Submittal Data Information

**Model 0011-IFC® Cartridge Circulator**

Effective: January 12, 2015
Supersedes: June 10, 2013

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**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

**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>Model</th>
<th>Casing</th>
<th>Item No.</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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</thead>
<tbody>
<tr>
<td>0011-F4-2 IC</td>
<td>Cast Iron</td>
<td>02468 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44</td>
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<tr>
<td>0011-SF4-IFC</td>
<td>Stainless Steel</td>
<td>02468 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44</td>
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**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

**Model Nomenclature**

F = Cast Iron, Flanged
SF = Stainless Steel, Flanged
IFC = Integral Flow Check

**Performance Data**

Max. Flow: 30 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" Flange

**Certifications & Listings**

FOR INDOOR USE ONLY

Do your best work.