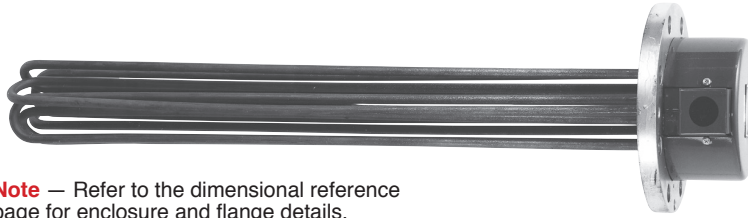


TMO

Light Weight Oil Applications

- 3 - 14" 150 Lb. Carbon Steel Flange
- Steel Sheath Elements
- Steel Thermowell
- 20 - 23 W/in²
- 3 - 125 kW
- 240 and 480 Volt, 1 & 3 Phase
- General Purpose, Moisture Resistant or Moisture Resistant/Explosion Resistant Terminal Enclosures

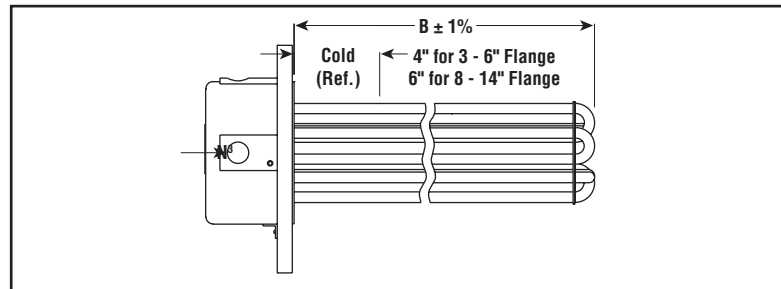


Note — Refer to the dimensional reference page for enclosure and flange details.



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 Steel Sheath Elements — 23 W/in²																
3	240	1-1	18-1/16	16	TMO-03-003P-E1	NS	196269	1	TMO-03-003P-E2	NS	180291	3/4				
3	240	1-3	18-1/16	16	TMO-03-003P-E1	NS	196277	1	TMO-03-003P-E2	NS	180304	3/4				
3	480	1-1	18-1/16	16	TMO-03-003P-E1	NS	196285	1	TMO-03-003P-E2	NS	180312	3/4				
3	480	1-3	18-1/16	16	TMO-03-003P-E1	NS	196293	1	TMO-03-003P-E2	NS	180320	3/4				
4.5	240	1-1	25-3/16	17	TMO-03-004P5-E1	NS	196306	1	TMO-03-004P5-E2	NS	180339	3/4				
4.5	240	1-3	25-3/16	17	TMO-03-004P5-E1	NS	196314	1	TMO-03-004P5-E2	NS	180347	3/4				
4.5	480	1-1	25-3/16	17	TMO-03-004P5-E1	NS	196322	1	TMO-03-004P5-E2	NS	180355	3/4				
4.5	480	1-3	25-3/16	17	TMO-03-004P5-E1	S	196330	1	TMO-03-004P5-E2	NS	180363	3/4				
6	240	1-1	33-1/16	18	TMO-03-006P-E1	NS	196349	1	TMO-03-006P-E2	NS	180371	3/4				
6	240	1-3	33-1/16	18	TMO-03-006P-E1	S	196357	1	TMO-03-006P-E2	NS	180380	3/4				
6	480	1-1	33-1/16	18	TMO-03-006P-E1	NS	196365	1	TMO-03-006P-E2	NS	180398	3/4				
6	480	1-3	33-1/16	18	TMO-03-006P-E1	S	196373	1	TMO-03-006P-E2	NS	180400	3/4				
7.5	480	1-1	40-9/16	20	TMO-03-007P5-E1	NS	196402	1	TMO-03-007P5-E2	NS	180435	3/4				
7.5	480	1-3	40-9/16	20	TMO-03-007P5-E1	NS	196410	1	TMO-03-007P5-E2	NS	180443	3/4				
9	240	1-1	48-1/16	21	TMO-03-009P-E1	NS	196429	1	TMO-03-009P-E2	NS	180451	3/4				
9	240	1-3	48-1/16	21	TMO-03-009P-E1	NS	196437	1	TMO-03-009P-E2	NS	180460	3/4				
9	480	1-1	48-1/16	21	TMO-03-009P-E1	NS	196445	1	TMO-03-009P-E2	NS	180478	3/4				
9	480	1-3	48-1/16	21	TMO-03-009P-E1	S	196453	1	TMO-03-009P-E2	S	180486	3/4				
					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. N³ (In.)
5 Inch - 150 Lb. Steel Flange — 6 Steel Sheath Elements — 23 W/in²																
6	240	1-3	18-1/16	27	TMO-06-006P-E1	NS	196710	1	TMO-06-006P-E2	NS	177607	1-1/2	TMO-06-006P-E4	NS	177631	1
6	480	1-3	18-1/16	27	TMO-06-006P-E1	NS	196736	1	TMO-06-006P-E2	NS	177623	1-1/2	TMO-06-006P-E4	NS	177615	1
7.5	240	1-3	19-3/16	30	TMO-06-007P5-E1	NS	196752	1	TMO-06-007P5-E2	NS	177640	1-1/2	TMO-06-007P5-E4	NS	177658	1
7.5	480	1-3	19-3/16	30	TMO-06-007P5-E1	NS	196779	1	TMO-06-007P5-E2	NS	177666	1-1/2	TMO-06-007P5-E4	NS	177674	1
9	240	1-3	25-3/16	32	TMO-06-009P-E1	NS	196795	1	TMO-06-009P-E2	NS	181614	1-1/2	TMO-06-009P-E4	NS	181622	1
9	480	1-3	25-3/16	32	TMO-06-009P-E1	NS	196816	1	TMO-06-009P-E2	NS	181630	1-1/2	TMO-06-009P-E4	NS	181649	1
12	240	1-3	33-1/16	33	TMO-06-012P-E1	S	196832	1	TMO-06-012P-E2	NS	181657	1-1/2	TMO-06-012P-E4	NS	181665	1
12	480	1-3	33-1/16	33	TMO-06-012P-E1	S	196859	1	TMO-06-012P-E2	NS	181673	1-1/2	TMO-06-012P-E4	NS	181681	1
15	240	1-3	40-9/16	35	TMO-06-015P-E1	S	196875	1	TMO-06-015P-E2	NS	181690	1-1/2	TMO-06-015P-E4	NS	181702	1
15	480	1-3	40-9/16	35	TMO-06-015P-E1	S	196891	1	TMO-06-015P-E2	NS	181710	1-1/2	TMO-06-015P-E4	NS	181729	1
20	240	2-3	52-1/16	38	TMO-06-020P-E1	S	196912	1	TMO-06-020P-E2	NS	181737	1-1/2	TMO-06-020P-E4	NS	181745	1
20	480	1-3	52-1/16	38	TMO-06-020P-E1	S	196939	1	TMO-06-020P-E2	NS	181753	1-1/2	TMO-06-020P-E4	NS	181761	1

