

# PIPE INSERT HEATERS

MTO-LT Series  
Starts at

**\$1398**



- ✓ For Insertion into 2" (5 cm) or Larger Pipe
- ✓ Moisture/Explosion Resistant Enclosure\*
- ✓ 14 to 13 kW
- ✓ 240 and 480 V, 1 Phase
- ✓ 2 NPT Steel Screw Plug
- ✓ Lengths to 347"
- ✓ Incoloy Sheath Heating Elements

\*Not intended for use in hazardous areas.

## APPLICATIONS

For use in those applications where process materials can be heated by inserting heater into a 2" (5 cm) or larger pipe. A pipe union will facilitate installation and eliminate the need for twisting the elements inside the pipe. Clearance room should be considered.

## FEATURES

**Choice of materials and surface loadings (W/in<sup>2</sup>)** permit operating in the dead air space of pipes, tubes, or channels.

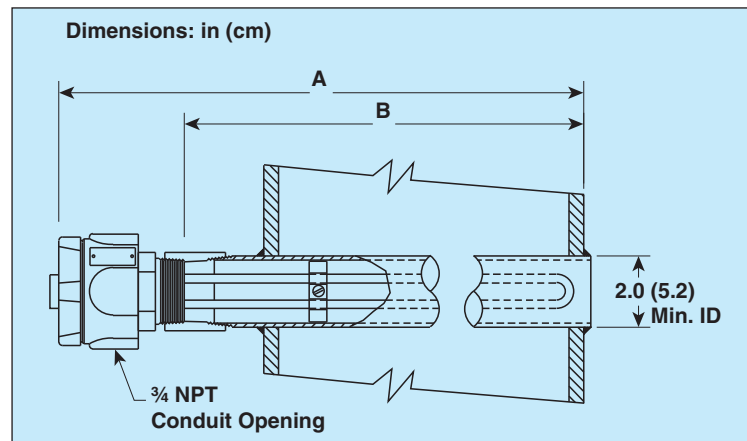
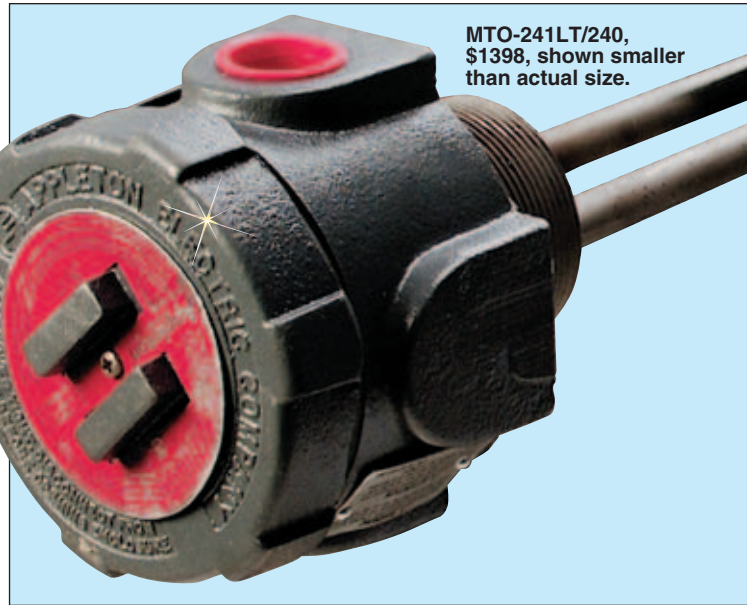
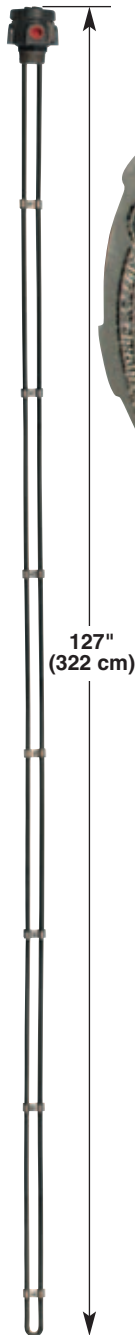
**Avoids "coking" or charring asphalt or other heat sensitive materials** as the pipe surface functions as a low density heat transfer surface.

**Corrosion problems alleviated** by lower heat intensity.

**Install or remove** without draining the pipe.

**Liquid-tight terminal housing.**

**Low watt density.**



## 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.

**Note:** Controls for use with this heater are not included. This immersion heater should be used with an approved temperature control device to assure safe operation. Visit [omega.com/guides/temperaturecontrollers.html](http://omega.com/guides/temperaturecontrollers.html) for our complete selection of controllers.

**MOST POPULAR MODELS HIGHLIGHTED!**

To Order (Specify Model Number)									
Model No.	Price	kW*	Volts	Phase	W/in <sup>2</sup>	Dimensions—in. (cm)		Std. Pipe Thd. in. (cm)	Weight lb (kg)
						A	B		
MTO-241LT/240	\$1398	4	240	1	11.7	127 (322)	120 (305)	2 (5)	12 (5)
MTO-241LT/480	1398	4	480	1	11.7	127 (322)	120 (305)	2 (5)	12 (5)
MTO-251LT/240	1695	5	240	1	11.1	163 (414)	156 (396)	2 (5)	16 (7)
MTO-251LT/480	1695	5	480	1	11.1	163 (414)	156 (396)	2 (5)	16 (7)
MTO-275LT/240	2121	7.5	240	1	12.7	211 (536)	204 (518)	2 (5)	22 (10)
MTO-275LT/480	2121	7.5	480	1	12.7	211 (536)	204 (518)	2 (5)	22 (10)
MTO-212LT/240	3034	11.5	240	1	12.9	319 (810)	312 (792)	2 (5)	36 (16)
MTO-213LT/480	3467	13	480	1	12.5	367 (932)	360 (914)	2 (5)	42 (19)

\* Higher kW available – consult OMEGALUX®.

**Ordering Examples:** MTO-241LT/240, 1 phase, 4 kW pipe insert heater, \$1398.

MTO-251LT/240, 1 phase, 5 kW pipe insert heater, \$1695.

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