TM

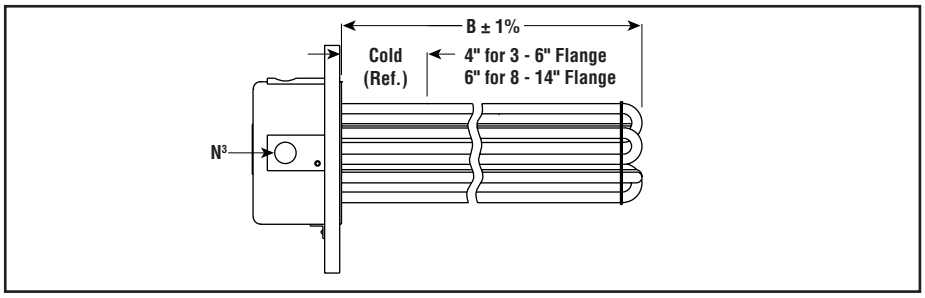
Clean Water Applications

- 3 - 14" 150 Lb. Carbon Steel Flange
- Copper Sheath Elements
- Copper Thermowell
- 45 W/In²
- 6 - 350 kW
- 240 and 480 Volt, 1 & 3 Phase
- General Purpose, Moisture Resistand ot Moisture Resistant/ Explosion Resistant Terminal Enclosures

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

NRTL /C

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[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 Copper Sheath Elements — 45 W/In²												
6	240	1-1	18-1/16	16	TM-3065	AS	196066	1	TM-3065E2	AS	180005	3/4
6	240	1-3	18-1/16	16	**TM-3065**	**S**	**196074**	1	TM-3065E2	AS	180013	3/4
6	480	1-1	18-1/16	16	TM-3065	AS	196082	1	TM-3065E2	AS	180021	3/4
6	480	1-3	18-1/16	16	**TM-3065**	**S**	**196090**	1	TM-3065E2	AS	180030	3/4
9	240	1-1	25-3/16	17	TM-3095	AS	196103	1	TM-3095E2	AS	180048	3/4
9	240	1-3	25-3/16	17	**TM-3095**	**S**	**196111**	1	TM-3095E2	AS	180056	3/4
9	480	1-1	25-3/16	17	TM-3095	AS	196120	1	TM-3095E2	AS	180064	3/4
9	480	1-3	25-3/16	17	TM-3095	S	196138	1	TM-3095E2	AS	180072	3/4
12	240	1-1	33-1/16	18	TM-3125[5]	AS	196146	1-1/4	TM-3125E2[5]	AS	180080	1
12	240	1-3	33-1/16	18	**TM-3125**	**S**	**196154**	1	TM-3125E2	AS	180099	3/4
12	480	1-1	33-1/16	18	TM-3125	AS	196162	1	TM-3125E2	AS	180101	3/4
12	480	1-3	33-1/16	18	**TM-3125**	**S**	**196170**	1	TM-3125E2	AS	180110	3/4
15	240	1-1	40-9/16	20	TM-3155[5]	AS	196189	1-1/4	TM-3155E2[5]	AS	180128	1
15	240	1-3	40-9/16	20	TM-3155	AS	196197	1	TM-3155E2	AS	180136	3/4
15	480	1-1	40-9/16	20	TM-3155	AS	196200	1	TM-3155E2	AS	180144	3/4
15	480	1-3	40-9/16	20	**TM-3155**	**S**	**196218**	1	TM-3155E2	AS	180152	3/4
18	240	1-1	48-1/16	21	TM-3185[5]	AS	196226	1-1/4	TM-3185E2[5]	AS	180160	1-1/4
18	240	1-3	48-1/16	21	TM-3185	AS	196234	1	TM-3185E2	AS	180179	3/4
18	480	1-1	48-1/16	21	TM-3185	AS	196242	1	TM-3185E2	AS	180187	3/4
18	480	1-3	48-1/16	21	**TM-3185**	**S**	**196250**	1	TM-3185E2	AS	180195	3/4

