**SFE Model: Tubular Solar Water Heating System**

**Description:**
SFE is non-pressurized product which is similar to SFA but without water tank. It can only be used in non-pressurized system. It is a very cheap choice.

**Features:**
1. High efficiency and economical system.
2. Especially suitable for projects.
3. Designed for commercial solar water heating applications.
4. Reliable and efficient with twin-glass solar tubes.
5. Polyurethane insulation ensures a good heating performance and minimal heat loss.
7. Can be connected in series to increase water heating capacity.

**Scope of Application:**
SFE are very popular in some hot areas.

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

---

### Specification

<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>a</th>
<th>b</th>
<th>c</th>
<th>d</th>
<th>20’ft</th>
<th>40’ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>SFE104715</td>
<td>10pcs</td>
<td>Ø 47mm</td>
<td>1.5M</td>
<td>No</td>
<td>0.83</td>
<td>70</td>
<td>870</td>
<td>750</td>
<td>1000</td>
<td>1174</td>
<td>134</td>
<td>268</td>
</tr>
<tr>
<td>SFE204715</td>
<td>20pcs</td>
<td>Ø 47mm</td>
<td>1.5M</td>
<td>No</td>
<td>1.66</td>
<td>140</td>
<td>1570</td>
<td>1450</td>
<td>1000</td>
<td>1174</td>
<td>123</td>
<td>251</td>
</tr>
<tr>
<td>SFE304715</td>
<td>30pcs</td>
<td>Ø 47mm</td>
<td>1.5M</td>
<td>No</td>
<td>2.49</td>
<td>210</td>
<td>2270</td>
<td>2150</td>
<td>1000</td>
<td>1174</td>
<td>86</td>
<td>175</td>
</tr>
<tr>
<td>SFE105818</td>
<td>10pcs</td>
<td>Ø 58mm</td>
<td>1.8M</td>
<td>No</td>
<td>1.26</td>
<td>90</td>
<td>960</td>
<td>840</td>
<td>1200</td>
<td>1398</td>
<td>83</td>
<td>166</td>
</tr>
<tr>
<td>SFE205818</td>
<td>20pcs</td>
<td>Ø 58mm</td>
<td>1.8M</td>
<td>No</td>
<td>2.52</td>
<td>180</td>
<td>1760</td>
<td>1640</td>
<td>1200</td>
<td>1398</td>
<td>78</td>
<td>159</td>
</tr>
<tr>
<td>SFE305818</td>
<td>30pcs</td>
<td>Ø 58mm</td>
<td>1.8M</td>
<td>No</td>
<td>3.78</td>
<td>270</td>
<td>2560</td>
<td>2440</td>
<td>1200</td>
<td>1398</td>
<td>54</td>
<td>110</td>
</tr>
</tbody>
</table>

---

**Scope of Use:**
SFE are very popular in some hot areas.