

## OVER-THE-SIDE IMMERSION HEATERS FOR CLEAN WATER APPLICATIONS

### TLC and KTLC Series



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

### FEATURES

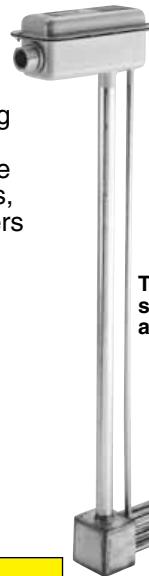
These heaters are lightweight and portable and provide convenient solutions to many heating applications. TLC Series heaters have two or three straight heating elements, while KTLC Series heaters have two or three curved heating elements.

### APPLICATIONS

For clean water heating applications (pH 6 to 8).

### SPECIFICATIONS

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



TLC-220A-036/120V shown smaller than actual size.



KTLC-220A-036/120V shown smaller than actual size.

### 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.

### To Order

kW	Riser (A) cm (in)	Straight Elements		Curved Elements		Weight lb (kg)
		Min. Tank Clearance (B)—cm (in)	Model No.	Min. Tank Clearance (B)—cm (in)	Model No.	
<b>Two Elements — Copper, 40 W/in.<sup>2</sup></b>						
2	91 (36)	31 (12¼)	TLC-220A-036/120	27 (10⅝)	KTLC-220A-036/120	7 (3)
2	91 (36)	31 (12¼)	TLC-220A-036/*	27 (10⅝)	KTLC-220A-036/*	7 (3)
4	91 (36)	57 (22¼)	TLC-240A-036/120	35 (13¾)	KTLC-240A-036/120	9 (4)
4	91 (36)	57 (22¼)	TLC-240A-036/*	35 (13¾)	KTLC-240A-036/*	9 (4)
6	91 (36)	75 (29½)	TLC-260A-036/*	41 (16⅝)	KTLC-260A-036/*	9 (4)
6	121 (48)	75 (29½)	TLC-260TI-048/240	—	—	11 (5)
8	91 (36)	95 (37¾)	TLC-280A-036/*	47 (18⅝)	KTLC-280A-036/*	11 (5)
10	121 (48)	103 (45)	TLC-210A-048/*	54 (21¼)	KTLC-210A-048/*	14 (6)
12	121 (48)	133 (52½)	TLC-212A-048/*	59 (23½)	KTLC-212A-048/*	16 (7)
<b>Three Elements — Copper, 40 W/in.<sup>2</sup></b>						
3	91 (36)	31 (12¼)	TLC-330A-036/120	27 (10⅝)	KTLC-330A-036/120	12 (5)
3	91 (36)	31 (12¼)	TLC-330A-036/240/**	27 (10⅝)	KTLC-330A-036/240/**	12 (5)
3	91 (36)	31 (12¼)	TLC-330A-036/480/**	27 (10⅝)	KTLC-330A-036/480/**	12 (5)
6	91 (36)	57 (22¼)	TLC-360A-036/120	35 (13¾)	KTLC-360A-036/120	12 (5)
6	91 (36)	57 (22¼)	TLC-360A-036/240/**	35 (13¾)	KTLC-360A-036/240/**	12 (5)
6	91 (36)	57 (22¼)	TLC-360A-036/480/**	35 (13¾)	KTLC-360A-036/480/**	12 (5)
9	91 (36)	75 (29½)	TLC-390A-036/240/**	41 (16⅝)	KTLC-390A-036/240/**	13 (6)
9	91 (36)	75 (29½)	TLC-390A-036/480/**	41 (16⅝)	KTLC-390A-036/480/**	13 (6)
12	121 (48)	95 (37¾)	TLC-312A-048/240/**	47 (18⅝)	KTLC-312A-048/240/**	16 (8)
12	121 (48)	95 (37¾)	TLC-312A-048/480/**	47 (18⅝)	KTLC-312A-048/480/**	16 (8)
15	121 (48)	103 (45)	TLC-315A-048/240/**	54 (21¼)	KTLC-315A-048/240/**	17 (8)
15	121 (48)	103 (45)	TLC-315A-048/480/**	54 (21¼)	KTLC-315A-048/480/**	17 (8)
18	121 (48)	133 (52½)	TLC-318A-048/240/**	60 (23½)	KTLC-318A-048/240/**	18 (8)
18	121 (48)	133 (52½)	TLC-318A-048/480/**	60 (23½)	KTLC-318A-048/480/**	18 (8)

\* To designate voltage, insert “-240V” for 240V or “-480V” for 480V. \*\* Add the suffix “3P” to model number for 3 phase power.

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

Ordering Examples: TLC-220A-036/240V, 2 kW heater powered by 1 phase 240 Vac.

TLC-330A-036/240V/3P, 3 kW heater powered by 3 phase 240 Vac.