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 to show the pump is operating. Available in Cast Iron or Stainless Steel construction.

Taco
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Supersedes: 4/1/06

Effective Date: 07/01/09
Printed in USA

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Submittal Data Information
Model 00R-IFC® Radiant Heating Circulator

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
- 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
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

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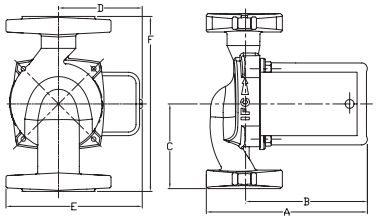
FOR INDOOR USE ONLY

Application

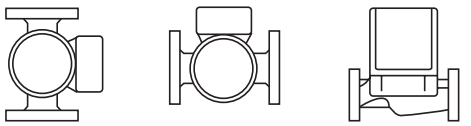
The 00R-IFC Radiant Heating circulator with Integral Flow Check specifically fits the higher head and lower flow designs used in many Radiant Heating systems. The circulator's performance curve delivers flow that can be used in a wide combination of tube diameters and length of runs. The removable, spring 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

		A		B		C		D		E		F		Ship Wt.	
Model	Casing	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	Kg
00R-F6-1 IFC	Cast Iron	5-15/16	151	4-1/2	114	3-3/16	81	2-15/16	75	5	127	6-3/8	162	9	4.0
00R-SF6-1 IFC	Stainless Steel	5-15/16	151	4-1/2	114	3-3/16	81	2-15/16	75	5	127	6-3/8	162	8	3.6
00R-SF6 IFC	Stainless Steel	6	152	4	102	3-3/16	81	2-15/16	75	5	127	6-3/8	162	8	3.6



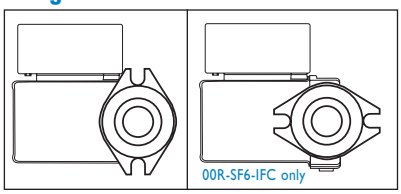
Mounting Positions



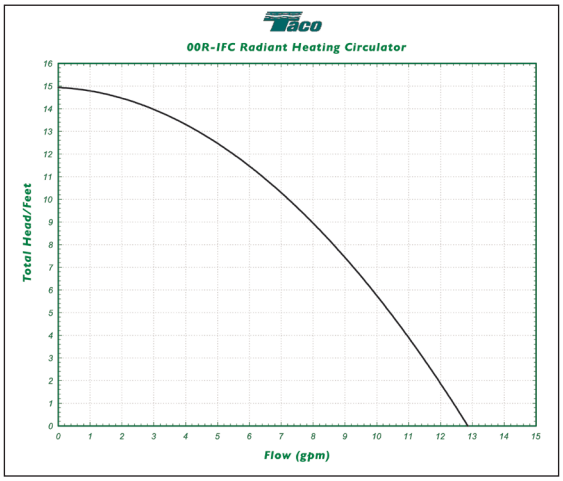
Electrical Data

Model	Volts	Hz	Ph	Amps	RPM	HP
Cast Iron	115	60	1	.79	3250	1/25
Stainless Steel	115	60	1	.84	3250	1/25
Motor Type	Permanent Split Capacitor Impedance Protected					

Flange Orientation



Performance Field - 60Hz



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