

## Wastewater

### 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: ½" 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 Hertz
- 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

### PUMP INFORMATION

Order No.	HP	Volts	Amps	Minimum Circuit Breaker	Phase	Float Switch Style	Cord Length	Discharge Connection	Minimum Basin Diameter	Maximum Solids Size	Shipping Weight lbs/kg
PE31M	0.33	115	12	20	1	Manual / No Switch	20'	1.5"	18"	.5"	31 / 14.1
PE31P1			Piggyback Float Switch								
PE41M	0.4	230	7.5	15		Manual / No Switch					
PE41P1			Piggyback Float Switch								
PE42M	0.5	115	3.7	10		Manual / No Switch					
PE42P1						Piggyback Float Switch					
PE51M	0.5	230	9.5	20	Manual / No Switch						
PE51P1					Piggyback Float Switch						
PE52M	0.5	115	4.7	10	Manual / No Switch						
PE52P1					Piggyback Float Switch						