**SFB Model: All-glass Evacuated Tubular Solar Collector with Heat Pipe**

**Description:**
SFB model uses All-glass Evacuated Tubular Solar Collector Tube with Heat Pipe as its heat-absorption element. It can be connected to the pressurized system. It can resist the cold weather of -35degree.

**Features:**
1. High efficiency solar absorber by using All-glass Evacuated Solar Collector Tube with Heat Pipe.
2. Suitable for main water pressure (up to 6bar/87psi).
3. Silver brazed copper header for corrosion resistant.
4. Excellent insulator in rock wool to keep the heat.
5. Collectors can be connected in series to increase water heating capacity.
6. Ideal for commercial solar water heating applications.
7. Able to be used in all climates.
8. Using simple frame, the system can be easily fixed on the roof.
9. It looks smart and without worry about the supporting capability of the roof.
10. Tubes can be easily replaced if broken- it can be also used with broken tubes.
11. Maintenance free.

**Scope of Application:**
SFB is very popular in Europe. It can resist the -45 Celsius. It is a good choice for big projects.

**Notice:**
1. The angle of the frame can be changed in the production process according to the local latitude condition of the customers. We can design the suitable angle for the customers.
2. We offer the spare accessories and tubes for your order for free.
3. We can offer the standing frame for SFB if the customers need.
4. We can change the quantity of tubes of each SFB solar collector according to customers’ request.
5. We can manufacture the manifold in different materials according to the customers’ requirements.

**Table:**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Qty of solar tubes</th>
<th>Diameter of solar tube</th>
<th>Length of solar tube</th>
<th>Copper Heat Pipe</th>
<th>Effective collector area M²</th>
<th>Capacity (Liter/Day)</th>
<th>size(mm)</th>
<th>Qty (set)</th>
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</thead>
<tbody>
<tr>
<td>SFB104715</td>
<td>10pcs</td>
<td>Ø 47mm</td>
<td>1.5M</td>
<td>Yes</td>
<td>0.83</td>
<td>70</td>
<td>870</td>
<td>1174</td>
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<td>1570</td>
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<td>270</td>
<td>2560</td>
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</tbody>
</table>

**Graph:**

Collector efficiency for G = 800 W/m²

**Figure:**

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