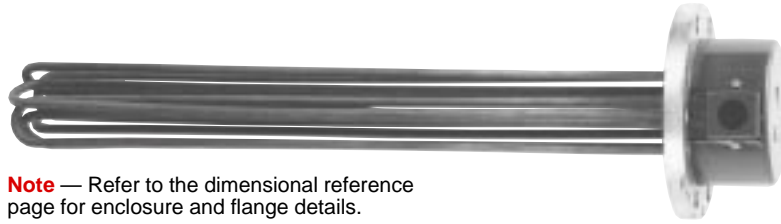


# Immersion

## 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

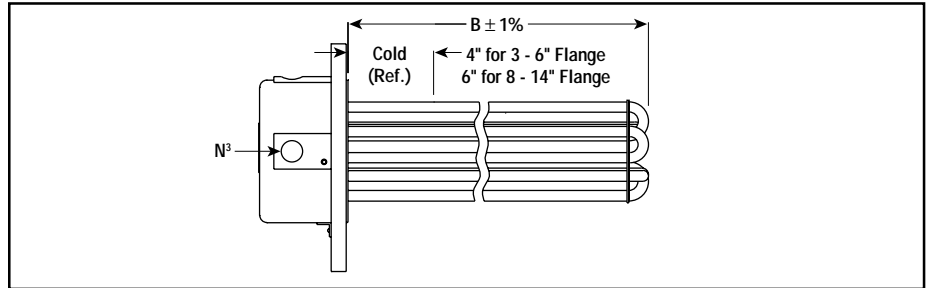


**Note** — Refer to the dimensional reference page for enclosure and flange details.



Flanged

#### Dimensions (Inches)



#### 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

## TMS

### 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
<p><b>Stock Status:</b> S = stock AS = assembly stock NS = non-stock  <b>To Order</b>—Specify model, PCN, kW, volts, phase and quantity.</p> <p>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.</p>																