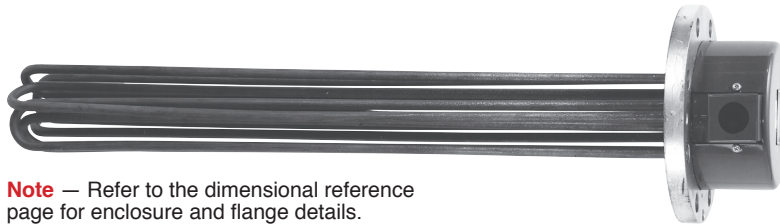


Immersion

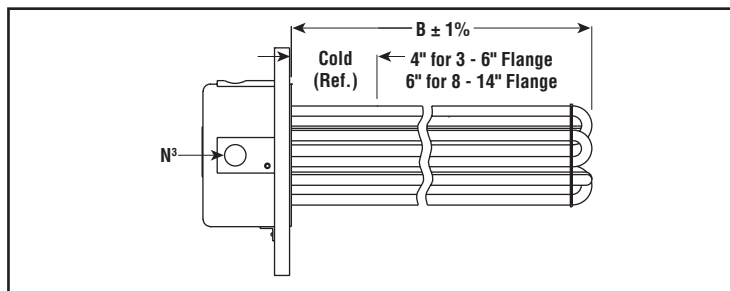
TMS Process Water Applications



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

- 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

Dimensions (Inches)



FLANGED

Specifications and Ordering Information

kW	Volts	CKT & Phase	DIM B (In.)	Wt. * (Lbs.)	E1 General Purpose				E2 Moisture Resistant/Explosion Resistant			
					Model	Stock	PCN	DIM N ³ (In.)	Model	Stock	PCN	DIM N (In.)
3 Inch - 150 Lb. Steel Flange — 3 Stainless Steel Sheath Elements — 45 W/in²												
6	240	1-1	18-1/16	16	TMS-03-006P-E	NS	232012	1	TMS-03-006P-E2	NS	232215	3/4
6	240	1-3	18-1/16	16	TMS-03-006P-E	NS	232020	1	TMS-03-006P-E2	NS	232223	3/4
6	480	1-1	18-1/16	16	TMS-03-006P-E	NS	232039	1	TMS-03-006P-E2	NS	232231	3/4
6	480	1-3	18-1/16	16	TMS-03-006P-E	NS	232047	1	TMS-03-006P-E2	NS	232240	3/4
9	240	1-1	25-3/16	17	TMS-03-009P-E1	NS	232055	1	TMS-03-009P-E2	NS	232258	3/4
9	240	1-3	25-3/16	17	TMS-03-009P-E1	NS	232063	1	TMS-03-009P-E2	NS	232264	3/4
9	480	1-1	25-3/16	17	TMS-03-009P-E1	NS	232071	1	TMS-03-009P-E2	NS	232274	3/4
9	480	1-3	25-3/16	17	TMS-03-009P-E1	NS	232080	1	TMS-03-009P-E2	NS	232282	3/4
12	240	1-1	33-1/16	18	TMS-03-012P-E1	NS	232098	1-1/4	TMS-03-012P-E2	NS	232290	1
12	240	1-3	33-1/16	18	TMS-03-012P-E1	NS	232100	1	TMS-03-012P-E2	NS	232303	3/4
12	480	1-1	33-1/16	18	TMS-03-012P-E1	NS	232119	1	TMS-03-012P-E2	NS	232311	3/4
12	480	1-3	33-1/16	18	TMS-03-012P-E1	NS	232127	1	TMS-03-012P-E2	NS	232320	3/4
15	240	1-1	40-9/16	20	TMS-03-015P-E1	NS	232135	1-1/4	TMS-03-015P-E2	NS	232330	1-1/4
15	240	1-3	40-9/16	20	TMS-03-015P-E1	NS	232143	1	TMS-03-015P-E2	NS	232346	3/4
15	480	1-1	40-9/16	20	TMS-03-015P-E1	NS	232151	1	TMS-03-015P-E2	NS	232354	3/4
15	480	1-3	40-9/16	20	TMS-03-015P-E1	NS	232160	1	TMS-03-015P-E2	NS	232362	3/4
18	240	1-1	48-1/16	21	TMS-03-018P-E1	NS	232178	1-1/4	TMS-03-018P-E2	NS	232370	1-1/4
18	240	1-3	48-1/16	21	TMS-03-018P-E1	NS	232186	1	TMS-03-018P-E2	NS	232389	3/4
18	480	1-1	48-1/16	21	TMS-03-018P-E1	NS	232194	1	TMS-03-018P-E2	NS	232397	3/4
18	480	1-3	48-1/16	21	TMS-03-018P-E1	NS	232207	1	TMS-03-018P-E2	NS	232408	3/4

TMS

Process Water

Applications (cont'd.)

