

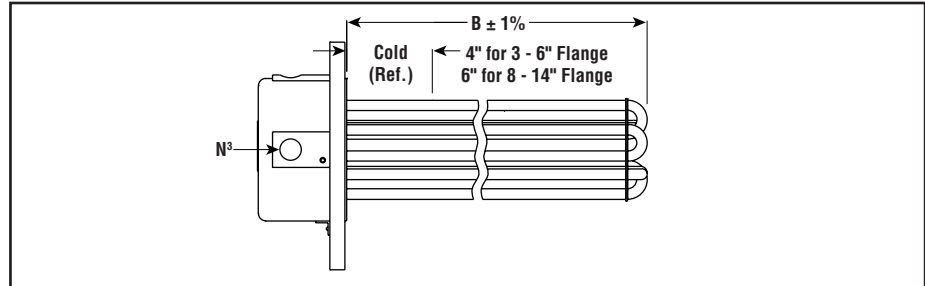
Immersion

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



Dimensions (Inches)



Specifications and Ordering Information



Same-day shipping on stock item orders received before 4 pm CST. 3-day shipping on assembly-stock items.

					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 Steel Sheath Elements — 15 W/In²																
3	240	1-1	25-3/16	17	TMO-30315	AS	180558	1	TMO-30315E2	AS	180566	3/4				
3	240	1-3	25-3/16	17	TMO-30315	AS	180574	1	TMO-30315E2	AS	180582	3/4				
3	480	1-1	25-3/16	17	TMO-30315	AS	180590	1	TMO-30315E2	AS	180603	3/4				
3	480	1-3	25-3/16	17	TMO-30315	AS	180611	1	TMO-30315E2	AS	180620	3/4				
4	240	1-1	33-1/16	18	TMO-30415	AS	180638	1	TMO-30415E2	AS	180646	3/4				
4	240	1-3	33-1/16	18	TMO-30415	AS	180654	1	TMO-30415E2	AS	180662	3/4				
4	480	1-1	33-1/16	18	TMO-30415	AS	180670	1	TMO-30415E2	AS	180689	3/4				
4	480	1-3	33-1/16	18	TMO-30415	AS	180697	1	TMO-30415E2	AS	180700	3/4				
6	240	1-1	48-1/16	21	TMO-30615	AS	180718	1	TMO-30615E2	AS	180726	3/4				
6	240	1-3	48-1/16	21	TMO-30615	AS	180734	1	TMO-30615E2	AS	180742	3/4				
6	480	1-1	48-1/16	21	TMO-30615	AS	180750	1	TMO-30615E2	AS	180769	3/4				
6	480	1-3	48-1/16	21	TMO-30615	AS	180777	1	TMO-30615E2	AS	180785	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 Steel Sheath Elements — 15 W/In²																
8	240	1-3	33-1/16	33	TMO-60825	AS	181956	1	TMO-60825E3	AS	181964	1-1/2	TMO-60825E4	AS	181972	1
8	480	1-3	33-1/16	33	TMO-60825	AS	181980	1	TMO-60825E3	AS	181999	1-1/2	TMO-60825E4	AS	182000	1
10	240	1-3	40-9/16	34	TMO-61025	AS	182019	1	TMO-61025E3	AS	182027	1-1/2	TMO-61025E4	AS	182035	1
10	480	1-3	40-9/16	34	TMO-61025	AS	182043	1	TMO-61025E3	AS	182051	1-1/2	TMO-61025E4	AS	182060	1
12	240	1-3	48-1/16	37	TMO-61225	AS	182078	1	TMO-61225E3	AS	182086	1-1/2	TMO-61225E4	AS	182094	1
12	480	1-3	48-1/16	37	TMO-61225	AS	182107	1	TMO-61225E3	AS	182115	1-1/2	TMO-61225E4	AS	182123	1
15	240	1-3	57-1/16	40	TMO-61525	AS	182131	1	TMO-61525E3	AS	182140	1-1/2	TMO-61525E4	AS	182158	1
15	480	1-3	57-1/16	40	TMO-61525	AS	182166	1	TMO-61525E3	AS	182174	1-1/2	TMO-61525E4	AS	182182	1
18	240	1-3	68-1/16	43	TMO-61825	AS	182190	1	TMO-61825E3	AS	182203	1-1/2	TMO-61825E4	AS	182211	1
18	480	1-3	68-1/16	43	TMO-61825	AS	182220	1	TMO-61825E3	AS	182238	1-1/2	TMO-61825E4	AS	182246	1
6 Inch - 150 Lb. Steel Flange — 12 Steel Sheath Elements — 15 W/In²																
12	240	1-3	25-1/8	67	TMO-1212F1	AS	234405	1	TMO-1212F1E3	AS	234510	1-1/2	TMO-1212F1E4	AS	234560	1-1/2
12	480	1-3	25-1/8	67	TMO-1212F1	AS	224413	1	TMO-1212F1E3	AS	234528	1-1/2	TMO-1212F1E4	AS	234579	1-1/2
16	240	1-3	33	76	TMO-1216F1	AS	234421	1	TMO-1216F1E3	AS	234536	1-1/2	TMO-1216F1E4	AS	234587	1-1/2
16	480	1-3	33	76	TMO-1216F1	AS	234430	1	TMO-1216F1E3	AS	234480	1-1/2	TMO-1216F1E4	AS	234595	1-1/2
20	240	2-3	40-1/2	84	TMO-1220F1	AS	234448	1	TMO-1220F1E3	AS	234499	1-1/2	TMO-1220F1E4	AS	234608	1-1/2
20	480	1-3	40-1/2	84	TMO-1220F1	AS	234456	1	TMO-1220F1E3	AS	234501	1-1/2	TMO-1220F1E4	AS	234616	1-1/2
24	240	2-3	48	111	TMO-1224F1	AS	234464	1	TMO-1224F1E3	AS	234544	1-1/2	TMO-1224F1E4	AS	234624	1-1/2
24	480	1-3	48	111	TMO-1224F1	AS	234472	1	TMO-1224F1E3	AS	234552	1-1/2	TMO-1224F1E4	AS	234632	1-1/2

