Model 006 Flanged Cartridge Circulator

The compact Taco 006 flanged cartridge circulator is designed for circulating hot and chilled water in a wide range of closed loop applications. 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 quiet, efficient operation and unmatched reliability. Available in cast iron, flanged construction. Now available with three Variable Speed control options. See Catalog# 100-24.
**Application**

The 006 Flanged Cartridge Circulator is designed for the circulation of hot or chilled water in a wide range of closed loop applications. Typical uses include secondary hydronic heating zones, radiant heat injection, and hydro-air fan coil heating/cooling. The unique, replaceable cartridge contains all of the moving parts and allows for easy service instead of replacing the entire circulator. Available with optional Variable Speed control or Priority Zoning control with built-in transformer, relay, and priority switch in one complete package to make it ideal for zoning.

**Pump Dimensions & Weights**

<table>
<thead>
<tr>
<th>Model</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>006-F4</td>
<td>159</td>
<td>4-3/8</td>
<td>111</td>
<td>3-3/16</td>
<td>78</td>
<td>3-3/16</td>
<td>124</td>
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<tr>
<td>006-ZF4-1</td>
<td>159</td>
<td>4-3/8</td>
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<td>3-3/16</td>
<td>78</td>
<td>3-3/16</td>
<td>91</td>
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</tbody>
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**Mounting Positions**

- Standard
- Optional
- OK if over 20 psi

**Electrical Data**

- Model: 006 All Models
- Volts: 115
- Hz: 60
- Ph: 1
- Amps: .52
- RPM: 3250
- HP: 1/40

- Motor Type: Permanent Split Capacitor, Impedance Protected

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

**Performance Field - 60Hz**

**Flange Orientation**

- F – Cast Iron, Flanged
- Z – Zoning Circulator
- VR – Variable Speed Outdoor Reset
- VS – Variable Speed Set Point
- VV – Variable Speed Variable Voltage
- J – Bronze Cartridge with Cast Iron Casing

**Materials of Construction**

- Casing (Volute): Cast Iron
- Stator Housing: Steel
- Cartridge: Stainless Steel
- Impeller: Non-Metallic
- Shaft: Ceramic
- Bearings: Carbon
- O-Ring & Gaskets: EPDM

**Model Nomenclature**

- F – Cast Iron, Flanged
- Variations:
  - Z – Zoning Circulator
  - VR – Variable Speed Outdoor Reset
  - VS – Variable Speed Set Point
  - VV – Variable Speed Variable Voltage
  - J – Bronze Cartridge with Cast Iron Casing

**Performance Data**

- Max. Flow: 12.5 GPM
- Max. Head: 8 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", 1-1/2" Flanged

- UL Listed FOR INDOOR USE ONLY

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**Note:**

- tacoinc.com

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**Submittal Data Information**

**Model 006 Flanged Cartridge Circulator**

**Submittal Data # 101-097**

**Supersedes:** 02/23/12

**Effective:** 01/15/14