

Model 0011-IFC® Cartridge Circulator

The High Velocity series 0011-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. Our Priority Zoning circulator with built-in transformer, relay and priority switch is also available with an optional IFC to make it an ideal choice when zoning with circulators. Available in Cast Iron or Stainless Steel construction.



NSF® ≤ .25% Lead

Stainless Steel Model
Meets California AB 1953
and Vermont Act 193



Submittal Data Information

Model 0011-IFC® Cartridge Circulator

Submittal Data # 101-084
Supersedes: 06/27/07

Effective: 04/22/10

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.....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

Variations:

Z – Zoning Circulator
 J – Bronze Cartridge with Cast Iron Casing

Performance Data

Flow Range: 0 - 30 GPM
 Head Range: 0 - 31 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



FOR INDOOR USE ONLY

NSF® ≤ .25% Lead

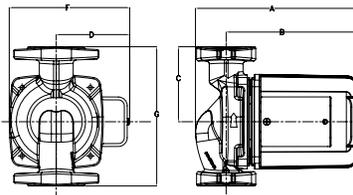
Complies with California Health and Safety Code Section 116875 / AB1953 and Vermont Act 193

Application

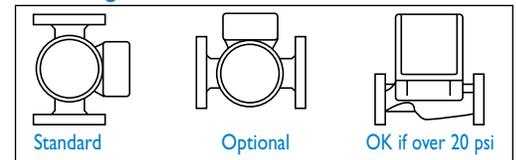
The 0011-IFC with an Integral Flow Check is designed to reduce installation costs when zoning with 00® circulators on large residential or light commercial high head / medium flow applications such as hydronic or radiant heating, hydro-air fan coils, indirect water heaters or domestic water recirculation systems. By locating the removable, spring-loaded IFC inside the pump casing, a separate in-line flow check is eliminated, reducing installation costs. 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. Our patented Priority Zoning circulator with built-in transformer, relay, priority switch and IFC in one complete, compact package makes it ideal for zoning.

Pump Dimensions & Weights

Model	Casing	A		B		C		D		F		G		Ship Wt.	
		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	Kg
0011-F4-2 IFC	Iron														
0011-SF4-IFC	St. Steel	7-1/2	191	6-1/8	156	3-1/2	89	3-5/16	84	5-1/2	140	6-1/2	165	12	5.5
0011-ZF4-1 IFC	Iron														
0011-ZSF4-IFC	St. Steel							3-13/16	97	6	152			13	6.0



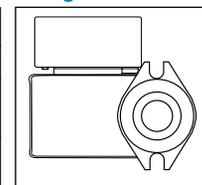
Mounting Positions



Electrical Data

Model	Volts	Hz	Ph	Amps	RPM	HP
All Models	115	60	1	1.76	3250	1/8
Motor Type	Permanent Split Capacitor Impedance Protected					
Motor Options	220/50/1, 220/60/1, 230/60/1, 100/110/50/60/1					

Flange Orientation



Performance Field - 60Hz

Taco INTEGRAL FLOWCHECK (IFC) MODELS

