

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: 06/10/13

Effective: 01/12/15

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



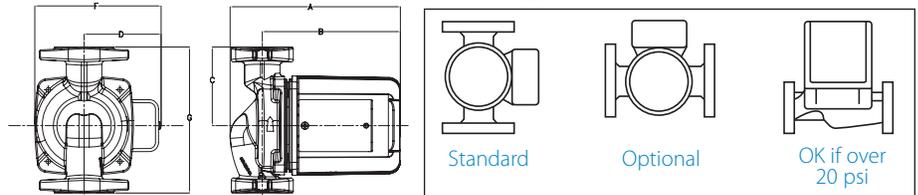
Application

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 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

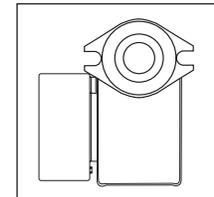
Mounting Positions



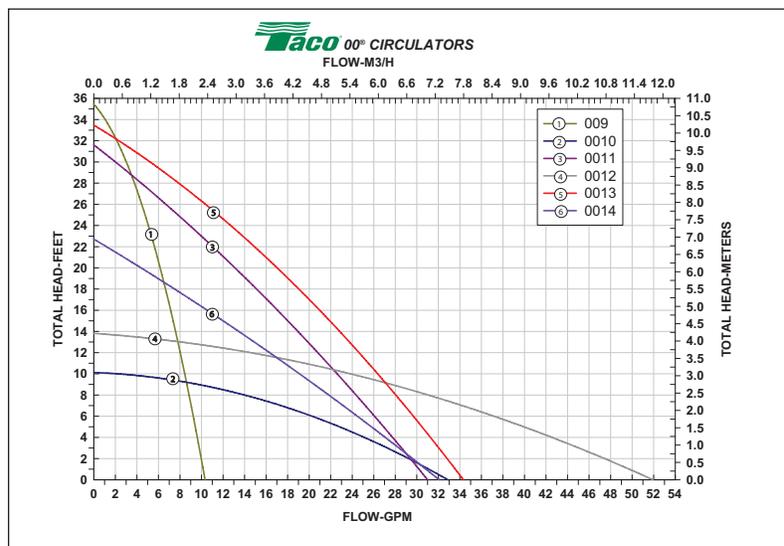
Electrical Data

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



Taco Inc., 1160 Cranston Street, Cranston, RI 02920 / (401) 942-8000 / Fax (401) 942-2360
Taco (Canada) Ltd., 8450 Lawson Road, Unit #3, Milton, Ontario L9T 0J8 / (905) 564-9422 / Fax (905) 564-9436
www.taco-hvac.com