

# SEVERE CORROSIVE SOLUTION FLANGED IMMERSION HEATERS

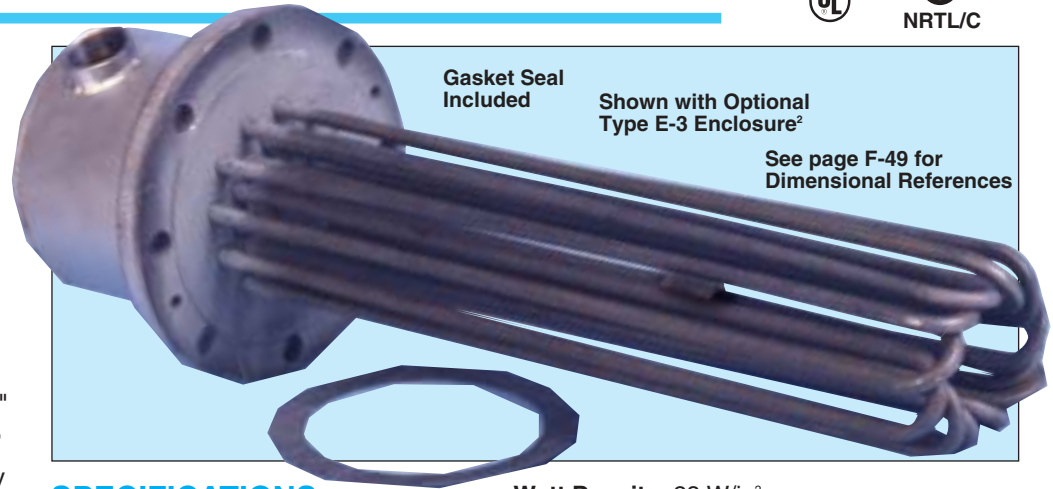


## TMI Series

- ✓ Heavy Duty for Severe Corrosive Solutions
- ✓ 3-8 Inch 150 lb. Steel Flange
- ✓ 3 to 50 kW
- ✓ Premium Grade Incoloy Sheath

### FEATURES

**Rugged construction.** Sturdy .475" (1.2 cm) diameter Incoloy elements, welded to steel flanges provide superior rigidity and strength. Heavy duty jumper straps and terminal posts assure permanent tightness of connections and an extra margin of current carrying capacity.



Gasket Seal Included

Shown with Optional Type E-3 Enclosure<sup>2</sup>

See page F-49 for Dimensional References

### SPECIFICATIONS

**Wattage:** 3 to 50 kW  
**Power:** 240 and 480 VAC, 1 & 3 phase

**Watt Density:** 23 W/in<sup>2</sup>  
**Terminal Enclosure:** General purpose, Type E-2 Type E-3 or Type E-4.

**To Order (Specify Model Number) Ordering Example:** Model TMI-3035/240 is a 3kW heater powered by 1 phase 240 VAC, \$922

