PE
SUBMERSIBLE EFFLUENT PUMP
FEATURES

• Corrosion resistant construction
• Cast iron body
• Thermoplastic impeller and cover
• Upper sleeve and lower heavy duty ball bearing construction
• Motor is permanently lubricated for extended service life
• Powered for continuous operation
• All ratings are within the working limits of the motor
• Quick disconnect power cord, 20’ standard length, heavy duty 16/3 SJTW with 115 or 230 volt grounding plug
• Complete unit is heavy duty, portable and compact
• Mechanical seal is carbon, ceramic, BUNA and stainless steel
• Stainless steel fasteners

APPLICATIONS

Specially designed for the following uses:
• Mound Systems
• Effluent/Dosing Systems
• Low Pressure Pipe Systems
• Basement Draining
• Heavy Duty Sump/Dewatering

SPECIFICATIONS

Pump - General:
• Discharge: 1½” NPT
• Temperature: 104°F (40°C) maximum, continuous when fully submerged.
• Solids handling: ¼” maximum sphere.
• Automatic models include a float switch.
• Manual models available.
• Pumping range: see performance chart or curve.

PE31 Pump:
• Maximum capacity: 53 GPM
• Maximum head: 25’ TDH

PE41 Pump:
• Maximum capacity: 61 GPM
• Maximum head: 29’ TDH

PE51 Pump:
• Maximum capacity: 70 GPM
• Maximum head: 37’ TDH

MOTOR

General:
• Single phase, 60 Hz, 115 and 230 volts
• Built-in thermal overload protection with automatic reset
• Class B insulation
• Oil-filled design
• High strength carbon steel shaft

PE31 Motor:
• .33 HP, 3000 RPM
• 115 volts
• Shaded pole design

PE41 Motor:
• .40 HP, 3400 RPM
• 115 and 230 volts
• PSC design

PE51 Motor:
• .50 HP, 3400 RPM
• 115 and 230 volts
• PSC design

AGENCY Listings

Tested to UL 778 and CSA 22.2 108 Standards
By Canadian Standards Association
File #LR38549
Wastewater

PUMP 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>
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<th>Cord Length</th>
<th>Discharge Connection</th>
<th>Minimum Basin Diameter</th>
<th>Maximum Solids Size</th>
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PERFORMANCE RATINGS

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DIMENSIONS
(All dimensions are in inches. Do not use for construction purposes.)

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