

# IMMERSION HEATERS

## OVER-THE SIDE IMMERSION HEATERS FOR MILDLY CORROSIVE FLUIDS

TLS and KTLS Series  
Starts at

**\$1007**

- ✓ 2 to 18 kW
- ✓ 120, 240, 480V, 1 and 3 Phase
- ✓ Stainless Steel Sheath and Riser Elements
- ✓ Optional Thermostat Kits are Available to Fit into Terminal Box

### FEATURES

These over-the-side immersion heaters are designed for installing in the top of a tank with the heated portion directly immersed along the side or at the bottom. This provides easy removal of the heater and ample working space inside the tank.



### APPLICATIONS

Alkaline cleaners (electrified), alkaline soaking cleaners, copper sulfate, electroless copper, electro cleaners, mild acid baths, wash tanks dip tanks containing alkali, oakite, caustic soda, detergent and other aqueous solutions

### SPECIFICATIONS

Wattage: 2 to 18 kW

Power: 120, 240, 480V, 1 & 3

Watt Density: 40 w/in<sup>2</sup>

### 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 warnings.

TLS-220A-036/120V, \$1007, shown smaller than actual size.



KTLS-220A-036/120V, \$1104, shown smaller than actual size.

**MOST POPULAR MODELS HIGHLIGHTED!**

### To Order (Specify Model Number)

kW	Riser (A) cm (in)	Straight Elements			Curved Elements			Wt. lb (kg)
		Min. Tank Clearance (B)—cm (in)	Model No.	Price	Min. Tank Clearance (B)—cm (in)	Model No.	Price	
<b>Two Elements — Stainless Steel, 40 W/in.<sup>2</sup></b>								
2	91 (36)	31 (12¼)	TLS-220A-036/120	\$1007	27 (10½)	KTLS-220A-036/120	\$1104	8 (4)
2	91 (36)	31 (12¼)	TLS-220A-036/*	1007	27 (10½)	KTLS-220A-036/*	1104	8 (4)
4	91 (36)	57 (22¼)	TLS-240A-036/120	1098	35 (13¾)	KTLS-240A-036/120	1206	8 (4)
4	91 (36)	57 (22¼)	TLS-240A-036/*	1098	35 (13¾)	KTLS-240A-036/*	1206	8 (4)
6	91 (36)	75 (29½)	TLS-260A-036/120	1191	41 (16½)	KTLS-260A-036/120	1306	10 (5)
6	91 (36)	75 (29½)	TLS-260A-036/*	1191	41 (16½)	KTLS-260A-036/*	1306	10 (5)
8	91 (36)	95 (37½)	TLS-280A-036/*	1329	47 (18½)	KTLS-280A-036/*	1353	12 (5)
10	121 (48)	103 (45)	TLS-210A-048/*	1379	54 (21¼)	KTLS-210A-048/*	1442	14 (6)
12	121 (48)	133 (52½)	TLS-212A-048/*	1479	59 (23½)	KTLS-212A-048/*	1531	16 (7)
<b>Three Elements — Stainless Steel, 40 W/in.<sup>2</sup></b>								
3	91 (36)	31 (12¼)	TLS-330A-036/120	\$1143	27 (10½)	KTLS-330A-036/120	\$1260	9 (4)
3	91 (36)	31 (12¼)	TLS-330A-036/240/**	1143	27 (10½)	KTLS-330A-036/240/**	1260	9 (4)
3	91 (36)	31 (12¼)	TLS-330A-036/480/**	1143	27 (10½)	KTLS-330A-036/480/**	1260	9 (4)
6	91 (36)	57 (22¼)	TLS-360A-036/120	1270	35 (13¾)	KTLS-360A-036/120	1397	10 (5)
6	91 (36)	57 (22¼)	TLS-360A-036/240/**	1270	35 (13¾)	KTLS-360A-036/240/**	1397	10 (5)
6	91 (36)	57 (22¼)	TLS-360A-036/480/**	1270	35 (13¾)	KTLS-360A-036/480/**	1397	10 (5)
9	91 (36)	75 (29½)	TLS-390A-036/240/**	1338	41 (16½)	KTLS-390A-036/240/**	1469	12 (5)
9	91 (36)	75 (29½)	TLS-390A-036/480/**	1338	41 (16½)	KTLS-390A-036/480/**	1469	12 (5)
12	121 (48)	95 (37½)	TLS-312A-048/240/**	1440	47 (18½)	KTLS-312A-048/240/**	1582	14 (6)
12	121 (48)	95 (37½)	TLS-312A-048/480/**	1440	47 (18½)	KTLS-312A-048/480/**	1582	14 (6)
15	121 (48)	103 (45)	TLS-315A-048/240/**	1540	54 (21¼)	KTLS-315A-048/240/**	1692	16 (7)
15	121 (48)	103 (45)	TLS-315A-048/480/**	1540	54 (21¼)	KTLS-315A-048/480/**	1692	16 (7)
18	121 (48)	133 (52½)	TLS-318A-048/240/**	1634	60 (23½)	KTLS-318A-048/240/**	1795	18 (8)
18	121 (48)	133 (52½)	TLS-318A-048/480/**	1634	60 (23½)	KTLS-318A-048/480/**	1795	18 (8)

\* Designate voltage, i.e. insert “-240” for 240 for “-480V” for 480 V. \*\* Add the suffix “3P” to the model number for 3 phase power. Optional thermostat kits are available to fit into heater terminal box.

Ordering Examples: TLS-220A-036/240, 2 kW heater powered by 1 phase 240 Vac, \$1007. TLS-330A-036/240/3P, 3 kW heater powered by 3 phase 240 Vac, \$1143.

To Order, Call **1-800-872-4328** or Shop Online at **omega.com<sup>SM</sup>**



#### UNITED STATES

[www.omega.com](http://www.omega.com)  
1-800-TC-OMEGA  
Stamford, CT.

#### CANADA

[www.omega.ca](http://www.omega.ca)  
Laval(Quebec)  
1-800-TC-OMEGA

#### GERMANY

[www.omega.de](http://www.omega.de)  
Deckenpfronn, Germany  
0800-8266342

#### UNITED KINGDOM

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Manchester, England  
0800-488-488

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Guyancourt, France  
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#### CZECH REPUBLIC

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#### BENELUX

[www.omega.nl](http://www.omega.nl)  
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