

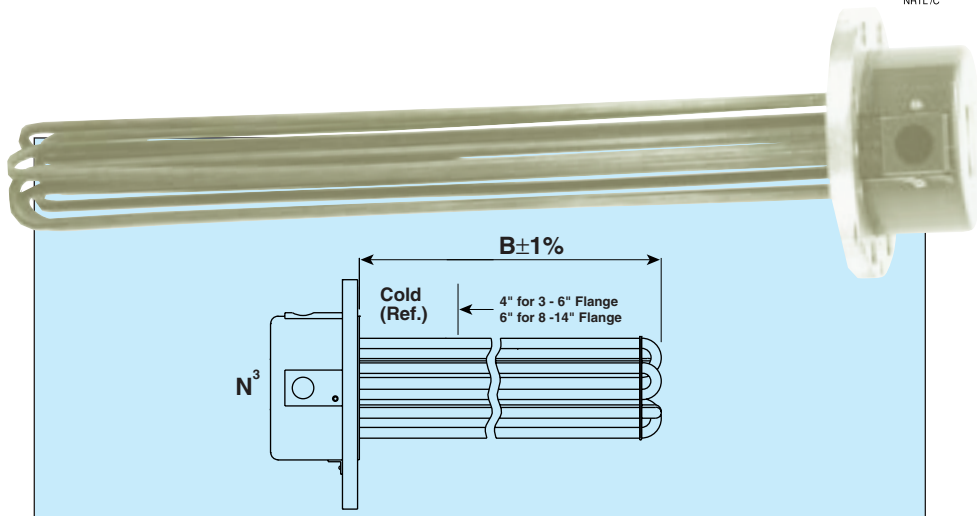
FLANGED IMMERSION HEATER FOR MEDIUM WEIGHT OIL

TMO Series

- ✓ UL Listed
- ✓ 3 to 24 kW
- ✓ Low Watt Density, 15 W/in²
- ✓ 3.5 and 6 Inch 150 lb. steel Flange
- ✓ High Grade Steel Sheath

FEATURES

Heavy coil construction — Watt density on the heating coil is designed for low watt density operation by increasing the coil diameter and length to give maximum coil surface area and limit coil surface temperature, providing longer coil life.



SPECIFICATIONS

Wattage: 3 to 80kW

Power: 240 and 480 VAC, 1 & 3 phase

Watt Density: 15 W/in²

APPLICATIONS

Heating medium viscosity oil — Suitable for heating medium bodied oils such as industrial gear oils or numbers 4 and 5 residual fuel oils. Heating provides low ambient temperature protection, ensuring that oil remains fluid to lubricate effectively and reduce load on gear motor drives.

To Order (Specify Model Number)

kW	Dim. B in (cm)	Wt. lb (kg)	E1 General Purpose Enclosure ¹ Model No. Price	Dim. N. in (cm)	E2 Moisture Resistant/ Explosion Res. Encl. ² Model No. Price	Dim. N in (cm)
3 Inch-150 lbs. Steel Flange, 3 Steel Sheath Elements — 15 W/in²						
3	25 ³ / ₁₆ (64)	17 (8)	TMO-30315/240/ *\$727	1 (3)	TMO-30315E2/240/* \$927	¾ (2)
3	25 ³ / ₁₆ (64)	17 (8)	TMO-30315/480/ *727	1 (3)	TMO-30315E2/480/* 927	¾ (2)
4	33 ³ / ₁₆ (84)	18 (8)	TMO-30415/240/ *818	1 (3)	TMO-30415E2/240/* 1017	¾ (2)
4	33 ³ / ₁₆ (84)	18 (8)	TMO-30415/480/ *818	1 (3)	TMO-30415E2/480/* 1017	¾ (2)
6	48 ³ / ₁₆ (122)	21 (10)	TMO-30615/240/ *965	1 (3)	TMO-30615E2/240/* 1173	¾ (2)
6	48 ³ / ₁₆ (122)	21 (10)	TMO-30615/240/* 965	1 (3)	TMO-30615E2/240/* 1173	¾ (2)

Ordering Example: Model TMO-30315/240, is a 3kW heater powered by 1 phase 240 VAC, \$727.

To Order (Specify Model Number)

kW	Circ. & Ph.	Dim. B in (cm)	Wt. lb (kg)	General Purpose Encl. ¹ Model No. Price	Dim. N in (cm)	E3 Explosion Res. Encl. ² Model No. Price	Dim. N in (cm)	E4 Moisture Res. Encl. ¹ Model No. Price	Dim. N in (cm)
5 Inch-150 Lb. Steel Flange, 6 Stainless Sheath Elements — 15 W/in²									
8	1-3	33 ³ / ₁₆ (84)	33 (15)	TMO-60825/**/3P \$1477	1 (3)	TMO-60825E3/**/3P \$2014	1½ (4)	TMO-60825E4/**/3P \$1929	1 (3)
10	1-3	40 ³ / ₁₆ (103)	34 (15)	TMO-61025/**/3P 1627	1 (3)	TMO-61025E3/**/3P 2167	1½ (4)	TMO-61025E4/**/3P 2086	1 (3)
12	1-3	48 ³ / ₁₆ (122)	37 (17)	TMO-61225/**/3P 1782	1 (3)	TMO-61225E3/**/3P 2320	1½ (4)	TMO-61225E4/**/3P 2232	1 (3)
15	1-3	57 ³ / ₁₆ (145)	40 (18)	TMO-61525/**/3P 2091	1 (3)	TMO-61525E3/**/3P 2541	1½ (4)	TMO-61525E4/**/3P 2541	1 (3)
18	1-3	68 ³ / ₁₆ (173)	43 (20)	TMO-61825/**/3P 2378	1 (3)	TMO-61855E3/**/3P 2914	1½ (4)	TMO-61825E4/**/3P 2822	1 (3)
6 Inch-150 Lb. steel Flange, 12 Cooper Sheath Elements — 15 W/in²									
12	2-3	25 ³ / ₁₆ (64)	67 (30)	TMO-1212F1/**/3P 2687	1 (3)	TMO-1212F1E3/**/3P 3534	1½ (4)	TMO-1212F1E4/**/3P 3280	1½ (4)
16	2-3	33 (84)	76 (34)	TMO-1216F1/**/3P 3035	1 (3)	TMO-1216F1E3/**/3P 3813	1½ (4)	TMO-1216F1E4/**/3P 3533	1½ (4)
20	2-3	40 ³ / ₁₆ (103)	84 (38)	TMO-1220F1/240/3P 3226	2 (5)	TMO-1220F1E3/240/3P 4000	1½ (4)	TMO-1220F1E4/240/3P 3741	1½ (4)
20	2-3	40 ³ / ₁₆ (103)	84 (38)	TMO-1220F1/480/3P 3226	1 (3)	TMO-1220F1E3/480/3P 4000	1½ (4)	TMO-1220F1E4/480/3P 3741	1½ (4)
24	2-3	48 (122)	111 (50)	TMO-1224F1/240/3P 3475	2 (5)	TMO-1224F1E3/240/3P 4241	1½ (4)	TMO-1224F1E4/240/3P 4037	1½ (4)
24	2-3	48 (122)	111 (50)	TMO-1224F1/480/3P 3475	1 (3)	TMO-1224F1E3/480/3P 4241	1½ (4)	TMO-1224F1E4/480/3P 4037	1½ (4)

CAUTION AND WARNING!

Fire and electrical shock may result if products are used improperly or installed or used by non-qualified personnel. See inside back cover for additional warning.