Full Buried Tube Liquid Cold Plates

Wakefield- Vette’s fully buried tube liquid cold plates have the ability to cool both sides of the cold plate because of it’s positioning within the base plate. Another key feature of the fully buried tube is that it is not exposed to the outside environment. Some engineers prefer the epoxy layer above the tube to protect the tube from leakage.

**Key Specifications:**
- Base Plate: Extruded Aluminum
- Copper Tube Material: .375” OD x .049” wall
- Thermal Epoxy fill with high thermal conductivity

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>&quot;X&quot; Dimension Inches</th>
<th>Passes</th>
<th>Figure</th>
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<tbody>
<tr>
<td>120959</td>
<td>Fully Buried Tube 2- Pass Coldplate</td>
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<td>120960</td>
<td>Fully Buried Tube 4- Pass Coldplate</td>
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</tbody>
</table>

**2 Pass**

**Thermal Performance:**

![Graph showing thermal performance](image-url)
Full Buried Tube Liquid Cold Plates

4 Pass
Thermal Performance:

6 Pass
Thermal Performance:
Full Buried Tube Liquid Cold Plates

Figure #1
- #120959

Figure #2
- #120960 & #120961
Full Buried Tube Liquid Cold Plates

Figure #3
• #120962

Figure #4
• #120963
Custom Full Buried Tube Liquid Cold Plates Available

Contact our Engineers:
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