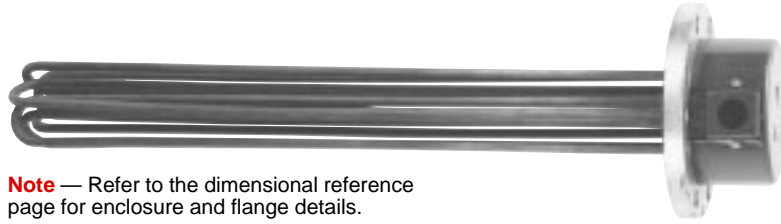


Immersion

TMS

Process Water Applications

- 3 - 8" 150 Lb. Carbon Steel Flange
- Stainless Steel Sheath Elements
- Stainless Steel Thermowell
- 45 W/In²
- 6 - 200 kW
- 240 and 480 Volt, 1 & 3 Phase
- General Purpose, Moisture Resistant or Moisture Resistant/Explosion Resistant Terminal Enclosures

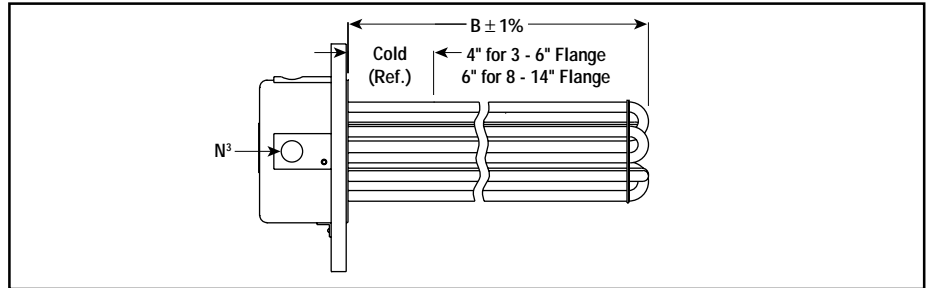


Note — Refer to the dimensional reference page for enclosure and flange details.



Flanged

Dimensions (Inches)



Specifications and Ordering Information

					E1 General Purpose ¹				E2 Moisture Resistant/Explosion Resistant ²			
kW	Volts	CKT & Phase	DIM B (In.)	Wt. ⁴ (Lbs.)	Model	Stock	PCN	DIM N ³ (In.)	Model	Stock	PCN	DIM N ³ (In.)
3 Inch - 150 Lb. Steel Flange — 3 Stainless Steel Sheath Elements — 45 W/In²												
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 ⁵	AS	232098	1-1/4	TMS-3125E2 ⁵	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 ⁵	AS	232135	1-1/4	TMS-3155E2 ⁵	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 ⁵	AS	232178	1-1/4	TMS-3185E2 ⁵	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 ¹				E3 Explosion Resistant ²				E4 Moisture Resistant ¹			
kW	Volts	CKT & Phase	DIM B (In.)	Wt. ⁴ (Lbs.)	Model	Stock	PCN	DIM N ³ (In.)	Model	Stock	PCN	DIM N ³ (In.)	Model	Stock	PCN	DIM N ³ (In.)
5 Inch - 150 Lb. Steel Flange — 6 Stainless Steel Sheath Elements — 45 W/In²																
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 ⁵	AS	232530	1	TMS-6505E3 ⁵	AS	232696	1-1/2	TMS-6505E4 ⁵	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 ⁵	AS	232557	1	TMS-6605E3 ⁵	AS	232717	1-1/2	TMS-6605E4 ⁵	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
6 Inch - 150 Lb. Steel Flange — 12 Stainless Steel Sheath Elements — 45 W/In²																
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 ⁵	AS	232910	1-1/4	TMS-1248E3 ⁵	AS	232995	1-1/2	TMS-1248E4 ⁵	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 ⁵	AS	232936	1-1/4	TMS-1260E3 ⁵	AS	233015	1-1/2	TMS-1260E4 ⁵	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 ⁵	AS	232952	1-1/4	TMS-1272E3 ⁵	AS	233031	1-1/2	TMS-1272E4 ⁵	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
8 Inch - 150 Lb. Steel Flange — 18 Stainless Steel Sheath Elements — 45 W/In²																
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 ⁵	NS	233154	1	TMS-1875E3 ⁵	NS	233293	3/4	TMS-1875E4 ⁵	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 ⁵	NS	233170	1-1/4	TMS-18100E3 ⁵	NS	233314	3/4	TMS-18100E4 ⁵	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 ⁵	NS	233197	1-1/2	TMS-18120E3 ⁵	NS	233330	3/4	TMS-18120E4 ⁵	NS	233470	1-1/2
120	480	3-3	51-7/8	128	TMS-18120 ⁵	NS	233200	1	TMS-18120E3 ⁵	NS	233349	3/4	TMS-18120E4 ⁵	NS	233488	1-1/2
150	240	3-3	61-3/8	134	TMS-18150 ⁵	NS	233218	2	TMS-18150E3 ⁵	NS	233357	3/4	TMS-18150E4 ⁵	NS	233496	1-1/2
150	480	3-3	61-3/8	134	TMS-18150 ⁵	NS	233226	1-1/4	TMS-18150E3 ⁵	NS	233365	3/4	TMS-18150E4 ⁵	NS	233509	1-1/2
175	240	3-3	69-7/8	140	TMS-18175 ⁵	NS	233234	2	TMS-18175E3 ⁵	NS	233373	1-1/4	TMS-18175E4 ⁵	NS	233517	1-1/2
175	480	3-3	69-7/8	140	TMS-18175 ⁵	NS	233242	1-1/4	TMS-18175E3 ⁵	NS	233381	3/4	TMS-18175E4 ⁵	NS	233525	1-1/2
200	240	3-3	78-7/8	145	TMS-18200 ⁵	NS	233250	2-1/2	TMS-18200E3 ⁵	NS	233390	1-1/4	TMS-18200E4 ⁵	NS	233533	1-1/2
200	480	3-3	78-7/8	145	TMS-18200 ⁵	NS	233269	1-1/4	TMS-18200E3 ⁵	NS	233402	3/4	TMS-18200E4 ⁵	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.

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.
5. Not UL or CSA (units exceed 48 Amps). Contact your Local Chromalox Sales office for additional circuits to comply with 48 Amp maximum.