TOUCH SAFE HEATERS

MODEL SELECTION:

- Determine the surface area of the enclosure in square feet.
- Select the Touch Safe Heater unit from the chart based on square feet of the enclosure.
- Units should be installed in the lower quarter of the enclosure.
- When enclosure width is greater than height, two smaller units will heat the area more efficiently than one larger unit.

SURFACE AREA EQUATION:

\[ \text{FT}^2 = \frac{2[(\text{Height} \times \text{Width}) + (\text{Height} \times \text{Depth}) + (\text{Width} \times \text{Depth})]}{144} \]

## CIRCUIT DIAGRAM

- HEATER ELEMENT
- SUPPLY CONNECTOR

NOTES

- All heaters are delivered with a DIN rail Clip 1.37”.
- Maximum Surface Temperature on casting: 80°C/176°F.
- 4.75” Minimum Thermal Safety gap required above or to side of this device.

### MODEL SELECTION CHART

<table>
<thead>
<tr>
<th>FT² AREA</th>
<th>TSH-25</th>
<th>TSH-50</th>
<th>TSH-75</th>
<th>TSH-100</th>
<th>TSH-150</th>
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<tr>
<td>0 – 8</td>
<td>One</td>
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<tr>
<td>9 – 16</td>
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<tr>
<td>17 – 24</td>
<td>One</td>
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</tr>
<tr>
<td>25 – 32</td>
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<tr>
<td>33 – 40</td>
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<td>41 – 48</td>
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<tr>
<td>49 – 56</td>
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<tr>
<td>89 – 120</td>
<td>One</td>
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