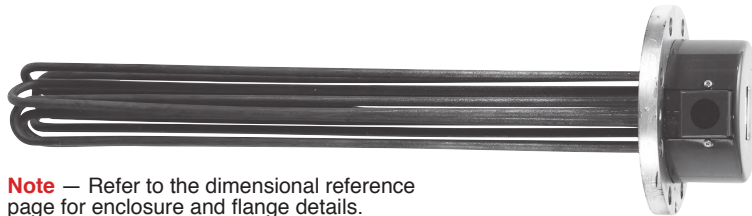


TMS

Mildly Corrosive Solution Applications

- 3 - 8" 150 Lb. Carbon Steel Flange
- Stainless Steel Sheath Elements
- Stainless Steel Thermowell
- 23 W/In²
- 3 - 50 kW
- 240 and 480 Volt, 1 & 3 Phase
- General Purpose, Moisture Resistant or Moisture Resistant/Explosion Resistant Terminal Enclosures

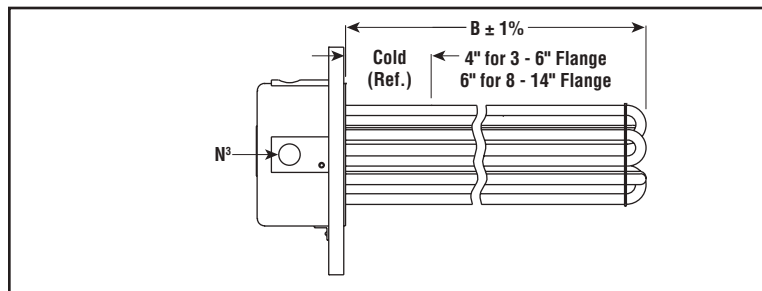


Note — Refer to the dimensional reference page for enclosure and flange details.



FLANGED

Dimensions (Inches)



Specifications and Ordering Information

					E1 General Purpose				E2 Moisture Resistant/Explosion Resistant			
kW	Volts	CKT & Phase	DIM B (In.)	Wt. * (Lbs.)	Model	Stock	PCN	DIM N (In.)	Model	Stock	PCN	DIM N (In.)
3 Inch - 150 Lb. Steel Flange — 3 Stainless Steel Sheath Elements — 23 W/In²												
3	240	1-1	18-1/16	16	TMS-03-003P-E1	NS	231095	1	TMS-03-003P-E2	NS	030015	3/4
3	240	1-3	18-1/16	16	TMS-03-003P-E1	NS	231108	1	TMS-03-003P-E2	NS	030023	3/4
3	480	1-1	18-1/16	16	TMS-03-003P-E1	NS	231116	1	TMS-03-003P-E2	NS	030031	3/4
3	480	1-3	18-1/16	16	TMS-03-003P-E1	NS	231124	1	TMS-03-003P-E2	NS	030040	3/4
4.5	240	1-1	25-3/16	17	TMS-03-004P5-E1	NS	231132	1	TMS-03-004P5-E2	NS	030058	3/4
4.5	240	1-3	25-3/16	17	TMS-03-004P5-E1	NS	231140	1	TMS-03-004P5-E2	NS	030066	3/4
4.5	480	1-1	25-3/16	17	TMS-03-004P5-E1	NS	231159	1	TMS-03-004P5-E2	NS	030074	3/4
4.5	480	1-3	25-3/16	17	TMS-03-004P5-E1	NS	231167	1	TMS-03-004P5-E2	NS	030082	3/4
6	240	1-1	33-1/16	18	TMS-03-006P-E1	NS	231175	1	TMS-03-006P-E2	NS	030090	3/4
6	240	1-3	33-1/16	18	TMS-03-006P-E1	NS	231183	1	TMS-03-006P-E2	NS	030103	3/4
6	480	1-1	33-1/16	18	TMS-03-006P-E1	NS	231191	1	TMS-03-006P-E2	NS	030111	3/4
6	480	1-3	33-1/16	18	TMS-03-006P-E1	NS	231204	1	TMS-03-006P-E2	NS	030120	3/4
7.5	240	1-3	40-9/16	19	TMS-03-007P5-E1	NS	231212	1	TMS-03-007P5-E2	NS	030138	3/4
7.5	480	1-3	40-9/16	19	TMS-03-007P5-E1	NS	231220	1	TMS-03-007P5-E2	NS	030146	3/4
9	480	1-1	48-1/16	21	TMS-03-009P-E1	NS	231239	1	TMS-03-009P-E2	NS	030154	3/4
9	480	1-3	48-1/16	21	TMS-03-009P-E1	NS	231247	1	TMS-03-009P-E2	NS	030162	3/4
9	240	1-3	48-1/16	21	TMS-03-009P-E1	NS	231255	1	TMS-03-009P-E2	NS	030170	3/4



