



Submittal Data Information

101-064

Model 0013 Cartridge Circulator

Effective: November 24, 2024

Supersedes: January 12, 2015

Job: _____ Engineer: _____ Contractor: _____ Rep: _____

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

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

ACB Baffle.....Non-Ferrous
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: 34 GPM
Max. Head: 33 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

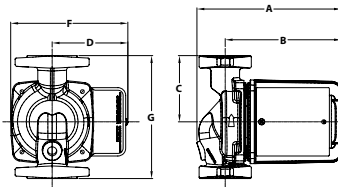


Application

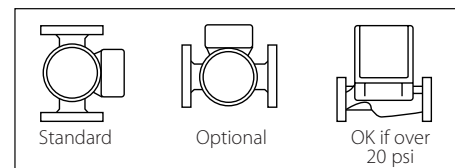
The Taco 0013 is specifically designed for high head / high flow applications in Large Residential and Light Commercial systems. Ideal for high pressure drop Boilers, Fan Coil units, Heat Exchangers, larger Radiant systems, Heat Recovery and Geothermal systems. The Stainless Steel 0013 should be used 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 0013 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 |
| 0013-F3 | Cast Iron | 7-1/2 | 191 | 6-1/8 | 156 | 3-1/2 | 89 | 3-3/8 | 86 | 6 | 152 | 6-1/2 | 165 | 12.0 | 5.5 |
| 0013-SF3 | St. Steel | 7-1/2 | 191 | 6-1/8 | 156 | 3-1/2 | 89 | 3-3/8 | 86 | 6 | 152 | 6-1/2 | 165 | 11.5 | 5.2 |



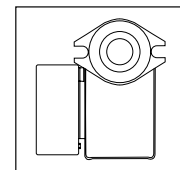
Mounting Positions



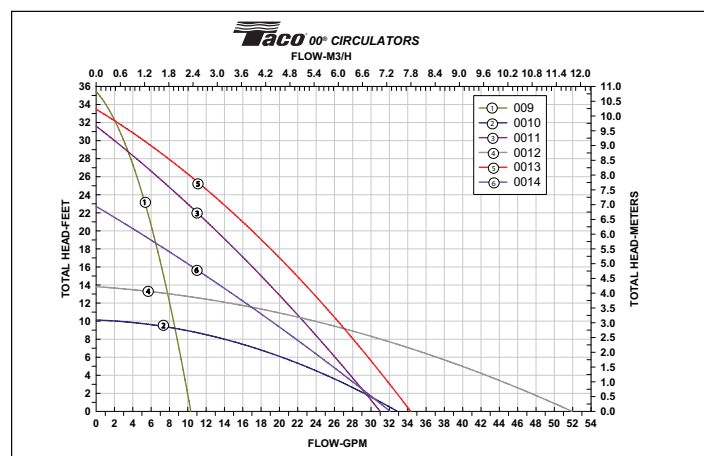
Electrical Data

| Model | Volts | Hz | Ph | Amps | RPM | HP |
|---------------|--|----|----|------|------|-----|
| All Models | 115 | 60 | 1 | 2.0 | 3250 | 1/6 |
| 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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