

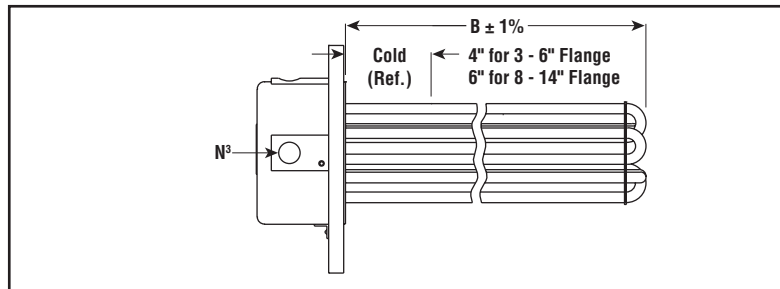
## TM Clean Water Applications

- 3 - 14" 150 Lb. Carbon Steel Flange
- Copper Sheath Elements
- Copper Thermowell
- 45 W/in<sup>2</sup>
- 6 - 350 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)



FLANGED

### Specifications and Ordering Information

					E1 General Purpose				E2 Moisture Resistant/Explosion Resistant							
kW	Volts	CKT & PhNSe	DIM B (In.)	Wt* (lbs)	Model	Stock	PCN	DIM. N (In.)	Model	Stock	PCN	DIM. N (In.)				
<b>3 Inch - 150 Lb. Steel Flange — 3 Copper Sheath Elements — 45 W/in<sup>2</sup></b>																
6	240	1-1	18-1/16	16	TM-03-006P-E1	NS	196066	1	TM-03-006P-E2	NS	180005	3/4				
6	240	1-3	18-1/16	16	<b>TM-03-006P-E1</b>	<b>S</b>	<b>196074</b>	1	TM-03-006P-E2	NS	180013	3/4				
6	480	1-1	18-1/16	16	TM-03-006P-E1	NS	196082	1	TM-03-006P-E2	NS	180021	3/4				
6	480	1-3	18-1/16	16	<b>TM-03-006P-E1</b>	<b>S</b>	<b>196090</b>	1	TM-03-006P-E2	NS	180030	3/4				
9	240	1-1	25-3/16	17	TM-03-009P-E1	NS	196103	1	TM-03-009P-E2	NS	180048	3/4				
9	240	1-3	25-3/16	17	<b>TM-03-009P-E1</b>	<b>S</b>	<b>196111</b>	1	TM-03-009P-E2	NS	180056	3/4				
9	480	1-1	25-3/16	17	TM-03-009P-E1	NS	196120	1	TM-03-009P-E2	NS	180064	3/4				
9	480	1-3	25-3/16	17	TM-03-009P-E1	S	196138	1	TM-03-009P-E2	NS	180072	3/4				
12	240	1-1	33-1/16	18	TM-03-012P-E1	NS	196146	1-1/4	TM-03-012P-E2	NS	180080	1				
12	240	1-3	33-1/16	18	<b>TM-03-012P-E1</b>	<b>S</b>	<b>196154</b>	1	TM-03-012P-E2	NS	180099	3/4				
12	480	1-1	33-1/16	18	TM-03-012P-E1	NS	196162	1	TM-03-012P-E2	NS	180101	3/4				
12	480	1-3	33-1/16	18	<b>TM-03-012P-E1</b>	<b>S</b>	<b>196170</b>	1	TM-03-012P-E2	NS	180110	3/4				
15	240	1-1	40-9/16	20	TM-03-015P-E1	NS	196189	1-1/4	TM-03-015P-E2	NS	180128	1				
15	240	1-3	40-9/16	20	TM-03-015P-E1	NS	196197	1	TM-03-015P-E2	NS	180136	3/4				
15	480	1-1	40-9/16	20	TM-03-015P-E1	NS	196200	1	TM-03-015P-E2	NS	180144	3/4				
