

**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 design provides 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

# Submittal Data Information Model 0011 Cartridge Circulator

Submittal Data # 101-034  
Supersedes: 01/12/15

Effective: 11/24/15

## 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



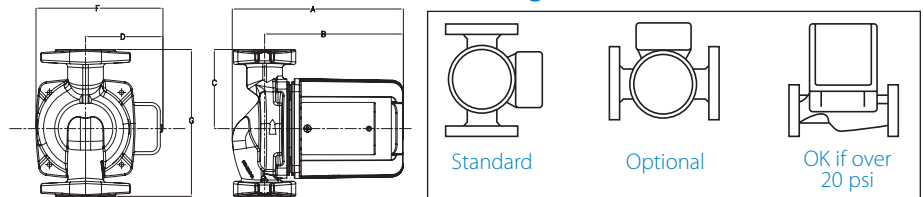
## Application

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 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 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

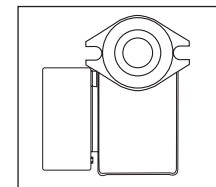
## Mounting Positions



## 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