TMO

Light Weight Oil 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 Steel Sheath Elements — 23 W/in²																
25	240	2-3	65-1/16	42	TMO-06-025P-E1	NS	181770	1	TMO-06-025P-E2	NS	181788	1-1/2	TMO-06-025P-E4	NS	181796	1
25	480	1-3	65-1/16	42	TMO-06-025P-E1	NS	181809	1	TMO-06-025P-E2	NS	181817	1-1/2	TMO-06-025P-E4	NS	181825	1
30	240	2-3	78-1/16	46	TMO-06-030P-E1	NS	181833	1	TMO-06-030P-E2	NS	181841	1-1/2	TMO-06-030P-E4	NS	181850	1
30	480	1-3	78-1/16	46	TMO-06-030P-E1	NS	181868	1	TMO-06-030P-E2	NS	181876	1-1/2	TMO-06-030P-E4	NS	181884	1
6 Inch - 150 Lb. Steel Flange — 12 Steel Sheath Elements — 23 W/in²																
18	240	1-3	25-1/8	67	TMO-12-018P-E1	NS	196947	1	TMO-12-018P-E2	NS	290650	1-1/2	TMO-12-018P-E4	NS	290669	1-1/2
18	480	1-3	25-1/8	67	TMO-12-018P-E1	NS	196963	1	TMO-12-018P-E2	NS	290677	1-1/2	TMO-12-018P-E4	NS	290685	1-1/2
24	240	2-3	33	76	TMO-12-024P-E1	NS	196998	2	TMO-12-024P-E2	NS	290693	1-1/2	TMO-12-024P-E4	NS	290706	1-1/2
24	480	1-3	33	76	TMO-12-024P-E1	NS	196971	1	TMO-12-024P-E2	NS	290714	1-1/2	TMO-12-024P-E4	NS	290722	1-1/2
30	240	2-3	40-1/2	84	TMO-12-030P-E1	NS	197000	2	TMO-12-030P-E2	NS	290730	1-1/2	TMO-12-030P-E4	NS	290749	1-1/2
30	480	1-3	40-1/2	84	TMO-12-030P-E1	NS	197018	1	TMO-12-030P-E2	NS	290757	1-1/2	TMO-12-030P-E4	NS	290765	1-1/2
36	240	2-3	48	111	TMO-12-036P-E1	NS	197034	2	TMO-12-036P-E2	NS	290773	1-1/2	TMO-12-036P-E4	NS	290781	1-1/2
36	480	1-3	48	111	TMO-12-036P-E1	NS	197050	1	TMO-12-036P-E2	NS	290790	1-1/2	TMO-12-036P-E4	NS	290802	1-1/2
8 Inch - 150 Lb. Steel Flange — 18 Steel Sheath Elements — 23 W/in²																
30	240	3-3	32-7/8	112	TMO-18-030P-E1	NS	197181	1	TMO-18-030P-E2	NS	291178	3/4	TMO-18-030P-E4	NS	291186	1-1/2
30	480	3-3	32-7/8	112	TMO-18-030P-E1	NS	197202	1	TMO-18-030P-E2	NS	291194	3/4	TMO-18-030P-E4	NS	291207	1-1/2
40	240	3-3	43-11/16	125	TMO-18-040P-E1	NS	197210	1	TMO-18-040P-E2	NS	291215	3/4	TMO-18-040P-E4	NS	291223	1-1/2
40	480	3-3	43-11/16	125	TMO-18-040P-E1	NS	197237	1	TMO-18-040P-E2	NS	291231	3/4	TMO-18-040P-E4	NS	291240	1-1/2
50	240	3-3	51-7/8	130	TMO-18-050P-E1	NS	197245	1	TMO-18-050P-E2	NS	291258	1	TMO-18-050P-E4	NS	291266	1-1/2
50	480	3-3	51-7/8	130	TMO-18-050P-E1	NS	197261	1	TMO-18-050P-E2	NS	291274	3/4	TMO-18-050P-E4	NS	291282	1-1/2
60	240	3-3	61-3/8	136	TMO-18-060P-E1	NS	291290	1	TMO-18-060P-E2	NS	291303	1	TMO-18-060P-E4	NS	291311	1-1/2
60	480	3-3	61-3/8	136	TMO-18-060P-E1	NS	291320	1	TMO-18-060P-E2	NS	291338	3/4	TMO-18-060P-E4	NS	291346	1-1/2
70	240	3-3	69-7/8	142	TMO-18-070P-E1	NS	291354	1-1/4	TMO-18-070P-E2	NS	291362	1-1/4	TMO-18-070P-E4	NS	291370	1-1/2
