

Model 005 Cartridge Circulator

The compact Taco 005 Cartridge Circulator is designed for quiet, efficient operation in hydronic heating, chilled water, and domestic water systems. Its unique field-serviceable cartridge contains all moving parts. Replacing the cartridge rebuilds the circulator. With no mechanical seal, the self-lubricating, maintenance free design provides unmatched reliability. Flow characteristics for the 005 make it the ideal circulator for a wide range of applications. Available in Cast Iron or Stainless Steel construction.



Stainless Steel



Low-Lead
Compliant



Submittal Data Information Model 005 Cartridge Circulator

Submittal Data # 101-030
Supersedes: 06/01/11

Effective: 04/09/13

Features

- Standard High Capacity Output-Compact Design
- Quiet, Efficient Operation
- Unique Replaceable Cartridge - Field Serviceable
- Self Lubricating
- No Mechanical Seal
- Unmatched Reliability - Maintenance Free
- Universal Flange to Flange Dimensions
- Cast Iron or Stainless Steel Construction

Materials of Construction

Casing (Volute): Cast Iron or 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

Performance Data

Flow Range: 0 - 19 GPM
Head Range: 0 - 9 Feet
Min. Fluid Temperature: 40°F (4°C)
Max. Fluid Temperature, Cast Iron: 230°F (110°C)
Max. Fluid Temperature, St. Steel: 220°F (104°C)
Max. Working Pressure: 125 psi
Connection Sizes: 3/4", 1", 1-1/4", 1/2" Flanged

Certifications & Listings

UL US LISTED FOR INDOOR USE ONLY

NSF Low-Lead Compliant
Certified to NSF/ANSI 372

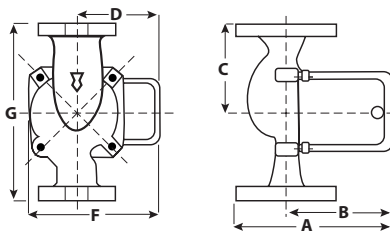
Application

- Hydronic Heating/Cooling
- Radiant
- Indirect Water Heaters
- Hydro Fan Coils
- Domestic Water Recirculation
- Solar Thermal

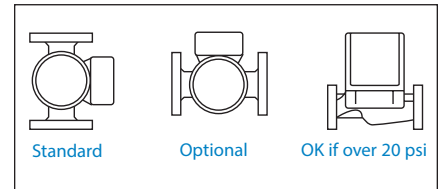
The Taco 005 is designed for a wide range of residential and light commercial water circulating applications. It's unique replaceable cartridge contains all of the moving parts and allows for easy service, instead of replacing the entire circulator. Compact, direct-drive, low power consumption design is ideal for high efficiency jobs.

Pump Dimensions & Weights

Model	Casing	A		B		C		D		F		G		Ship Wt.	
		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	Kg
005-F2	Cast Iron	5-5/8	143	4	102	3-3/16	81	2-15/16	75	4-3/4	121	6-3/8	162	7.0	3.2
005-SF2	Stainless Steel	5-5/8	143	4	102	3-3/16	81	2-15/16	75	4-3/4	121	6-3/8	162	7.0	3.2



Mounting Positions



Electrical Data

Model	Volts	Hz	Ph	Amps	RPM	HP
005-F2	115	60	1	.52	3250	1/35
005-SF2	115	60	1	.54	3250	1/35
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

