



Submittal Data Information

101-067

Model 006-IFC Cartridge Circulator

Effective: November 24, 2024

Supersedes: March 29, 2017

Job: _____ Engineer: _____ Contractor: _____ Rep: _____

ITEM NO.	MODEL NO.	

Features

- Integral Flow Check (IFC*) Patent# 5,664,939
 - Prevents gravity flow / reverse flow
 - Eliminates separate in-line flow check
 - Reduces installed cost
 - Improves system performance
 - Easy to service
- Unique replaceable cartridge
 - Field serviceable
- Unmatched reliability-Maintenance free
- Quiet, efficient operation
- Self lubricating, No mechanical seal
- Wide range of applications
- Bronze 1/2", 3/4" sweat or Stainless Steel with union connections

Materials of Construction

Casing (Volute):Low-lead Bronze or St. Steel

Integral Flow Check:

Body, Plunger.....Acetal

O-ring Seals.....EPDM

SpringStainless Steel

Stator housing:Steel

Cartridge:Stainless Steel

Impeller:.....Non-metallic

Shaft:.....Ceramic

Bearings:.....Carbon

O-Ring & Gaskets:.....EPDM - Chlorine resistant

Model Nomenclature

BC - Bronze sweat connections,
panel mount tapplings

SC - Stainless Steel, union connection,
panel mount tapplings

IFC - Integral Flow Check

Performance Data

Flow Range: 0 – 9 GPM

Head Range: 0 – 8.5 Feet

Minimum Fluid Temperature: 40°F (4°C)

Maximum Fluid Temperature: 220°F (104°C)

Maximum Working Pressure: 125 psi

Connection sizes: 1/2", 3/4" sweat or union

Certifications & Listings

UL FOR INDOOR
US LISTED USE ONLY



Low-Lead Compliant

Certified to
NSF/ANSI CAN
61 & 372

Application

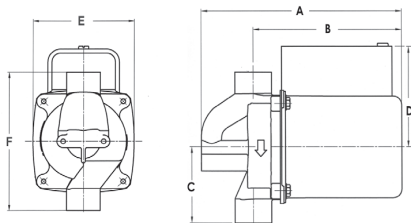
- Domestic Hot Water Recirculation
- Hydro-Air Fan Coils
- Heat Recovery Units
- Water Source Heat Pumps
- Potable Water Systems

The 006-IFC with an Integral Flow Check (IFC*) is designed for the circulation of hot or chilled fresh water in open or closed loop applications. The IFC feature simplifies piping, eliminates separate in-line flow check, reduces installation costs and improves system performance. With its patented location at the impeller inlet*, the IFC is easy to service without removing the entire unit from system piping. The unique, replaceable cartridge contains all of the moving parts and allows for easy service instead of replacing the entire circulator.

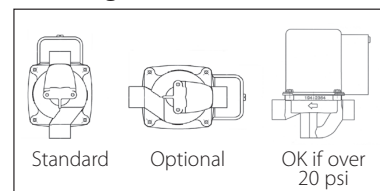
* IFC is located in the discharge port on union connection model only

Pump Dimensions & Weights

Models	Conn.	A		B		C		D		E		F		Ship Wt.	
		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	Kg
006-BC7-1 IFC	1/2" Swt.	6	152	4-7/8	124	2-3/16	56	3-15/16	75	3-15/16	84	4-3/8	111	6.0	2.7
006-BC7-IFC	3/4" Swt.	6	152	4-7/8	124	2-3/16	56	3-15/16	75	3-15/16	84	4-3/8	111	6.0	2.7
006-SC7-IFC	Union	6	152	4-7/8	124	2-31/32	76	3-15/16	75	3-15/16	84	5-15/16	151	6.0	2.7



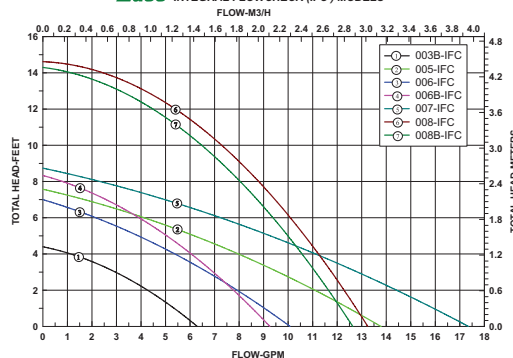
Mounting Positions



Electrical Data

Model	Volts	Hz	Ph	Amps	RPM	HP
All 006 Models	115	60	1	.52	3250	1/40
Motor Type	Permanent Split Capacitor Impedance Protected					
Motor Options	220/50/1, 220/60/1, 230/60/1, 100/110/50/60/1					

Taco INTEGRAL FLOWCHECK (IFC) MODELS



A Taco Family Company

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