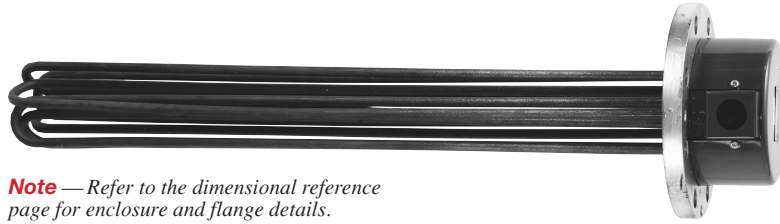


## TMI

### Corrosive Solution Applications

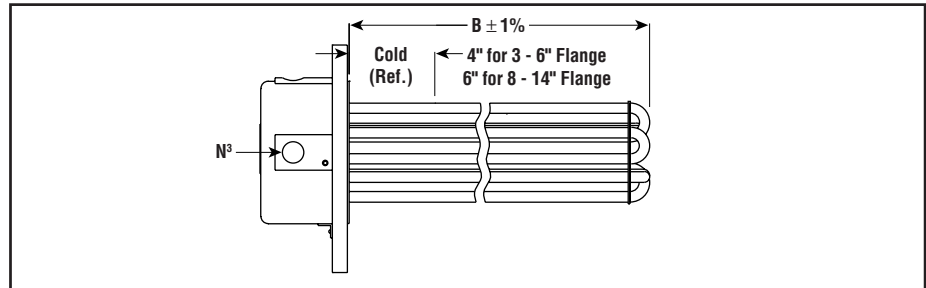
- 3 - 14" 150 Lb. Carbon Steel Flange
- INCOLOY® Sheath Elements
- INCOLOY® Thermowell
- 20 - 23 W/In<sup>2</sup>
- 3 - 125 kW
- 240 and 480 Volt, 1 & 3 Phase
- General Purpose, Moisture Resistant or Moisture Resistant/Explosion Resistant Terminal Enclosures



**Note** — Refer to the dimensional reference page for enclosure and flange details.



#### Dimensions (Inches)



**FASTShip**

Same-day shipping on stock item orders received before 4 pm CST.  
3-day shipping on assembly-stock items.

#### Specifications and Ordering Information

					E1 General Purpose <sup>1</sup>				E2 Moisture Resistant/Explosion Resistant <sup>2</sup>			
kW	Volts	CKT & Phase	DIM B (In.)	Wt. <sup>4</sup> (Lbs.)	Model	Stock	PCN	DIM N <sup>3</sup> (In.)	Model	Stock	PCN	DIM N <sup>3</sup> (In.)
<b>3 Inch - 150 Lb. Steel Flange — 3 INCOLOY® Sheath Elements — 23 W/In<sup>2</sup></b>												
3	240	1-1	18-1/16	16	TMI-3035	AS	259397	1	TMI-3035E2	AS	180873	3/4
3	240	1-3	18-1/16	16	TMI-3035	AS	256233	1	TMI-3035E2	AS	180881	3/4
3	480	1-1	18-1/16	16	TMI-3035	AS	259400	1	TMI-3035E2	AS	180890	3/4
3	480	1-3	18-1/16	16	TMI-3035	AS	256241	1	TMI-3035E2	AS	180902	3/4
4.5	240	1-1	25-3/16	17	TMI-3045	AS	259418	1	TMI-3045E2	AS	180910	3/4
4.5	240	1-3	25-3/16	17	TMI-3045	AS	256250	1	TMI-3045E2	AS	180929	3/4
4.5	480	1-1	25-3/16	17	TMI-3045	AS	259426	1	TMI-3045E2	AS	180937	3/4
4.5	480	1-3	25-3/16	17	TMI-3045	AS	256268	1	TMI-3045E2	AS	180945	3/4
6	240	1-1	33-1/16	18	TMI-3065	AS	259434	1	TMI-3065E2	AS	180961	3/4
6	240	1-3	33-1/16	18	TMI-3065	AS	256276	1	TMI-3065E2	AS	180953	3/4
6	480	1-1	33-1/16	18	TMI-3065	AS	259442	1	TMI-3065E2	AS	180970	3/4
6	480	1-3	33-1/16	18	<b>TMI-3065</b>	<b>S</b>	<b>256284</b>	1	TMI-3065E2	AS	180988	3/4
7.5	240	1-3	40-9/16	19	TMI-3075	AS	259477	1	TMI-3075E2	AS	181104	3/4
7.5	480	1-3	40-9/16	19	TMI-3075	AS	259485	1	TMI-3075E2	AS	181112	3/4
9	480	1-1	48-1/16	21	TMI-3095	AS	259506	1	TMI-3095E2	AS	181059	3/4
9	480	1-3	48-1/16	21	TMI-3095	AS	259522	1	TMI-3095E2	AS	181067	3/4
9	240	1-3	48-1/16	21	TMI-3095	AS	259514	1	TMI-3095E2	AS	181120	3/4

