

# Immersion

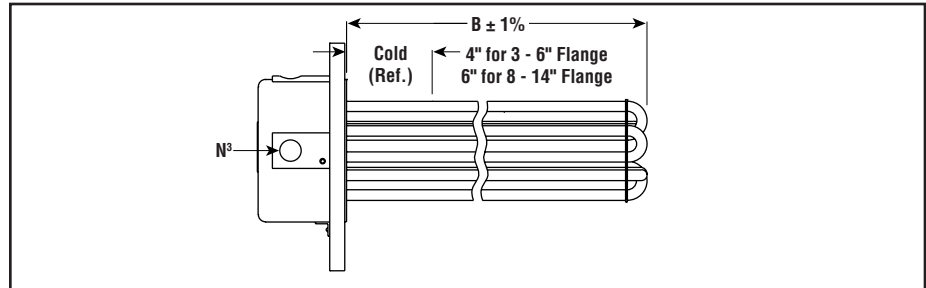
## TMS

### Mildly Corrosive Solution Applications

- 3 - 8" 150 Lb. Carbon Steel Flange
- Stainless Steel Sheath Elements
- Stainless Steel Thermowell
- 23 W/In<sup>2</sup>
- 3 - 50 kW
- 240 and 480 Volt, 1 & 3 Phase
- General Purpose, Moisture Resistant or Moisture Resistant/Explosion Resistant Terminal Enclosures



#### 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 Stainless Steel Sheath Elements — 23 W/In<sup>2</sup></b>												
3	240	1-1	18-1/16	16	TMS-3035M	AS	231095	1	TMS-3035ME2	AS	030015	3/4
3	240	1-3	18-1/16	16	TMS-3035M	AS	231108	1	TMS-3035ME2	AS	030023	3/4
3	480	1-1	18-1/16	16	TMS-3035M	AS	231116	1	TMS-3035ME2	AS	030031	3/4
3	480	1-3	18-1/16	16	TMS-3035M	AS	231124	1	TMS-3035ME2	AS	030040	3/4
4.5	240	1-1	25-3/16	17	TMS-3045M	AS	231132	1	TMS-3045ME2	AS	030058	3/4
4.5	240	1-3	25-3/16	17	TMS-3045M	AS	231140	1	TMS-3045ME2	AS	030066	3/4
4.5	480	1-1	25-3/16	17	TMS-3045M	AS	231159	1	TMS-3045ME2	AS	030074	3/4
4.5	480	1-3	25-3/16	17	TMS-3045M	AS	231167	1	TMS-3045ME2	AS	030082	3/4
6	240	1-1	33-1/16	18	TMS-3065M	AS	231175	1	TMS-3065ME2	AS	030090	3/4
6	240	1-3	33-1/16	18	TMS-3065M	AS	231183	1	TMS-3065ME2	AS	030103	3/4
6	480	1-1	33-1/16	18	TMS-3065M	AS	231191	1	TMS-3065ME2	AS	030111	3/4
6	480	1-3	33-1/16	18	TMS-3065M	AS	231204	1	TMS-3065ME2	AS	030120	3/4
7.5	240	1-3	40-9/16	19	TMS-3075M	AS	231212	1	TMS-3075ME2	AS	030138	3/4
7.5	480	1-3	40-9/16	19	TMS-3075M	AS	231220	1	TMS-3075ME2	AS	030146	3/4
9	480	1-1	48-1/16	21	TMS-3095M	AS	231239	1	TMS-3095ME2	AS	030154	3/4
9	480	1-3	48-1/16	21	TMS-3095M	AS	231247	1	TMS-3095ME2	AS	030162	3/4
9	240	1-3	48-1/16	21	TMS-3095M	AS	231255	1	TMS-3095ME2	AS	030170	3/4