70	480	3-3	69-7/8	142	TMO-18-070P-E1	NS	291389	1	TMO-18-070P-E2	NS	291397	3/4	TMO-18-070P-E4	NS	291400	1-1/2
80	240	3-3	78-7/8	147	TMO-18-080P-E1	NS	291418	1-1/4	TMO-18-080P-E2	NS	291426	1-1/4	TMO-18-080P-E4	NS	291434	1-1/2
80	480	3-3	78-7/8	147	TMO-18-080P-E1	NS	291442	1	TMO-18-080P-E2	NS	291450	3/4	TMO-18-080P-E4	NS	291469	1-1/2
10 Inch - 150 Lb. Steel Flange — 27 Steel Sheath Elements — 20 W/in²																
45	240	3-3	32-13/16	135	TMO-27-045P-E1	NS	197368	1-1/4	TMO-27-045P-E2	NS	291477	1-1/4	TMO-27-045P-E4	NS	291485	1-1/4
45	480	3-3	32-13/16	135	TMO-27-045P-E1	NS	197376	1-1/4	TMO-27-045P-E2	NS	291493	1-1/4	TMO-27-045P-E4	NS	291506	1-1/4
60	240	3-3	43-5/8	165	TMO-27-060P-E1	NS	197384	1-1/4	TMO-27-060P-E2	NS	291514	1-1/4	TMO-27-060P-E4	NS	291522	1-1/4
60	480	3-3	43-5/8	165	TMO-27-060P-E1	NS	197392	1-1/4	TMO-27-060P-E2	NS	291530	1-1/4	TMO-27-060P-E4	NS	291549	1-1/4
75	240	3-3	51-13/16	200	TMO-27-075P-E1	NS	197405	1-1/4	TMO-27-075P-E2	NS	291557	1-1/4	TMO-27-075P-E4	NS	291565	1-1/4
75	480	3-3	51-13/16	200	TMO-27-075P-E1	NS	197413	1-1/4	TMO-27-075P-E2	NS	291573	1-1/4	TMO-27-075P-E4	NS	291581	1-1/4
12 Inch - 150 Lb. Steel Flange — 36 Steel Sheath Elements — 20 W/in²																
60	240	3-3	32-3/4	175	TMO-36-060P-E1	NS	197421	1-1/2	TMO-36-060P-E2	NS	291590	1-1/4	TMO-36-060P-E4	NS	291602	1-1/2
60	480	3-3	32-3/4	175	TMO-36-060P-E1	NS	197430	1-1/2	TMO-36-060P-E2	NS	291610	1-1/4	TMO-36-060P-E4	NS	291629	1-1/2
80	240	3-3	43-9/16	210	TMO-36-080P-E1	NS	197448	1-1/2	TMO-36-080P-E2	NS	291637	1-1/4	TMO-36-080P-E4	NS	291645	1-1/2
80	480	3-3	43-9/16	210	TMO-36-080P-E1	NS	197456	1-1/2	TMO-36-080P-E2	NS	291653	1-1/4	TMO-36-080P-E4	NS	291661	1-1/2
100	240	3-3	51-3/4	250	TMO-36-100P-E1	NS	197464	1-1/2	TMO-36-100P-E2	NS	291670	1-1/4	TMO-36-100P-E4	NS	291688	1-1/2
100	480	3-3	51-3/4	250	TMO-36-100P-E1	NS	197472	1-1/2	TMO-36-100P-E2	NS	291696	1-1/4	TMO-36-100P-E4	NS	291709	1-1/2
14 Inch - 150 Lb. Steel Flange — 45 Steel Sheath Elements — 20 W/in²																
75	240	3-3	32-5/8	195	TMO-45-075P-E1	NS	197480	2	TMO-45-075P-E2	NS	093930	1-1/4	TMO-45-075P-E4	NS	093999	1-1/2
75	480	3-3	32-5/8	195	TMO-45-075P-E1	NS	197499	2	TMO-45-075P-E2	NS	093948	1-1/4	TMO-45-075P-E4	NS	094000	1-1/2
100	240	3-3	43-7/16	225	TMO-45-100P-E1	NS	197501	2	TMO-45-100P-E2	NS	093956	1-1/4	TMO-45-100P-E4	NS	096129	1-1/2
100	480	3-3	43-7/16	225	TMO-45-100P-E1	NS	197510	2	TMO-45-100P-E2	NS	093964	1-1/4	TMO-45-100P-E4	NS	096137	1-1/2
125	240	3-3	51-5/8	270	TMO-45-125P-E1	NS	197528	2	TMO-45-125P-E2	NS	093972	1-1/4	TMO-45-125P-E4	NS	096145	1-1/2
125	480	3-3	51-5/8	270	TMO-45-125P-E1	NS	197536	2	TMO-45-125P-E2	NS	093980	1-1/4	TMO-45-125P-E4	NS	096153	1-1/2

