

PRG-SERIES

Grinder Pump

Liberty Pumps®

A Family and Employee Owned Company

1 hp 2" Discharge

Designed for sewage applications

Higher flow rates allow use with
2" discharge lines

Operates on standard 115V or 230V
20A circuits

Features

- Heavy cast iron construction
- 115V or 230V 1-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 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.*



Model PRG101A

Patent: See
LibertyPumps.com/patents

Models

PRG101M	115V, 12A, Manual
PRG101A	115V, 12A, Automatic, wide-angle
PRG101AV	115V, 12A, Automatic, vertical float switch
PRG102M	230V, 6A, Manual
PRG102A	230V, 6A, Automatic



Vertical Float Switch
Model PRG101AV



innovate. evolve.

PRG-Series

Impeller

Cast iron, class 25 vortex style

Paint

Powder coat

Max Fluid Temperature

140°F (60°C) Intermittent
104°F (40°C) Continuous duty

Motor Specifications

1 hp 12A (115V) 6A (230V)
CSCR style, class B windings
Oil-filled, thermally protected

Power Cord Type

SJTW Quick-connect design
10' Standard length (25' optional)

Motor Housing

Class 30 cast iron

Shaft

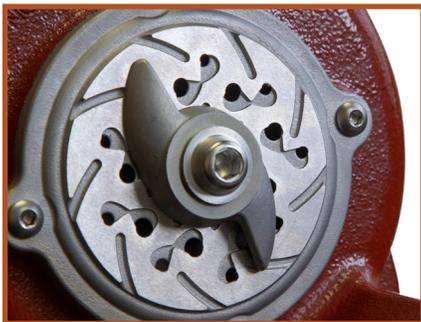
303 Series stainless steel

Volute

Class 30 cast iron

V-Slice® Cutter Technology

Shreds difficult solids such as feminine products, wipes, rags, and other debris.



440 Series stainless steel hardened to Rockwell 57c

Patent: See LibertyPumps.com/patents

Models

MODEL	HP	VOLTS	PHASE	Hz	AMPS	CORD LENGTH	DISCHARGE	AUTOMATIC	WEIGHT
PRG101A	1	115	1	60	12	10'	2"	Wide-Angle	58 lbs
PRG101AV	1	115	1	60	12	10'	2"	Vertical Float Switch	58 lbs
PRG101M	1	115	1	60	12	10'	2"	No	57 lbs
PRG102A	1	230	1	60	6	10'	2"	Wide-Angle	58 lbs
PRG102M	1	230	1	60	6	10'	2"	No	57 lbs

For optional 25' power cords, add a "-2" suffix to model number. Example: PRG101A-2

Hardware

Stainless steel

Mechanical Shaft Seal

Unitized graphite impregnated silicon carbide

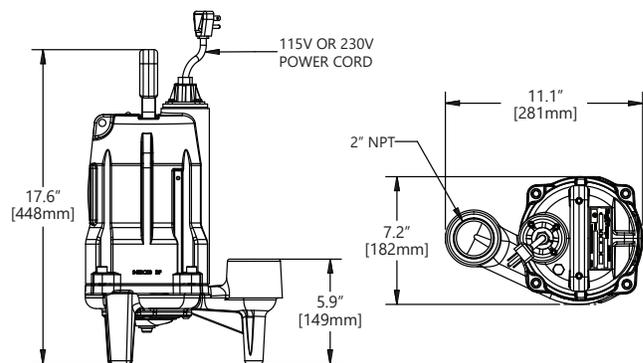
Bearings

Upper and lower ball bearings

Float Switch (automatic models)

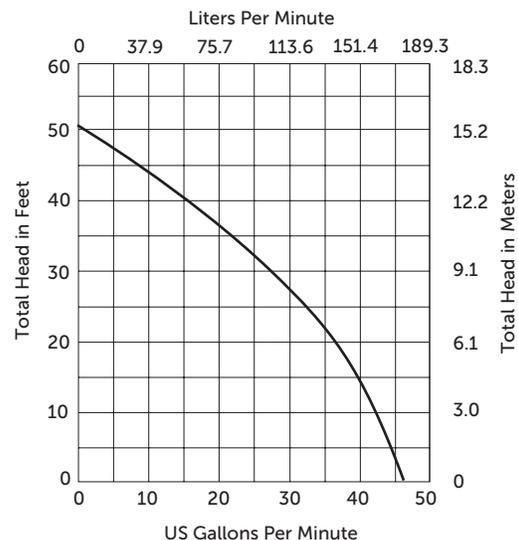
Mechanical wide-angle float switch with series (piggyback) plug

Dimensional Data



Performance Curve

60 Hz, 3450 RPM



Specifications subject to change without notice.

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