Submittal Data Information
Model 009-IFC® Cartridge Circulator

Effective: January 12, 2015
Supersedes: May 21, 2013

Job: ___________________________  Engineer: ___________________________  Contractor: ___________________________  Rep: ___________________________

ITEM NO. MODEL NO. IMP. DIA. G.P.M. HEAD/FT. H.P. ELEC. CHAR.

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
- Optional Priority Zoning control
- Unique replaceable cartridge — Field serviceable
- 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 Taco 009-IFC with Integral Flow Check (IFC®) is designed to reduce installation costs when zoning with 00® circulators on a wide range of residential and light commercial higher-head/lower-flow water circulating applications. Typical uses include hydronic heating, radiant in-floor/panel heating and closed-loop solar heating systems. The Stainless Steel 009-IFC can be used in higher-head/lower-flow heat recovery, open-loop solar heating and light commercial domestic water recirculation systems. The unique replaceable cartridge contains all of the moving parts and allows for easy service instead of replacing the entire circulator.

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>009-F5-IFC</td>
<td>Cast Iron</td>
<td>7</td>
<td>178</td>
<td>5-11/16</td>
<td>144</td>
<td>3-3/16</td>
<td>81</td>
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</tr>
</tbody>
</table>

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: 10 GPM
- Max. Head: 35 Feet
- Minimum Fluid Temperature: 40°F (4°C)
- Maximum Fluid Temperature: 230°F (110°C)
- Maximum Working Pressure: 150 psi
- Connection Sizes: 3/4", 1", 1-1/4", 1-1/2" Flanged

Certifications & Listings
- CUL US Listed
- NSF
- Low-Lead Compliant

Do your best work.
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