



STOP FLOOD DAMAGE BEFORE IT EVER STARTS™

Grinder Pump

2 HP - 50 GPM

Designed to grind and pump sewage containing non-organic materials such as disposable wipes, tissue paper, and sanitary napkins.

A cutter inside the inlet will grind materials into small particles. The powerful 2 HP motor and engineered cutting system reduces clogging risk and makes discharge smoother.

Features

- Vortex impeller reduces clogging
- Special stainless steel cutter with heavy abrasive resistance
- Reliable and durable double mechanical seal
- Internal disc overload protection protects pump from overheating or other mechanical fault
- High head enables moving water to far distance
- Piggyback tethered float switch for automatic or manual operation
- 230 volt, single phase, 3450 RPM, 15 AMPs

Typical Applications

- Pressurized sewage treatment system
- Community sewage system
- Domestic wastewater
- Waste water and sewage discharge for paper mill, textile factory and food processing



PRODUCT	DESCRIPTION	MODEL
22400	GRINDER PUMP, 2 HP, Tethered Float Switch, 20' cords	FSGP200

APPLICATION

Submersible grinder pump for typical residential applications

Voltage	230
Amps	15
Hertz	60
Phase	Single
RPM	3450 RPM
Motor Type	CSCR
Insulation	Class B
Circuit Requirments	20 AMP
Duty Rating	Continuous*
Shaft Seal	Mechanical seal
Motor Shaft	Stainless steel
Upper Motor Bearing	Ball bearing
Lower Motor Bearing	Ball bearing
Cooling	Oil cooled
Motor Protection	Auto reset thermal overload protector

*For continuous, the water depth must be at least 15" to prevent the motor from overheating

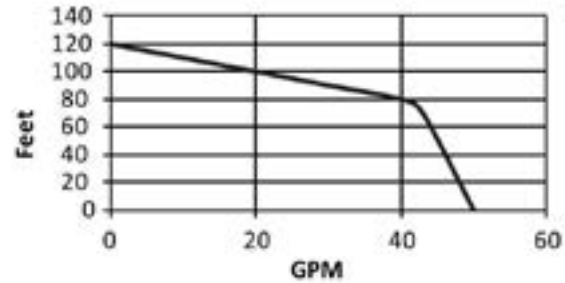
PUMP SPECIFICATIONS

Discharge Size	1-1/4" FNPT
Cord Length	20'
Cord Type	SJTO 14AWG/3C, UL list
Pump Housing	Cast iron
Pump Base	Cast iron
Impeller Material	Cast iron
Gasket	Rubber
Solids Handling	1/10" spherical
Liquid Temp. Range	32°-104°F
Operation	Automatic/Manual
Fasteners	Stainless steel

AUTOMATIC SWITCH SPECIFICATIONS

Type	Tethered
Switch On Point	Installation configurable
Switch Off Point	Installation configurable
Material	Thermoplastic
Cord Length	20'
Cord Type	SJOW 16AWG/2C, UL list
Sump Basin	Min. 10 in. diameter, 14 in. depth

PERFORMANCE



MODEL	HP	DISCHARGE HEIGHT (ft)	0	70	80	90	100	110	120
FSGP200	2	GPM	50	43	40	30	20	10	0
		GPH	3000	2580	2400	1800	1200	600	0

DIMENSIONS

