

Submittal Data Information

101-030

Model 005 Cartridge Circulator

Effective: June 1, 2011 Supersedes: June 15, 2009

Rep: _____ Contractor: _ _ Engineer: _

ITEM NO.	MODEL NO.	IMP. DIA. G.P.M.		HEAD/FT. H.P.		ELEC. CHAR.	

Features

- Standard High Capacity Output-Compact Design
- Quiet, Efficient Operation
- Direct Drive-Low Power Consumption
- Unique Replaceable Cartridge Design-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 Carbon Bearings:

O-Ring & Gaskets: EPDM

Model Nomenclature

F - Cast Iron, Flanged

SF - Stainless Steel, Flanged

Variations:

Z – Zoning Circulator

VR - Variable Speed Outdoor Reset

VS - Variable Speed Set Point

VV - Variable Speed Variable Voltage

| - Bronze Cartridge with Cast Iron Casing

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, Stainless Steel: 220°F (104°C)

Max. Working Pressure: 125 psi

Connection Sizes: 3/4", 1", 1-1/4", 1-1/2" Flanged



FOR INDOOR USE ONLY

NSF® ≤ .25% Lead

Complies with California Health and Safety Code Section 116875 / AB1953 and Vermont Act 193

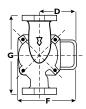
Application

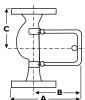
- Hydronic Heating/Cooling Hydro-Air Fan Coils
- Radiant
- Domestic Water Recirculation
- Indirect Water Heaters
- Solar Thermal

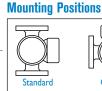
The Taco 005 is designed for a wide range of residential and light commercial water circulating applications. It's unique replaceable cartridge contains all of the moving parts and allows for easy service, instead of replacing the entire circulator. Compact, direct-drive, low power consumption design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

Pump Dimensions & Weights

				_											
		l l	4	В		С		D		F		G		Ship Wt.	
Model	Casing	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	8.0	3.6
005-SF2	St. 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











Electrical Data

Model	Volts	Hz	Ph	Amps	RPM	HP				
005-F2	115	60	ı	.52	3250	1/35				
005-SF	115	60	- 1	.54	3250	1/35				
Motor Type	Permanent Split Capacitor Impedance Protected									
M										

Flange Orientation



Fax: (905) 564-9436

Motor 220/50/1, 220/60/1, 230/60/1, 100/110/50/60/1 **Options**

Performance Field - 60Hz