Stock Status: S = stock NS = non-stock

To Order—Specify model, PCN, kW, volts, phase and quantity.

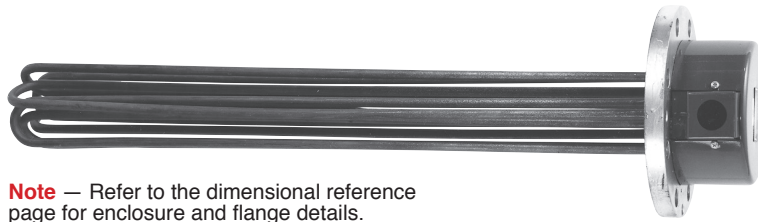
*Weights:

- 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.

TMO

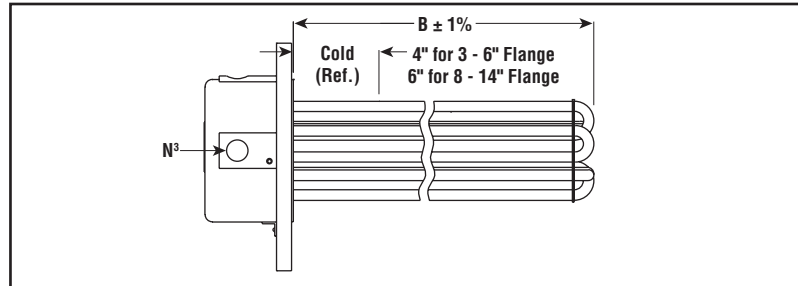
Medium Weight Oil Applications

- 3 - 8" 150 Lb. Carbon Steel Flange
- Steel Sheath Elements
- Steel Thermowell
- 15 W/in²
- 3 - 45 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 & 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 Steel Sheath Elements — 15 W/in ²																
3	240	1-1	25-3/16	17	TMO-03-003P-E1	NS	180558	1	TMO-03-003P-E2	NS	180566	3/4				
3	240	1-3	25-3/16	17	TMO-03-003P-E1	NS	180574	1	TMO-03-003P-E2	NS	180582	3/4				
3	480	1-1	25-3/16	17	TMO-03-003P-E1	NS	180590	1	TMO-03-003P-E2	NS	180603	3/4				
3	480	1-3	25-3/16	17	TMO-03-003P-E1	NS	180611	1	TMO-03-003P-E2	NS	180620	3/4				
4	240	1-1	33-1/16	18	TMO-03-004P-E1	NS	180638	1	TMO-03-004P-E2	NS	180646	3/4				
4	240	1-3	33-1/16	18	TMO-03-004P-E1	NS	180654	1	TMO-03-004P-E2	NS	180662	3/4				
4	480	1-1	33-1/16	18	TMO-03-004P-E1	NS	180670	1	TMO-03-004P-E2	NS	180689	3/4				
4	480	1-3	33-1/16	18	TMO-03-004P-E1	NS	180697	1	TMO-03-004P-E2	NS	180700	3/4				
6	240	1-1	48-1/16	21	TMO-03-006P-E1	NS	180718	1	TMO-03-006P-E2	NS	180726	3/4				
6	240	1-3	48-1/16	21	TMO-03-006P-E1	NS	180734	1	TMO-03-006P-E2	NS	180742	3/4				
6	480	1-1	48-1/16	21	TMO-03-006P-E1	NS	180750	1	TMO-03-006P-E2	NS	180769	3/4				
6	480	1-3	48-1/16	21	TMO-03-006P-E1	NS	180777	1	TMO-03-006P-E2	NS	180785	3/4				
					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 Steel Sheath Elements — 15 W/in ²																
8	240	1-3	33-1/16	33	TMO-06-008P-E1	NS	181956	1	TMO-06-008P-E2	NS	181964	1-1/2	TMO-06-008P-E4	NS	181972	1
8	480	1-3	33-1/16	33	TMO-06-008P-E1	NS	181980	1	TMO-06-008P-E2	NS	181999	1-1/2	TMO-06-008P-E4	NS	182000	1
