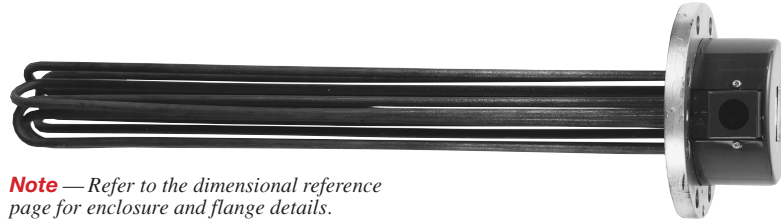


## TMS

### Process Water Applications

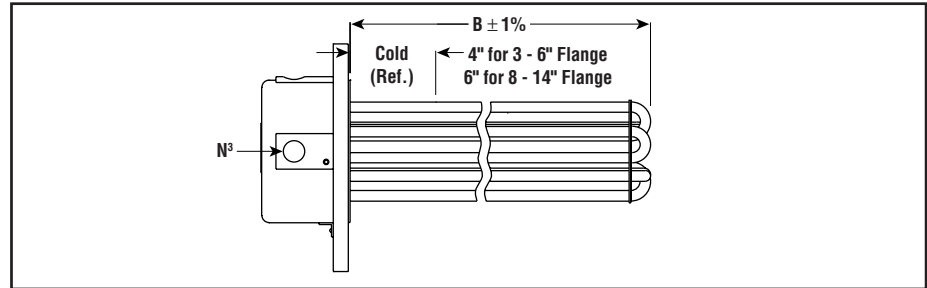
- 3 - 8" 150 Lb. Carbon Steel Flange
- Stainless Steel Sheath Elements
- Stainless Steel Thermowell
- 45 W/In<sup>2</sup>
- 6 - 200 kW
- 240 and 480 Volt, 1 & 3 Phase
- General Purpose, Moisture Resistant or Moisture Resistant/Explosion Resistant Terminal Enclosures



**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 Stainless Steel Sheath Elements — 45 W/In<sup>2</sup></b>												
6	240	1-1	18-1/16	16	TMS-3065	AS	232012	1	TMS-3065E2	AS	232215	3/4
6	240	1-3	18-1/16	16	TMS-3065	AS	232020	1	TMS-3065E2	AS	232223	3/4
6	480	1-1	18-1/16	16	TMS-3065	AS	232039	1	TMS-3065E2	AS	232231	3/4
6	480	1-3	18-1/16	16	TMS-3065	AS	232047	1	TMS-3065E2	AS	232240	3/4
9	240	1-1	25-3/16	17	TMS-3095	AS	232055	1	TMS-3095E2	AS	232258	3/4
9	240	1-3	25-3/16	17	TMS-3095	AS	232063	1	TMS-3095E2	AS	232264	3/4
9	480	1-1	25-3/16	17	TMS-3095	AS	232071	1	TMS-3095E2	AS	232274	3/4
9	480	1-3	25-3/16	17	TMS-3095	AS	232080	1	TMS-3095E2	AS	232282	3/4
12	240	1-1	33-1/16	18	TMS-3125 <sup>5</sup>	AS	232098	1-1/4	TMS-3125E2 <sup>5</sup>	AS	232290	1
12	240	1-3	33-1/16	18	TMS-3125	AS	232100	1	TMS-3125E2	AS	232303	3/4
12	480	1-1	33-1/16	18	TMS-3125	AS	232119	1	TMS-3125E2	AS	232311	3/4
12	480	1-3	33-1/16	18	TMS-3125	AS	232127	1	TMS-3125E2	AS	232320	3/4
15	240	1-1	40-9/16	20	TMS-3155 <sup>5</sup>	AS	232135	1-1/4	TMS-3155E2 <sup>5</sup>	AS	232330	1-1/4
15	240	1-3	40-9/16	20	TMS-3155	AS	232143	1	TMS-3155E2	AS	232346	3/4
15	480	1-1	40-9/16	20	TMS-3155	AS	232151	1	TMS-3155E2	AS	232354	3/4
15	480	1-3	40-9/16	20	TMS-3155	AS	232160	1	TMS-3155E2	AS	232362	3/4
18	240	1-1	48-1/16	21	TMS-3185 <sup>5</sup>	AS	232178	1-1/4	TMS-3185E2 <sup>5</sup>	AS	232370	1-1/4
18	240	1-3	48-1/16	21	TMS-3185	AS	232186	1	TMS-3185E2	AS	232389	3/4
18	480	1-1	48-1/16	21	TMS-3185	AS	232194	1	TMS-3185E2	AS	232397	3/4
18	480	1-3	48-1/16	21	TMS-3185	AS	232207	1	TMS-3185E2	AS	232408	3/4

