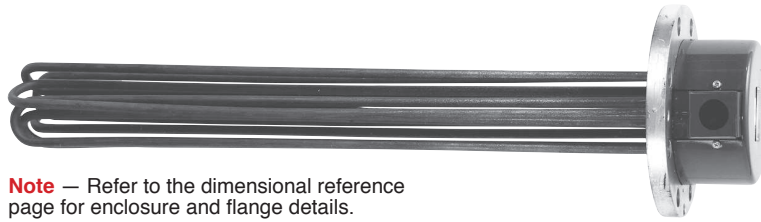


# Immersion

## TMI

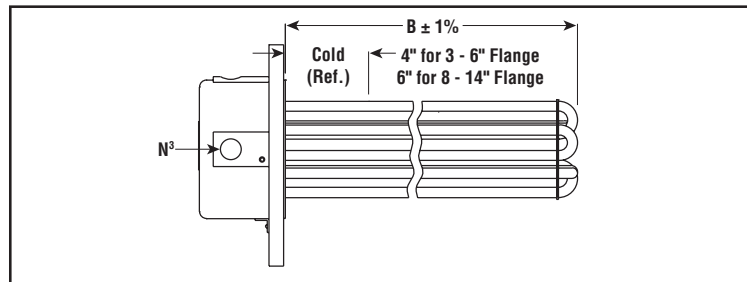
### Corrosive Solution Applications

- 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)



FLANGED

#### Specifications and Ordering Information

					E1 General Purpose			E2 Moisture Resistant/Explosion Resistant				
kW	Volts	CKT & Phase	DIM B (In.)	Wt. * (Lbs.)	Model	Stock	PCN	DIM N (In.)	Model	Stock	PCN	DIM N (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-03-003P-E1	NS	259397	1	TMI-03-003P-E2	NS	180873	3/4
3	240	1-3	18-1/16	16	TMI-03-003P-E1	NS	256233	1	TMI-03-003P-E2	NS	180881	3/4
3	480	1-1	18-1/16	16	TMI-03-003P-E1	NS	259400	1	TMI-03-003P-E2	NS	180890	3/4
3	480	1-3	18-1/16	16	TMI-03-003P-E1	NS	256241	1	TMI-03-003P-E2	NS	180902	3/4
4.5	240	1-1	25-3/16	17	TMI-03-004P5-E1	NS	259418	1	TMI-03-004P5-E2	NS	180910	3/4
4.5	240	1-3	25-3/16	17	TMI-03-004P5-E1	NS	256250	1	TMI-03-004P5-E2	NS	180929	3/4
4.5	480	1-1	25-3/16	17	TMI-03-004P5-E1	NS	259426	1	TMI-03-004P5-E2	NS	180937	3/4
4.5	480	1-3	25-3/16	17	TMI-03-004P5-E1	NS	256268	1	TMI-03-004P5-E2	NS	180945	3/4
6	240	1-1	33-1/16	18	TMI-03-006P-E1	NS	259434	1	TMI-03-006P-E2	NS	180961	3/4
6	240	1-3	33-1/16	18	TMI-03-006P-E1	NS	256276	1	TMI-03-006P-E2	NS	180953	3/4
6	480	1-1	33-1/16	18	TMI-03-006P-E1	NS	259442	1	TMI-03-006P-E2	NS	180970	3/4
6	480	1-3	33-1/16	18	<b>TMI-03-006P-E1</b>	<b>S</b>	<b>256284</b>	1	TMI-03-006P-E2	NS	180988	3/4
7.5	240	1-3	40-9/16	19	TMI-03-007P5-E1	NS	259477	1	TMI-03-007P5-E2	NS	181104	3/4
7.5	480	1-3	40-9/16	19	TMI-03-007P5-E1	NS	259485	1	TMI-03-007P5-E2	NS	181112	3/4
9	480	1-1	48-1/16	21	TMI-03-009P-E1	NS	259506	1	TMI-03-009P-E2	NS	181059	3/4
9	480	1-3	48-1/16	21	TMI-03-009P-E1	NS	259522	1	TMI-03-009P-E2	NS	181067	3/4
9	240	1-3	48-1/16	21	TMI-03-009P-E1	NS	259514	1	TMI-03-009P-E2	NS	181120	3/4

