

# CORROSIVE FLUIDS OVER-THE-SIDE IMMERSION HEATERS

## TLI & KTLI Series

- ✓ Heavy Duty Incoloy Heating Elements
- ✓ Incoloy Riser and Junction Box
- ✓ 2 to 18 kW
- ✓ Optional Thermostat Kits are Available to Fit into Terminal Box

### 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.



TLI



KTLI

### FEATURES

These over-the-side immersion heaters are designed for vessels where through the side immersion heaters cannot be conveniently installed. These heaters are installed through the top of the vessel with the heated portion of the unit along the side or at the bottom of the tank. Natural circulation of the fluid inside the vessel allows for even heat distribution. Terminal houses or lead wires are provided for power connections.

### APPLICATIONS

Alkaline soaking and cleaning copper sulfate, electro cleaners, mild acid baths, wash and dip tanks containing alkali, oakite, caustic soda, detergent and other aqueous solutions.

### SPECIFICATIONS

**Wattage:** 2 to 18 kW  
**Power:** 120, 240 480 V, 1 & 3 phase  
**Watt Density:** 40 W/in<sup>2</sup>

### To Order (Specify Model Number)

kW	Riser (A) in (cm)	Straight Elements			Curved Elements			Wt. lb (kg)
		Min. Tank Clearance (B)-in (cm)	Model No.	Price	Min. Tank Clearance (B)-in (cm)	Model No.	Price	
<b>Two Elements — Incoloy, 40 W/in.<sup>2</sup></b>								
2	36 (91)	12¼ (31)	TLI-220A-036/120	\$799	10½ (27)	KTLI-220A-036/120	\$881	8 (4)
2	36 (91)	12¼ (31)	TLI-220A-036/*	799	10½ (27)	KTLI-220A-036/*	881	8 (4)
4	36 (91)	22¼ (57)	TLI-240A-036/120	876	13¾ (35)	KTLI-240A-036/120	963	8 (4)
4	36 (91)	22¼ (57)	TLI-240A-036/*	876	13¾ (35)	KTLI-240A-036/*	963	8 (4)
6	36 (91)	29½ (75)	TLI-260A-036/*	951	16⅞ (41)	KTLI-260A-036/*	1039	10 (5)
8	36 (91)	37¾ (95)	TLI-280A-036/*	1062	18⅝ (47)	KTLI-280A-036/*	1078	12 (5)
10	48 (121)	45 (103)	TLI-210A-048/*	1102	21¼ (54)	KTLS-210A-048/*	1150	14 (6)
12	48 (121)	52½ (133)	TLI-212A-048/*	1173	23½ (59)	KTLS-212A-048/*	1223	16 (7)
<b>Three Elements — Incoloy, 40 W/in.<sup>2</sup></b>								
3	36 (91)	12¼ (31)	TLI-330A-036/120	910	10½ (27)	KTLI-330A-036/120	1004	9 (4)
3	36 (91)	12¼ (31)	TLI-330A-036/240/**	910	10½ (27)	KTLI-330A-036/240/**	1004	9 (4)
3	36 (91)	12¼ (31)	TLI-330A-036/480/**	910	10½ (27)	KTLI-330A-036/480/**	1004	9 (4)
6	36 (91)	22¼ (57)	TLI-360A-036/120	1012	13¾ (35)	KTLI-360A-036/120	1112	10 (5)
6	36 (91)	22¼ (57)	TLI-360A-036/240/**	1012	13¾ (35)	KTLI-360A-036/240/**	1112	10 (5)
6	36 (91)	22¼ (57)	TLI-360A-036/480/**	1012	13¾ (35)	KTLI-360A-036/480/**	1112	10 (5)
9	36 (91)	29½ (75)	TLI-390A-036/240/**	1065	16⅞ (41)	KTLI-390A-036/240/**	1172	12 (5)
9	36 (91)	29½ (75)	TLI-390A-036/480/**	1065	16⅞ (41)	KTLI-390A-036/480/**	1172	12 (5)
12	48 (121)	37¾ (95)	TLI-312A-048/240/**	1173	18⅝ (47)	KTLI-312A-048/240/**	1263	14 (6)
12	48 (121)	37¾ (95)	TLI-312A-048/480/**	1173	18⅝ (47)	KTLI-312A-048/480/**	1263	14 (6)
15	48 (121)	45 (103)	TLI-315A-048/240/**	1233	21¼ (54)	KTLI-315A-048/240/**	1351	16 (7)
15	48 (121)	45 (103)	TLI-315A-048/480/**	1233	21¼ (54)	KTLI-315A-048/480/**	1351	16 (7)
18	48 (121)	52½ (133)	TLI-318A-048/240/**	1306	23½ (60)	KTLI-318A-048/240/**	1430	18 (8)
18	48 (121)	52½ (133)	TLI-318A-048/480/**	1306	23½ (60)	KTLI-318A-048/480/**	1430	18 (8)

\* Designate voltage, i.e. insert 240 for 240 V for 480 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 Example:** Model TLI-220A-036/480 is a 2 kW heater powered by 1 phase 240 Vac, \$799.

**Ordering Example:** Model TLI-330A-036/2403P is a 3 kW heater powered by 3 phase 240 Vac, \$910.

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