

# HEAVY-DUTY IMMERSION HEATER FOR PROCESS WATER—2 NPT FITTING

MTS-2 Series  
Starts at  
**\$505**



NRTL/C

- ✓ NEMA 1 (IP00) Rated, UL Listed General Purpose Enclosure
- ✓ Premium-Quality Passivated Stainless Steel Wetted Parts
- ✓ 1.5 to 15 kW
- ✓ 120, 280, 240, and 480V, 1-Phase

The OMEGALUX® MTS-2 Series process water immersion heater is available for applications with mild acid or alkaline conditions. The passivated stainless steel construction allows complete compatibility.

**Note:** This immersion heater should be used with an approved temperature control device to assure safe operation. See Section P for our selection of process controllers.

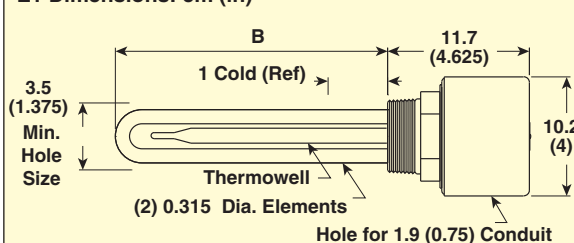
## SPECIFICATIONS

**Wattage:** 1.5 to 15 kW  
**Power:** 120, 208, 240 or 480V; 1-phase  
**Sheath:** 1.2 cm (0.475") diameter passivated stainless steel  
**Enclosure:** General purpose, NEMA 1 rated<sup>1</sup> or E2 moisture-resistant/explosion-resistant enclosure<sup>2</sup>

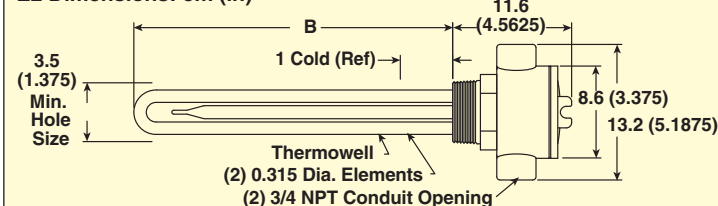
### CAUTION AND WARNING!

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.

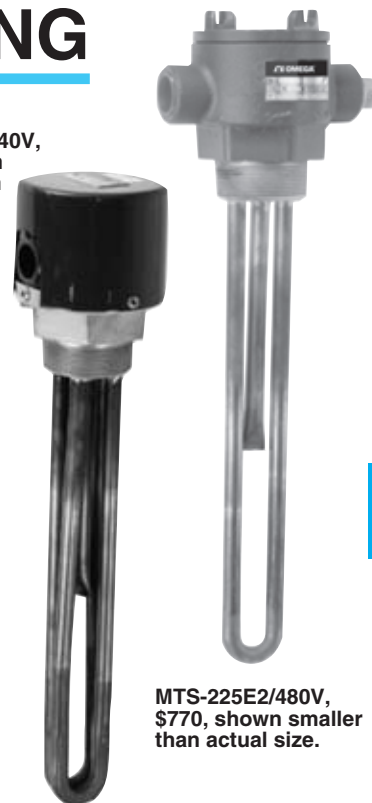
### E1 Dimensions: cm (in)



### E2 Dimensions: cm (in)



MTS-240A/240V,  
\$622, shown  
smaller than  
actual size.



MTS-225E2/480V,  
\$770, shown smaller than actual size.

F

**MOST POPULAR MODELS HIGHLIGHTED!**

## To Order (Specify Model Number)

| kW  | W/in <sup>2</sup> | No. Htg. Elem. | Dim. B cm (in)                        | E1 General Purpose Enclosure <sup>1</sup> |       |            | E2 Moist/Explos-Res Encl <sup>2</sup> |       |            |
|-----|-------------------|----------------|---------------------------------------|-------------------------------------------|-------|------------|---------------------------------------|-------|------------|
|     |                   |                |                                       | Model No.                                 | Price | Wt kg (lb) | Model No.                             | Price | Wt kg (lb) |
| 1.5 | 48                | 1              | 29 (11 <sup>1</sup> / <sub>16</sub> ) | MTS-215A/*                                | \$520 | 1 (3)      | MTS-215E2/*                           | \$755 | 3 (6)      |
| 2   | 48                | 1              | 44 (17 <sup>1</sup> / <sub>2</sub> )  | MTS-220A/*                                | 560   | 2 (4)      | MTS-220E2/*                           | 794   | 3 (7)      |
| 2   | 51                | 2              | 19 (7 <sup>1</sup> / <sub>2</sub> )   | MTS-220-3A/*                              | 505   | 2 (4)      | MTS-220-3E2/*                         | 740   | 3 (7)      |
| 2.5 | 47                | 2              | 23 (9)                                | MTS-225A/**                               | 536   | 2 (4)      | MTS-225E2/**                          | 770   | 3 (7)      |
| 3   | 43                | 2              | 29 (11 <sup>1</sup> / <sub>2</sub> )  | MTS-230A/*                                | 570   | 2 (5)      | MTS-230E2/*                           | 804   | 4 (8)      |
| 4   | 44                | 2              | 44 (17 <sup>1</sup> / <sub>2</sub> )  | MTS-240A/*                                | 622   | 2 (5)      | MTS-240E2/*                           | 857   | 4 (8)      |
| 5   | 45                | 2              | 48 (19)                               | MTS-250A/*                                | 673   | 2 (5)      | MTS-250E2/*                           | 908   | 4 (8)      |
| 6   | 46                | 2              | 62 (24 <sup>1</sup> / <sub>2</sub> )  | MTS-260A/***                              | 723   | 2 (5)      | MTS-260E2/***                         | 958   | 4 (8)      |
| 7   | 46                | 2              | 70 (27 <sup>1</sup> / <sub>2</sub> )  | MTS-270A/****                             | 777   | 3 (6)      | MTS-270E2/****                        | 1011  | 5 (9)      |
| 10  | 46                | 2              | 102 (40)                              | MTS-2100A/***                             | 936   | 4 (8)      | MTS-2100E2/***                        | 1171  | 5 (11)     |
| 12  | 50                | 2              | 121 (48)                              | MTS-2120A/***                             | 1043  | 4 (8)      | MTS-2120E2/***                        | 1277  | 5 (11)     |
| 15  | 50                | 2              | 137 (54)                              | MTS-2150/****                             | 1169  | 4 (8)      | MTS-2150E2/****                       | 1404  | 5 (11)     |

\* Designate voltage: insert "120V" for 120 Vac, "208V" for 208 Vac, "240V" for 240 Vac or "480V" for 480 Vac.

\*\* Designate voltage: insert "120V" for 120 Vac, "240V" for 240 Vac or "480V" for 480 Vac.

\*\*\* Designate voltage: insert "208V", "240V" or "480V" for required voltage.

\*\*\*\* Designate voltage: insert "240V" or "480V" for required voltage.

<sup>1</sup> Heaters with general purpose enclosures are UL listed and CSA certified except models that exceed 48 A.

<sup>2</sup> Heaters with moisture-resistant/explosion-resistant enclosures are CSA NRTL/C certified except models that exceed 48 A.

**Ordering Examples:** MTS-240A/240V, 4 kW, 2 NPT immersion heater with general purpose enclosure, \$622.

MTS-230E2/208V, 3 kW, 2 NPT immersion heater with general purpose enclosure, \$804.

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