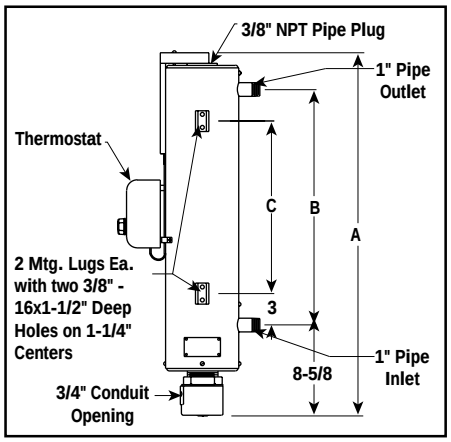
GCHMTI

Medium Temperature Steam, Air & Gas Applications

- **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 (23 W/In²)**
- **Side Mounted AR Thermostat (200 - 550°F)**
- **CSA and Other Third Party Approval, Listing or Certification Available**

Dimensions (Inches) GCHMTI-03



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

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.

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

Specifications and Ordering Information

kW	Volts	Ckt & Phase	Dimensions (In.) A	B	C	Model	Stock	PCN	Wt. (Lbs.)
2-1/2 inch, 150 lb. carbon steel vessel — 3 INCOLOY® elements (23 W/In²)									
1	120	1-1	20-1/2	9-3/8	—	GCHMTI-03-001P-E1	NS	024627	15
1	240	1-1	20-1/2	9-3/8	—	GCHMTI-03-001P-E1	NS	024635	15
1	240	1-3	20-1/2	9-3/8	—	GCHMTI-03-001P-E1	NS	024643	15
1	480	1-3	20-1/2	9-3/8	—	GCHMTI-03-001P-E1	NS	024651	15
3	240	1-1	30-5/8	22-1/2	16-1/2	GCHMTI-03-003P-E1	NS	024660	22
3	240	1-3	30-5/8	22-1/2	16-1/2	GCHMTI-03-003P-E1	NS	024678	22
3	480	1-1	30-5/8	22-1/2	16-1/2	GCHMTI-03-003P-E1	NS	024686	22
3	480	1-3	30-5/8	22-1/2	16-1/2	GCHMTI-03-003P-E1	NS	024694	22
5	240	1-1	30-5/8	22-1/2	16-1/2	GCHMTI-03-005P-E1	NS	024707	25
5	240	1-3	30-5/8	22-1/2	16-1/2	GCHMTI-03-005P-E1	NS	024715	25
5	480	1-1	30-5/8	22-1/2	16-1/2	GCHMTI-03-005P-E1	NS	024723	25
5	480	1-3	30-5/8	22-1/2	16-1/2	GCHMTI-03-005P-E1	NS	024731	25
7.5	240	1-1	56-3/8	45-1/4	39-1/4	GCHMTI-03-07P5-E1	NS	024740	40
7.5	240	1-3	56-3/8	45-1/4	39-1/4	GCHMTI-03-07P5-E1	NS	024758	40
7.5	480	1-1	56-3/8	45-1/4	39-1/4	GCHMTI-03-07P5-E1	NS	024766	40
7.5	480	1-3	56-3/8	45-1/4	39-1/4	GCHMTI-03-07P5-E1	NS	024774	40
9	240	1-1	56-3/8	45-1/4	39-1/4	GCHMTI-03-009P-E1	NS	024782	43
9	240	1-3	56-3/8	45-1/4	39-1/4	GCHMTI-03-009P-E1	NS	024790	43
9	480	1-1	56-3/8	45-1/4	39-1/4	GCHMTI-03-009P-E1	NS	024803	43
9	480	1-3	56-3/8	45-1/4	39-1/4	GCHMTI-03-009P-E1	NS	024811	43

Stock Status: **S** = stock AS = assembly stock NS = non-stock
To Order—Specify model, volts, phase, kW, PCN and quantity.