Universal 2000 TRH Wiring Options

Radiant Process Heaters

TRH3 (page 7-78) and TRH5 (page 7-80) Standard Single-End Wiring

Attach properly rated line input wires to all terminals of the element using the Ni-Steel ring crimp connectors provided. Solid or stranded conductors can be used.

To external wiring connections in remote junction box in area not exceeding 300°F (for copper wire)

1 Phase line voltage input with ground

TRH4 (page 7-79) and TRH6 (page 7-81) Standard Double-End Wiring

NOTE: This is the only option available for TRH 6 series.

Attach properly rated line input wires to all terminals of the element using the Ni-Steel ring crimp connectors provided. Solid or stranded conductors can be used.

1 Phase line voltage

1 Phase line voltage input with ground

Wiring Options

Prewired with Plain Leads, Armor Cable or Wire Braid (includes ground wire)
- Stainless steel armor cable — 18” armor cable over 24” leads
- Galvanized armor cable — 18” armor cable over 24” leads
- Stainless steel wire braid — 18” wire braid over 24” leads
- Fiberglass leads (450°C rating) — 12” long plain leads

If longer leads and/or longer armor cable are required, specify when ordering.

Prewired with 24” SJO Cable (includes ground wire)
- 16 ga. cable (Up to 15 Amps)
- 14 ga. cable (Up to 22 Amps Max.)
- 12 ga. cable (Up to 28 Amps Max.)
- Max. terminal box temperature 194°F (90°C)
- If longer cable is required, specify when ordering.

Stock Heavy Duty Quick Disconnect Plugs and Connectors

<table>
<thead>
<tr>
<th>Reference</th>
<th>NEMA P or R</th>
<th>Max. Amps</th>
<th>Volts</th>
<th>Plug Part Number</th>
<th>Connectors (Female) Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>P3 straight</td>
<td>L5-15</td>
<td>15A</td>
<td>125V</td>
<td>EHD-102-103</td>
<td>EHD-102-102</td>
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<tr>
<td>P4 twist lock</td>
<td>L5-15</td>
<td>15A</td>
<td>125V</td>
<td>EHD-102-113</td>
<td>EHD-103-104</td>
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<tr>
<td>P6 twist lock</td>
<td>L6-20</td>
<td>20A</td>
<td>250V</td>
<td>EHD-102-122</td>
<td>EHD-103-105</td>
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<tr>
<td>P7 twist lock</td>
<td>L6-30</td>
<td>30A</td>
<td>250V</td>
<td>EHD-102-126</td>
<td>EHD-103-125</td>
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</tbody>
</table>

Notes: Optional Electrical Plugs listed can be attached to armor cable or SJO cord described under wiring options above.

Connectors listed are cable mount matching units for the plugs listed and are ordered separately.