

### Model 006 Cartridge Circulator

The compact Taco 006 Cartridge Circulator is designed for circulating hot and chilled fresh water in a wide range of open and closed loop applications. The unique, replaceable cartridge contains all moving parts. Replacing the cartridge rebuilds the circulator. Its self-lubricating, maintenance free design provides quiet, efficient operation and unmatched reliability. Available in low-lead Bronze sweat or Stainless Steel threaded or union connections.



Stainless Steel, Threaded



Stainless Steel, Union



Low-Lead Compliant



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Submittal Data # 101-028  
 Supersedes: 04/04/13

Effective: 03/20/17

### Features

- Standard high capacity output  
- 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
- Low-lead Bronze sweat or Stainless Steel with threaded or union connections

### Materials of Construction

Casing (Volute):.....Low-lead Bronze or Stainless Steel  
 Stator housing:.....Steel  
 Cartridge:.....Stainless Steel  
 Impeller: .....Non-metallic  
 Shaft:.....Ceramic  
 Bearings:.....Carbon  
 O-Ring & Gaskets: ....EPDM  
                                   Chlorine resistant

### Model Nomenclature

B - Bronze, 3/4" sweat  
 BC - Bronze, 1/2" sweat, panel mount tapings  
 ST - Stainless Steel, 3/4" NPT  
 SC - Stainless Steel, union, panel mount tapings

### Performance Data

Flow Range: 0 – 11 GPM  
 Head Range: 0 – 9.5 Feet  
 Min. Fluid Temperature: 40°F (4°C)  
 Max. Fluid Temperature: 220°F (104°C)  
 Max. Working Pressure: 125 psi  
 Connection sizes:  
 1/2" swt, 3/4" swt, 3/4" NPT or union

### Certifications & Listings



FOR INDOOR  
USE ONLY



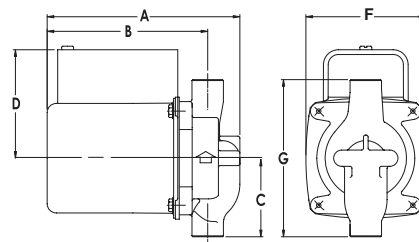
Low-Lead Compliant

### Application

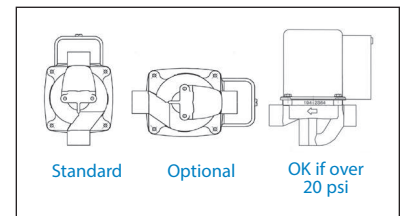
The Taco 006 is designed for circulating hot or chilled fresh water in open or closed loop applications. Typical uses include hydronic heating, domestic hot water recirculation, hydro-air heating/cooling, heat recovery units, water source heat pumps, drain down open loop Solar systems and potable water applications. The unique, replaceable cartridge contains all of the moving parts and allows for easy service instead of replacing the entire circulator. The compact, low power consumption design is ideal for high efficiency jobs.

### Pump Dimensions & Weights

| Models    | Conn.     | A      |     | B       |     | C       |    | D      |    | F       |    | G       |     | Ship Wt. |     |
|-----------|-----------|--------|-----|---------|-----|---------|----|--------|----|---------|----|---------|-----|----------|-----|
|           |           | in.    | mm  | in.     | mm  | in.     | mm | in.    | mm | in.     | mm | in.     | mm  | lbs.     | Kg  |
| 006-BC4   | 1/2" Swt. | 5-1/8  | 130 | 4-1/8   | 105 | 2-1/8   | 54 | 3-1/16 | 78 | 3-15/16 | 84 | 4-1/4   | 108 | 6.0      | 2.7 |
| 006-B4    | 3/4" Swt. | 5-1/8  | 130 | 4-1/8   | 105 | 2-3/16  | 56 | 3-1/16 | 78 | 3-15/16 | 84 | 4-3/8   | 111 | 6.0      | 2.7 |
| 006-ST4   | 3/4" NPT  | 5-5/8  | 143 | 4-7/8   | 124 | 2       | 51 | 3-1/16 | 78 | 3-15/16 | 84 | 4       | 102 | 6.0      | 2.7 |
| 006-SC4-1 | Union     | 5-5/32 | 131 | 4-11/32 | 110 | 2-31/32 | 76 | 3-1/16 | 78 | 3-15/16 | 84 | 5-15/16 | 151 | 6.0      | 2.7 |



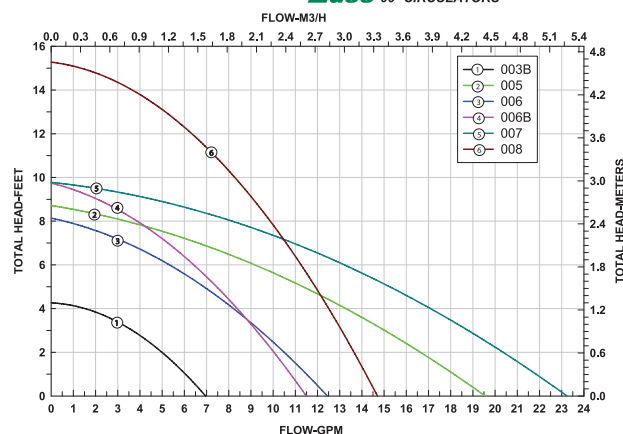
### Mounting Positions



### Electrical Data

| Model          | Volts                                            | Hz | Ph | Amps | RPM  | HP   |
|----------------|--------------------------------------------------|----|----|------|------|------|
| All 006 Models | 115                                              | 60 | 1  | .52  | 3250 | 1/40 |
| Motor Type     | Permanent Split Capacitor<br>Impedance Protected |    |    |      |      |      |
| Motor Options  | 220/50/1, 220/60/1, 230/60/1, 100/110/50/60/1    |    |    |      |      |      |

### Performance Field - 60Hz



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