# TMS

## Process Water

## 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 — 45 W/In<sup>2</sup></b>																
12	240	1-3	18-1/16	30	TMS-6125	AS	232410	1	TMS-6125E3	AS	232573	1-1/2	TMS-6125E4	AS	232733	1
12	480	1-3	18-1/16	30	TMS-6125	AS	232426	1	TMS-6125E3	AS	232581	1-1/2	TMS-6125E4	AS	232741	1
15	240	1-3	19-13/16	31	TMS-6155	AS	232434	1	TMS-6155E3	AS	232590	1-1/2	TMS-6155E4	AS	232750	1
15	480	1-3	19-13/16	31	TMS-6155	AS	232442	1	TMS-6155E3	AS	232602	1-1/2	TMS-6155E4	AS	232768	1
18	240	1-3	25-3/16	33	TMS-6185	AS	232450	1	TMS-6185E3	AS	232610	1-1/2	TMS-6185E4	AS	232776	1
18	480	1-3	25-3/16	33	TMS-6185	AS	232469	1	TMS-6185E3	AS	232629	1-1/2	TMS-6185E4	AS	232784	1
24	240	2-3	33-1/16	37	TMS-6245	AS	232477	1	TMS-6245E3	AS	232637	1-1/2	TMS-6245E4	AS	232792	1
24	480	1-3	33-1/16	37	TMS-6245	AS	232489	1	TMS-6245E3	AS	232645	1-1/2	TMS-6245E4	AS	232805	1
30	240	2-3	40-9/16	40	TMS-6305	AS	232493	1	TMS-6305E3	AS	232653	1-1/2	TMS-6305E4	AS	232813	1
30	480	2-3	40-9/16	40	TMS-6305	AS	232504	1	TMS-6305E3	AS	232661	1-1/2	TMS-6305E4	AS	232821	1
40	240	2-3	52-1/16	51	TMS-6405	AS	232514	1	TMS-6405E3	AS	232670	1-1/2	TMS-6405E4	AS	232830	1
40	480	2-3	52-1/16	51	TMS-6405	AS	232522	1	TMS-6405E3	AS	232688	1-1/2	TMS-6405E4	AS	232848	1
50	240	2-3	65-1/16	64	TMS-6505 <sup>5</sup>	AS	232530	1	TMS-6505E3 <sup>5</sup>	AS	232696	1-1/2	TMS-6505E4 <sup>5</sup>	AS	232856	1
50	480	2-3	65-1/16	64	TMS-6505	AS	232549	1	TMS-6505E3	AS	232709	1-1/2	TMS-6505E4	AS	232864	1
60	240	2-3	78-1/16	77	TMS-6605 <sup>5</sup>	AS	232557	1	TMS-6605E3 <sup>5</sup>	AS	232717	1-1/2	TMS-6605E4 <sup>5</sup>	AS	232872	1
60	480	2-3	78-1/16	77	TMS-6605	AS	232565	1	TMS-6605E3	AS	232725	1-1/2	TMS-6605E4	AS	232880	1
<b>6 Inch - 150 Lb. Steel Flange — 12 Stainless Steel Sheath Elements — 45 W/In<sup>2</sup></b>																
36	240	2-3	25-1/8	67	TMS-1236	AS	232899	1	TMS-1236E3	AS	232979	1-1/2	TMS-1236E4	AS	233056	1-1/2
36	480	2-3	25-1/8	67	TMS-1236	AS	232901	1	TMS-1236E3	AS	232987	1-1/2	TMS-1236E4	AS	233066	1-1/2
48	240	2-3	33	76	TMS-1248 <sup>5</sup>	AS	232910	1-1/4	TMS-1248E3 <sup>5</sup>	AS	232995	1-1/2	TMS-1248E4 <sup>5</sup>	AS	233074	1-1/2
48	480	2-3	33	76	TMS-1248	AS	232928	1	TMS-1248E3	AS	233007	1-1/2	TMS-1248E4	AS	233082	1-1/2
60	240	2-3	40-1/2	84	TMS-1260 <sup>5</sup>	AS	232936	1-1/4	TMS-1260E3 <sup>5</sup>	AS	233015	1-1/2	TMS-1260E4 <sup>5</sup>	AS	233090	1-1/2