# TMI

## Corrosive Solution Applications (cont'd.)

### Specifications and Ordering Information

					E1 General Purpose <sup>1</sup>				E3 Explosion Resistant <sup>2</sup>				E4 Moisture Resistant <sup>1</sup>			
kW	Volts	CKT & Phase	DIM B (In.)	Wt. <sup>4</sup> (Lbs.)	Model	Stock	PCN	DIM N <sup>3</sup> (In.)	Model	Stock	PCN	DIM N <sup>3</sup> (In.)	Model	Stock	PCN	DIM N <sup>3</sup> (In.)
<b>5 Inch - 150 Lb. Steel Flange — 6 INCOLOY<sup>®</sup> Sheath Elements — 23 W/In<sup>2</sup></b>																
9	240	1-3	25-3/16	32	TMI-6095	AS	256292	1	TMI-6095E3	AS	182406	1-1/2	TMI-6095E4	AS	182414	1
9	480	1-3	25-3/16	32	<b>TMI-6095</b>	<b>S</b>	<b>259637</b>	1	TMI-6095E3	AS	182422	1-1/2	TMI-6095E4	AS	182430	1
12	240	1-3	33-1/16	33	TMI-6125	AS	256305	1	TMI-6125E3	AS	182449	1-1/2	TMI-6125E4	AS	182457	1
12	480	1-3	33-1/16	33	<b>TMI-6125</b>	<b>S</b>	<b>259661</b>	1	TMI-6125E3	AS	182465	1-1/2	TMI-6125E4	AS	182473	1
15	240	1-3	40-9/16	35	TMI-6155	AS	259696	1	TMI-6155E3	AS	182481	1-1/2	TMI-6155E4	AS	182490	1
15	480	1-3	40-9/16	35	TMI-6155	AS	259709	1	TMI-6155E3	AS	182502	1-1/2	TMI-6155E4	AS	182510	1
20	240	2-3	52-1/16	38	TMI-6205	AS	259733	1	TMI-6205E3	AS	182529	1-1/2	TMI-6205E4	AS	182537	1
20	480	1-3	52-1/16	38	TMI-6205	AS	259741	1	TMI-6205E3	AS	182545	1-1/2	TMI-6205E4	AS	182553	1
25	240	2-3	65-1/16	42	TMI-6255	AS	182561	1	TMI-6255E3	AS	182570	1-1/2	TMI-6255E4	AS	182588	1
25	480	1-3	65-1/16	42	TMI-6255	AS	182596	1	TMI-6255E3	AS	182609	1-1/2	TMI-6255E4	AS	182617	1
30	240	2-3	78-1/16	46	TMI-6305	AS	182625	1	TMI-6305E3	AS	182633	1-1/2	TMI-6305E4	AS	182641	1
30	480	2-3	78-1/16	46	TMI-6305	AS	182650	1	TMI-6305E3	AS	182668	1-1/2	TMI-6305E4	AS	182676	1
<b>6 Inch - 150 Lb. Steel Flange — 12 INCOLOY<sup>®</sup> Sheath Elements — 23 W/In<sup>2</sup></b>																
18	240	1-3	25-1/8	67	TMI-1218	AS	197069	1	TMI-1218E3	AS	186360	1-1/2	TMI-1218E4	AS	186351	1-1/2
18	480	1-3	25-1/8	67	TMI-1218	AS	197085	1	TMI-1218E3	AS	186343	1-1/2	TMI-1218E4	AS	186378	1-1/2
24	240	2-3	33	76	TMI-1224	AS	197093	1	TMI-1224E3	AS	186386	1-1/2	TMI-1224E4	AS	186394	1-1/2
24	480	1-3	33	76	TMI-1224	AS	197114	1	TMI-1224E3	AS	186407	1-1/2	TMI-1224E4	AS	186415	1-1/2
