TECA model TLC³ cooling cubes are thermoelectric cooling "engines" that the engineer or designer can use in OEM systems. Generally these are made in 100, 200 and 300 Watts capacity range, they work with a variety of fans. Small or large quantities available. Have TECA engineers help you select the best fit for your application.
**PERFORMANCE CURVE**

```
<table>
<thead>
<tr>
<th>Cooling Capacity (BTU/HR)</th>
<th>0</th>
<th>171</th>
<th>341</th>
<th>512</th>
<th>683</th>
<th>854</th>
<th>1024</th>
<th>1195</th>
<th>1366</th>
</tr>
</thead>
<tbody>
<tr>
<td>delta T (°C) Ambient to Fluid Supply</td>
<td>0</td>
<td>-5</td>
<td>-10</td>
<td>-15</td>
<td>-20</td>
<td>-25</td>
<td>-30</td>
<td>-35</td>
<td>-40</td>
</tr>
</tbody>
</table>
```

**DIMENSIONS**

- **Small TLC³ chiller**
  - Housing and fan shown for reference
  - Optional Fan and Housing
  - Barb fittings for 3/8 I.D. hose
- **Medium TLC³ chiller**
  - Housing and fan shown for reference
- **Large TLC³ chiller**
  - Housing and fan shown for reference
  - Dimensions: Inches [Millimeters]

**FLOW CHARACTERISTICS**

```
<table>
<thead>
<tr>
<th>Flow (Liter/Min)</th>
<th>0</th>
<th>0.5</th>
<th>1</th>
<th>1.5</th>
<th>2</th>
<th>2.5</th>
<th>3</th>
<th>3.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pressure Differential (PSI)</td>
<td>0</td>
<td>0.1</td>
<td>0.2</td>
<td>0.3</td>
<td>0.4</td>
<td>0.5</td>
<td>0.6</td>
<td>0.7</td>
</tr>
</tbody>
</table>
```

- Small Cube
- Medium Cube
- Large Cube

Ambient Air Path

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