Model 00R-IFC® Radiant Heating Circulator

The 00R-IFC Radiant Heating Circulator is specifically designed for the flow and head requirements of today's Radiant heat systems. A removable Integral Flow Check (IFC®) is standard to simplify piping, prevent gravity flow/reverse flow, and improve system performance. An external LED Indicator light illuminates when the pump is operating. Available in Cast Iron or Stainless Steel construction.

LED indicator light

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NSF Certified to NSF/ANSI/CAN 372

Low-Lead Compliant

Taco®

Supersedes: 12/09/24

Effective Date: 08/03/25
Printed in USA

Submittal Data Information
Model 00R-IFC Radiant Heating Circulator

Submittal Data # 101-096
Supersedes: 12/09/24

Effective: 08/03/25

Features

- Specifically designed for radiant heating applications
- Integral Flow Check (IFC®)
  - Simplifies piping
  - Prevents gravity flow / reverse flow
  - Eliminates separate in-line flow check
  - Reduces installed cost
  - Improves performance
  - Easy to service
- LED indicator light (Cast Iron Model Only)
- Unique replaceable cartridge-field serviceable
- Unmatched reliability-maintenance free
- Quiet, efficient operation
- Self lubricating, no mechanical seal
- Cast iron or Stainless Steel construction, flanged connections

Materials of Construction

Casing (Volute): Cast Iron 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
IFC – Integral Flow Check

Performance Data

Flow Range: 0 - 12.5 GPM
Head Range: 0 - 15 Feet
Min. Fluid Temperature: 40˚F (4˚C)
Max. Fluid Temperature: 230˚F (110˚C)
Max. Working Pressure: 125 psi
Connection Sizes:
3/4", 1", 1-1/4", 1-1/2" Flanged

Certifications & Listings

c UL US LISTED **FOR INDOOR USE ONLY**

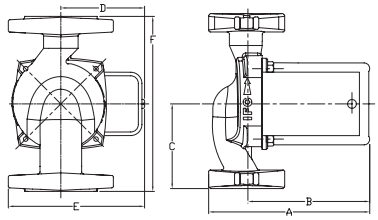
NSF Certified to NSF/ANSI/CAN 372 **Low-Lead Compliant**

Application

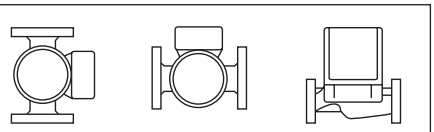
The 00R-IFC Radiant Heating Circulator with Integral Flow Check specifically fits the higher head and lower flow designs used in many Radiant Heating systems. The circulator's performance curve delivers flow that can be used in a wide combination of tube diameters and length of runs. The removable, spring loaded Integral Flow Check (IFC®) prevents gravity flow/reverse flow. By locating the IFC inside the pump casing, a separate in-line flow check is eliminated, simplifying piping and reducing installation costs. It also makes for a modern, clean looking job when mounting the pump in vertical runs of pipe, pumping away from the boiler. Both the IFC and cartridge are easily accessed for service instead of replacing the entire unit. Available in Cast Iron and Stainless Steel construction.

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
00R-F6-I 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
00R-SF6-I IFC	St. Steel	R	5-15/16	151	4-1/2	114	3-3/16	81	2-15/16	75	5	127	6-3/8	162	8.0	36.
00R-SF6 IFC	St. Steel	S	6	152	4	102	3-3/16	81	2-15/16	75	5	127	6-3/8	162	8.0	3.6



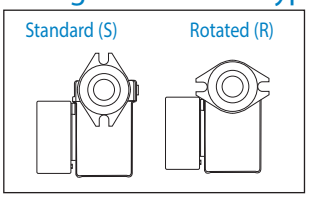
Mounting Positions



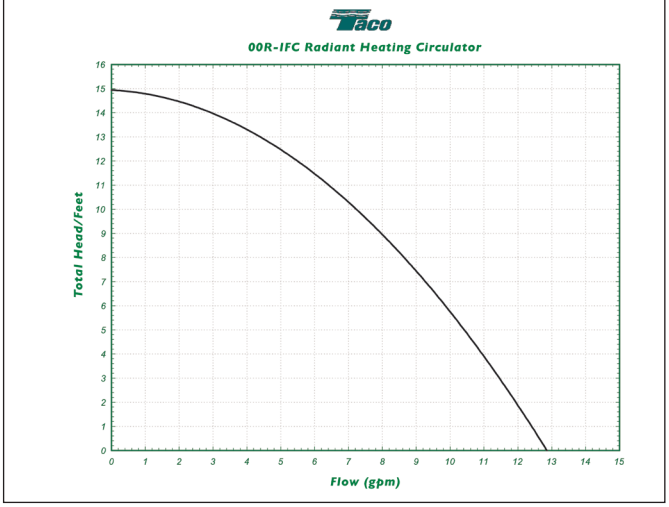
Electrical Data

Model	Volts	Hz	Ph	Amps	RPM	HP
Cast Iron	115	60	1	.71	3250	1/25
Stainless Steel	115	60	1	.75	3250	1/25
Motor Type	Permanent Split Capacitor Impedance Protected					

*Flange Orientation Type



Performance Field - 60Hz



Taco Inc., 1160 Cranston Street. Cranston, RI 02920 / (401) 942-8000
Taco (Canada) Ltd., 8450 Lawson Road, Unit #3, Milton, Ontario L9T 0J8 / (905) 564-9422
www.TacoComfort.com