Submittal Data Information
Model 008 Cartridge Circulator

Effective: May 8, 2009
Supersedes: September 1, 2003

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

Materials of Construction
Casing (Volute): Cast Iron or St. Steel, Flanged Bronze, Sweat
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

Variations:
Z — Zoning Circulator
J — Bronze Cartridge with Cast Iron Casing

Performance Data
Flow Range: 0 – 14 GPM
Head Range: 0 – 16 Feet
Minimum Fluid Temperature: 40°F (4°C)
Maximum Fluid Temperature: 230°F (110°C)
Maximum Working Pressure: 125 psi

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>Model</th>
<th>Casing</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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<td>008-F6</td>
<td>Cast Iron</td>
<td>6</td>
<td>152</td>
<td>4</td>
<td>102</td>
<td>3-3/16</td>
<td>81</td>
<td>2-15/16</td>
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<td>81</td>
<td>2-15/16</td>
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<tr>
<td>008-BC6</td>
<td>Bronze</td>
<td>5-5/8</td>
<td>143</td>
<td>4-9/16</td>
<td>116</td>
<td>3-3/16</td>
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<td>2-15/16</td>
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Electrical Data

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<th>Volts</th>
<th>Hz</th>
<th>Ph</th>
<th>Amps</th>
<th>RPM</th>
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</tbody>
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Motor Type
- Permanent Split Capacitor
- Impedance Protected

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

For Indoor Use Only

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