30	240	2-3	40-1/2	84	TMI-1230	AS	197122	1	TMI-1230E3	AS	186423	1-1/2	TMI-1230E4	AS	186431	1-1/2
30	480	1-3	40-1/2	84	TMI-1230	AS	197149	1	TMI-1230E3	AS	186440	1-1/2	TMI-1230E4	AS	186458	1-1/2
36	240	2-3	48	111	TMI-1236	AS	291952	1	TMI-1236E3	AS	186466	1-1/2	TMI-1236E4	AS	186474	1-1/2
36	480	1-3	48	111	TMI-1236	AS	197173	1	TMI-1236E3	AS	186482	1-1/2	TMI-1236E4	AS	186490	1-1/2
<b>8 Inch - 150 Lb. Steel Flange — 18 INCOLOY<sup>®</sup> Sheath Elements — 23 W/In<sup>2</sup></b>																
30	240	3-3	32-7/8	112	TMI-1830R1	AS	197270	1	TMI-1830R1E3	AS	030701	3/4	TMI-1830R1E4	AS	030760	1-1/2
30	480	3-3	32-7/8	112	TMI-1830R1	AS	197296	1	TMI-1830R1E3	AS	030710	3/4	TMI-1830R1E4	AS	030779	1-1/2
40	240	3-3	43-11/16	125	TMI-1840R1	AS	197309	1	TMI-1840R1E3	AS	030728	3/4	TMI-1840R1E4	AS	030787	1-1/2
40	480	3-3	43-11/16	125	TMI-1840R1	AS	197325	1	TMI-1840R1E3	AS	030736	3/4	TMI-1840R1E4	AS	030795	1-1/2
50	240	3-3	51-7/8	130	TMI-1850R1	AS	197333	1	TMI-1850R1E3	AS	030744	1	TMI-1850R1E4	AS	030808	1-1/2
50	480	3-3	51-7/8	130	TMI-1850R1	AS	197350	1	TMI-1850R1E3	AS	030752	3/4	TMI-1850R1E4	AS	030816	1-1/2
<b>10 Inch - 150 Lb. Steel Flange — 27 INCOLOY<sup>®</sup> Sheath Elements — 20 W/In<sup>2</sup></b>																
45	240	3-3	32-13/16	135	TMI-2745	NS	197544	1-1/2	TMI-2745E3	NS	096161	1-1/4	TMI-2745E4	NS	096225	1-1/4
45	480	3-3	32-13/16	135	TMI-2745	NS	197552	1-1/2	TMI-2745E3	NS	096170	1-1/4	TMI-2745E4	NS	096233	1-1/4
60	240	3-3	43-5/8	165	TMI-2760 <sup>5</sup>	NS	197560	1-1/2	TMI-2760E3 <sup>5</sup>	NS	096188	1-1/4	TMI-2760E4 <sup>5</sup>	NS	096241	1-1/4
60	480	3-3	43-5/8	165	TMI-2760	NS	197579	1-1/2	TMI-2760E3	NS	096196	1-1/4	TMI-2760E4	NS	096250	1-1/4
75	240	3-3	51-13/16	200	TMI-2775 <sup>5</sup>	NS	197587	1-1/2	TMI-2775E3 <sup>5</sup>	NS	096209	1-1/4	TMI-2775E4 <sup>5</sup>	NS	096268	1-1/4
75	480	3-3	51-13/16	200	TMI-2775	NS	197595	1-1/2	TMI-2775E3	NS	096217	1-1/4	TMI-2775E4	NS	096276	1-1/4
<b>12 Inch - 150 Lb. Steel Flange — 36 INCOLOY<sup>®</sup> Sheath Elements — 20 W/In<sup>2</sup></b>																
60	240	3-3	32-3/4	175	TMI-3660 <sup>5</sup>	NS	197608	1-1/2	TMI-3660E3 <sup>5</sup>	NS	096284	1-1/4	TMI-3660E4 <sup>5</sup>	NS	096348	1-1/2
60	480	3-3	32-3/4	175	TMI-3660	NS	197616	1-1/2	TMI-3660E3	NS	096292	1-1/4	TMI-3660E4	NS	096356	1-1/2
