



# Submittal Data Information

101-033

## Model 0010 Cartridge Circulator

Effective: February 17, 2016

Supersedes: January 12, 2015

Job: \_\_\_\_\_ Engineer: \_\_\_\_\_ Contractor: \_\_\_\_\_ Rep: \_\_\_\_\_

ITEM NO.	MODEL NO.	

### 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

### Application

The Taco 0010 is designed for a wide range of large residential or light commercial water circulating applications. Typical uses include hydronic heating, radiant heating, primary-secondary loops, indirect water heaters, chilled water cooling, and potable hot water systems. The Stainless Steel 0010 is designed for all open-loop, fresh water systems. The 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 makes it ideal for high-efficiency jobs.

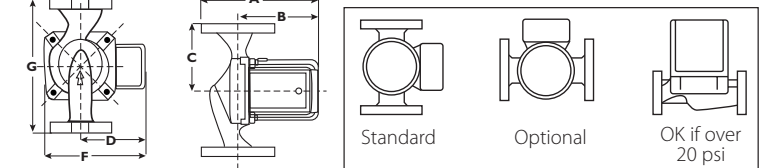
### Pump Dimensions & Weights

Models	Casing	A		B		C		D		F		G		Ship Wt.	
		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	Kg
0010-F3	Cast Iron	7-1/4	184	5-5/16	135	3-3/16	81	3-15/16	84	5-3/8	137	6-3/8	162	10	4.5
0010-SF3	St. Steel	7-1/4	184	5-5/16	135	3-3/16	81	3-15/16	84	5-1/8	137	6-3/8	162	9	4

### Materials of Construction

Casing (Volute): ..... Cast Iron or Stainless Steel  
 Stator Housing: ..... Aluminum  
 Cartridge: ..... Stainless Steel  
 Impeller: ..... Non-metallic  
 Shaft: ..... Ceramic  
 Bearings: ..... Carbon  
 O-Ring & Gaskets: ..... EPDM

### Mounting Positions



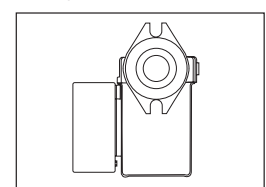
### Model Nomenclature

F – Cast Iron, Flanged  
 SF – Stainless Steel, Flanged

### Electrical Data

Model	Volts	Hz	Ph	Amps	RPM	HP
0010-F3	115	60	1	1.10	3250	1/8
0010-SF3	115	60	1	1.20	3250	1/8
Motor Type	Permanent Split Capacitor Impedance Protected					
Motor Options	220/50/1, 220/60/1, 230/60/1, 100/110/50/60/1					

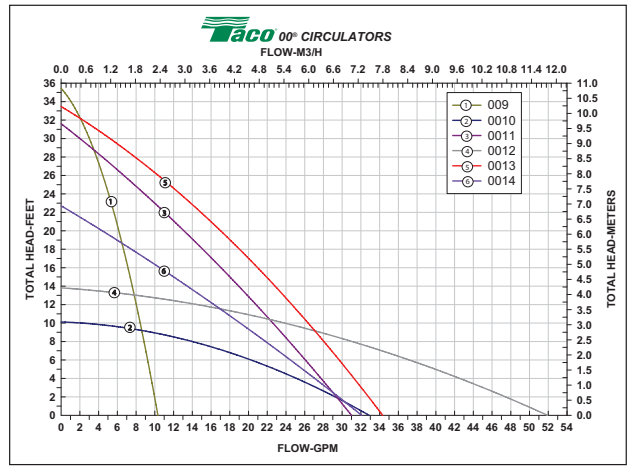
### Flange Orientation



### Performance Data

Max. Flow: 32 GPM  
 Max. Head: 10 Feet  
 Min. Fluid Temperature: 40°F (4°C)  
 Max. Fluid Temperature: 230°F (110°C)  
 Max. Working Pressure: 150 psi  
 Connection Sizes: 3/4", 1", 1-1/4", 1-1/2" Flanged

### Performance Field - 60Hz



### Certifications & Listings

**UL** US LISTED FOR INDOOR USE ONLY

**NSF** Low-Lead Compliant

Certified to NSF/ANSI 372



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