					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 Copper Sheath Elements — 45 W/In²																
12	240	1-3	18-1/16	30	TM-6125	AS	196470	1	TM-6125E3	AS	181147	1-1/2	TM-6125E4	AS	181155	1
12	480	1-3	18-1/16	30	TM-6125	AS	196496	1	TM-6125E3	AS	181163	1-1/2	TM-6125E4	AS	181171	1
15	240	1-3	19-3/16	31	TM-6155	AS	196517	1	TM-6155E3	AS	181180	1-1/2	TM-6155E4	AS	181198	1
15	480	1-3	19-3/16	31	**TM-6155**	**S**	**196533**	1	TM-6155E3	AS	181200	1-1/2	TM-6155E4	AS	181219	1
18	240	1-3	25-3/16	33	TM-6185	AS	196550	1	TM-6185E3	AS	181227	1-1/2	TM-6185E4	AS	181235	1
18	480	1-3	25-3/16	33	**TM-6185**	**S**	**196576**	1	TM-6185E3	AS	181243	1-1/2	TM-6185E4	AS	181251	1
24	240	2-3	33-1/16	37	TM-6245	AS	196592	1	TM-6245E3	AS	181260	1-1/2	TM-6245E4	AS	181278	1
24	480	1-3	33-1/16	37	**TM-6245**	**S**	**196613**	1	TM-6245E3	AS	181286	1-1/2	TM-6245E4	AS	181294	1
30	240	2-3	40-9/16	40	**TM-6305**	**S**	**196630**	1	TM-6305E3	AS	181307	1-1/2	TM-6305E4	AS	181315	1
30	480	1-3	40-9/16	40	**TM-6305**	**S**	**196656**	1	TM-6305E3	AS	181323	1-1/2	TM-6305E4	AS	181331	1

