Model 0010-IFC® Cartridge Circulator

The High Velocity series 0010-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.
Submittal Data Information
Model 0010-IFC® Cartridge Circulator

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

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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.

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: 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
C-UL US LISTED FOR INDOOR USE ONLY
Low-Lead Compliant

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