Wastewater

FEATURES
Corrosion-resistant construction
Stainless Steel motor casing and fasteners
Glass-filled thermoplastic impeller and casing

Bearing: Upper and lower heavy duty ball bearing construction.
Motor is permanently lubricated for extended service life and is powered for continuous operation. All ratings are within the working limits of the motor.
Stainless steel shaft
Complete unit is light weight, portable and compact.

APPLICATIONS
Specially designed for the following uses:
• Basement draining
• Water transfer
• Dewatering

SPECIFICATIONS
Pump:
• Discharge size:
  SP024 - 1¼” NPT
  SP025 - 1½” NPT
  SP035 - 1½” NPT
• Capacities: to 40 GPM
• Maximum head: to 30 feet
• Temperature: 104° F (40° C) maximum, continuous when completely submerged.
• Solids handling: ¾” maximum spherical
• Float switch: built-in non-mercury Vertical or Piggyback Wide Angle.
• Manual model also available – SP035M
• Pumping range: 3.0”
• Maximum pump down - 1½” from base

MOTOR
• SP02: ¼ HP, 115 V, 60 Hz, single phase 3400 RPM, 2.4 amps maximum.
• SP03: ¼ HP, 115 V, 60 Hz, single phase, 3400 RPM, 3.0 amps maximum.
• Built-in thermal overload protection with automatic reset.
• Permanent-split-capacitor type
• Class B insulation
• Air filled design
• Stainless steel shaft
• Power cord: 10 foot standard length, heavy duty 16/3 SJTW with NEMA 5-15 P three prong grounding plug, 115V.

AGENCY LISTINGS
Tested to CSA 22.2 108 Standards
By Canadian Standards Association
File #LR38549

Underwriter’s Laboratories

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### PERFORMANCE RATINGS

#### SP02

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<thead>
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<th>Total Head (feet of water)</th>
<th>GPM</th>
<th>GPH</th>
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<tr>
<td>5</td>
<td>31</td>
<td>1,860</td>
</tr>
<tr>
<td>10</td>
<td>23</td>
<td>1,380</td>
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<tr>
<td>15</td>
<td>15</td>
<td>900</td>
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<td>20</td>
<td>5</td>
<td>300</td>
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#### SP03

<table>
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<th>Total Head (feet of water)</th>
<th>GPM</th>
<th>GPH</th>
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<tr>
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<td>41</td>
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<td>15</td>
<td>26</td>
<td>1,560</td>
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<td>20</td>
<td>17</td>
<td>1,020</td>
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<tr>
<td>25</td>
<td>8</td>
<td>480</td>
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### MODEL INFORMATION

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<th>Order No.</th>
<th>HP</th>
<th>Volts</th>
<th>Amps</th>
<th>Minimum Circuit Breaker</th>
<th>Phase</th>
<th>Float Switch Style</th>
<th>Cord Length</th>
<th>Discharge Connection</th>
<th>Min. On Level</th>
<th>Min. Off Level</th>
<th>Minimum Basin Diameter</th>
<th>Maximum Solids Size</th>
<th>Shipping Weight lbs/kg</th>
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<td>115</td>
<td>2.4</td>
<td>10</td>
<td>1</td>
<td>Built-In Vertical</td>
<td>10’</td>
<td>1/4”</td>
<td>6”</td>
<td>3”</td>
<td>9”</td>
<td>⅜”</td>
<td>8 / 3.6</td>
</tr>
<tr>
<td>SP024AT</td>
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<td>115</td>
<td>2.4</td>
<td>10</td>
<td>1</td>
<td>Piggyback Wide Angle</td>
<td>10’</td>
<td>1/4”</td>
<td>11”</td>
<td>5”</td>
<td>12”</td>
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<td></td>
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<tr>
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<td>3.0</td>
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<td>Built-In Vertical</td>
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<td>1/2”</td>
<td>6”</td>
<td>3”</td>
<td>9”</td>
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<td>10</td>
<td>1</td>
<td>Piggyback Wide Angle</td>
<td>10’</td>
<td>1/2”</td>
<td>11”</td>
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<td>12”</td>
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<td>1/2”</td>
<td>6”</td>
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<td>3.0</td>
<td>10</td>
<td>10</td>
<td>1</td>
<td>Piggyback Wide Angle</td>
<td>10’</td>
<td>1/2”</td>
<td>11”</td>
<td>5”</td>
<td>12”</td>
<td></td>
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</table>

### Diagram

**MODEL: SP02/SP03**
- **SIZE:** 1¼”, 1½”
- **RPM:** 3400
- **HP:** ⅛, ⅓
DIMENSIONS
(All dimensions are in inches. Do not use for construction purposes.)