

Model 006 Flanged Cartridge Circulator

The compact Taco 006 flanged cartridge circulator is designed for circulating hot and chilled water in a wide range of closed loop applications. 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 quiet, efficient operation and unmatched reliability. Available in cast iron, flanged construction. Now available with three Variable Speed control options. See Catalog# 100-24.



Ideal for **small heating zones**



Submittal Data Information

Model 006 Flanged Cartridge Circulator

Submittal Data # 101-097
Supersedes: 02/23/12

Effective: 01/15/14

Features

- Standard High Capacity Output-Compact Design
- Optional Variable Speed or Priority Zoning Control
- Quiet, Efficient Operation
- Direct Drive-Low Power Consumption
- Unique Replaceable Cartridge Design-Field Serviceable
- Self Lubricating
- No Mechanical Seal
- Unmatched Reliability-Maintenance Free
- Cast Iron, Flanged Construction

Materials of Construction

Casing (Volute):..... Cast Iron
Stator Housing:..... Steel
Cartridge:..... Stainless Steel
Impeller:..... Non-Metallic
Shaft:..... Ceramic
Bearings:..... Carbon
O-Ring & Gaskets:..... EPDM

Model Nomenclature

F – Cast Iron, Flanged
Variations:
Z – Zoning Circulator
VR – Variable Speed Outdoor Reset
VS – Variable Speed Set Point
VV – Variable Speed Variable Voltage
J – Bronze Cartridge with Cast Iron Casing

Performance Data

Max. Flow: 12.5 GPM
Max. Head: 8 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

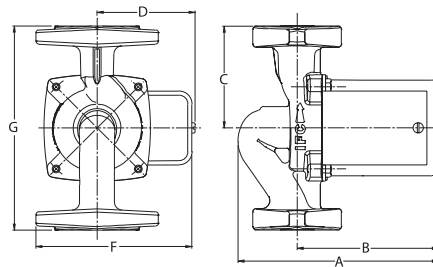


Application

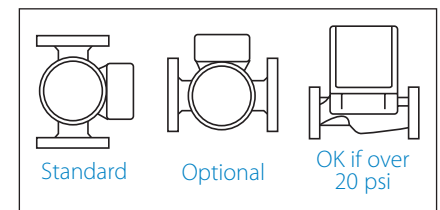
The 006 Flanged Cartridge Circulator is designed for the circulation of hot or chilled water in a wide range of closed loop applications. Typical uses include secondary hydronic heating zones, radiant heat injection, and hydro-air fan coil heating/cooling. The unique, replaceable cartridge contains all of the moving parts and allows for easy service instead of replacing the entire circulator. Available with optional Variable Speed control or Priority Zoning control with built-in transformer, relay, and priority switch in one complete package to make it ideal for zoning.

Pump Dimensions & Weights

Model	A		B		C		D		F		G		Ship Wt.	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	Kg
006-F4	6-1/4	159	4-3/8	111	3-3/16	78	2-15/16	75	4-7/8	124	6-3/8	162	7.0	3.2
006-ZF4-1	6-1/4	159	4-3/8	111	3-3/16	78	3-9/16	91	5-3/8	137	6-1/2	165	8.0	3.6



Mounting Positions



Electrical Data

Model	Volts	Hz	Ph	Amps	RPM	HP
006 All Models	115	60	1	.52	3250	1/40
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