Specifications and Ordering Information

					E1 General Purpose				E2 Moisture Resistant/Explosion Resistant				E4 Moisture Resistant			
kW	Volts	CKT & Phase	DIM B (In.)	Wt. * (Lbs.)	Model	Stock	PCN	DIM N (In.)	Model	Stock	PCN	DIM N (In.)	Model	Stock	PCN	DIM N (In.)
5 Inch - 150 Lb. Steel Flange — 6 Stainless Steel Sheath Elements — 45 W/in²																
12	240	1-3	18-1/16	30	TMS-06-012P-E1	NS	232410	1	TMS-06-012P-E2	NS	232573	1-1/2	TMS-06-012P-E4	NS	232733	1
12	480	1-3	18-1/16	30	TMS-06-012P-E1	NS	232426	1	TMS-06-012P-E2	NS	232581	1-1/2	TMS-06-012P-E4	NS	232741	1
15	240	1-3	19-13/16	31	TMS-06-015P-E1	NS	232434	1	TMS-06-015P-E2	NS	232590	1-1/2	TMS-06-015P-E4	NS	232750	1
15	480	1-3	19-13/16	31	TMS-06-015P-E1	NS	232442	1	TMS-06-015P-E2	NS	232602	1-1/2	TMS-06-015P-E4	NS	232768	1
18	240	1-3	25-3/16	33	TMS-06-018P-E1	NS	232450	1	TMS-06-018P-E2	NS	232610	1-1/2	TMS-06-018P-E4	NS	232776	1
18	480	1-3	25-3/16	33	TMS-06-018P-E1	NS	232469	1	TMS-06-018P-E2	NS	232629	1-1/2	TMS-06-018P-E4	NS	232784	1
24	240	2-3	33-1/16	37	TMS-06-024P-E1	NS	232477	1	TMS-06-024P-E2	NS	232637	1-1/2	TMS-06-024P-E4	NS	232792	1
24	480	1-3	33-1/16	37	TMS-06-024P-E1	NS	232489	1	TMS-06-024P-E2	NS	232645	1-1/2	TMS-06-024P-E4	NS	232805	1
30	240	2-3	40-9/16	40	TMS-06-030P-E1	NS	232493	1	TMS-06-030P-E2	NS	232653	1-1/2	TMS-06-030P-E4	NS	232813	1
30	480	1-3	40-9/16	40	TMS-06-030P-E1	NS	232504	1	TMS-06-030P-E2	NS	232661	1-1/2	TMS-06-030P-E4	NS	232821	1
40	240	2-3	52-1/16	51	TMS-06-040P-E1	NS	232514	1	TMS-06-040P-E2	NS	232670	1-1/2	TMS-06-040P-E4	NS	232830	1
40	480	2-3	52-1/16	51	TMS-06-040P-E1	NS	232522	1	TMS-06-040P-E2	NS	232688	1-1/2	TMS-06-040P-E4	NS	232848	1
50	240	2-3	65-1/16	64	TMS-06-050P-E1	NS	232530	1	TMS-06-050P-E2	NS	232696	1-1/2	TMS-06-050P-E4	NS	232856	1
50	480	2-3	65-1/16	64	TMS-06-050P-E1	NS	232549	1	TMS-06-050P-E2	NS	232709	1-1/2	TMS-06-050P-E4	NS	232864	1
60	240	2-3	78-1/16	77	TMS-06-060P-E1	NS	232557	1	TMS-06-060P-E2	NS	232717	1-1/2	TMS-06-060P-E4	NS	232872	1
60	480	2-3	78-1/16	77	TMS-06-060P-E1	NS	232565	1	TMS-06-060P-E2	NS	232725	1-1/2	TMS-06-060P-E4	NS	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-12-036P-E1	NS	232899	1	TMS-12-036P-E2	NS	232979	1-1/2	TMS-12-036P-E4	NS	233056	1-1/2
36	480	2-3	25-1/8	67	TMS-12-036P-E1	NS	232901	1	TMS-12-036P-E2	NS	232987	1-1/2	TMS-12-036P-E4	NS	233066	1-1/2
48	240	2-3	33	76	TMS-12-048P-E1	NS	232910	1-1/4	TMS-12-048P-E2	NS	232995	1-1/2	TMS-12-048P-E4	NS	233074	1-1/2
