The Taco 008 Cartridge Circulator is designed for quiet, efficient operation in higher-head applications for hydronic heating, radiant in-floor/panel heating, solar heating, heat recovery, water source heat pump, and domestic water recirculation systems. Its unique field-serviceable cartridge contains all moving parts. Replacing the cartridge rebuilds the circulator. With no mechanical seal, the self-lubricating, maintenance free design provides unmatched reliability. Available in Cast Iron or Stainless Steel, flanged or Low-Lead Bronze, sweat construction.
Submittal Data Information
Model 008 Cartridge Circulator

Features
- Standard High Capacity
  Output-Compact Design
- Quiet, Efficient Operation
- Direct Drive - Low Power Consumption
- Unique Replaceable Cartridge - Field Serviceable
- Self Lubricating
- No Mechanical Seal
- Unmatched Reliability - Maintenance Free
- Universal Flange to Flange Dimensions
- Cast Iron or Stainless Steel, Flanged and Bronze, Sweat Connections

Application
The Taco 008 is designed for a wide range of residential and light commercial higher-head water circulating applications. Typical uses include hydronic heating, radiant in-floor/panel heating and closed-loop solar heating systems. The Stainless Steel or Bronze 008 can be used in higher-head heat recovery, water source heat pump, open-loop solar heat and domestic water recirculation systems. The unique replaceable cartridge contains all of the moving parts and allows for easy service, instead of replacing the entire circulator. Compact, direct-drive, low power consumption design is ideal for high-efficiency jobs.

Pump Dimensions & Weights

<table>
<thead>
<tr>
<th>Models</th>
<th>Casing</th>
<th>Flange Type*</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>F</th>
<th>G</th>
<th>Ship Wt.</th>
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<tbody>
<tr>
<td>008-F6</td>
<td>Cast Iron</td>
<td>S</td>
<td>6</td>
<td>152</td>
<td>4</td>
<td>102</td>
<td>3/32</td>
<td>81</td>
<td>4-3/4</td>
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<tr>
<td>008-F6-3</td>
<td>Cast Iron</td>
<td>R</td>
<td>5-1/2</td>
<td>140</td>
<td>4</td>
<td>102</td>
<td>3/32</td>
<td>81</td>
<td>4-3/4</td>
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<tr>
<td>008-SF6</td>
<td>St. Steel</td>
<td>S</td>
<td>6</td>
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<td>102</td>
<td>3/32</td>
<td>81</td>
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<td>R</td>
<td>5-1/2</td>
<td>140</td>
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<td>102</td>
<td>3/32</td>
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<tr>
<td>008-BC6</td>
<td>Bronze</td>
<td>—</td>
<td>3-3/8</td>
<td>145</td>
<td>4-1/16</td>
<td>110</td>
<td>3-3/16</td>
<td>75</td>
<td>4-3/4</td>
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</tbody>
</table>

Materials of Construction
- Casing (Volute):
  - Cast Iron, Stainless Steel or Low-Lead Bronze
- Stator Housing: Steel
- Cartridge: Stainless Steel
- Impeller: Non-Metallic
- Shaft: Ceramic
- Bearings: Carbon
- O-Ring & Gaskets: EPDM

Model Nomenclature
- F – Cast Iron, Flanged
- SF – Stainless Steel, Flanged
- BC – Bronze, 3/4" Sweat Connections

Performance Data
- Max. Flow: 14 GPM
- Max. Head: 15 Feet
- Min. Fluid Temperature: 40°F (4°C)
- Max. Fluid Temperature: 230°F (110°C)
- Max. Working Pressure: 125 psi
- Connection Sizes: 3/4", 1", 1-1/4", 1/2" Flanged
- 3/4" Sweat

Electrical Data

<table>
<thead>
<tr>
<th>Model</th>
<th>Volts</th>
<th>Hz</th>
<th>Ph</th>
<th>Amps</th>
<th>RPM</th>
<th>HP</th>
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</thead>
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<td>115</td>
<td>60</td>
<td>1</td>
<td>.79</td>
<td>3250</td>
<td>1/25</td>
</tr>
<tr>
<td>Stainless Steel/Bronze</td>
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<td>60</td>
<td>1</td>
<td>.84</td>
<td>3250</td>
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</tr>
</tbody>
</table>

Motor Type
- Permanent Split Capacitor
- Impedance Protected

Motor Options
- 220/50/1, 220/60/1, 230/60/1, 100/110/50/60/1

Certifications & Listings
- UL Listed
- NSF Low-Lead Compliant

Do your best work.

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