

CORROSIVE FLUIDS OVER-THE-SIDE IMMERSION HEATERS



TLI & KTLI Series
Starts at

\$1100

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

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.

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.

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, 480V, 1 and 3 phase
Watt Density: 40 W/in²



 MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)								
		Straight Elements				Curved Elements		
kW	Riser (A) in (cm)	Min. Tank Clearance (B) in (cm)	Model No.	Price	Min. Tank Clearance (B) in (cm)	Model No.	Price	Wt. lb (kg)
Two Elements—Incoloy, 40 W/in²								
2	36 (91)	12¼ (31)	TLI-220A-036/120	\$1100	10% (27)	KTLI-220A-036/120	\$1250	8 (4)
2	36 (91)	12¼ (31)	TLI-220A-036/*	1100	10% (27)	KTLI-220A-036/*	1250	8 (4)
4	36 (91)	22¼ (57)	TLI-240A-036/120	1250	13¾ (35)	KTLI-240A-036/120	1350	8 (4)
4	36 (91)	22¼ (57)	TLI-240A-036/*	1250	13¾ (35)	KTLI-240A-036/*	1350	8 (4)
6	36 (91)	29½ (75)	TLI-260A-036/*	1350	16% (41)	KTLI-260A-036/*	1450	10 (5)
8	36 (91)	37% (95)	TLI-280A-036/*	1500	18% (47)	KTLI-280A-036/*	1500	12 (5)
10	48 (121)	45 (103)	TLI-210A-048/*	1550	21¼ (54)	KTLS-210A-048/*	1600	14 (6)
12	48 (121)	52½ (133)	TLI-212A-048/*	1650	23½ (59)	KTLS-212A-048/*	1700	16 (7)
Three Element—Incoloy, 40 W/in²								
3	36 (91)	12¼ (31)	TLI-330A-036/120	\$1300	10% (27)	KTLI-330A-036/120	\$1400	9 (4)
3	36 (91)	12¼ (31)	TLI-330A-036/240/**	1300	10% (27)	KTLI-330A-036/240/**	1400	9 (4)
3	36 (91)	12¼ (31)	TLI-330A-036/480/**	1400	10% (27)	KTLI-330A-036/480/**	1400	9 (4)
6	36 (91)	22¼ (57)	TLI-360A-036/120	1400	13¾ (35)	KTLI-360A-036/120	1550	10 (5)
6	36 (91)	22¼ (57)	TLI-360A-036/240/**	1400	13¾ (35)	KTLI-360A-036/240/**	1550	10 (5)
6	36 (91)	22¼ (57)	TLI-360A-036/480/**	1400	13¾ (35)	KTLI-360A-036/480/**	1550	10 (5)
9	36 (91)	29½ (75)	TLI-390A-036/240/**	1500	16% (41)	KTLI-390A-036/240/**	1650	12 (5)
9	36 (91)	29½ (75)	TLI-390A-036/480/**	1500	16% (41)	KTLI-390A-036/480/**	1650	12 (5)
12	48 (121)	37% (95)	TLI-312A-048/240/**	1600	18% (47)	KTLI-312A-048/240/**	1800	14 (6)
12	48 (121)	37% (95)	TLI-312A-048/480/**	1600	18% (47)	KTLI-312A-048/480/**	1800	14 (6)
15	48 (121)	45 (103)	TLI-315A-048/240/**	1750	21¼ (54)	KTLI-315A-048/240/**	1900	16 (7)
15	48 (121)	45 (103)	TLI-315A-048/480/**	1750	21¼ (54)	KTLI-315A-048/480/**	1900	16 (7)
18	48 (121)	52½ (133)	TLI-318A-048/240/**	1850	23½ (60)	KTLI-318A-048/240/**	2000	18 (8)
18	48 (121)	52½ (133)	TLI-318A-048/480/**	1850	23½ (60)	KTLI-318A-048/480/**	2000	18 (8)

* Designate voltage, i.e. insert 240 for 240 V for 480 for 480 V.

Optional thermostat kits are available to fit into heater terminal box.

** Add the suffix "3P" to the model number for 3 phase power.

Ordering Examples: TLI-220A-036/480, 2 kW heater powered by 1 phase 240 Vac, \$1100.

TLI-330A-036/2403P, 3 kW heater powered by 3 phase 240 Vac, \$1350.



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• pH and Conductivity

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters