



# Submittal Data Information

101-064

## Model 0013 Cartridge Circulator

Effective: January 12, 2015

Supersedes: June 13, 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

ACB Baffle:.....Non-Ferrous  
 Casing (Volute):.....Cast Iron or Stainless 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: 34 GPM  
 Max. Head: 33 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

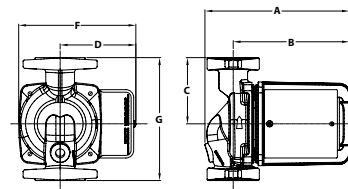


### Application

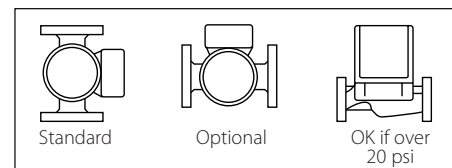
The Taco 0013 is specifically designed for high head / high flow applications in Large Residential and Light Commercial systems. Ideal for high pressure drop Boilers, Fan Coil units, Heat Exchangers, larger Radiant systems, Heat Recovery and Geothermal systems. The Stainless Steel 0013 should be used 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 0013 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
0013-F3	Cast Iron	7-1/2	191	6-1/8	156	3-1/2	89	3-3/8	86	6	152	6-1/2	165	12.0	5.5
0013-SF3	St. Steel	7-1/2	191	6-1/8	156	3-1/2	89	3-3/8	86	6	152	6-1/2	165	11.5	5.2



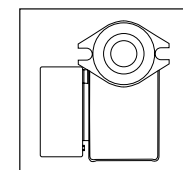
### Mounting Positions



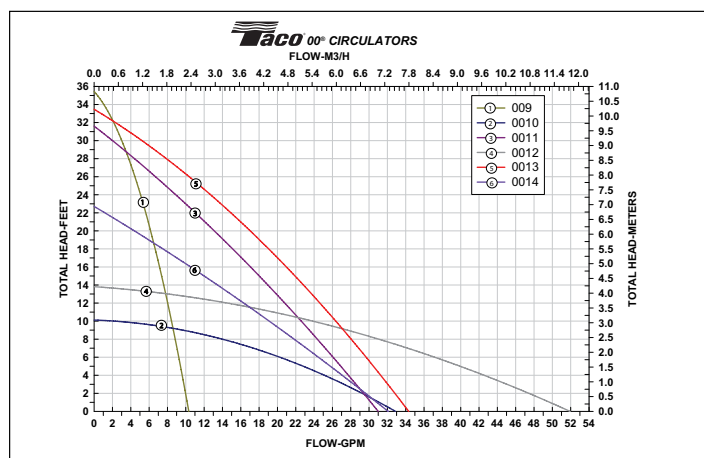
### Electrical Data

Model	Volts	Hz	Ph	Amps	RPM	HP
All Models	115	60	1	2.0	3250	1/6
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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