### Unit Specifications

<table>
<thead>
<tr>
<th></th>
<th>SQ125</th>
<th>SQ145</th>
<th>SQ225</th>
<th>SQ120R</th>
<th>SQ166R</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BTUs</strong></td>
<td>80/80/80</td>
<td>101,000</td>
<td>119,000</td>
<td>143,000</td>
<td>110,000</td>
</tr>
<tr>
<td><strong>C.O.P.</strong></td>
<td>80/80/80</td>
<td>6.5</td>
<td>6.8</td>
<td>6.5</td>
<td>5.5</td>
</tr>
<tr>
<td><strong>Refrigerant</strong></td>
<td>R410A</td>
<td>R410A</td>
<td>R410A</td>
<td>R410A</td>
<td>R410A</td>
</tr>
<tr>
<td><strong>Electrical</strong></td>
<td>H</td>
<td>H</td>
<td>H</td>
<td>H &amp; C</td>
<td>H &amp; C</td>
</tr>
<tr>
<td><strong>Max. Fuse Size</strong></td>
<td>A - 60</td>
<td>A - 60</td>
<td>A - 60</td>
<td>A - 60</td>
<td>A - 60</td>
</tr>
<tr>
<td><strong>Min. Circuit Ampacity</strong></td>
<td>A - 40.5</td>
<td>A - 42.1</td>
<td>A - 42.1</td>
<td>A - 38.5</td>
<td>A - 42.1</td>
</tr>
<tr>
<td><strong>Water Flow</strong></td>
<td>Min./Max. (gpm)</td>
<td>30/70</td>
<td>30/70</td>
<td>30/70</td>
<td>30/70</td>
</tr>
<tr>
<td><strong>Physical</strong></td>
<td>Weight (lbs)</td>
<td>268</td>
<td>328</td>
<td>328</td>
<td>268</td>
</tr>
<tr>
<td></td>
<td>Length x Width x Height (in)</td>
<td>34” x 34” x 44”</td>
<td>34” x 34” x 44”</td>
<td>34” x 34” x 44”</td>
<td>34” x 34” x 44”</td>
</tr>
<tr>
<td><strong>Shipping</strong></td>
<td>Weight (lbs)</td>
<td>329</td>
<td>390</td>
<td>390</td>
<td>329</td>
</tr>
<tr>
<td></td>
<td>Length x Width x Height (in)</td>
<td>38” x 36” x 49”</td>
<td>38” x 36” x 49”</td>
<td>38” x 36” x 49”</td>
<td>38” x 36” x 49”</td>
</tr>
</tbody>
</table>

**Over Temperature Alarm Kit available:** part number STK0221 for single phase, STK0232 for three phase. Strongly recommended for all spa applications.

**Specifications subject to change**
Free heat is taken from outside air and transferred to the pool water. **A HEAT PUMP DOESN'T BURN ENERGY TO CREATE HEAT.** It only uses a small amount of energy to transfer **FREE** heat from the air to the pool.

The only heat pump that allows you to maximize the potential savings of a variable speed pump is an AquaCal®. Our patented ThermoLink® Titanium Heat Exchanger's unique flow characteristics allow you to run the pump at lower RPMs, ultimately saving you money.

This patented hydraulic design adds only 2 PSI at 45 gpm, increasing compatibility with two-speed & variable speed pumps.

**NEW Smart Microprocessor Control with LCD Display**
- Flip-out, lockable control panel is protected against sun and weather and can be easily programmed to prevent others from tampering with settings
- Digital control panel with 24 character full-text display provides easy-to-read menu options and unit status
- Ability to connect to most external controllers for heating and cooling mode
- Hybrid functionality can initiate a gas heater when an extra boost of heat is needed

**AquaTop**
- Unique Air Flow Vectoring Top ensures optimal air flow for maximum efficiency
- Protects internal components such as the fan blade, fan motor, compressor and heat exchanger from direct rain and snow, extending their life
- World's ONLY integrated top that prevents debris like leaves and other vegetation from getting inside the heat pump, rotting and becoming acidic
- Protection provided by the AquaTop allows for an extended 10 year warranty on the evaporator coil

**Corrosion Proof Cabinet**
- Louvered side panels protect evaporator coil while ensuring efficient air flow
- Rust and fade proof
- Impact resistant
- Built-in drain pan provides condensate management

**ICEBREAKER® Heat & Cool Models**
- Extends swimming season longer than any other heat pump on the market
- Continues to heat at freezing temperatures to minimize heat loss
- Cools your pool to a refreshing temperature
- Set to heat, cool or autotemp

**AquaCal® has been producing quality heat pumps since 1981**

**Setting the standard for excellence in the industry for over 37 years**

**Over 300,000 happy customers worldwide**

**Heat a pool for about 25% of the cost of heating it with gas**

**No other heat pump in its class is quieter**

**Heat pumps are green and have virtually no effect on your carbon footprint**

**MAXIMIZE THE ENJOYMENT OF YOUR SWIMMING POOL INVESTMENT** by heating your pool with an AquaCal® heat pump.

**Heat pumps are green and have virtually no effect on your carbon footprint**

**Over 300,000 happy customers worldwide**

**AquaTop**

**NEW Smart Microprocessor Control with LCD Display**

**AquaTop**

**Corrosion Proof Cabinet**

**ICEBREAKER® Heat & Cool Models**