Submittal Data Information
Model 005 Cartridge Circulator

Effective: June 1, 2011
Supersedes: June 15, 2009

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
- Universal Flange to Flange Dimensions
- Cast Iron or Stainless Steel Construction

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

Model Nomenclature
F – Cast Iron, Flanged
SF – Stainless Steel, 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
Flow Range: 0 – 19 GPM
Head Range: 0 – 9 Feet
Min. Fluid Temperature: 40°F (4°C)
Max. Fluid Temperature, Cast Iron: 230°F (110°C)
Max. Fluid Temperature, Stainless Steel: 220°F (104°C)
Max. Working Pressure: 125 psi
Connection Sizes: 3/4", 1", 1-1/4", 1-1/2" Flanged

Application
- Hydronic Heating/Cooling
- Hydro-Air Fan Coils
- Radiant
- Domestic Water Recirculation
- Indirect Water Heaters
- Solar Thermal

The Taco 005 is designed for a wide range of residential and light commercial water circulating applications. It’s unique replaceable cartridge contains all of the moving parts and allows for easy service, instead of replacing the entire circulator. Compact, direct-drive, low power consumption design is ideal for high efficiency jobs.

Pump Dimensions & Weights

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<td>Cast Iron</td>
<td>5-5/8</td>
<td>4</td>
<td>102</td>
<td>3-3/16</td>
<td>81</td>
<td>2-15/16</td>
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<td>3-3/16</td>
<td>81</td>
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Electrical Data

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<th>Volts</th>
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<th>Amps</th>
<th>RPM</th>
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<td>52</td>
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<td>60</td>
<td>1</td>
<td>54</td>
<td>3250</td>
<td>1/35</td>
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Flange Orientation

Mounting Positions
Standard
Optional
OK if over 20 psi

NSF®

FOR INDOOR USE ONLY

NSF® ≤ 25% Lead
Complies with California Health and Safety Code Section 116875 / AB1953 and Vermont Act 193

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