10	240	1-3	40-9/16	34	TMO-06-010P-E1	NS	182019	1	TMO-06-010P-E2	NS	182027	1-1/2	TMO-06-010P-E4	NS	182035	1
10	480	1-3	40-9/16	34	TMO-06-010P-E1	NS	182043	1	TMO-06-010P-E2	NS	182051	1-1/2	TMO-06-010P-E4	NS	182060	1
12	240	1-3	48-1/16	37	TMO-06-012P-E1	NS	182078	1	TMO-06-012P-E2	NS	182086	1-1/2	TMO-06-012P-E4	NS	182094	1
12	480	1-3	48-1/16	37	TMO-06-012P-E1	NS	182107	1	TMO-06-012P-E2	NS	182115	1-1/2	TMO-06-012P-E4	NS	182123	1
15	240	1-3	57-1/16	40	TMO-06-015P-E1	NS	182131	1	TMO-06-015P-E2	NS	182140	1-1/2	TMO-06-015P-E4	NS	182158	1
15	480	1-3	57-1/16	40	TMO-06-015P-E1	NS	182166	1	TMO-06-015P-E2	NS	182174	1-1/2	TMO-06-015P-E4	NS	182182	1
18	240	1-3	68-1/16	43	TMO-06-018P-E1	NS	182190	1	TMO-06-018P-E2	NS	182203	1-1/2	TMO-06-018P-E4	NS	182211	1
18	480	1-3	68-1/16	43	TMO-06-018P-E1	NS	182220	1	TMO-06-018P-E2	NS	182238	1-1/2	TMO-06-018P-E4	NS	182246	1
6 Inch - 150 Lb. Steel Flange — 12 Steel Sheath Elements — 15 W/in ²																
12	240	1-3	25-1/8	67	TMO-12-012P-E1	NS	234405	1	TMO-12-012P-E2	NS	234510	1-1/2	TMO-12-012P-E4	NS	234560	1-1/2
12	480	1-3	25-1/8	67	TMO-12-012P-E1	NS	234413	1	TMO-12-012P-E2	NS	234528	1-1/2	TMO-12-012P-E4	NS	234579	1-1/2
16	240	1-3	33	76	TMO-12-016P-E1	NS	234421	1	TMO-12-016P-E2	NS	234536	1-1/2	TMO-12-016P-E4	NS	234587	1-1/2
16	480	1-3	33	76	TMO-12-016P-E1	NS	234430	1	TMO-12-016P-E2	NS	234480	1-1/2	TMO-12-016P-E4	NS	234595	1-1/2
20	240	2-3	40-1/2	84	TMO-12-020P-E1	NS	234448	1	TMO-12-020P-E2	NS	234499	1-1/2	TMO-12-020P-E4	NS	234608	1-1/2
20	480	1-3	40-1/2	84	TMO-12-020P-E1	NS	234456	1	TMO-12-020P-E2	NS	234501	1-1/2	TMO-12-020P-E4	NS	234616	1-1/2
24	240	2-3	48	111	TMO-12-024P-E1	NS	234464	1	TMO-12-024P-E2	NS	234544	1-1/2	TMO-12-024P-E4	NS	234624	1-1/2
24	480	1-3	48	111	TMO-12-024P-E1	NS	234472	1	TMO-12-024P-E2	NS	234552	1-1/2	TMO-12-024P-E4	NS	234632	1-1/2