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### Mildly 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 Stainless Steel Sheath Elements — 23 W/In<sup>2</sup></b>																
9	240	1-3	25-3/16	32	TMS-6095M	AS	231263	1	TMS-6095ME3	AS	030189	1-1/2	TMS-6095ME4	AS	030306	1
9	480	1-3	25-3/16	32	TMS-6095M	AS	231271	1	TMS-6095ME3	AS	030197	1-1/2	TMS-6095ME4	AS	030314	1
12	240	1-3	33-1/16	33	TMS-6125M	AS	231280	1	TMS-6125ME3	AS	030200	1-1/2	TMS-6125ME4	AS	030322	1
12	480	1-3	33-1/16	33	TMS-6125M	AS	231298	1	TMS-6125ME3	AS	030218	1-1/2	TMS-6125ME4	AS	030330	1
15	240	1-3	40-9/16	35	TMS-6155M	AS	231300	1	TMS-6155ME3	AS	030226	1-1/2	TMS-6155ME4	AS	030349	1
15	480	1-3	40-9/16	35	TMS-6155M	AS	231319	1	TMS-6155ME3	AS	030234	1-1/2	TMS-6155ME4	AS	030357	1
20	240	1-3	52-1/16	38	TMS-6205M	AS	231327	1	TMS-6205ME3	AS	030242	1-1/2	TMS-6205ME4	AS	030365	1
20	480	1-3	52-1/16	38	TMS-6205M	AS	231335	1	TMS-6205ME3	AS	030250	1-1/2	TMS-6205ME4	AS	030373	1
25	240	2-3	65-1/16	42	TMS-6255M	AS	231343	1	TMS-6255ME3	AS	030269	1-1/2	TMS-6255ME4	AS	030381	1
25	480	1-3	65-1/16	42	TMS-6255M	AS	231351	1	TMS-6255ME3	AS	030277	1-1/2	TMS-6255ME4	AS	030390	1
30	240	2-3	78-1/16	46	TMS-6305M	AS	231360	1	TMS-6305ME3	AS	030285	1-1/2	TMS-6305ME4	AS	030402	1
30	480	1-3	78-1/16	46	TMS-6305M	AS	231378	1	TMS-6305ME3	AS	030293	1-1/2	TMS-6305ME4	AS	030410	1
<b>6 Inch - 150 Lb. Steel Flange — 12 Stainless Steel Sheath Elements — 23 W/In<sup>2</sup></b>																
18	240	1-3	25-1/8	67	TMS-1218M	AS	231386	1	TMS-1218ME3	AS	030429	1-1/2	TMS-1218ME4	AS	030509	1-1/2
18	480	1-3	25-1/8	67	TMS-1218M	AS	231394	1	TMS-1218ME3	AS	030437	1-1/2	TMS-1218ME4	AS	030517	1-1/2
24	240	2-3	33	76	TMS-1224M	AS	231407	1	TMS-1224ME3	AS	030445	1-1/2	TMS-1224ME4	AS	030525	1-1/2
24	480	1-3	33	76	TMS-1224M	AS	231415	1	TMS-1224ME3	AS	030453	1-1/2	TMS-1224ME4	AS	030533	1-1/2
30	240	2-3	40-1/2	84	TMS-1230M	AS	231423	1	TMS-1230ME3	AS	030461	1-1/2	TMS-1230ME4	AS	030541	1-1/2
30	480	1-3	40-1/2	84	TMS-1230M	AS	231431	1	TMS-1230ME3	AS	030470	1-1/2	TMS-1230ME4	AS	030550	1-1/2
36	240	2-3	48	111	TMS-1236M	AS	231440	1	TMS-1236ME3	AS	030488	1-1/2	TMS-1236ME4	AS	030568	1-1/2
36	480	1-3	48	111	TMS-1236M	AS	231458	1	TMS-1236ME3	AS	030496	1-1/2	TMS-1236ME4	AS	030576	1-1/2
<b>8 Inch - 150 Lb. Steel Flange — 18 Stainless Steel Sheath Elements — 23 W/In<sup>2</sup></b>																
30	240	3-3	32-7/8	112	TMS-1830R1	NS	231466	1	TMS-1830R1E3	NS	030584	3/4	TMS-1830R1E4	NS	030648	1-1/2
30	480	3-3	32-7/8	112	TMS-1830R1	NS	231474	1	TMS-1830R1E3	NS	030592	3/4	TMS-1830R1E4	NS	030656	1-1/2
40	240	3-3	43-11/16	125	TMS-1840R1	NS	231482	1	TMS-1840R1E3	NS	030605	3/4	TMS-1840R1E4	NS	030664	1-1/2
40	480	3-3	43-11/16	125	TMS-1840R1	NS	231490	1	TMS-1840R1E3	NS	030613	3/4	TMS-1840R1E4	NS	030672	1-1/2
50	240	3-3	51-7/8	130	TMS-1850R1	NS	231503	1	TMS-1850R1E3	NS	030621	3/4	TMS-1850R1E4	NS	030680	1-1/2
50	480	3-3	51-7/8	130	TMS-1850R1	NS	231511	1	TMS-1850R1E3	NS	030630	3/4	TMS-1850R1E4	NS	030699	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" flange with E3 or E4 enclosure add 10 lbs. to Wt. of E1 enclosure heater.

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