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Mildly Corrosive

Solution 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 — 23 W/in²																
9	240	1-3	25-3/16	32	TMS-06-009P-E1	NS	231263	1	TMS-06-009P-E2	NS	030189	1-1/2	TMS-06-009P-E4	NS	030306	1
9	480	1-3	25-3/16	32	TMS-06-009P-E1	NS	231271	1	TMS-06-009P-E2	NS	030197	1-1/2	TMS-06-009P-E4	NS	030314	1
12	240	1-3	33-1/16	33	TMS-06-012P-E1	NS	231280	1	TMS-06-012P-E2	NS	030200	1-1/2	TMS-06-012P-E4	NS	030322	1
12	480	1-3	33-1/16	33	TMS-06-012P-E1	NS	231298	1	TMS-06-012P-E2	NS	030218	1-1/2	TMS-06-012P-E4	NS	030330	1
15	240	1-3	40-9/16	35	TMS-06-015P-E1	NS	231300	1	TMS-06-015P-E2	NS	030226	1-1/2	TMS-06-015P-E4	NS	030349	1
15	480	1-3	40-9/16	35	TMS-06-015P-E1	NS	231319	1	TMS-06-015P-E2	NS	030234	1-1/2	TMS-06-015P-E4	NS	030357	1
20	240	1-3	52-1/16	38	TMS-06-020P-E1	NS	231327	1	TMS-06-020P-E2	NS	030242	1-1/2	TMS-06-020P-E4	NS	030365	1
20	480	1-3	52-1/16	38	TMS-06-020P-E1	NS	231335	1	TMS-06-020P-E2	NS	030250	1-1/2	TMS-06-020P-E4	NS	030373	1
25	240	2-3	65-1/16	42	TMS-06-025P-E1	NS	231343	1	TMS-06-025P-E2	NS	030269	1-1/2	TMS-06-025P-E4	NS	030381	1
25	480	1-3	65-1/16	42	TMS-06-025P-E1	NS	231351	1	TMS-06-025P-E2	NS	030277	1-1/2	TMS-06-025P-E4	NS	030390	1
30	240	2-3	78-1/16	46	TMS-06-030P-E1	NS	231360	1	TMS-06-030P-E2	NS	030285	1-1/2	TMS-06-030P-E4	NS	030402	1
30	480	1-3	78-1/16	46	TMS-06-030P-E1	NS	231378	1	TMS-06-030P-E2	NS	030293	1-1/2	TMS-06-030P-E4	NS	030410	1
6 Inch - 150 Lb. Steel Flange — 12 Stainless Steel Sheath Elements — 23 W/in²																
18	240	1-3	25-1/8	67	TMS-12-018P-E1	NS	231386	1	TMS-12-018P-E2	NS	030429	1-1/2	TMS-12-018P-E4	NS	030509	1-1/2
18	480	1-3	25-1/8	67	TMS-12-018P-E1	NS	231394	1	TMS-12-018P-E2	NS	030437	1-1/2	TMS-12-018P-E4	NS	030517	1-1/2
24	240	2-3	33	76	TMS-12-024P-E1	NS	231407	1	TMS-12-024P-E2	NS	030445	1-1/2	TMS-12-024P-E4	NS	030525	1-1/2
24	480	1-3	33	76	TMS-12-024P-E1	NS	231415	1	TMS-12-024P-E2	NS	030453	1-1/2	TMS-12-024P-E4	NS	030533	1-1/2
30	240	2-3	40-1/2	84	TMS-12-030P-E1	NS	231423	1	TMS-12-030P-E2	NS	030461	1-1/2	TMS-12-030P-E4	NS	030541	1-1/2
30	480	1-3	40-1/2	84	TMS-12-030P-E1	NS	231431	1	TMS-12-030P-E2	NS	030470	1-1/2	TMS-12-030P-E4	NS	030550	1-1/2
36	240	2-3	48	111	TMS-12-036P-E1	NS	231440	1	TMS-12-036P-E2	NS	030488	1-1/2	TMS-12-036P-E4	NS	030568	1-1/2
36	480	1-3	48	111	TMS-12-036P-E1	NS	231458	1	TMS-12-036P-E2	NS	030496	1-1/2	TMS-12-036P-E4	NS	030576	1-1/2
8 Inch - 150 Lb. Steel Flange — 18 Stainless Steel Sheath Elements — 23 W/in²																
30	240	3-3	32-7/8	112	TMS-18-030P-E1	NS	231466	1	TMS-18-030P-E2	NS	030584	3/4	TMS-18-030P-E4	NS	030648	1-1/2
30	480	3-3	32-7/8	112	TMS-18-030P-E1	NS	231474	1	TMS-18-030P-E2	NS	030592	3/4	TMS-18-030P-E4	NS	030656	1-1/2
40	240	3-3	43-11/16	125	TMS-18-040P-E1	NS	231482	1	TMS-18-040P-E2	NS	030605	3/4	TMS-18-040P-E4	NS	030664	1-1/2
40	480	3-3	43-11/16	125	TMS-18-040P-E1	NS	231490	1	TMS-18-040P-E2	NS	030613	3/4	TMS-18-040P-E4	NS	030672	1-1/2
50	240	3-3	51-7/8	130	TMS-18-050P-E1	NS	231503	1	TMS-18-050P-E2	NS	030621	3/4	TMS-18-050P-E4	NS	030680	1-1/2
50	480	3-3	51-7/8	130	TMS-18-050P-E1	NS	231511	1	TMS-18-050P-E2	NS	030630	3/4	TMS-18-050P-E4	NS	030699	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.



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