Model 0011-IFC® Cartridge Circulator

The High Velocity series 0011-IFC includes an Integral Flow Check, saving installation costs while improving system performance. The removable, spring loaded IFC® replaces a separate in-line flow check and prevents gravity flow when the circulator is not operating. Available in Cast Iron or Stainless Steel construction.
**Features**

- **Integral Flow Check (IFC)**
  - Prevents gravity flow
  - Eliminates separate in-line flow check
  - Reduces installed cost, easy to service
  - Improved performance vs. in-line flow checks
- **Unique replaceable cartridge**
  - Field serviceable
- **Unmatched reliability**
  - Maintenance free
- **Quiet, efficient operation**
- **Direct drive - Low power consumption**
- **Self lubricating, No mechanical seal**
- **Standard high capacity output**
  - Compact design
- **Wide range of applications**
- **Cast Iron or Stainless Steel construction, Flanged connections**

**Materials of Construction**

- **Casing (Volute):** Cast Iron or Stainless Steel
- **Integral Flow Check:** Body, Plunger... Acetal
  - O-ring Seals... EPDM
  - Spring... Stainless Steel
- **Stator Housing:** Aluminum
- **Cartridge:** Stainless Steel
- **Impeller:** Non-Metallic
- **Shaft:** Ceramic
- **Bearings:** Carbon
- **O-Ring & Gaskets:** EPDM

**Application**

The 0011-IFC with an Integral Flow Check is designed to reduce installation costs when zoning with 00® circulators. Typical uses include large residential or light commercial high head / medium flow applications such as hydronic or radiant heating, hydro-air fan coils, indirect water heaters or domestic water recirculation systems. By locating the removable, spring-loaded IFC inside the pump casing, a separate in-line flow check is eliminated. The reduced pressure drop of the IFC increases the 0011 flow performance over in-line check valves. Both the IFC and cartridge are easily accessed for service instead of replacing the entire unit.

**Pump Dimensions & Weights**

<table>
<thead>
<tr>
<th>Models</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-F4-2-IFC</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>5-1/2</td>
</tr>
<tr>
<td>0011-SF4-IFC</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>5-1/2</td>
</tr>
</tbody>
</table>

**Mounting Positions**

- **Standard**
- **Optional**
- **OK if over 20 psi**

**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>
| 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**

**Certifications & Listings**

- **UL US Listed FOR INDOOR USE ONLY**
- **NSF Low-Lead Compliant**