48	480	2-3	33	76	TMS-12-048P-E1	NS	232928	1	TMS-12-048P-E2	NS	233007	1-1/2	TMS-12-048P-E4	NS	233082	1-1/2
60	240	2-3	40-1/2	84	TMS-12-060P-E1	NS	232936	1-1/4	TMS-12-060P-E2	NS	233015	1-1/2	TMS-12-060P-E4	NS	233090	1-1/2
60	480	2-3	40-1/2	84	TMS-12-060P-E1	NS	232944	1	TMS-12-060P-E2	NS	233023	1-1/2	TMS-12-060P-E4	NS	233103	1-1/2
72	240	2-3	48	111	TMS-12-072P-E1	NS	232952	1-1/4	TMS-12-072P-E2	NS	233031	1-1/2	TMS-12-072P-E4	NS	233111	1-1/2
72	480	2-3	48	111	TMS-12-072P-E1	NS	232960	1	TMS-12-072P-E2	NS	233040	1-1/2	TMS-12-072P-E4	NS	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-18-050P-E1	NS	233138	1	TMS-18-050P-E2	NS	233277	3/4	TMS-18-050P-E4	NS	233410	1-1/2
50	480	3-3	27-7/8	107	TMS-18-050P-E1	NS	233146	1	TMS-18-050P-E2	NS	233205	3/4	TMS-18-050P-E4	NS	233429	1-1/2
75	240	3-3	36-7/8	121	TMS-18-075P-E1	NS	233154	1	TMS-18-075P-E2	NS	233293	3/4	TMS-18-075P-E4	NS	233437	1-1/2
75	480	3-3	36-7/8	121	TMS-18-075P-E1	NS	233162	1	TMS-18-075P-E2	NS	233306	3/4	TMS-18-075P-E4	NS	233445	1-1/2
100	240	3-3	43-11/16	126	TMS-18-100P-E1	NS	233170	1-1/4	TMS-18-100P-E2	NS	233314	3/4	TMS-18-100P-E4	NS	233453	1-1/2
100	480	3-3	43-11/16	126	TMS-18-100P-E1	NS	233189	1	TMS-18-100P-E2	NS	233322	3/4	TMS-18-100P-E4	NS	233461	1-1/2
120	240	3-3	51-7/8	128	TMS-18-120P-E1	NS	233197	1-1/2	TMS-18-120P-E2	NS	233330	3/4	TMS-18-120P-E4	NS	233470	1-1/2
120	480	3-3	51-7/8	128	TMS-18-120P-E1	NS	233200	1	TMS-18-120P-E2	NS	233349	3/4	TMS-18-120P-E4	NS	233488	1-1/2
150	240	3-3	61-3/8	134	TMS-18-150P-E1	NS	233218	2	TMS-18-150P-E2	NS	233357	3/4	TMS-18-150P-E4	NS	233496	1-1/2
150	480	3-3	61-3/8	134	TMS-18-150P-E1	NS	233226	1-1/4	TMS-18-150P-E2	NS	233365	3/4	TMS-18-150P-E4	NS	233509	1-1/2
175	240	3-3	69-7/8	140	TMS-18-175P-E1	NS	233234	2	TMS-18-175P-E2	NS	233373	1-1/4	TMS-18-175P-E4	NS	233517	1-1/2
175	480	3-3	69-7/8	140	TMS-18-175P-E1	NS	233242	1-1/4	TMS-18-175P-E2	NS	233381	3/4	TMS-18-175P-E4	NS	233525	1-1/2
200	240	3-3	78-7/8	145	TMS-18-200P-E1	NS	233250	2-1/2	TMS-18-200P-E2	NS	233390	1-1/4	TMS-18-200P-E4	NS	233533	1-1/2
200	480	3-3	78-7/8	145	TMS-18-200P-E1	NS	233269	1-1/4	TMS-18-200P-E2	NS	233402	3/4	TMS-18-200P-E4	NS	233451	1-1/2

Stock Status: S = stock NS = non-stock
To Order—Specify model, PCN, kW, volts, phase and quantity.

*** 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 E4 enclosure add 7 lbs. to Wt. of E1 enclosure heater.
- C. For Wt. of 8" flange with E4 enclosure add 10 lbs. to Wt. of E1 enclosure heater.