BRYAN STEAM

Heat Exchanger Type Pool Heater
Outputs from 200,000 to 4,200,000 BTUH Water Heat Source and 400,000 to 3,600,000 BTUH Steam Heat Source

Features:
- Completely packaged and assembled
- No gas or oil piping required
- No vent or chimney required
- Lower initial cost
- Less space required

All of the features and quality of the time proven Bryan “Indirect” Heaters are now available using an existing central boiler heating plant as the heat source.

Hot water or steam is taken from the heating main and circulated through the exchanger shell. The pool water is heated as it passes through the copper “Indirect” coil.

Standard Equipment
Steel heat exchanger shell — (125 PSI-ASME), copper heat exchanger with brass head, pool water temperature control aquastat to control heat source circulating pump or steam control valve, assembled and wired.

Optional Equipment
Circulating pump, steam control valve, thermometer, steam pressure gauge, steam strainer.

Note
1. Steam valve sizing based upon 5 PSI minimum steam pressure and ½ PSI return pressure.
2. Pump sizing based upon maximum temperature drop through exchanger of 30° F, and maximum head loss in piping between boiler and heater of 10 ft. H2O. For other conditions and pressure drop data consult factory.
### Bryan Heat Exchanger Type Pool Heater

**Water Heat Source**
- **Heat Source**
  - Pool Temperature Control Aquastat
  - Return Water Copper Heat Exchanger
  - Hot Water From Central Heating System
- **Steel Shell 125 PSI ASME**
- **Circulating Pump**
- **1" Relief Valve Coupling**

**Steam Heat Source**
- **Heat Source**
  - Pool Temperature Control Aquastat
  - Copper Heat Exchanger
  - Steel Shell 125 PSI ASME
- **Steam Supply**
- **Steam Trap**
- **Steam Control Valve**

### Heater Rating
<table>
<thead>
<tr>
<th>Heater Model</th>
<th>Output — BTU's per hr.</th>
<th>Standard Coil Model</th>
<th>Dimensions in. (cm)</th>
<th>Circulator</th>
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<tbody>
<tr>
<td><strong>Heat Source</strong></td>
<td><strong>Heat Source</strong></td>
<td><strong>Standard Coil Model</strong></td>
<td><strong>Dimensions in. (cm)</strong></td>
<td><strong>Circulator</strong></td>
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<tr>
<td><strong>Water Temp.</strong></td>
<td><strong>Steam Pressure</strong></td>
<td><strong>A</strong></td>
<td><strong>B</strong></td>
<td><strong>C</strong></td>
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<td>180°</td>
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<td>10#</td>
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