Liberty Pumps

PRG-Series

Grinder Pump

1 hp
2" Discharge

Designed for residential sewage applications

Higher flow rates allow use with 2" discharge lines

Operates on standard 115 or 230 volt 20 amp circuits

Features:
- Heavy cast iron construction
- 115V or 230V single phase
- Patented V-Slice® cutter technology
- Shreds difficult solids such as feminine products, rags, towels and wipes that can jam a solids-handling style pump
- Hardened stainless steel cutter and plate
- Oil-filled, thermally protected motor
- PRG-Series residential grinders can be used as a replacement pump in 2" discharge systems using LE40 and LE50-series solids-handling pumps.*

*Consult factory with actual application and head specifications prior to replacing LE40 and LE50-series pumps.

Models:
PRG101M 115V, 12a, Manual
PRG101A 115V, 12a, Automatic, wide-angle
PRG101AV 115V, 12a, Automatic, vertical float
PRG102M 230V, 6a, Manual
PRG102A 230V, 6a, Automatic

Vertical Float Model PRG101AV

Patent: See www.libertypumps.com/patents
PRG-Series
1 hp Grinder Pump

Impeller
Cast Iron, Class 25

Paint
Powder Coat

Max Liquid Temp.
60°C / 140°F

Motor
CSCR style, Class B windings.
Oil-filled, thermally protected

Power Cord Type
SJTW, quick disconnect design 10’ standard length. (25’ Optional)

Motor Housing
Cast Iron, Class 30

Volute
Cast Iron, Class 30

Shaft
303 Series Stainless Steel

Hardware
Stainless Steel

Mechanical Shaft Seal
Unitized Silicon Carbide

Bearings
Upper and lower, ball bearings

Cutter and Cutter Plate
V-Slice® design. 440 Stainless Steel hardened to Rockwell 57c

Switch (automatic models)
Mechanical wide angle float with series (piggyback) plug

MODELS HP VOLTS PHASE Hz. AMPS CORD LENGTH DISCHARGE AUTOMATIC WEIGHT LBS.
PRG101A 1 115 1 60 12 10’ 2” Wide-Angle 58
PRG101AV 1 115 1 60 12 10’ 2” Vertical Float 58
PRG101M 1 115 1 60 12 10’ 2” No 57
PRG102A 1 230 1 60 6 10’ 2” Wide-Angle 58
PRG102M 1 230 1 60 6 10’ 2” No 57

For optional 25’ power cords, add a “-2” suffix to model number. Example: PRG101A-2

Maximum Fluid Temperature: 140°F (60°C)

V-Slice® Cutter Technology
Shreds difficult solids—such as feminine products, wipes, rags and other debris.

Patent: See www.libertypumps.com/patents

DIMENSIONAL DATA

PERFORMANCE CURVE
60 Hz., 3400 RPM

Specifications subject to change without notice.

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