Model 008-IFC Cartridge Circulator

The 008-IFC features a removable Integral Flow Check designed to simplify piping, reduce installation costs and improve system performance. The spring-loaded IFC® replaces a separate in-line flow check to ensure protection against reverse flow and gravity flow.
**Features**

- Integral Flow Check (IFC®)
- Simplifies piping
- Prevents gravity flow and reverse flow
- Eliminates separate in-line flow check
- Reduces installed cost
- Improves system performance
- Easy to service
- Unique replaceable cartridge—Field serviceable
- Unmatched reliability—Maintenance free
- Self lubricating, No mechanical seal
- Wide range of applications
- Cast Iron, Bronze or St. Steel construction
- Flanged or Sweat connections

**Application**

- Hydronic Heating/Cooling
- Hydro-Air Fan Coils
- Radiant
- Domestic Water Recirculation (Bronze / Stainless Steel)
- Indirect Water Heaters

The 008-IFC is designed to simplify piping, reduce installation costs and improve system performance when zoning with 00® circulators. By locating the IFC inside the pump, a separate in-line flow check is eliminated. The low pressure drop of the IFC increases flow performance vs. in-line flow checks. Both the IFC and the cartridge are easily accessed for service.

**Materials of Construction**

- **Casing (Volute):** Cast Iron, Low-Lead Bronze or Stainless Steel
- **Integral Flow Check (IFC®):**
  - Body, Plunger: Acetal
  - O-ring Seals: EPDM
  - Spring: Stainless Steel
- **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, Sweat, Panel Mount Tappings
- IFC – Integral Flow Check

**Performance Data**

- Max. Flow: 12.5 GPM
- Max. Head: 15 Feet
- Minimum Fluid Temperature: 40°F (4°C)
- Maximum Fluid Temperature: 230°F (110°C)
- Maximum Working Pressure: 125 psi
- Connection Sizes: 3/4", 1", 1-1/4", 1-1/2" Flanged or 3/4" Sweat

**Certifications & Listings**

- UL US Listed
- NSF Low-Lead Compliant

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**Pump Dimensions & Weights**

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<tr>
<th>Models</th>
<th>Casing</th>
<th>Flange Type</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
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**Electrical Data**

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**Motor Type**

- Permanent Split Capacitor
- Impedance Protected

**Motor Options**

- Standard (S), Rotated (R)
- 220/50/1, 220/60/1, 230/60/1, 100/110/50/60/1

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**Taco Integral Flow Check (IFC) Models**

- **Performance Field - 60Hz**

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