Model HL-4-##S Tank Heater

<table>
<thead>
<tr>
<th>Standard Model</th>
<th>Surface Area</th>
<th>Displacement</th>
<th>Weight (Dry)</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>HL-4-12.5S</td>
<td>250 ft²</td>
<td>2.20 ft³</td>
<td>440 lbs.</td>
<td>13'-6(\frac{5}{8})'</td>
</tr>
<tr>
<td>HL-4-25S</td>
<td>500 ft²</td>
<td>4.15 ft³</td>
<td>820 lbs.</td>
<td>26'-1(\frac{1}{8})'</td>
</tr>
</tbody>
</table>

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**NOTES**

TANK HEATER WILL FIT THROUGH MANWAY WITH MINIMUM INSIDE DIAMETER OF 23".

COAT BUTT WELD SURFACES WITH DEOXY ALUMINATE AND PROTECT WITH PLASTIC PIPE CAPS PRIOR TO SHIPMENT.

DESIGN CONDITIONS WILL BE PER DATASHEET.

SUPPORTS CAN BE MODIFIED TO MEET SPECIAL CONDITIONS.

TANK HEATER IS DESIGNED PER ASME BPVC SECTION VIII DIVISION 1. UNIT MAY BE CODE STAMPED IF REQUIRED.

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**DESIGN CONDITIONS**  
(KHT Standard Designs)

- **Design Pressure**: 650 PSIG
- **Hydro Test Pressure (Shop)**: 845 PSIG
- **Metal Temp.**: -20/650 °F
- **Corrosion Allowance**: 1\(\frac{1}{16}\)" (except fins)

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LONGITUDINAL FINS ARE PERFORATED TO ALLOW FOR BETTER FLOW AROUND TUBE. SKETCH SHOWS CROSS SECTION OF ONE (1) TUBE AND TWO (2) FINS ON TUBE.