



# Submittal Data Information

101-034

## Model 0011 Cartridge Circulator

Effective: January 12, 2015

Supersedes: June 10, 2013

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

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

### Features

- Exclusive ACB Anti-condensate baffle with ambient air flow-Protects motor windings against condensate buildup
- High velocity performance — 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 St. Steel  
 Stator Housing:.....Aluminum  
 Cartridge:.....Stainless Steel  
 Impeller:.....Non-Metallic  
 Shaft:.....Ceramic  
 Bearings:.....Carbon  
 O-Ring & Gaskets:.....EPDM

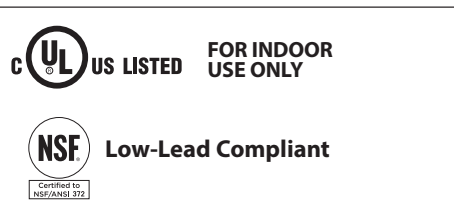
### Model Nomenclature

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

### Performance Data

Max. Flow: 31 GPM  
 Max. Head: 31 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

### Certifications & Listings



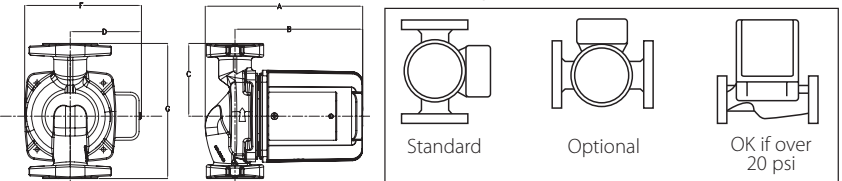
### Application

The Taco 0011 is specifically designed for high head / medium flow applications in large residential or light commercial closed loop hydronic heating and chilled water cooling systems. Ideal for high pressure drop boilers, fan coil units, heat exchangers, large radiant heating and heat recovery/geothermal systems. The Stainless Steel 0011 can be used on open loop systems. The unique replaceable cartridge contains all of the moving parts and allows for easy service instead of replacing the entire circulator. Universal flange to flange dimensions and orientation allows the 0011 to easily replace other models. Compact, 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
0011-F4	Cast Iron	7-1/2	191	6-1/8	156	3-1/2	89	3-3/8	86	5-5/8	143	6-1/2	165	12.0	5.5
0011-SF4	St. Steel	7-1/2	191	6-1/8	156	3-1/2	89	3-3/8	86	5-5/8	143	6-1/2	165	11.0	5.0

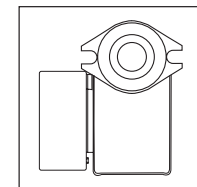
### Mounting Positions



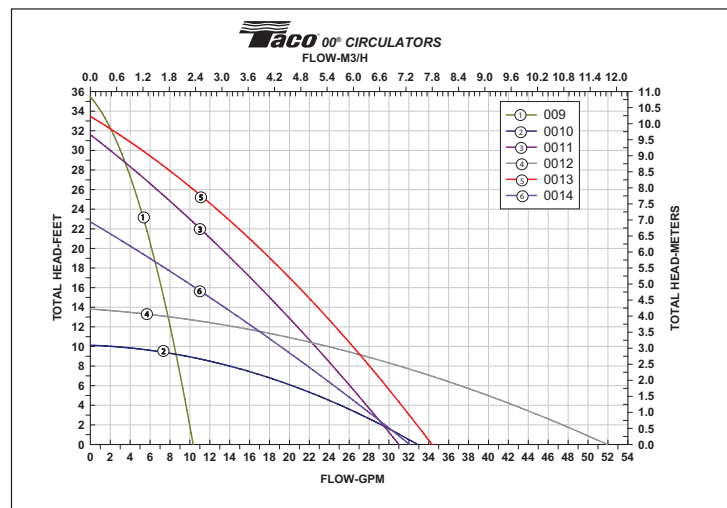
### Electrical Data

Model	Volts	Hz	Ph	Amps	RPM	HP
All Models	115	60	1	1.76	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 Field - 60Hz



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