# **Model 0011 Cartridge Circulator**

The High Velocity series Taco 0011 Cartridge circulator is designed for high head/medium flow applications in residential or light commercial hydronic heating, radiant heating, and chilled water cooling systems. The unique ACB anti-condensate baffle with ambient air flow prevents the build up of condensate on the motor windings when pumping chilled water. Its unique field-serviceable cartridge contains all moving parts. Replacing the cartridge rebuilds the circulator. With no mechanical seal, the self-lubricating, maintenance free designprovides unmatched reliability. Compact and lightweight, with excellent performance characteristics, the 0011 is ideal for installations where space is a premium. Available in Cast Iron or Stainless Steel construction.









Low-Lead Compliant



©Taco Catalog # : 100-2.3 Supersedes: 08/02/11

# **Submittal Data Information Model 0011 Cartridge Circulator**

Exclusive ACB Anti-condensate baffle

• High velocity performance

· Quiet, Efficient operation

— compact design

— field serviceable

 Self lubricating · No mechanical seal

with ambient air flow-Protects motor

windings against condensate buildup

• Direct drive-Low power consumption

• Unique replaceable cartridge design

• Unmatched reliability-maintenance free • Universal flange to flange dimensions Cast Iron or Stainless Steel construction

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## **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**

				9											
Models	Casing	Α		В		С		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**



### **Materials of Construction**

**Features** 

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: 125 psi

Connection Sizes:

3/4", 1", 1-1/4", 1-1/2" Flanged

### **Certifications & Listings**



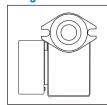


## **Electrical Data**

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

Effective: 06/10/13



### Performance Field - 60Hz