kW	Circ. & Ph.	Dim. in (cm)	Wt. lb (kg)	E-1 General Purpose Encl. <sup>1</sup>		Dim. in (cm)	E-2 Moisture Resistant/Explosion-Resistant Encl. <sup>2</sup>		Dim. in (cm)	Model No.	Price	Dim. in (cm)
				Model No.	Price		Model No.	Price				
<b>3 Inch-150 lb. Steel Flange, 3 Incoloy Sheath Elements — 23 W/in<sup>2</sup></b>												
3	1	18 <sup>1</sup> / <sub>16</sub> (46)	16 (7)	TMI-3035/240/*	\$922	1 (3)	TMI-3035E2/240/*	\$1129	3/4 (2)			
3	1	18 <sup>1</sup> / <sub>16</sub> (46)	16 (7)	TMI-3035/480/*	922	1 (3)	TMI-3035E2/240/*	1129	3/4 (2)			
4.5	1	25 <sup>5</sup> / <sub>16</sub> (64)	17 (8)	TMI-3045/240/*	1061	1 (3)	TMI-3045E2/240/*	1270	3/4 (2)			
4.5	1	25 <sup>5</sup> / <sub>16</sub> (64)	17 (8)	TMI-3045/480/*	1061	1 (3)	TMI-3045E2/480/*	1270	3/4 (2)			
6	1	33 <sup>1</sup> / <sub>16</sub> (84)	18 (8)	TMI-3065/240/*	1256	1 (3)	TMI-3065E2/240/*	1464	3/4 (2)			
6	1	33 <sup>1</sup> / <sub>16</sub> (84)	18 (8)	TMI-3065/480/*	1256	1 (3)	TMI-3065E2/480/*	1464	3/4 (2)			
7.5	1-3	40 <sup>9</sup> / <sub>16</sub> (103)	19 (9)	TMI-3075/240/3P	1397	1 (3)	TMI-3075E2/240/3P	1609	3/4 (2)			
7.5	1-3	40 <sup>9</sup> / <sub>16</sub> (103)	19 (9)	TMI-3075/480/3P	1397	1 (3)	TMI-3075E2/480/3P	1609	3/4 (2)			
9	1-3	48 <sup>3</sup> / <sub>16</sub> (122)	21 (9)	TMI-3095/240/3P	1578	1 (3)	TMI-3095E2/480/3P	1784	3/4 (2)			
9	1	48 <sup>3</sup> / <sub>16</sub> (122)	21 (9)	TMI-3095/480/*	1578	1 (3)	TMI-3095E2/240/*	1784	3/4 (2)			
<b>5 Inch-150 Lb. Steel Flange, 6 Incoloy Sheath Elements — 23 W/in<sup>2</sup></b>												
				General Purpose Encl. <sup>1</sup>				E-3 Explosion Res. Encl. <sup>2</sup>		E-4 Moisture Res. Encl. <sup>1</sup>		
9	1-3	25 <sup>5</sup> / <sub>16</sub> (64)	32 (15)	TMI-6095/**/3P	\$1684	1 (3)	TMI-6095E3/**/3P	\$2251	1 1/2 (4)	TMI-6095E4/**/3P	\$2157	1 (3)
12	1-3	33 <sup>1</sup> / <sub>16</sub> (84)	33 (15)	TMI-6125/**/3P	1871	1 (3)	TMI-6125E3/**/3P	2001	1 1/2 (4)	TMI-6125E4/**/3P	1922	1 (3)
15	1-3	40 <sup>9</sup> / <sub>16</sub> (103)	35 (16)	TMI-6155/**/3P	2156	1 (3)	TMI-6155E3/**/3P	2414	1 1/2 (4)	TMI-6155E4/**/3P	2624	1 (3)
20	1-3	52 <sup>1</sup> / <sub>16</sub> (46)	38 (17)	TMI-6205/**/3P	2639	1 (3)	TMI-6205E3/**/3P	3196	1 1/2 (4)	TMI-6205E4/**/3P	3108	1 (3)
25	1-3	65 <sup>1</sup> / <sub>16</sub> (64)	42 (19)	TMI-6255/**/3P	3069	1 (3)	TMI-6255E3/**/3P	3635	1 1/2 (4)	TMI-6255E4/**/3P	3545	1 (3)
30	2-3	78 <sup>3</sup> / <sub>16</sub> (84)	46 (21)	TMI-6305/**/3P	3564	1 (3)	TMI-6305E3/**/3P	4126	1 1/2 (4)	TMI-6305E4/**/3P	4035	1 (3)
<b>6 Inch-150 Lb. Steel Flange, 12 Incoloy Sheath Elements — 23 W/in<sup>2</sup></b>												
18	2-3	25 <sup>5</sup> / <sub>16</sub> (64)	67 (30)	TMI-1218/**/3P	3508	1 (3)	TMI-1218E3/**/3P	4317	1 1/2 (4)	TMI-1218E4/**/3P	4039	1 1/2 (4)
24	2-3	33 (84)	76 (34)	TMI-1224/**/3P	3728	1 (3)	TMI-1224E3/**/3P	4529	1 1/2 (4)	TMI-1224E4/**/3P	4266	1 1/2 (4)
30	2-3	40 <sup>1</sup> / <sub>2</sub> (103)	84 (38)	TMI-1230/**/3P	3880	1 (3)	TMI-1230E3/**/3P	4691	1 1/2 (4)	TMI-1230E4/**/3P	4419	1 1/2 (4)
36	2-3	48 (122)	111(50)	TMI-1236/**/3P	4214	1 (3)	TMI-1236E3/**/3P	5029	1 1/2 (4)	TMI-1236E4/**/3P	4761	1 1/2 (4)
<b>8 Inch-150 Lb. Steel Flange, 18 Incoloy Sheath Elements — 23 W/in<sup>2</sup></b>												
30	3-3	32 <sup>1</sup> / <sub>8</sub> (112)	112(51)	TMI-1830R1/**/3P	4985	1 (3)						
40	3-3	43 <sup>1</sup> / <sub>16</sub> (125)	125(57)	TMI-1840R1/**/3P	5760	1 (3)						
50	3-3	51 <sup>1</sup> / <sub>8</sub> (103)	130(59)	TMI-1850R1/**/3P	6064	1 (3)						

/\* Add the suffix "/3P" to the model number for 3 phase power. /\*\* Designate voltage, i.e., 240 for 240 VAC or 480 for 480 VAC. **Note:** Larger flange sizes and kW rating available. Contact OMEGALUX.<sup>®</sup> <sup>1</sup> Heaters with General Purpose & Moisture Resistant Enclosures are UL Listed and CSA Certified. <sup>2</sup> Heaters with Explosion Resistant Enclosures are CSA NRTL/C Certified and are not intended for use in hazardous areas.

**Ordering Example:** Model TMI-6095/240/3P is a kW heater power by 3 phase 240 VAC, \$1684.

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