**Part Codes**

ETC-30 Solar Collector Complete is comprised of:
- 1 x ETC-30-KIT (Manifold and standard frame)
- 3 x BOX-ET/HP-10/10 (Tubes and heat pipes)

**Applications**

The Apricus ETC-30 collector is designed to be used in a wide variety of solar thermal (heat) applications in almost any climate. The evacuated tube and heat pipe technology provides very efficient and reliable solar thermal production in a simple to install design.

**Materials of Construction**

- Evacuated Tubes: Borosilicate 3.3 Glass
- Absorber: Cu-AL/N-SS
- Heat Pipes: High purity copper
- Rubber Components: HTV Silicone Rubber
- Mounting Frame: 6005-T5 Anodized Aluminum
- Manifold Casing: 3003 AL, PVDF coating

**Flow Guidelines**

- Recommended Flow Rate: 0.5 gpm
- Max Flow Rate: 4 gpm
- Heat Transfer Liquid: Water or 50% Glycol/water

**Physical Specifications**

- Dimensions (WxHxD): 78.9" x 86.4" x 5.35"
- Aperture Area: 30.77 ft²
- Gross Area: 47.33 ft²
- Gross Dry Weight: 209 lbs
- Fluid Capacity: 0.2 gal
- Max Operating Pressure: 116 psi
- Stagnation Temperature: 442 °F

**Warranty**

- 10 year limited warranty on tubes and heat pipes
- 15 year limited warranty on copper header and mounting frame

**Certifications**

- SRCC OG-100: 10001909
- USEC: S-5995
- NSF-61 Tested: 17248

**OG-100 Performance Ratings**

<table>
<thead>
<tr>
<th>Climate Category (Ti-Ta)</th>
<th>High Radiation (2000 Btu/ft²/day)</th>
<th>Medium Radiation (1500 Btu/ft²/day)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A (-9°F)</td>
<td>45.3</td>
<td>34.2</td>
</tr>
<tr>
<td>B (9°F)</td>
<td>43.7</td>
<td>32.6</td>
</tr>
<tr>
<td>C (36°F)</td>
<td>40.9</td>
<td>29.8</td>
</tr>
<tr>
<td>D (90°F)</td>
<td>34.4</td>
<td>23.5</td>
</tr>
<tr>
<td>E (144°F)</td>
<td>26.7</td>
<td>15.8</td>
</tr>
</tbody>
</table>

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**Collector Performance (aperture area)**

![Collector Performance Chart]

**Pressure Drop**

![Pressure Drop Chart]

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Sustainable HOT WATER Solutions, Delivered by APRICUS

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