15	480	1-3	40-9/16	20	<b>TM-03-015P-E1</b>	<b>S</b>	<b>196218</b>	1	TM-03-015P-E2	NS	180152	3/4				
18	240	1-1	48-1/16	21	TM-03-018P-E1	NS	196226	1-1/4	TM-03-018P-E2	NS	180160	1-1/4				
18	240	1-3	48-1/16	21	TM-03-018P-E1	NS	196234	1	TM-03-018P-E2	NS	180179	3/4				
18	480	1-1	48-1/16	21	TM-03-018P-E1	NS	196242	1	TM-03-018P-E2	NS	180187	3/4				
18	480	1-3	48-1/16	21	<b>TM-03-018P-E1</b>	<b>S</b>	<b>196250</b>	1	TM-03-018P-E2	NS	180195	3/4				
					E1 General Purpose				E2 Moisture Resistant/Explosion Resistant				E4 Moisture Resistant			
kW	Volts	CKT & PhNSe	DIM B (In.)	Wt* (lbs)	Model	Stock	PCN	DIM. N (In.)	Model	Stock	PCN	DIM. N (In.)	Model	Stock	PCN	DIM. N (In.)
<b>5 Inch - 150 Lb. Steel Flange — 6 Copper Sheath Elements — 45 W/in<sup>2</sup></b>																
12	240	1-3	18-1/16	30	TM-06-012P-E1	NS	196470	1	TM-06-012P-E2	NS	181147	1-1/2	TM-06-012P-E4	NS	181155	1
12	480	1-3	18-1/16	30	TM-06-012P-E1	NS	196496	1	TM-06-012P-E2	NS	181163	1-1/2	TM-06-012P-E4	NS	181171	1
15	240	1-3	19-3/16	31	TM-06-015P-E1	NS	196517	1	TM-06-015P-E2	NS	181180	1-1/2	TM-06-015P-E4	NS	181198	1
15	480	1-3	19-3/16	31	<b>TM-06-015P-E1</b>	<b>S</b>	<b>196533</b>	1	TM-06-015P-E2	NS	181200	1-1/2	TM-06-015P-E4	NS	181219	1
18	240	1-3	25-3/16	33	TM-06-018P-E1	NS	196550	1	TM-06-018P-E2	NS	181227	1-1/2	TM-06-018P-E4	NS	181235	1
18	480	1-3	25-3/16	33	<b>TM-06-018P-E1</b>	<b>S</b>	<b>196576</b>	1	TM-06-018P-E2	NS	181243	1-1/2	TM-06-018P-E4	NS	181251	1
24	240	2-3	33-1/16	37	TM-06-024P-E1	NS	196592	1	TM-06-024P-E2	NS	181260	1-1/2	TM-06-024P-E4	NS	181278	1
24	480	1-3	33-1/16	37	<b>TM-06-024P-E1</b>	<b>S</b>	<b>196613</b>	1	TM-06-024P-E2	NS	181286	1-1/2	TM-06-024P-E4	NS	181294	1
30	240	2-3	40-9/16	40	<b>TM-06-030P-E1</b>	<b>S</b>	<b>196630</b>	1	TM-06-030P-E3	NS	181307	1-1/2	TM-06-030P-E4	NS	181315	1
30	480	1-3	40-9/16	40	<b>TM-06-030P-E1</b>	<b>S</b>	<b>196656</b>	1	TM-06-030P-E3	NS	181323	1-1/2	TM-06-030P-E4	NS	181331	1