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Medium Weight Oil 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.)
8 Inch - 150 Lb. Steel Flange — 18 Steel Sheath Elements — 15 W/in²																
20	240	3-3	32-7/8	112	TMO-18-020P-E1	NS	290810	1	TMO-18-020P-E2	NS	290829	3/4	TMO-18-020P-E4	NS	290837	1-1/2
20	480	3-3	32-7/8	112	TMO-18-020P-E1	NS	290845	1	TMO-18-020P-E2	NS	290853	3/4	TMO-18-020P-E4	NS	290861	1-1/2
25	240	3-3	43-11/16	125	TMO-18-025P-E1	NS	290870	1	TMO-18-025P-E2	NS	290888	3/4	TMO-18-025P-E4	NS	290896	1-1/2
25	480	3-3	43-11/16	125	TMO-18-025P-E1	NS	290909	1	TMO-18-025P-E2	NS	290917	3/4	TMO-18-025P-E4	NS	290925	1-1/2
30	240	3-3	51-7/8	130	TMO-18-030P-E1	NS	290933	1	TMO-18-030P-E2	NS	290941	3/4	TMO-18-030P-E4	NS	290950	1-1/2
30	480	3-3	51-7/8	130	TMO-18-030P-E1	NS	290968	1	TMO-18-030P-E2	NS	290976	3/4	TMO-18-030P-E4	NS	290984	1-1/2
35	240	3-3	61-3/8	135	TMO-18-035P-E1	NS	290992	1	TMO-18-035P-E2	NS	291004	3/4	TMO-18-035P-E4	NS	291012	1-1/2
35	480	3-3	61-3/8	135	TMO-18-035P-E1	NS	291020	1	TMO-18-035P-E2	NS	291039	3/4	TMO-18-035P-E4	NS	291047	1-1/2
40	240	3-3	69-7/8	135	TMO-18-040P-E1	NS	291055	1	TMO-18-040P-E2	NS	291063	3/4	TMO-18-040P-E4	NS	291071	1-1/2
40	480	3-3	69-7/8	135	TMO-18-040P-E1	NS	291080	1	TMO-18-040P-E2	NS	291098	3/4	TMO-18-040P-E4	NS	291100	1-1/2
45	240	3-3	78-7/8	147	TMO-18-045P-E1	NS	291119	1	TMO-18-045P-E2	NS	291127	1	TMO-18-045P-E4	NS	291135	1-1/2
45	480	3-3	78-7/8	147	TMO-18-045P-E1	NS	291143	1	TMO-18-045P-E2	NS	291151	3/4	TMO-18-045P-E4	NS	291160	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