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

					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 Copper Sheath Elements — 45 W/In²																
40	240	2-3	52-1/16	51	TM-6405	AS	196672	1	TM-6405E3	AS	181340	1-1/2	TM-6405E4	AS	181358	1
40	480	2-3	52-1/16	51	**TM-6405**	**S**	**196699**	1	TM-6405E3	AS	181366	1-1/2	TM-6405E4	AS	181374	1
50	480	2-3	65-1/16	64	TM-6505	AS	181382	1	TM-6505E3	AS	181390	1-1/2	TM-6505E4	AS	181403	1
60	480	2-3	78-1/16	77	TM-6605	AS	181411	1	TM-6605E3	AS	181420	1-1/2	TM-6605E4	AS	181438	1
6 Inch - 150 Lb. Steel Flange — 12 Copper Sheath Elements — 45 W/In²																
36	240	2-3	25-1/8	67	TM-1236	AS	257990	1	TM-1236E3	AS	290159	1-1/2	TM-1236E4	AS	290167	1-1/2
36	480	2-3	25-1/8	67	TM-1236	AS	258010	1	TM-1236E3	AS	290175	1-1/2	TM-1236E4	AS	290183	1-1/2
48	240	2-3	33	76	TM-1248[5]	AS	258028	1-1/4	TM-1248E3[5]	AS	290191	1-1/2	TM-1248E4[5]	AS	290204	1-1/2
48	480	2-3	33	76	TM-1248	AS	258044	1	TM-1248E3	AS	290212	1-1/2	TM-1248E4	AS	290220	1-1/2
60	240	2-3	40-1/2	84	TM-1260[5]	AS	258052	1-1/4	TM-1260E3[5]	AS	290239	1-1/2	TM-1260E4[5]	AS	290247	1-1/2
60	480	2-3	40-1/2	84	TM-1260	AS	258079	1	TM-1260E3	AS	290255	1-1/2	TM-1260E4	AS	290263	1-1/2
72	240	2-3	48	111	TM-1272[5]	AS	258087	1-1/4	TM-1272E3[5]	AS	290271	1-1/2	TM-1272E4[5]	AS	290280	1-1/2
72	480	2-3	48	111	TM-1272	AS	258108	1	TM-1272E3	AS	290298	1-1/2	TM-1272E4	AS	290300	1-1/2
8 Inch - 150 Lb. Steel Flange — 18 Copper Sheath Elements — 45 W/In²																
50	240	3-3	27-5/8	107	TM-18501	AS	258116	1	TM-18501E3	AS	290319	3/4	TM-18501E4	AS	290327	1-1/2
50	480	3-3	27-5/8	107	TM-18501	AS	258132	1	TM-18501E3	AS	290335	3/4	TM-18501E4	AS	290343	1-1/2
75	240	3-3	36-7/8	121	TM-18751[5]	AS	258140	1	TM-18751E3[5]	AS	290351	3/4	TM-18751E4[5]	AS	290360	1-1/2
75	480	3-3	36-7/8	121	TM-18751	AS	258167	1	TM-18751E3	AS	290378	3/4	TM-18751E4	AS	290387	1-1/2
100	240	3-3	43-11/16	126	TM-181001[5]	AS	258175	1-1/4	TM-181001E3[5]	AS	290394	3/4	TM-181001E4[5]	AS	290407	1-1/2
100	480	3-3	43-11/16	126	TM-181001	AS	258191	1	TM-181001E3	AS	290415	3/4	TM-181001E4	AS	290423	1-1/2
120	240	3-3	51-7/8	128	TM-181201[5]	NS	258204	1-1/2	TM-181201E3[5]	NS	290431	3/4	TM-181201E4[5]	NS	290440	1-1/2
120	480	3-3	51-7/8	128	TM-181201[5]	NS	258220	1	TM-181201E3[5]	NS	290458	3/4	TM-181201E4[5]	NS	290466	1-1/2
150	240	3-3	61-3/8	134	TM-181501[5]	AS	290474	2	TM-181501E3[5]	AS	290482	3/4	TM-181501E4[5]	AS	290490	1-1/2
150	480	3-3	61-3/8	134	TM-181501[5]	AS	290503	1-1/4	TM-181501E3[5]	AS	290511	3/4	TM-181501E4[5]	AS	290520	1-1/2
175	240	3-3	69-7/8	140	TM-181751[5]	NS	290538	2	TM-181751E3[5]	NS	290546	1-1/4	TM-181751E4[5]	NS	290554	1-1/2
175	480	3-3	69-7/8	140	TM-181751[5]	NS	290562	1-1/4	TM-181751E3[5]	NS	290570	3/4	TM-181751E4[5]	NS	290589	1-1/2
200	240	3-3	78-7/8	145	TM-182001[5]	NS	290597	2-1/2	TM-182001E3[5]	NS	290600	1-1/4	TM-182001E4[5]	NS	290618	1-1/2
200	480	3-3	78-7/8	145	TM-182001[5]	NS	290626	1-1/4	TM-182001E3[5]	NS	290634	3/4	TM-182001E4[5]	NS	290642	1-1/2
