Submittal Data Information
Model 0012 Cartridge Circulator

Effective: January 12, 2015
Supersedes: May 31, 2013

Job: ____________________________ Engineer: ____________________________ Contractor: ____________________________ Rep: ____________________________

<table>
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<th>ITEM NO.</th>
<th>MODEL NO.</th>
<th>IMP. DIA.</th>
<th>G.P.M.</th>
<th>HEAD/FT.</th>
<th>H.P.</th>
<th>ELEC. CHAR.</th>
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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

Application

The Taco 0012 is specifically designed for high flow/medium head applications in large residential and light commercial systems. Ideal for large BTUH Boilers, 2" recirculation loops, Primary/Secondary loops, commercial water heaters and light commercial heating and cooling systems. The Stainless Steel 0012 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 0012 to easily replace other models. Compact, low power consumption design makes it ideal for high-efficiency jobs. The 0012-F4 is a direct replacement for the HV Series and the 0012-F4-1 is a direct replacement for the 2" Series using existing flanges.

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: 52 GPM
- Max. Head: 14.5 Feet
- Min. Fluid Temperature: 40˚F (4˚C)
- Max. Fluid Temperature: 230˚F (110˚C)
- Max. Working Pressure: 150 psi
- Connection Sizes: 1-1/4", 1-1/2"or 2" Flanged

Certifications & Listings

UL Listed
NSF
Low-Lead Compliant

Electrical Data

- Model 115 60 1 1.33 3250 1/8
- Motor Type: Permanent Split Capacitor
- Impedance Protected
- Motor Voltage Options: 220/50/1, 220/60/1, 230/60/1, 100/110/50/60/1

Performance Data — 60Hz

- Flow-GPM

Flange Orientation

Standard (S)
Rotated (R)