Submittal Data Information

Model 0010-IFC® Cartridge Circulator

Effective: February 17, 2016

Supersedes: January 12, 2015

Application

The 0010-IFC with an Integral Flow Check is designed to reduce installation costs when zoning with 00® circulators. Ideal for residential or light commercial hydronic or radiant heating, hydro-air fan coils, indirect water heaters or domestic water recirculation systems. By locating the IFC inside the pump casing, a separate in-line flow check is eliminated, reducing installation costs. The reduced pressure drop of the IFC increases the flow performance over in-line check valves. Both the IFC and cartridge are easily accessed for service instead of replacing the entire unit. 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: 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
- IFC – Integral Flow Check

Performance Data

- Max. Flow: 30 GPM
- Max. Head: 9 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

Certifications & Listings

UL US LISTED FOR INDOOR USE ONLY
Low-Lead Compliant

Electrical Data

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<th>Model</th>
<th>Volts</th>
<th>Hz</th>
<th>Ph</th>
<th>Amps</th>
<th>RPM</th>
<th>HP</th>
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<td>1.10</td>
<td>3250</td>
<td>1/8</td>
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<tr>
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<td>60</td>
<td>1</td>
<td>1.20</td>
<td>3250</td>
<td>1/8</td>
</tr>
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Motor

- Type: Permanent Split Capacitor, Impedance Protected

Motor Options

- 230/50/1, 230/60/1, 100/110/50/60/1

CERTIFICATIONS & LISTINGS

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