# Immersion

## TMI

### Corrosive Solution Applications *(cont'd.)*

#### Specifications and Ordering Information

					E1 General Purpose				E2 Moisture Resistant/Explosion Resistant				E4 Moisture Resistant			
kW	Volts	CKT & Phase	DIM B (In.)	Wt. * (Lbs.)	Model	Stock	PCN	DIM N (In.)	Model	Stock	PCN	DIM N (In.)	Model	Stock	PCN	DIM N (In.)
<b>5 Inch - 150 Lb. Steel Flange — 6 INCOLOY® Sheath Elements — 23 W/in<sup>2</sup></b>																
9	240	1-3	25-3/16	32	TMI-06-009P-E1	NS	256292	1	TMI-06-009P-E2	NS	182406	1-1/2	TMI-06-009P-E4	NS	182414	1
9	480	1-3	25-3/16	32	<b>TMI-06-009P-E1</b>	<b>S</b>	<b>259637</b>	1	TMI-06-009P-E2	NS	182422	1-1/2	TMI-06-009P-E4	NS	182430	1
12	240	1-3	33-1/16	33	TMI-06-012P-E1	NS	256305	1	TMI-06-012P-E2	NS	182449	1-1/2	TMI-06-012P-E4	NS	182457	1
12	480	1-3	33-1/16	33	<b>TMI-06-012P-E1</b>	<b>S</b>	<b>259661</b>	1	TMI-06-012P-E2	NS	182465	1-1/2	TMI-06-012P-E4	NS	182473	1
15	240	1-3	40-9/16	35	TMI-06-015P-E1	NS	259696	1	TMI-06-015P-E2	NS	182481	1-1/2	TMI-06-015P-E4	NS	182490	1
15	480	1-3	40-9/16	35	TMI-06-015P-E1	NS	259709	1	TMI-06-015P-E2	NS	182502	1-1/2	TMI-06-015P-E4	NS	182510	1
20	240	2-3	52-1/16	38	TMI-06-020P-E1	NS	259733	1	TMI-06-020P-E2	NS	182529	1-1/2	TMI-06-020P-E4	NS	182537	1
20	480	1-3	52-1/16	38	TMI-06-020P-E1	NS	259741	1	TMI-06-020P-E2	NS	182545	1-1/2	TMI-06-020P-E4	NS	182553	1
25	240	2-3	65-1/16	42	TMI-06-025P-E1	NS	182561	1	TMI-06-025P-E2	NS	182570	1-1/2	TMI-06-025P-E4	NS	182588	1
25	480	1-3	65-1/16	42	TMI-06-025P-E1	NS	182596	1	TMI-06-025P-E2	NS	182609	1-1/2	TMI-06-025P-E4	NS	182617	1
30	240	2-3	78-1/16	46	TMI-06-030P-E1	NS	182625	1	TMI-06-030P-E2	NS	182633	1-1/2	TMI-06-030P-E4	NS	182641	1
30	480	1-3	78-1/16	46	TMI-06-030P-E1	NS	182650	1	TMI-06-030P-E2	NS	182668	1-1/2	TMI-06-030P-E4	NS	182676	1
<b>6 Inch - 150 Lb. Steel Flange — 12 INCOLOY® Sheath Elements — 23 W/in<sup>2</sup></b>																
18	240	1-3	25-1/8	67	TMI-12-018P-E1	NS	197069	1	TMI-12-018P-E2	NS	186360	1-1/2	TMI-12-018P-E4	NS	186351	1-1/2
18	480	1-3	25-1/8	67	TMI-12-018P-E1	NS	197085	1	TMI-12-018P-E2	NS	186343	1-1/2	TMI-12-018P-E4	NS	186378	1-1/2
24	240	2-3	33	76	TMI-12-024P-E1	NS	197093	1	TMI-12-024P-E2	NS	186386	1-1/2	TMI-12-024P-E4	NS	186394	1-1/2
24	480	1-3	33	76	TMI-12-024P-E1	NS	197114	1	TMI-12-024P-E2	NS	186407	1-1/2	TMI-12-024P-E4	NS	186415	1-1/2
30	240	2-3	40-1/2	84	TMI-12-030P-E1	NS	197122	1	TMI-12-030P-E2	NS	186423	1-1/2	TMI-12-030P-E4	NS	186431	1-1/2
30	480	1-3	40-1/2	84	TMI-12-030P-E1	NS	197149	1	TMI-12-030P-E2	NS	186440	1-1/2	TMI-12-030P-E4	NS	186458	1-1/2
36	240	2-3	48	111	TMI-12-036P-E1	NS	291952	1	TMI-12-036P-E2	NS	186466	1-1/2	TMI-12-036P-E4	NS	186474	1-1/2
36	480	1-3	48	111	TMI-12-036P-E1	NS	197173	1	TMI-12-036P-E2	NS	186482	1-1/2	TMI-12-036P-E4	NS	186490	1-1/2
<b>8 Inch - 150 Lb. Steel Flange — 18 INCOLOY® Sheath Elements — 23 W/in<sup>2</sup></b>																
30	240	3-3	32-7/8	112	TMI-18-030P-E1	NS	197270	1	TMI-18-030P-E2	NS	030701	3/4	TMI-18-030P-E4	NS	030760	1-1/2
30	480	3-3	32-7/8	112	TMI-18-030P-E1	NS	197296	1	TMI-18-030P-E2	NS	030710	3/4	TMI-18-030P-E4	NS	030779	1-1/2