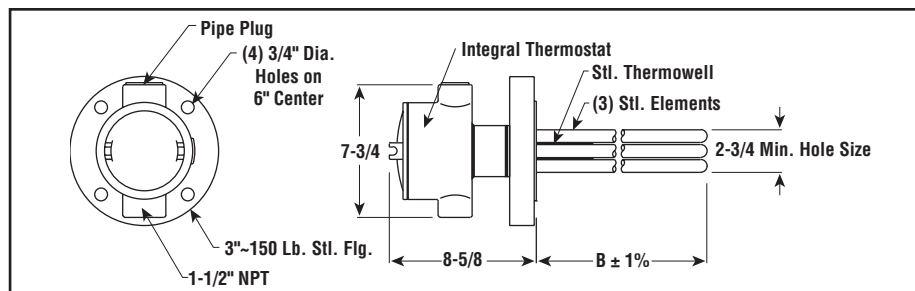
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Medium Weight Oil Applications



- 3" 150 Lb. Carbon Steel Flange
- Steel Sheath Elements
- Steel Thermowell
- Built-in AR Thermostat (60 - 250°F)
 - Single Phase on 480V (contactor required)
 - Three Phase on 240V (no contactor required)
- 15 W/in²
- 3 - 6 kW
- 240 and 480 Volt, Three Phase
- Moisture Resistant/Explosion Resistant Terminal Enclosure

Dimensions (Inches)



Specifications and Ordering Information

					E2 Moisture Resistant/Explosion Resistant		
kW	Volts	CKT & Phase	DIM B (In.)	Wt. (Lbs.)	Model	Stock	PCN
3 Inch - 150 Lb. Steel Flange — 3 Steel Sheath Elements — 15 W/in²							
3	240	1-3	25-1/4	24	TMO-30315E2T93	NS	326166
3	480	1-3	25-1/4	24	TMO-30315E2T2	NS	326174
4	240	1-3	33-1/16	25	TMO-30415E2T93	NS	326182
4	480	1-3	33-1/16	25	TMO-30415E2T2	NS	326190
6	240	1-3	48-1/16	29	TMO-30615E2T93	NS	326203
6	480	1-3	48-1/16	29	TMO-30615E2T2	NS	326211

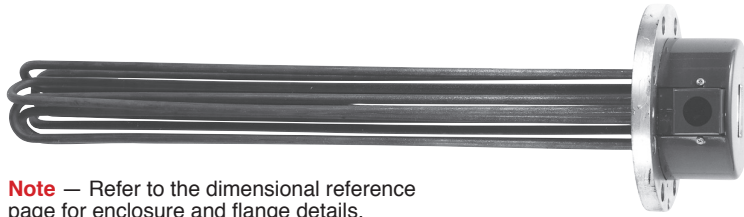
Stock Status: S = stock NS = non-stock

To Order—Specify model, PCN, kW, volts, phase and quantity.

Note — Other kW ratings and flange sizes available, contact your Local Chromalox Sales office.

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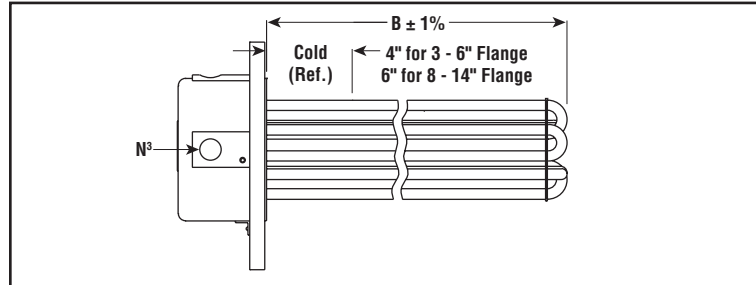
Heavy Weight Oil Applications



- 3 - 5" 150 Lb. Carbon Steel Flange
- Steel Sheath Elements and Steel Thermowell
- 6.5 W/in²
- 1.2 - 8.4 kW
- 240 and 480 Volt, Three 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)



