



# Submittal Data Information

101-065

## Model 0014 Cartridge Circulator

Effective: January 12, 2015

Supersedes: June 27, 2013

Job: \_\_\_\_\_ Engineer: \_\_\_\_\_ Contractor: \_\_\_\_\_ Rep: \_\_\_\_\_

| ITEM NO. | MODEL NO. | IMP. DIA. | G.P.M. | HEAD/FT. | H.P. | ELEC. CHAR. |
|----------|-----------|-----------|--------|----------|------|-------------|
|          |           |           |        |          |      |             |

### Features

- 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

### Application

The Taco 0014 is specifically designed for medium head/medium flow applications in large residential and light commercial systems. Ideal for large BTUH boilers, primary/secondary loops, commercial water heaters, and light commercial heating and cooling systems. The Stainless Steel 0014 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 0014 to easily replace other models. The compact, direct-drive, low power consumption design makes it ideal for high-efficiency jobs.

### Pump Dimensions & Weights

| Model    | Casing    | A     |     | B       |     | C     |    | D      |    | F     |     | G     |     | Ship Wt. |     |
|----------|-----------|-------|-----|---------|-----|-------|----|--------|----|-------|-----|-------|-----|----------|-----|
|          |           | in.   | mm  | in.     | mm  | in.   | mm | in.    | mm | in.   | mm  | in.   | mm  | lbs.     | Kg  |
| 0014-F1  | Cast Iron | 7-1/4 | 184 | 5-13/16 | 148 | 3-1/4 | 83 | 3-5/16 | 84 | 5-3/8 | 137 | 6-1/2 | 165 | 12.0     | 5.5 |
| 0014-SF1 | S. Steel  | 7-1/4 | 184 | 5-13/16 | 148 | 3-1/4 | 83 | 3-5/16 | 84 | 5-3/8 | 137 | 6-1/2 | 165 | 12.0     | 5.5 |

### Materials of Construction

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

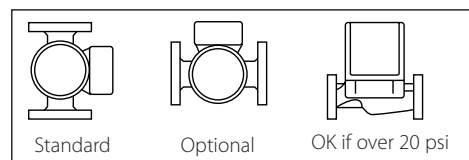
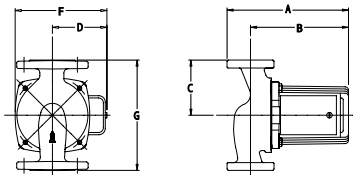
### Performance Data

Max. Flow: 32 GPM  
 Max. Head: 22 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



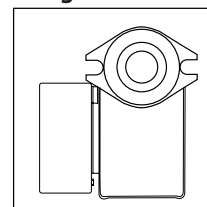
### Mounting Positions



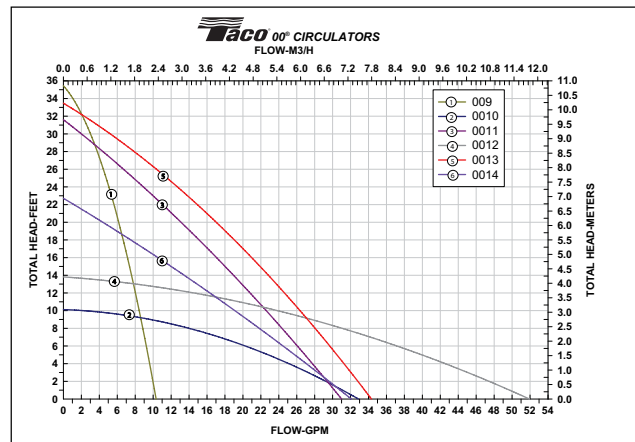
### Electrical Data

| Model         | Volts                                         | Hz | Ph | Amps | RPM  | HP  |
|---------------|-----------------------------------------------|----|----|------|------|-----|
| 0014-F1       | 115                                           | 60 | 1  | 1.45 | 3250 | 1/8 |
| 0014-SF1      | 115                                           | 60 | 1  | 1.45 | 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

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