TMO

Medium Weight Oil Applications *(cont'd.)*

Specifications and Ordering Information

					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.)
8 Inch - 150 Lb. Steel Flange — 18 Steel Sheath Elements — 15 W/In²																
20	240	3-3	32-7/8	112	TMO-1820F1	NS	290810	1	TMO-1820F1E3	NS	290829	3/4	TMO-1820F1E4	NS	290837	1-1/2
20	480	3-3	32-7/8	112	TMO-1820F1	NS	290845	1	TMO-1820F1E3	NS	290853	3/4	TMO-1820F1E4	NS	290861	1-1/2
25	240	3-3	43-11/16	125	TMO-1825F1	AS	290870	1	TMO-1825F1E3	AS	290888	3/4	TMO-1825F1E4	AS	290896	1-1/2
25	480	3-3	43-11/16	125	TMO-1825F1	AS	290909	1	TMO-1825F1E3	AS	290917	3/4	TMO-1825F1E4	AS	290925	1-1/2
30	240	3-3	51-7/8	130	TMO-1830F1	NS	290933	1	TMO-1830F1E3	NS	290941	3/4	TMO-1830F1E4	NS	290950	1-1/2
30	480	3-3	51-7/8	130	TMO-1830F1	NS	290968	1	TMO-1830F1E3	NS	290976	3/4	TMO-1830F1E4	NS	290984	1-1/2
35	240	3-3	61-3/8	135	TMO-1835F1	NS	290992	1	TMO-1835F1E3	NS	291004	3/4	TMO-1835F1E4	NS	291012	1-1/2
35	480	3-3	61-3/8	135	TMO-1835F1	NS	291020	1	TMO-1835F1E3	NS	291039	3/4	TMO-1835F1E4	NS	291047	1-1/2
40	240	3-3	69-7/8	135	TMO-1840F1	NS	291055	1	TMO-1840F1E3	NS	291063	3/4	TMO-1840F1E4	NS	291071	1-1/2
40	480	3-3	69-7/8	135	TMO-1840F1	NS	291080	1	TMO-1840F1E3	NS	291098	3/4	TMO-1840F1E4	NS	291100	1-1/2
45	240	3-3	78-7/8	147	TMO-1845F1	NS	291119	1	TMO-1845F1E3	NS	291127	1	TMO-1845F1E4	NS	291135	1-1/2
45	480	3-3	78-7/8	147	TMO-1845F1	NS	291143	1	TMO-1845F1E3	NS	291151	3/4	TMO-1845F1E4	NS	291160	1-1/2

FLANGED

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/Recognized 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" flange with E3 or E4 enclosure add 10 lbs. to Wt. of E1 enclosure heater.

TMO-3

Medium Weight Oil Applications

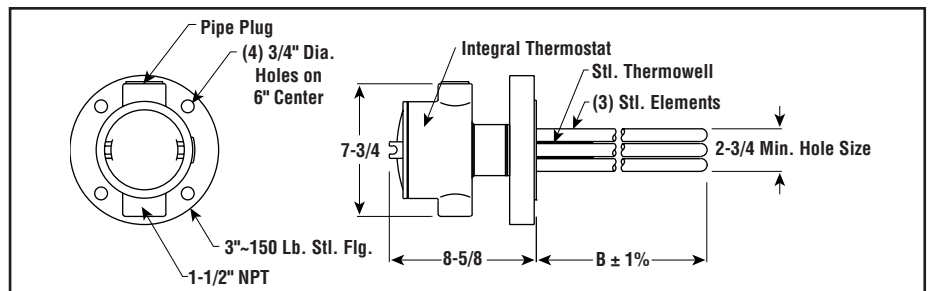
- 3" 150 Lb. Carbon Steel Flange
- Steel Sheath Elements
- Steel Thermowell
- Built-in AR Thermostat (60 - 250°F)
 - Single Phase on 480V (contactor required)
 - Three Phase on 240V (no contactor required)
- 15 W/In²
- 3 - 6 kW
- 240 and 480 Volt, Three Phase
- Moisture Resistant/Explosion Resistant Terminal Enclosure

FASTShip

Same-day shipping on stock item orders received before 4 pm CST.
3-day shipping on assembly-stock items.



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	AS	326166
3	480	1-3	25-1/4	24	TMO-30315E2T2	AS	326174
4	240	1-3	33-1/16	25	TMO-30415E2T93	AS	326182
4	480	1-3	33-1/16	25	TMO-30415E2T2	AS	326190
6	240	1-3	48-1/16	29	TMO-30615E2T93	AS	326203
6	480	1-3	48-1/16	29	TMO-30615E2T2	AS	326211

Stock Status: S = stock AS = assembly 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.