80	240	3-3	43-9/16	210	TMI-3680 <sup>5</sup>	NS	197624	1-1/2	TMI-3680E3 <sup>5</sup>	NS	096305	1-1/4	TMI-3680E4 <sup>5</sup>	NS	096364	1-1/2
80	480	3-3	43-9/16	210	TMI-3680	NS	197632	1-1/2	TMI-3680E3	NS	096313	1-1/4	TMI-3680E4	NS	096372	1-1/2
100	240	3-3	51-3/4	250	TMI-36100 <sup>5</sup>	NS	197640	1-1/2	TMI-36100E3 <sup>5</sup>	NS	096321	1-1/4	TMI-36100E4 <sup>5</sup>	NS	096380	1-1/2
100	480	3-3	51-3/4	250	TMI-36100	NS	197659	1-1/2	TMI-36100E3	NS	096330	1-1/4	TMI-36100E4	NS	096399	1-1/2
<b>14 Inch - 150 Lb. Steel Flange — 45 INCOLOY<sup>®</sup> Sheath Elements — 20 W/In<sup>2</sup></b>																
75	240	3-3	32-5/8	195	TMI-4575 <sup>5</sup>	NS	197667	2	TMI-4575E3 <sup>5</sup>	NS	096401	1-1/4	TMI-4575E4 <sup>5</sup>	NS	096460	1-1/2
75	480	3-3	32-5/8	195	TMI-4575	NS	197675	2	TMI-4575E3	NS	096410	1-1/4	TMI-4575E4	NS	096479	1-1/2
100	240	3-3	43-7/16	225	TMI-45100 <sup>5</sup>	NS	197683	2	TMI-45100E3 <sup>5</sup>	NS	096428	1-1/4	TMI-45100E4 <sup>5</sup>	NS	096487	1-1/2
100	480	3-3	43-7/16	225	TMI-45100	NS	197691	2	TMI-45100E3	NS	096436	1-1/4	TMI-45100E4	NS	096495	1-1/2
125	240	3-3	51-5/8	270	TMI-45125 <sup>5</sup>	NS	197704	2	TMI-45125E3 <sup>5</sup>	NS	096444	1-1/2	TMI-45125E4 <sup>5</sup>	NS	096508	1-1/2
125	480	3-3	51-5/8	270	TMI-45125 <sup>5</sup>	NS	197712	2	TMI-45125E3 <sup>5</sup>	NS	096452	1-1/4	TMI-45125E4 <sup>5</sup>	NS	096532	1-1/2

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

1. Heaters with General Purpose and Moisture Resistant Enclosures are UL Listed and CSA Certified.
2. Heaters with Explosion Resistant Enclosures are CSA NRTL/C Certified.
3. E1 enclosure "N" designates conduit size, E2/E3/E4 enclosures "N" designates NPT thread size.
4. Weights:
  - A. For Wt. of 3" flange with E2 enclosure add 3 lbs. to Wt. of E1 enclosure heater.
  - B. For Wt. of 5 and 6" flange with E3 or E4 enclosure add 7 lbs. to Wt. of E1 enclosure heater.
  - C. For Wt. of 8, 10, 12 and 14" flange with E3 or E4 enclosure add 10 lbs. to Wt. of E1 enclosure heater.
5. Not UL or CSA (units exceed 48 Amps). Contact your Local Chromalox Sales office for additional circuits to comply with 48 Amp maximum.