10 Inch - 150 Lb. Steel Flange — 27 Copper Sheath Elements — 45 W/In²																
75	480	3-3	27	125	TM-2775	NS	096540	1-1/4	TM-2775E3	NS	096612	1-1/4	TM-2775E4	NS	096680	1-1/4
100	480	3-3	34	135	TM-27100	NS	096559	1-1/4	TM-27100E3	NS	096620	1-1/4	TM-27100E4	NS	096698	1-1/4
125	480	3-3	40-1/2	160	TM-27125[5]	NS	096567	1-1/4	TM-27125E3[5]	NS	096639	1-1/4	TM-27125E4[5]	NS	096700	1-1/4
150	480	3-3	47	175	TM-27150[5]	NS	096575	1-1/4	TM-27150E3[5]	NS	096647	1-1/4	TM-27150E4[5]	NS	096719	1-1/4
175	480	3-3	54	200	TM-27175[5]	NS	096583	1-1/4	TM-27175E3[5]	NS	096655	1-1/4	TM-27175E4[5]	NS	096727	1-1/4
200	480	3-3	61	215	TM-27200[5]	NS	096591	1-1/4	TM-27200E3[5]	NS	096663	1-1/4	TM-27200E4[5]	NS	096735	1-1/4
225	480	3-3	68	230	TM-27225[5]	NS	096604	1-1/4	TM-27225E3[5]	NS	096671	1-1/4	TM-27225E4[5]	NS	096743	1-1/4
12 Inch - 150 Lb. Steel Flange — 36 Copper Sheath Elements — 45 W/In²																
85	480	3-3	24	160	TM-3685	NS	096751	1-1/4	TM-3685E3	NS	096831	1-1/4	TM-3685E4	NS	096911	1-1/2
100	480	3-3	27	165	TM-36100	NS	096760	1-1/4	TM-36100E3	NS	096840	1-1/4	TM-36100E4	NS	096920	1-1/2
125	480	3-3	32	175	TM-36125[5]	NS	096778	1-1/4	TM-36125E3[5]	NS	096858	1-1/4	TM-36125E4[5]	NS	096938	1-1/2
150	480	3-3	37	185	TM-36150[5]	NS	096786	1-1/4	TM-36150E3[5]	NS	096866	1-1/4	TM-36150E4[5]	NS	096946	1-1/2
175	480	3-3	42	210	TM-36175[5]	NS	096794	1-1/4	TM-36175E3[5]	NS	096874	1-1/4	TM-36175E4[5]	NS	096954	1-1/2
200	480	3-3	48	240	TM-36200[5]	NS	096807	1-1/4	TM-36200E3[5]	NS	096882	1-1/4	TM-36200E4[5]	NS	096962	1-1/2
225	480	3-3	53	270	TM-36225[5]	NS	096815	1-1/4	TM-36225E3[5]	NS	096890	1-1/4	TM-36225E4[5]	NS	096970	1-1/2
250	480	3-3	58	290	TM-36250[5]	NS	096823	1-1/2	TM-36250E3[5]	NS	096903	1-1/4	TM-36250E4[5]	NS	096989	1-1/2
14 Inch - 150 Lb. Steel Flange — 45 Copper Sheath Elements — 45 W/In²																
100	480	3-3	20	165	TM-45100	NS	096997	1-1/4	TM-45100E3	NS	097105	1-1/4	TM-45100E4	NS	097199	1-1/2
125	480	3-3	24	175	TM-45125[5]	NS	097009	1-1/4	TM-45125E3[5]	NS	097113	1-1/4	TM-45125E4[5]	NS	097201	1-1/2
150	480	3-3	27	185	TM-45150[5]	NS	097033	1-1/4	TM-45150E3[5]	NS	097121	1-1/4	TM-45150E4[5]	NS	097210	1-1/2
175	480	3-3	31	195	TM-45175[5]	NS	097041	1-1/4	TM-45175E3[5]	NS	097130	1-1/4	TM-45175E4[5]	NS	097228	1-1/2
200	480	3-3	34-1/2	205	TM-45200[5]	NS	097050	1-1/4	TM-45200E3[5]	NS	097148	1-1/4	TM-45200E4[5]	NS	097236	1-1/2
225	480	3-3	38	215	TM-45225[5]	NS	097068	1-1/4	TM-45225E3[5]	NS	097156	1-1/4	TM-45225E4[5]	NS	097244	1-1/2
250	480	3-3	42	230	TM-45250[5]	NS	097076	1-1/2	TM-45250E3[5]	NS	097164	1-1/4	TM-45250E4[5]	NS	097252	1-1/2
300	480	3-3	48	240	TM-45300[5]	NS	097084	2	TM-45300E3[5]	NS	097172	1-1/2	TM-45300E4[5]	NS	097260	1-1/2
350	480	3-3	56	270	TM-45350[5]	NS	097092	2	TM-45350E3[5]	NS	097180	1-1/2	TM-45350E4[5]	NS	097279	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, 10, 12 and 14" 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.