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 Steel Sheath Elements — 6.5 W/in ²																
1.2	240	1-3	25-3/16	17	TMO-03-001P2-E1	NS	179223	1	TMO-03-001P2-E2	NS	031421	3/4				
1.65	240	1-3	33-1/16	18	TMO-03-001P6.5-E1	NS	179274	1	TMO-03-001P6.5-E2	NS	031430	3/4				
2.1	240	1-3	40-9/16	20	TMO-03-002P1-E1	NS	179320	1	TMO-03-002P1-E2	NS	031448	3/4				
2.1	480	1-3	40-9/16	20	TMO-03-002P1-E1	NS	179346	1	TMO-03-002P1-E2	NS	031456	3/4				
2.48	240	1-3	48-1/16	21	TMO-03-002P4.8-E1	NS	179389	1	TMO-03-002P4.8-E2	NS	031464	3/4				
					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 Steel Sheath Elements — 6.5 W/in ²																
1.5	240	1-3	18-1/16	27	TMO-06-001P5-E1	NS	179469	1	TMO-06-001P5-E2	NS	031472	1-1/2	TMO-06-001P5-E4	NS	031667	1
1.8	240	1-3	19-13/16	30	TMO-06-001P8-E1	NS	179514	1	TMO-06-001P8-E3	NS	031480	1-1/2	TMO-06-001P8-E4	NS	031675	1
2.4	240	1-3	25-3/16	32	TMO-06-002P4-E1	NS	179565	1	TMO-06-002P4-E2	NS	031499	1-1/2	TMO-06-002P4-E4	NS	031683	1
3.3	240	1-3	33-1/16	33	TMO-06-003P3-E1	NS	179610	1	TMO-06-003P3-E2	NS	031501	1-1/2	TMO-06-003P3-E4	NS	031691	1
3.3	480	1-3	33-1/16	33	TMO-06-003P3-E1	NS	179637	1	TMO-06-003P3-E2	NS	031510	1-1/2	TMO-06-003P3-E4	NS	031704	1
4.2	240	1-3	40-9/16	34	TMO-06-004P2-E1	NS	179688	1	TMO-06-004P2-E2	NS	031528	1-1/2	TMO-06-004P2-E4	NS	031712	1
4.2	480	1-3	40-9/16	34	TMO-06-004P2-E1	NS	179709	1	TMO-06-004P2-E2	NS	031536	1-1/2	TMO-06-004P2-E4	NS	031720	1
4.95	240	1-3	48-1/16	37	TMO-06-004P9.5-E1	NS	179741	1	TMO-06-004P9.5-E2	NS	031544	1-1/2	TMO-06-004P9.5-E4	NS	031739	1
4.95	480	1-3	48-1/16	37	TMO-06-004P9.5-E1	NS	179768	1	TMO-06-004P9.5-E2	NS	031552	1-1/2	TMO-06-004P9.5-E4	NS	031747	1
5.4	240	1-3	52-1/16	38	TMO-06-005P4-E1	NS	179784	1	TMO-06-005P4-E2	NS	031560	1-1/2	TMO-06-005P4-E4	NS	031755	1
5.4	480	1-3	52-1/16	38	TMO-06-005P4-E1	NS	179805	1	TMO-06-005P4-E2	NS	031579	1-1/2	TMO-06-005P4-E4	NS	031763	1
6	240	1-3	58-3/8	40	TMO-06-006P-E1	NS	179821	1	TMO-06-006P-E2	NS	031587	1-1/2	TMO-06-006P-E4	NS	031771	1
6	480	1-3	58-3/8	40	TMO-06-006P-E1	NS	179848	1	TMO-06-006P-E2	NS	031595	1-1/2	TMO-06-006P-E4	NS	031780	1
6.9	240	1-3	65-1/16	42	TMO-06-006P6-E1	NS	179864	1	TMO-06-006P6-E2	NS	031608	1-1/2	TMO-06-006P6-E4	NS	031798	1
6.9	480	1-3	65-1/16	42	TMO-06-006P6-E1	NS	179880	1	TMO-06-006P6-E2	NS	031616	1-1/2	TMO-06-006P6-E4	NS	031800	1
7.2	240	1-3	68-5/8	43	TMO-06-007P2-E1	NS	179901	1	TMO-06-007P2-E2	NS	031624	1-1/2	TMO-06-007P2-E4	NS	031819	1
7.2	480	1-3	68-5/8	43	TMO-06-007P2-E1	NS	179928	1	TMO-06-007P2-E2	NS	031632	1-1/2	TMO-06-007P2-E4	NS	031827	1
8.4	240	1-3	78-1/16	46	TMO-06-008P4-E1	NS	179944	1	TMO-06-008P4-E2	NS	031640	1-1/2	TMO-06-008P4-E4	NS	031835	1
8.4	480	1-3	78-1/16	46	TMO-06-008P4-E1	NS	179960	1	TMO-06-008P4-E2	NS	031659	1-1/2	TMO-06-008P4-E4	NS	031843	1

Stock Status: S = stock NS = non-stock

To Order—Specify model, PCN, kW, volts, phase and quantity.

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" flange with E4 enclosure add 7 lbs. to Wt. of E1 enclosure heater.