

### **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. Available in Cast Iron or Stainless Steel construction.



Low-Lead  
Compliant



# Submittal Data Information Model 0011-IFC® Cartridge Circulator

Submittal Data # 101-084  
Supersedes: 06/10/13

Effective: 01/12/15

## 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

## 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

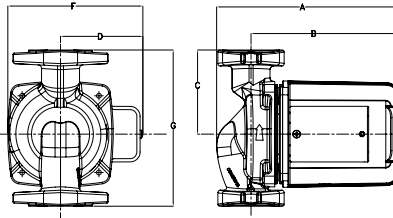


## Application

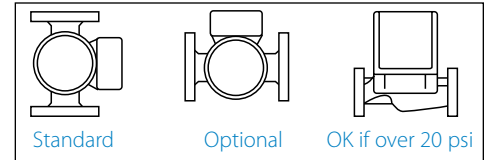
The 0011-IFC with an Integral Flow Check is designed to reduce installation costs when zoning with 00° circulators. Typical uses include large residential or light commercial high head / medium flow applications such as hydronic or radiant heating, hydro-air fan coils, indirect water heaters or domestic 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

Models	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	Cast Iron	7-1/2	191	6-1/8	156	3-1/2	89	3-5/16	84	5-1/2	140	6-1/2	165	12.0	5.5
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	12.0	5.5



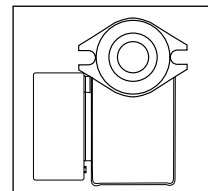
## Mounting Positions



## Electrical Data

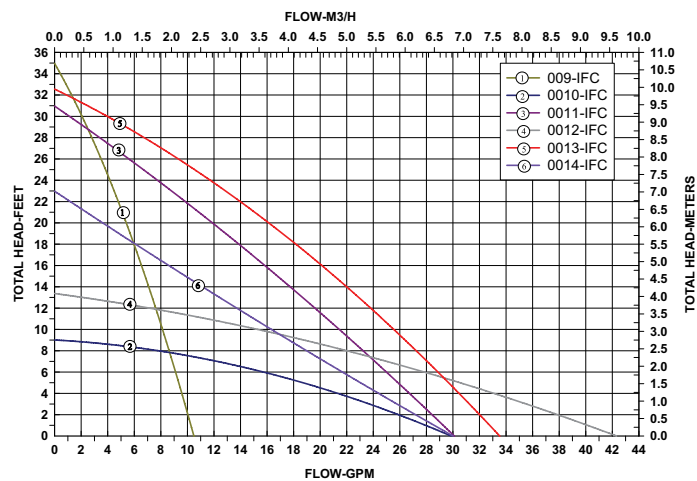
Model	Volts	Hz	Ph	Amps	RPM	HP
All Models	115	60	1	1.76	3250	1/8
Motor Type	Permanent Split Capacitor Impedance Protected					
Motor Options	220/50/1, 220/60/1, 230/60/1, 100/110/50/60/1					

## Flange Orientation



## Performance Field - 60Hz

**Taco** INTEGRAL FLOWCHECK (IFC) MODELS



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