## TM Clean Water Applications (cont'd.)

					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.)
<b>5 Inch - 150 Lb. Steel Flange — 6 Copper Sheath Elements — 45 W/in<sup>2</sup></b>																
40	240	2-3	52-1/16	51	TM-06-040P-E1	NS	196672	1	TM-06-040P-E2	NS	181340	1-1/2	TM-06-040P-E4	NS	181358	1
40	480	2-3	52-1/16	51	<b>TM-06-040P-E1</b>	<b>S</b>	<b>196699</b>	1	TM-06-040P-E2	NS	181366	1-1/2	TM-06-040P-E4	NS	181374	1
50	480	2-3	65-1/16	64	TM-06-050P-E1	NS	181382	1	TM-06-050P-E2	NS	181390	1-1/2	TM-06-050P-E4	NS	181403	1
60	480	2-3	78-1/16	77	TM-06-060P-E1	NS	181411	1	TM-06-060P-E2	NS	181420	1-1/2	TM-06-060P-E4	NS	181438	1
<b>6 Inch - 150 Lb. Steel Flange — 12 Copper Sheath Elements — 45 W/in<sup>2</sup></b>																
36	240	2-3	25-1/8	67	TM-12-036P-E1	NS	257990	1	TM-12-036P-E2	NS	290159	1-1/2	TM-12-036P-E4	NS	290167	1-1/2
36	480	2-3	25-1/8	67	TM-12-036P-E1	NS	258010	1	TM-12-036P-E2	NS	290175	1-1/2	TM-12-036P-E4	NS	290183	1-1/2
48	240	2-3	33	76	TM-12-048P-E1	NS	258028	1-1/4	TM-12-048P-E2	NS	290191	1-1/2	TM-12-048P-E4	NS	290204	1-1/2
48	480	2-3	33	76	TM-12-048P-E1	NS	258044	1	TM-12-048P-E2	NS	290212	1-1/2	TM-12-048P-E4	NS	290220	1-1/2
60	240	2-3	40-1/2	84	TM-12-060P-E1	NS	258052	1-1/4	TM-12-060P-E2	NS	290239	1-1/2	TM-12-060P-E4	NS	290247	1-1/2
60	480	2-3	40-1/2	84	TM-12-060P-E1	NS	258079	1	TM-12-060P-E2	NS	290255	1-1/2	TM-12-060P-E4	NS	290263	1-1/2
72	240	2-3	48	111	TM-12-027P-E1	NS	258087	1-1/4	TM-12-027P-E2	NS	290271	1-1/2	TM-12-027P-E4	NS	290280	1-1/2
72	480	2-3	48	111	TM-12-027P-E1	NS	258108	1	TM-12-027P-E2	NS	290298	1-1/2	TM-12-027P-E4	NS	290300	1-1/2
<b>8 Inch - 150 Lb. Steel Flange — 18 Copper Sheath Elements — 45 W/in<sup>2</sup></b>																
50	240	3-3	27-5/8	107	TM-18-050P-E1	NS	258116	1	TM-18-050P-E2	NS	290319	3/4	TM-18-050P-E4	NS	290327	1-1/2
50	480	3-3	27-5/8	107	TM-18-050P-E1	NS	258132	1	TM-18-050P-E2	NS	290335	3/4	TM-18-050P-E4	NS	290343	1-1/2
75	240	3-3	36-7/8	121	TM-18-050P-E1	NS	258140	1	TM-18-050P-E2	NS	290351	3/4	TM-18-050P-E4	NS	290360	1-1/2
75	480	3-3	36-7/8	121	TM-18-050P-E1	NS	258167	1	TM-18-050P-E2	NS	290378	3/4	TM-18-050P-E4	NS	290387	1-1/2
100	240	3-3	43-11/16	126	TM-18-100P-E1	NS	258175	1-1/4	TM-18-100P-E2	NS	290394	3/4	TM-18-100P-E4	NS	290407	1-1/2
100	480	3-3	43-11/16	126	TM-18-100P-E1	NS	258191	1	TM-18-100P-E2	NS	290415	3/4	TM-18-100P-E4	NS	290423	1-1/2
120	240	3-3	51-7/8	128	TM-18-120P-E1	NS	258204	1-1/2	TM-18-120P-E2	NS	290431	3/4	TM-18-120P-E4	NS	290440	1-1/2
120	480	3-3	51-7/8	128	TM-18-120P-E1	NS	258220	1	TM-18-120P-E2	NS	290458	3/4	TM-18-120P-E4	NS	290466	1-1/2
150	240	3-3	61-3/8	134	TM-18-150P-E1	NS	290474	2	TM-18-150P-E2	NS	290482	3/4	TM-18-150P-E4	NS	290490	1-1/2
150	480	3-3	61-3/8	134	TM-18-150P-E1	NS	290503	1-1/4	TM-18-150P-E2	NS	290511	3/4	TM-18-150P-E4	NS	290520	1-1/2
175	240	3-3	69-7/8	140	TM-18-175P-E1	NS	290538	2	TM-18-175P-E2	NS	290546	1-1/4	TM-18-175P-E4	NS	290554	1-1/2
175	480	3-3	69-7/8	140	TM-18-175P-E1	NS	290562	1-1/4	TM-18-175P-E2	NS	290570	3/4	TM-18-175P-E4	NS	290589	1-1/2
200	240	3-3	78-7/8	145	TM-18-200P-E1	NS	290597	2-1/2	TM-18-200P-E2	NS	290600	1-1/4	TM-18-200P-E4	NS	290618	1-1/2
