RED JACKET SERIES

RSC

SUBMERSIBLE SUMP/EFFLUENT PUMP
**FEATURES**
- Corrosion-resistant construction
- Cast iron body
- Thermoplastic impeller and cover
- Replaceable power cord
- Bearings: Upper sleeve and lower heavy duty ball bearing construction.
- Built-In Vent Hole: Prevents air-binding with no added labor.
- Motor is permanently lubricated for extended service life and is powered for continuous operation. All ratings are within the working limits of the motor.
- Complete unit is heavy duty, portable and compact.
- Mechanical Seal: carbon/ceramic/Buna/stainless steel.
- Stainless steel fasteners and stainless steel pipe plug.

**APPLICATIONS**
- Specially designed for the following uses:
  - Basement draining
  - Water transfer
  - Dewatering
  - Effluent Transfer

**SPECIFICATIONS**

**Pump:**
- Discharge size: 1½" NPT
- Capacities: to 50 GPM.
- Maximum head: to 26 feet.
- Temperature: 104°F (40°C) maximum, continuous when completely submerged.
- Solids handling: ½" maximum sphere.
- Automatic models include a float switch.
- Manual model available.
- Pumping range: see performance chart or curve below.

**PERFORMANCE RATINGS**

<table>
<thead>
<tr>
<th>Total Head (feet of water)</th>
<th>GPM</th>
<th>GPH</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>50</td>
<td>3,000</td>
</tr>
<tr>
<td>10</td>
<td>40</td>
<td>2,340</td>
</tr>
<tr>
<td>15</td>
<td>28</td>
<td>1,680</td>
</tr>
<tr>
<td>20</td>
<td>15</td>
<td>900</td>
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**AGENCY LISTINGS**
- Tested to UL 778 and CSA 22.2 108 Standards
- By Canadian Standards Association
- File #227637

**MOTOR**
- RSC3: ½ HP, 115 V, 60 Hz, single phase, 3000 RPM, 12.0 amps maximum.
- Built-in thermal overload protection with automatic reset.
- Class B insulation
- Oil filled design
- High strength carbon steel shaft
- Power cord: Quick disconnect 10 foot standard length, heavy duty 16/3 SJTW with NEMA 5-15 P three prong grounding plug, 115V.
**Wastewater**

**Red Jacket Series**

**MODEL: RSC**

**RPM: 3000**

**HP: 1/3**

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**TOTAL DYNAMIC HEAD**

**METERS**

**FEET**

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**MODEL INFORMATION**

<table>
<thead>
<tr>
<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>Minimum On Level</th>
<th>Minimum Off Level</th>
<th>Minimum Basin Diameter</th>
<th>Maximum Solids Size</th>
<th>Shipping Weight lbs/kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>RSC31A1</td>
<td>1/3</td>
<td>115</td>
<td>12.0</td>
<td>20</td>
<td>1</td>
<td>Built-In Wide Angle</td>
<td>10'</td>
<td>1½&quot;</td>
<td>14&quot;</td>
<td>7&quot;</td>
<td>18&quot;</td>
<td>11&quot;</td>
<td>29 / 13.2</td>
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<tr>
<td>RSC31M</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td>Plug / No Switch</td>
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<tr>
<td>RSC31PV</td>
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<td>Piggyback Wide Angle</td>
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</tr>
<tr>
<td>RSC31P1</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>Piggyback Vertical</td>
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<td></td>
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