### Features / Benefits

- Compliant with BAA and ARRA requirements
- SRCC Certified OG-100 Qualifies for Federal, State, Local Rebates & Tax Credits
- Ultrasonically Welded Aluminum Fins: Reliable, long-lasting, durable collector withstands thermal stress and all weather conditions
- Blue Sputtered Absorber Coating: Highest absorption rate and lowest emissions, ensuring highest performance and efficiency
- Polyurethane Insulation: High quality, efficient, durable insulation allows best heat retention ensuring reliable and efficient heat production

### Ordering Information for Solar Flat Plate Collector Kit

**SIO-BELLFONTE-00** (Without Tank)

**SIO-BELLFONTE-01** (With Tank)
Solar Flat Plate Collector, continued

**COMPLETE KIT – WITH TANK**

- 75-Gallon Tank
- Pumping Station and Glycol Pkg including Pumps, HE, Controller, Mounting Bracket, Sensors (2), 50’ Sensor Wire
- Expansion Tank (4.4 Gal) Extrol SE-30
- Connection Hose for Expansion Tank (Stainless Steel 3/4” MxF 18”)
- Mounting Bracket for Expansion Tank (Stainless Steel)
- Thermal Grease (14 oz)
- Adapter 3/4” MPT to 1/2” FPT Brass Reducer
- Extra Glass Tubes included (2)

**COMPLETE KIT – WITHOUT TANK**

- Pumping Station and Glycol Pkg including Pumps, HE, Controller, Mounting Bracket, Sensors (2), 50’ Sensor Wire
- Expansion Tank (4.4 Gal) Extrol SE-30
- Connection Hose for Expansion Tank (Stainless Steel 3/4” MxF 18”)
- Mounting Bracket for Expansion Tank (Stainless Steel)
- Thermal Grease (14 oz)
- Adapter 3/4” MPT to 1/2” FPT Brass Reducer
- Extra Glass Tubes included (2)

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**BTU PER PANEL PER DAY — 4’ x 10’**

<table>
<thead>
<tr>
<th>CATEGORY (Ti-Ta)</th>
<th>CLEAR DAY 2000 BTU/FT2/DAY</th>
<th>MILDLY CLOUDY 1500 BTU/FT2/DAY</th>
<th>CLOUDY DAY 1000 BTU/FT2/DAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>A (9F)</td>
<td>56,400</td>
<td>42,700</td>
<td>29,000</td>
</tr>
<tr>
<td>B (9F)</td>
<td>51,500</td>
<td>37,500</td>
<td>23,800</td>
</tr>
<tr>
<td>C (36F)</td>
<td>43,300</td>
<td>29,900</td>
<td>16,600</td>
</tr>
<tr>
<td>D (90F)</td>
<td>28,500</td>
<td>16,100</td>
<td>4,800</td>
</tr>
<tr>
<td>F (144F)</td>
<td>15,200</td>
<td>5,000</td>
<td>0</td>
</tr>
</tbody>
</table>

(Ti) Temperature Inlet: Refers to temperature of fluid entering manifold.
(Ta) Temperature Ambient: Refers to the ambient temperature, or the outside air temperature.
(Ti-Ta) Refers to the inlet fluid temperature subtracted from the outside ambient temperature. For example, if the temperature entering the manifold is 100F, and the outside air temperature is 30F, the Ti-Ta would be 70F.

(A) Pool Heating (Warm Climate)
(B) Pool Heating (Cool Climate)
(C) Water Heating (Warm Climate)
(D) Water Heating (Cold Climate)
(F) Air Conditioning