200	480	3-3	78-7/8	145	TM-18-200P-E1	NS	290626	1-1/4	TM-18-200P-E2	NS	290634	3/4	TM-18-200P-E4	NS	290642	1-1/2
<b>10 Inch - 150 Lb. Steel Flange — 27 Copper Sheath Elements — 45 W/in<sup>2</sup></b>																
75	480	3-3	27	125	TM-27-075P-E1	NS	096540	1-1/4	TM-27-075P-E2	NS	096612	1-1/4	TM-27-075P-E4	NS	096680	1-1/4
100	480	3-3	34	135	TM-27-100P-E1	NS	096559	1-1/4	TM-27-100P-E2	NS	096620	1-1/4	TM-27-100P-E4	NS	096698	1-1/4
125	480	3-3	40-1/2	160	TM-27-125P-E1	NS	096567	1-1/4	TM-27-125P-E2	NS	096639	1-1/4	TM-27-125P-E4	NS	096700	1-1/4
150	480	3-3	47	175	TM-27-150P-E1	NS	096575	1-1/4	TM-27-150P-E2	NS	096647	1-1/4	TM-27-150P-E4	NS	096719	1-1/4
175	480	3-3	54	200	TM-27-175P-E1	NS	096583	1-1/4	TM-27-175P-E2	NS	096655	1-1/4	TM-27-175P-E4	NS	096727	1-1/4
200	480	3-3	61	215	TM-27-200P-E1	NS	096591	1-1/4	TM-27-200P-E2	NS	096663	1-1/4	TM-27-200P-E4	NS	096735	1-1/4
225	480	3-3	68	230	TM-27-225P-E1	NS	096604	1-1/4	TM-27-225P-E2	NS	096671	1-1/4	TM-27-225P-E4	NS	096743	1-1/4
<b>12 Inch - 150 Lb. Steel Flange — 36 Copper Sheath Elements — 45 W/in<sup>2</sup></b>																
85	480	3-3	24	160	TM-36-085P-E1	NS	096751	1-1/4	TM-36-085P-E2	NS	096831	1-1/4	TM-36-085P-E4	NS	096911	1-1/2
100	480	3-3	27	165	TM-36-100P-E1	NS	096760	1-1/4	TM-36-100P-E2	NS	096840	1-1/4	TM-36-100P-E4	NS	096920	1-1/2
125	480	3-3	32	175	TM-36-125P-E1	NS	096778	1-1/4	TM-36-125P-E2	NS	096858	1-1/4	TM-36-125P-E4	NS	096938	1-1/2
150	480	3-3	37	185	TM-36-150P-E1	NS	096786	1-1/4	TM-36-150P-E2	NS	096866	1-1/4	TM-36-150P-E4	NS	096946	1-1/2
175	480	3-3	42	210	TM-36-175P-E1	NS	096794	1-1/4	TM-36-175P-E2	NS	096874	1-1/4	TM-36-175P-E4	NS	096954	1-1/2
200	480	3-3	48	240	TM-36-200P-E1	NS	096807	1-1/4	TM-36-200P-E2	NS	096882	1-1/4	TM-36-200P-E4	NS	096962	1-1/2
225	480	3-3	53	270	TM-36-225P-E1	NS	096815	1-1/4	TM-36-225P-E2	NS	096890	1-1/4	TM-36-225P-E4	NS	096970	1-1/2
250	480	3-3	58	290	TM-36-250P-E1	NS	096823	1-1/2	TM-36-250P-E2	NS	096903	1-1/4	TM-36-250P-E4	NS	096989	1-1/2
<b>14 Inch - 150 Lb. Steel Flange — 45 Copper Sheath Elements — 45 W/in<sup>2</sup></b>																
100	480	3-3	20	165	TM-45-100P-E1	NS	096997	1-1/4	TM-45-100P-E2	NS	097105	1-1/4	TM-45-100P-E4	NS	097199	1-1/2
125	480	3-3	24	175	TM-45-125P-E1	NS	097009	1-1/4	TM-45-125P-E2	NS	097113	1-1/4	TM-45-125P-E4	NS	097201	1-1/2
150	480	3-3	27	185	TM-45-150P-E1	NS	097033	1-1/4	TM-45-150P-E2	NS	097121	1-1/4	TM-45-150P-E4	NS	097210	1-1/2
175	480	3-3	31	195	TM-45-175P-E1	NS	097041	1-1/4	TM-45-175P-E2	NS	097130	1-1/4	TM-45-175P-E4	NS	097228	1-1/2
200	480	3-3	34-1/2	205	TM-45-200P-E1	NS	097050	1-1/4	TM-45-200P-E2	NS	097148	1-1/4	TM-45-200P-E4	NS	097236	1-1/2
225	480	3-3	38	215	TM-45-225P-E1	NS	097068	1-1/4	TM-45-225P-E2	NS	097156	1-1/4	TM-45-225P-E4	NS	097244	1-1/2
250	480	3-3	42	230	TM-45-250P-E1	NS	097076	1-1/2	TM-45-250P-E2	NS	097164	1-1/4	TM-45-250P-E4	NS	097252	1-1/2
300	480	3-3	48	240	TM-45-300P-E1	NS	097084	2	TM-45-300P-E2	NS	097172	1-1/2	TM-45-300P-E4	NS	097260	1-1/2
350	480	3-3	56	270	TM-45-350P-E1	NS	097092	2	TM-45-350P-E2	NS	097180	1-1/2	TM-45-350P-E4	NS	097279	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, 10, 12 and 14" flange with E4 enclosure add 10 lbs. to Wt. of E1 enclosure heater.