

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

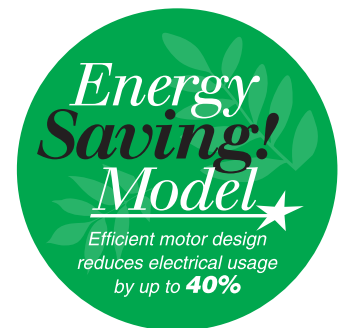
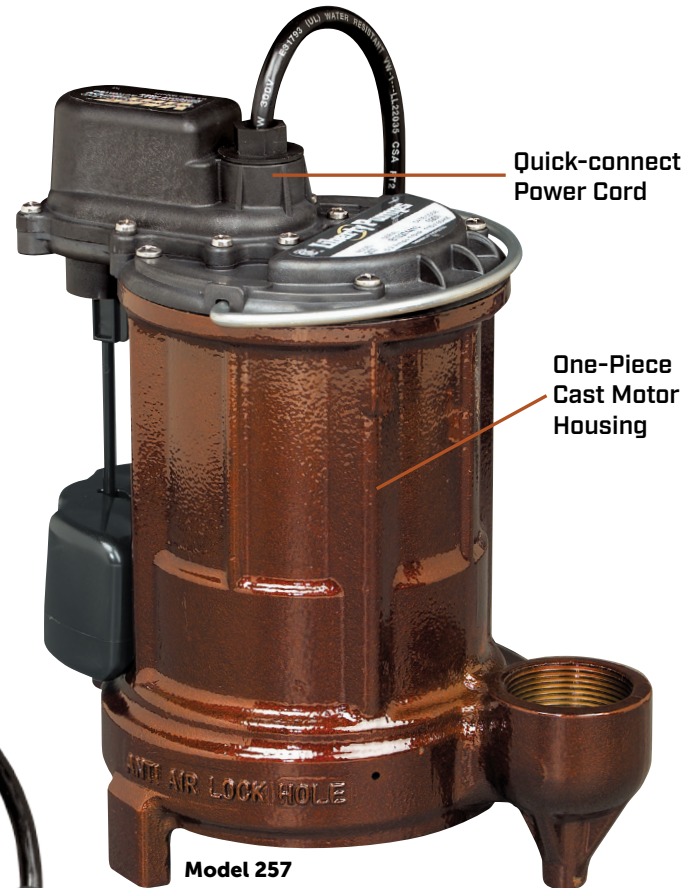
Rugged and dependable heavy-duty cast iron pump with powder coat finish for sump and effluent applications.

Features

- Unique one-piece cast body eliminates motor housing seal ring
- Stainless steel hardware
- Stainless steel rotor shaft
- Durable powder coat finish
- Vortex style impeller
- Permanently sealed and lubricated bearings
- Quick-connect power cord allows replacement of cord in seconds without breaking seals to motor

Available switches:

- Manual (No switch)
- Heavy-duty Vertical Magnetic Float (VMF)
- Integral wide-angle float
- Wide-angle float with piggyback plug



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250-Series

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

Mechanical Shaft Seal

Engineered double lip seal

Bearings

Upper and lower ball bearings

Motor Specifications

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

Dimensional Data

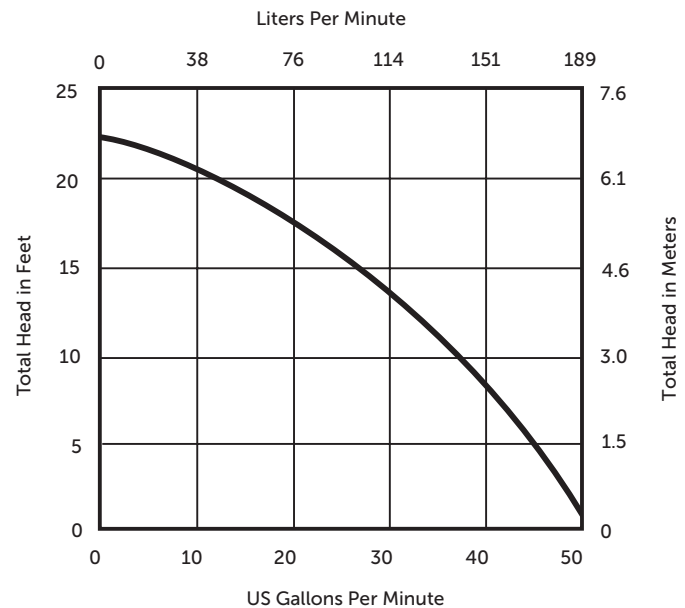
Weight: 20 lbs (Model 257)

Height: 10-1/2"

Major Width: 9-3/5" (Model 250)

Performance Curve

60 Hz, 3450 RPM



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

Models

MODELS	HP	VOLTS	PHASE	AMPS	AUTOMATIC	SWITCH TYPE	WEIGHT IN LBS
250	1/3	115	1	5.2	No	Manual	21
250HV	1/3	230	1	2.6	No	Manual	21
250-P	1/3	115	1	5.2	No	Vertical Piggyback (unmounted)	21
251	1/3	115	1	5.2	Yes	Integral Wide-Angle	23
251HV	1/3	230	1	2.6	Yes	Integral Wide-Angle	24
253	1/3	115	1	5.2	Yes	Wide-Angle Piggyback	24
253HV	1/3	230	1	2.6	Yes	Wide-Angle Piggyback	24
257	1/3	115	1	5.2	Yes	Vertical Magnetic Float	21
257HV	1/3	230	1	2.6	Yes	Vertical Magnetic Float	21

Consult engineering spec sheets for more data.