60	480	2-3	40-1/2	84	TMS-1260	AS	232944	1	TMS-1260E3	AS	233023	1-1/2	TMS-1260E4	AS	233103	1-1/2
72	240	2-3	48	111	TMS-1272 <sup>5</sup>	AS	232952	1-1/4	TMS-1272E3 <sup>5</sup>	AS	233031	1-1/2	TMS-1272E4 <sup>5</sup>	AS	233111	1-1/2
72	480	2-3	48	111	TMS-1272	AS	232960	1	TMS-1272E3	AS	233040	1-1/2	TMS-1272E4	AS	233120	1-1/2
<b>8 Inch - 150 Lb. Steel Flange — 18 Stainless Steel Sheath Elements — 45 W/In<sup>2</sup></b>																
50	240	3-3	27-7/8	107	TMS-1850	NS	233138	1	TMS-1850E3	NS	233277	3/4	TMS-1850E4	NS	233410	1-1/2
50	480	3-3	27-7/8	107	TMS-1850	NS	233146	1	TMS-1850E3	NS	233205	3/4	TMS-1850E4	NS	233429	1-1/2
75	240	3-3	36-7/8	121	TMS-1875 <sup>5</sup>	NS	233154	1	TMS-1875E3 <sup>5</sup>	NS	233293	3/4	TMS-1875E4 <sup>5</sup>	NS	233437	1-1/2
75	480	3-3	36-7/8	121	TMS-1875	NS	233162	1	TMS-1875E3	NS	233306	3/4	TMS-1875E4	NS	233445	1-1/2
100	240	3-3	43-11/16	126	TMS-18100 <sup>5</sup>	NS	233170	1-1/4	TMS-18100E3 <sup>5</sup>	NS	233314	3/4	TMS-18100E4 <sup>5</sup>	NS	233453	1-1/2
100	480	3-3	43-11/16	126	TMS-18100	NS	233189	1	TMS-18100E3	NS	233322	3/4	TMS-18100E4	NS	233461	1-1/2
120	240	3-3	51-7/8	128	TMS-18120 <sup>5</sup>	NS	233197	1-1/2	TMS-18120E3 <sup>5</sup>	NS	233330	3/4	TMS-18120E4 <sup>5</sup>	NS	233470	1-1/2
120	480	3-3	51-7/8	128	TMS-18120 <sup>5</sup>	NS	233200	1	TMS-18120E3 <sup>5</sup>	NS	233349	3/4	TMS-18120E4 <sup>5</sup>	NS	233488	1-1/2
150	240	3-3	61-3/8	134	TMS-18150 <sup>5</sup>	NS	233218	2	TMS-18150E3 <sup>5</sup>	NS	233357	3/4	TMS-18150E4 <sup>5</sup>	NS	233496	1-1/2
150	480	3-3	61-3/8	134	TMS-18150 <sup>5</sup>	NS	233226	1-1/4	TMS-18150E3 <sup>5</sup>	NS	233365	3/4	TMS-18150E4 <sup>5</sup>	NS	233509	1-1/2
175	240	3-3	69-7/8	140	TMS-18175 <sup>5</sup>	NS	233234	2	TMS-18175E3 <sup>5</sup>	NS	233373	1-1/4	TMS-18175E4 <sup>5</sup>	NS	233517	1-1/2
175	480	3-3	69-7/8	140	TMS-18175 <sup>5</sup>	NS	233242	1-1/4	TMS-18175E3 <sup>5</sup>	NS	233381	3/4	TMS-18175E4 <sup>5</sup>	NS	233525	1-1/2
200	240	3-3	78-7/8	145	TMS-18200 <sup>5</sup>	NS	233250	2-1/2	TMS-18200E3 <sup>5</sup>	NS	233390	1-1/4	TMS-18200E4 <sup>5</sup>	NS	233533	1-1/2
200	480	3-3	78-7/8	145	TMS-18200 <sup>5</sup>	NS	233269	1-1/4	TMS-18200E3 <sup>5</sup>	NS	233402	3/4	TMS-18200E4 <sup>5</sup>	NS	233451	1-1/2

**Stock Status:** S = stock AS = assembly stock NS = non-stock

**To Order—**Specify model, PCN, kW, volts, phase and quantity.

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