

# SOLUTION WATER IMMERSION HEATER—2½ NPT FITTING AND 3-ELEMENT CONSTRUCTION

## MTI-3 Series

Starts at

# \$650



NRTL/C

- ✓ **NEMA 1 (IP00) Rated, E1 General Purpose Enclosure or Moisture-Resistant/Explosion-Resistant Enclosure<sup>2</sup>**
- ✓ **Premium-Quality Stainless Steel Screw Plug**
- ✓ **240 and 480 V, 3-Phase**
- ✓ **3 to 18 kW**
- ✓ **Incloy Sheath Provides Excellent Corrosion Resistance for Solution Water Applications**

The MTI-3 Series screw plug immersion heaters are designed for direct contact heating in solution water applications.

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

MTI-330A/240, \$650,  
shown smaller than  
actual size.

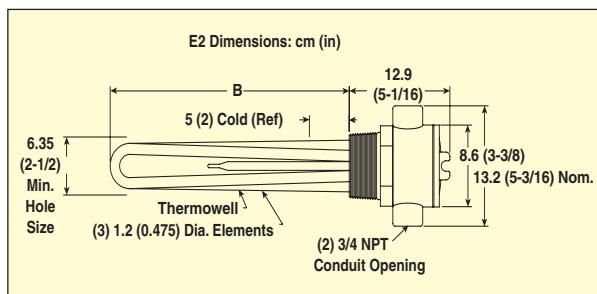
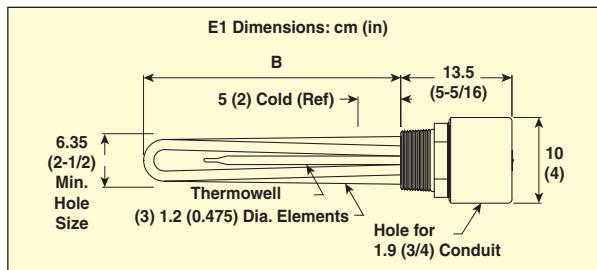


MTI-330E2/480, \$843,  
shown smaller than  
actual size.



## SPECIFICATIONS

**Wattage:** 3 to 18 kW  
**Power:** 240 or 480 V, 3-phase  
**Watt Density:** 46 to 53 W/in<sup>2</sup>  
**Sheath:** 1.2 cm (0.475") diameter Incloy  
**Screw Plug:** 2½ NPT stainless steel  
**Enclosures:** E1 general purpose  
 NEMA 1 (IP00) rated or type E2  
 moisture-resistant/explosion-resistant  
 enclosure.<sup>2</sup>



## MOST POPULAR MODELS HIGHLIGHTED!

### To Order (Specify Model Number)

| kW  | W/in <sup>2</sup> | No. Htg. Elemt. | Dim. B<br>cm (in) | E1 General Purpose Enclosure <sup>1</sup> |       |                | E2 Moisture/Explosion-Resis. Encl. <sup>2</sup> |       |                |
|-----|-------------------|-----------------|-------------------|---|-------|----------------|---|-------|----------------|
|     |                   |                 |                   | Model No.                                 | Price | Wt.<br>kg (lb) | Model No.                                       | Price | Wt.<br>kg (lb) |
| 3   | 51                | 3               | 17 (6⅝)           | MTI-330A/*                                | \$650 | 2 (5)          | MTI-330E2/*                                     | \$843 | 3 (8)          |
| 4.5 | 48                | 3               | 28 (10⅜)          | MTI-345A/*                                | 736   | 3 (6)          | MTI-345E2/*                                     | 924   | 3 (9)          |
| 6   | 48                | 3               | 43 (17⅛)          | MTI-360A/*                                | 809   | 3 (6)          | MTI-360E2/*                                     | 999   | 3 (9)          |
| 7.5 | 53                | 3               | 49 (19⅓)          | MTI-375A/*                                | 907   | 3 (6)          | MTI-375E2/*                                     | 1100  | 3 (9)          |
| 9   | 47                | 3               | 62 (24⅓)          | MTI-390A/*                                | 1008  | 3 (7)          | MTI-390E2/*                                     | 1201  | 4 (10)         |
| 12  | 46                | 3               | 83 (32⅓)          | MTI-3120A/*                               | 1206  | 4 (9)          | MTI-3120E2/*                                    | 1398  | 4 (12)         |
| 15  | 46                | 3               | 100 (39%)         | MTI-3150A/*                               | 1399  | 5 (10)         | MTI-3150E2/*                                    | 1589  | 4 (13)         |
| 18  | 51                | 3               | 121 (47%)         | MTI-3180A/*                               | 1579  | 5 (12)         | MTI-3180E2/*                                    | 1760  | 5 (15)         |

<sup>1</sup>Designate voltage: "240" for 240 Vac or "480" for 480 Vac.

<sup>2</sup>Heaters with general purpose enclosures are UL listed and CSA certified.

<sup>2</sup>Heaters with moisture-resistant/explosion-resistant enclosures are CSA NRTL/C certified and are not intended for use in hazardous areas.

**Ordering Example:** MTI-330A/480, 3 kW heater powered by 480 Vac, \$650.



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