Model 0011 Cartridge Circulator

The High Velocity series Taco 0011 Cartridge circulator is designed for high head/medium flow applications in residential or light commercial hydronic heating, radiant heating, and chilled water cooling systems. The unique ACB anti-condensate baffle with ambient air flow prevents the build up of condensate on the motor windings when pumping chilled water. 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. Compact and lightweight, with excellent performance characteristics, the 0011 is ideal for installations where space is a premium. Available in Cast Iron or Stainless Steel construction.
The Taco 0011 is specifically designed for high head / medium flow applications in large residential or light commercial closed loop hydronic heating and chilled water cooling systems. Ideal for high pressure drop boilers, fan coil units, heat exchangers, large radiant heating and heat recovery/geothermal systems. The Stainless Steel 0011 should be used on open loop systems. The unique replaceable cartridge contains all of the moving parts and allows for easy service instead of replacing the entire circulator. Universal flange to flange dimensions and orientation allows the 0011 to easily replace other models. Compact, low power consumption design makes it ideal for high-efficiency jobs.

### Performance Data
- Max. Flow: 31 GPM
- Max. Head: 31 Feet
- Min. Fluid Temperature: 40°F (4°C)
- Max. Fluid Temperature: 230°F (110°C)
- Max. Working Pressure: 150 psi
- Connection Sizes: 3/4", 1", 1-1/4", 1-1/2" Flanged

### Materials of Construction
- Casing (Volute): Cast Iron or St. Steel
- Stator Housing: Aluminum
- Cartridge: Stainless Steel
- Impeller: Non-Metallic
- Shaft: Ceramic
- Bearings: Carbon
- O-Ring & Gaskets: EPDM

### Model Nomenclature
- F – Cast Iron, Flanged
- SF – Stainless Steel, Flanged

### Certification & Listings
- UL Listed
- NSF Low-Lead Compliant

### 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>
</tr>
</thead>
<tbody>
<tr>
<td>0011-F4</td>
<td>Cast Iron</td>
<td>7-1/2</td>
<td>191</td>
<td>6-1/8</td>
<td>156</td>
<td>3-1/2</td>
<td>89</td>
<td>3-3/8</td>
</tr>
<tr>
<td>0011-SF4</td>
<td>St. Steel</td>
<td>7-1/2</td>
<td>191</td>
<td>6-1/8</td>
<td>156</td>
<td>3-1/2</td>
<td>89</td>
<td>3-3/8</td>
</tr>
</tbody>
</table>

### 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>
</tr>
</thead>
<tbody>
<tr>
<td>All Models</td>
<td>115</td>
<td>60</td>
<td>1</td>
<td>1.76</td>
<td>3250</td>
<td>1/8</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Motor Type</th>
<th>Permanent Split Capacitor</th>
<th>Impedance Protected</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor Options</td>
<td>220/50/1, 220/60/1, 230/60/1, 100/110/50/60/1</td>
<td></td>
</tr>
</tbody>
</table>

### Flange Orientation

- Standard
- Optional
- OK if over 20 psi

### Performance Field - 60Hz

![Graph of Performance Field - 60Hz](image-url)