250-SERIES

Submersible Sump/Effluent Pump

Liberty Pumps®

A Family and Employee Owned Company

1/3 hp
1-1/2" Discharge
1/2" Solids Handling

Rugged and dependable heavy-duty cast iron pump with powder coat finish.

Features

- Unique one-piece cast body eliminates motor housing seal ring
- Durable epoxy powder coat finish
- Vortex style impeller
- Permanently sealed and lubricated bearings
- Quick-connect 10' standard power cord allows replacement of cord in seconds without breaking seals to motor (other lengths available)
- Heavy-duty Vertical Magnetic Float (VMF) on vertical float switch models

Models

250	Manual
251	Wide-Angle Float switch
253	Wide-Angle Float switch, Series Plug
257	VMF, Vertical Magnetic Float switch

Wide-angle float switches are mercury-free, mechanically activated.

Available with Wide-Angle Float Switch and Piggyback Plug

SSPMA CERTIFIED

C SP US

innovate. evolve.

250-Series

Impeller

Vortex style engineered polymer

Paint

Powder coat

Max Fluid Temperature

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

Power Cord Type

SJTW (10' and 25' models)
SJTOOW (35' and 50' models)

Motor Housing

Class 25 cast iron

Shaft

Stainless

Hardware

Stainless

Mechanical Shaft Seal

Engineered double lip seal

Bearings

Upper and lower ball bearings

Dimensional Data

Weight: 20 lbs (Model 257)
Height: 10-1/2"
Major Width: 9-3/5" (Model 250)

Motor Specifications

1/3 hp 115V 5.2A
Thermally protected and permanently lubricated
Permanent Split Capacitor (PSC)

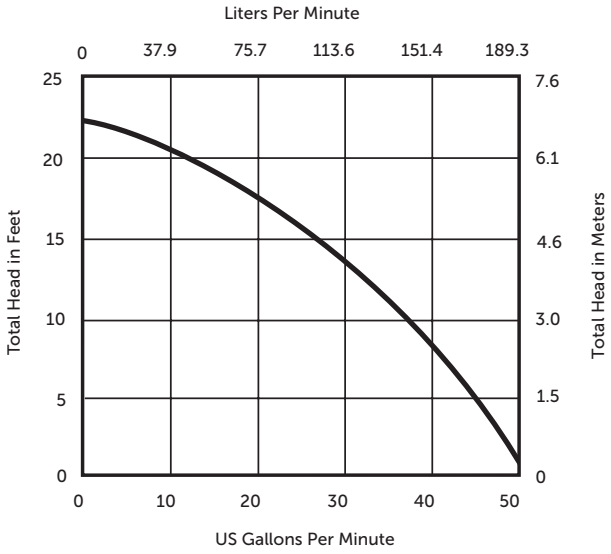
Cord Lengths

MODEL	10'	25'[-2]	35'[-3]	50'[-5]
250	Standard	Optional	Optional	Optional
251	Standard	Optional	Optional	Optional
253	Standard	Optional	Optional	N/A
257	Standard	Optional	N/A	N/A

10' cord length standard on all models. For optional lengths, add "-2, -3 or -5" suffix to model number.
Example: for model 250 with 35' cord, order 250-3

Performance Curve

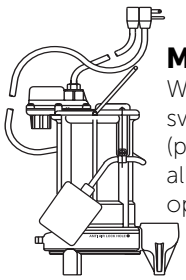
60 Hz, 3450 RPM



Effluent Models

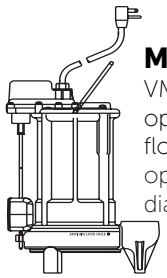
Model 250
Manual, no float switch

Model 251
Quick-connect wide-angle float switch, mercury-free



Model 253
Wide-angle float switch with series (piggyback) plug, allows manual operation of pump

Sump Models



Model 257
VMF, magnetically operated vertical float switch – operates in a 10" diameter sump

Specifications subject to change without notice.

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