Simply Wonderful...
Owning a swimming pool means poolside parties… early morning workouts… refreshing dips… family fun and romantic late night swims. Owning an ELM pool heater means more enjoyment more often. Join the hundreds of thousands of pool owners that have extended their swimming seasons with a solar pool heating system.

Wonderfully Simple...
Using your existing pool pump, water is circulated through the many small passages of the solar collector, where it is warmed by the sun. This warm water then flows directly back to your pool through the regular pool plumbing. The ELM pool heater is designed to work with your existing pump and equipment.

Built To Last...
ELM solar collectors have been designed from thirty years of experience in manufacturing of solar heating equipment. They have undergone extensive testing resulting in performance certification by accredited independent laboratories and approval agencies. Performance rated at 1,000 BTU's per square foot by the Florida Solar Energy Center.

Ten Year Limited Warranty
ELM collectors lead the way in value backed by a Ten Year Limited Warranty with five full years of protection. You can relax with both ELM and ELM Plus knowing that you own the “Best Backed” system in the world.

ELM Quality and Reliability makes it the Pool Professional’s Preferred Solar Pool Heating System.

ELM Plus
For added piece of mind, ELM Plus collectors carry a Full Ten Year Warranty.
**CERTIFICATIONS, APPROVALS & TESTING**

The ELM and ELM Plus solar pool heating systems meet or exceed the criteria for approvals from the following accredited independent laboratories and approval agencies:
- International Association of Plumbing and Mechanical Officials (IAPMO)
- Florida Solar Energy Center
- Dade County
- City of Los Angeles
- Solar Rating and Certification Corp. (SRCC)
- DSET Exposure Test, New River, Arizona

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**FLOW RATE**

<table>
<thead>
<tr>
<th>Collector Length-in</th>
<th>Max. Collectors with Single-Recommended-GPM</th>
<th>Minimum-GPM</th>
<th>Maximum-GPM</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 x 12</td>
<td>120.0</td>
<td>96.0</td>
<td>120.0</td>
</tr>
<tr>
<td>4 x 10</td>
<td>144.0</td>
<td>47.0</td>
<td>47.0</td>
</tr>
<tr>
<td>4 x 8</td>
<td>50.5</td>
<td>50.5</td>
<td>50.5</td>
</tr>
<tr>
<td>50.5</td>
<td>1.9</td>
<td>1.9</td>
<td>2.4</td>
</tr>
<tr>
<td>50.5</td>
<td>1.5</td>
<td>1.5</td>
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</tr>
<tr>
<td>31.4</td>
<td>47.3</td>
<td>47.3</td>
<td>39.3</td>
</tr>
</tbody>
</table>

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**WEIGHTS**

<table>
<thead>
<tr>
<th>Nominal Size-fit</th>
<th>Dry-lbs.</th>
<th>Wet-lbs.</th>
<th>Wet-lbs./ft²</th>
<th>Fluid Capacity-gal.</th>
<th>FLUID FLOW RATES</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 x 12</td>
<td>21.3</td>
<td>48.0</td>
<td>1.01</td>
<td>3.2</td>
<td>10.0...</td>
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<tr>
<td>4 x 10</td>
<td>17.1</td>
<td>41.6</td>
<td>1.06</td>
<td>2.9</td>
<td>10.0...</td>
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<tr>
<td>4 x 8</td>
<td>14.3</td>
<td>35.1</td>
<td>1.12</td>
<td>1.2</td>
<td>10.0...</td>
</tr>
</tbody>
</table>

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**PROVEN PERFORMANCE IN ALL CLIMATES**

Engineered “tube and web” construction relieves the thermal stress of expansion and contraction assuring years of trouble free operation.

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**THERMAL PERFORMANCE RATINGS**

Thermal Performance Equation - \( n = 85.8 - 3.42 \)

Incident Angle Modifier - \( K_{r} = 1.0 - 0.03 \)

(Rated in accordance with ASHRAE standard 96-80)

- Florida Solar Energy Center Certification
- 4 x 12 - 47,200 / 4 x 10 - 39,300 / 4 x 8 - 31,500

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**Available through:**

www.elmdistribution.com
1 (866) 765-2713

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