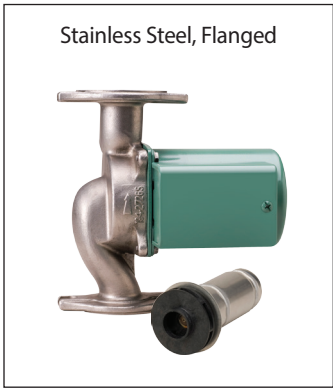
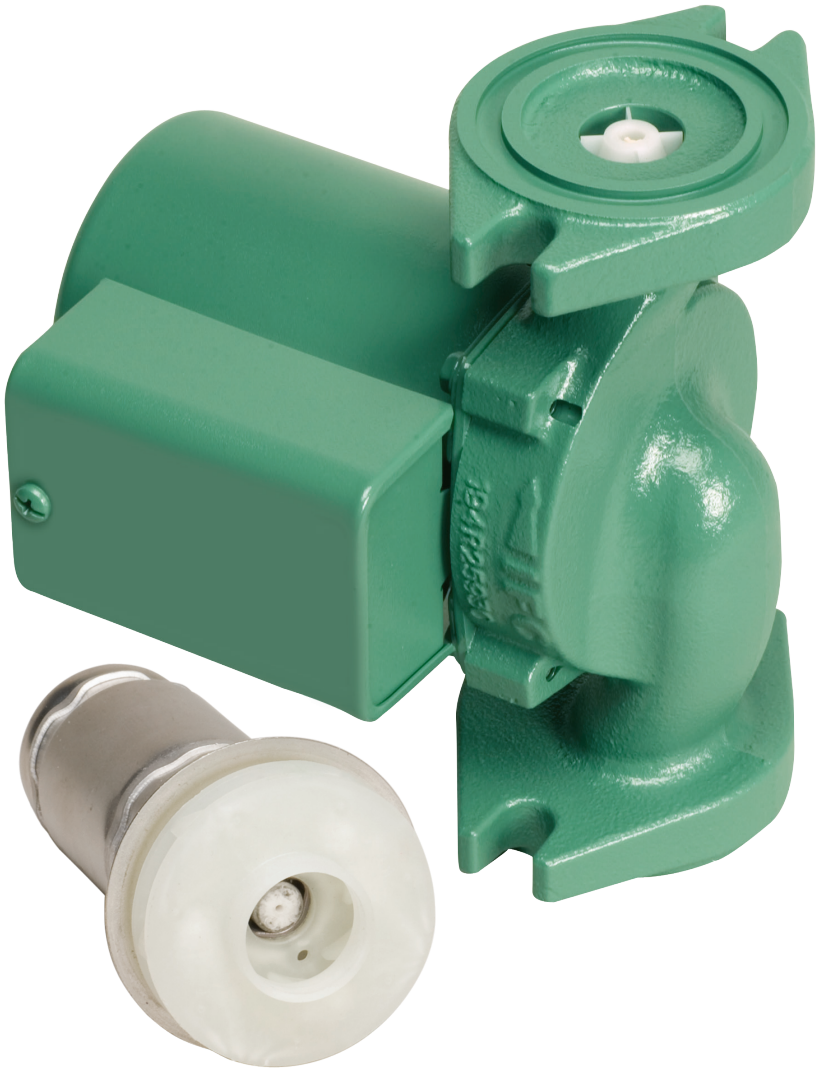


Model 008-IFC Cartridge Circulator

The 008-IFC features a removable Integral Flow Check designed to simplify piping, reduce installation costs and improve system performance. The spring-loaded IFC® replaces a separate in-line flow check to ensure protection against reverse flow and gravity flow.



Low-Lead
Compliant



Submittal Data Information Model 008-IFC Cartridge Circulator

Submittal Data # 101-078
Supersedes: 06/17/10

Effective: 04/16/13

Features

- Integral Flow Check (IFC*)
Simplifies piping
Prevents gravity flow and 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
- Cast Iron, Bronze or St. Steel construction
- Flanged or Sweat connections

Materials of Construction

Casing (Volute): Cast Iron, Low-Lead Bronze or Stainless Steel
Integral Flow Check (IFC*):
Body, Plunger..... Acetal
O-ring Seals..... EPDM
Spring..... Stainless Steel
Stator Housing:..... Steel
Cartridge:..... Stainless Steel
Impeller:..... Non-Metallic
Shaft:..... Ceramic
Bearings:..... Carbon
O-Ring & Gaskets:..... EPDM

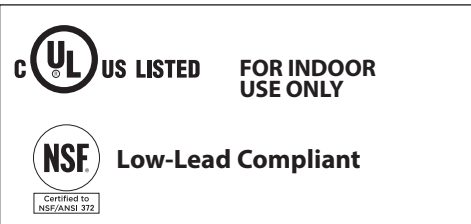
Model Nomenclature

F – Cast Iron, Flanged
SF – Stainless Steel, Flanged
BC – Bronze, Sweat, Panel Mount Tappings
IFC – Integral Flow Check

Performance Data

Max. Flow: 12.5 GPM
Max. Head: 15 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 or 3/4" Sweat

Certifications & Listings



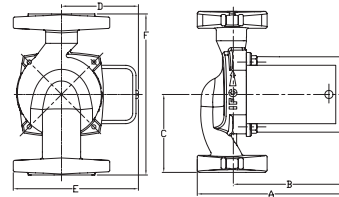
Application

- Hydronic Heating/Cooling
- Radiant
- Indirect Water Heaters
- Hydro-Air Fan Coils
- Domestic Water Recirculation (Bronze / Stainless Steel)

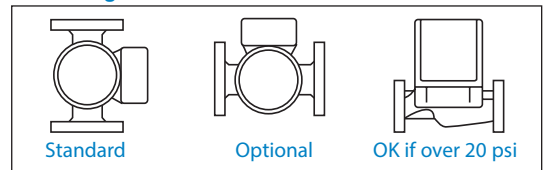
The 008-IFC is designed to simplify piping, reduce installation costs and improve system performance when zoning with 00" circulators. By locating the IFC inside the pump, a separate in-line flow check is eliminated. The low pressure drop of the IFC increases flow performance vs. in-line flow checks. Both the IFC and the cartridge are easily accessed for service.

Pump Dimensions & Weights

Models	Casing	Flange Type*	A		B		C		D		E		F		Ship Wt.	
			in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	Kg
008-F6-1 IFC	Cast Iron	R	5-15/16	151	4-1/2	114	3-3/16	81	2-15/16	75	5	127	6-3/8	162	9.0	4.0
008-F6- IFC	St. Steel	S	6	152	4	102	3-3/16	81	2-15/16	75	5	127	6-3/8	162	9.0	4.0
008-SF6-1 IFC	St. Steel	R	6	152	4	102	3-3/16	81	2-15/16	75	5	127	6-3/8	162	9.0	4.0
008-BC6-IFC	Bronze	---	5-5/8	143	4-9/16	116	3-3/16	81	2-15/16	75	4-11/16	119	6-3/8	162	9.0	4.0



Mounting Positions



Electrical Data

Model	Volts	Hz	Ph	Amps	RPM	HP
Cast Iron	115	60	1	.79	3250	1/25
Stainless Steel/Bronze	115	60	1	.84	3250	1/25

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 Type