40	240	3-3	43-11/16	125	TMI-18-040P-E1	NS	197309	1	TMI-18-040P-E2	NS	030728	3/4	TMI-18-040P-E4	NS	030787	1-1/2
40	480	3-3	43-11/16	125	TMI-18-040P-E1	NS	197325	1	TMI-18-040P-E2	NS	030736	3/4	TMI-18-040P-E4	NS	030795	1-1/2
50	240	3-3	51-7/8	130	TMI-18-050P-E1	NS	197333	1	TMI-18-050P-E2	NS	030744	1	TMI-18-050P-E4	NS	030808	1-1/2
50	480	3-3	51-7/8	130	TMI-18-050P-E1	NS	197350	1	TMI-18-050P-E2	NS	030752	3/4	TMI-18-050P-E4	NS	030816	1-1/2
<b>10 Inch - 150 Lb. Steel Flange — 27 INCOLOY® Sheath Elements — 20 W/in<sup>2</sup></b>																
45	240	3-3	32-13/16	135	TMI-27-045P-E1	NS	197544	1-1/2	TMI-27-045P-E2	NS	096161	1-1/4	TMI-27-045P-E4	NS	096225	1-1/4
45	480	3-3	32-13/16	135	TMI-27-045P-E1	NS	197552	1-1/2	TMI-27-045P-E2	NS	096170	1-1/4	TMI-27-045P-E4	NS	096233	1-1/4
60	240	3-3	43-5/8	165	TMI-27-060P-E1	NS	197560	1-1/2	TMI-27-060P-E2	NS	096188	1-1/4	TMI-27-060P-E4	NS	096241	1-1/4
60	480	3-3	43-5/8	165	TMI-27-060P-E1	NS	197579	1-1/2	TMI-27-060P-E2	NS	096196	1-1/4	TMI-27-060P-E4	NS	096250	1-1/4
75	240	3-3	51-13/16	200	TMI-27-075P-E1	NS	197587	1-1/2	TMI-27-075P-E2	NS	096209	1-1/4	TMI-27-075P-E4	NS	096268	1-1/4
75	480	3-3	51-13/16	200	TMI-27-075P-E1	NS	197595	1-1/2	TMI-27-075P-E2	NS	096217	1-1/4	TMI-27-075P-E4	NS	096276	1-1/4
<b>12 Inch - 150 Lb. Steel Flange — 36 INCOLOY® Sheath Elements — 20 W/in<sup>2</sup></b>																
60	240	3-3	32-3/4	175	TMI-36-060P-E1	NS	197608	1-1/2	TMI-36-060P-E2	NS	096284	1-1/4	TMI-36-060P-E4	NS	096348	1-1/2
60	480	3-3	32-3/4	175	TMI-36-060P-E1	NS	197616	1-1/2	TMI-36-060P-E2	NS	096292	1-1/4	TMI-36-060P-E4	NS	096356	1-1/2
80	240	3-3	43-9/16	210	TMI-36-080P-E1	NS	197624	1-1/2	TMI-36-080P-E2	NS	096305	1-1/4	TMI-36-080P-E4	NS	096364	1-1/2
80	480	3-3	43-9/16	210	TMI-36-080P-E1	NS	197632	1-1/2	TMI-36-080P-E2	NS	096313	1-1/4	TMI-36-080P-E4	NS	096372	1-1/2
100	240	3-3	51-3/4	250	TMI-36-100P-E1	NS	197640	1-1/2	TMI-36-100P-E2	NS	096321	1-1/4	TMI-36-100P-E4 <sup>5</sup>	NS	096380	1-1/2
100	480	3-3	51-3/4	250	TMI-36-100P-E1	NS	197659	1-1/2	TMI-36-100P-E2	NS	096330	1-1/4	TMI-36-100P-E4	NS	096399	1-1/2
<b>14 Inch - 150 Lb. Steel Flange — 45 INCOLOY® Sheath Elements — 20 W/in<sup>2</sup></b>																
75	240	3-3	32-5/8	195	TMI-45-075P-E1	NS	197667	2	TMI-45-075P-E2	NS	096401	1-1/4	TMI-45-075P-E4	NS	096460	1-1/2
75	480	3-3	32-5/8	195	TMI-45-075P-E1	NS	197675	2	TMI-45-075P-E2	NS	096410	1-1/4	TMI-45-075P-E4	NS	096479	1-1/2
100	240	3-3	43-7/16	225	TMI-45-100P-E1	NS	197683	2	TMI-45-100P-E2	NS	096428	1-1/4	TMI-45-100P-E4	NS	096487	1-1/2
100	480	3-3	43-7/16	225	TMI-45-100P-E1	NS	197691	2	TMI-45-100P-E2	NS	096436	1-1/4	TMI-45-100P-E4	NS	096495	1-1/2
125	240	3-3	51-5/8	270	TMI-45-125P-E1	NS	197704	2	TMI-45-125P-E2	NS	096444	1-1/2	TMI-45-125P-E4	NS	096508	1-1/2
125	480	3-3	51-5/8	270	TMI-45-125P-E1	NS	197712	2	TMI-45-125P-E2	NS	096452	1-1/4	TMI-45-125P-E4	NS	096532	1-1/2

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

\*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 E4 enclosure add 7 lbs. to Wt. of E1 enclosure heater.
- C. For Wt. of 8, 10, 12 and 14" flange with E4 enclosure add 10 lbs. to Wt. of E1 enclosure heater.