LE50-SERIES

Sewage Pumps

Liberty Pumps®

A Family and Employee Owned Company

1/2 hp

2" Solids handling

118 GPM at 10' TDH

25' Maximum head

Features

- Heavy cast iron construction
- Oil-filled, thermally protected motor
- Permanently lubricated ball bearings
- 2 Vane corrosion resistant engineered thermoplastic elastomer impeller
- All stainless steel fasteners and rotor shaft
- Quick-connect 10' standard power cord allows replacement of cord in seconds without breaking seals to motor. (25' length optional. 35' and 50' bare lead cords available.)





Vertical float switch models available in 115V

SSPMA CERTIFIED

C SP US

innovate. evolve.

LE50-Series

Impeller

2 Vane semi-open capable of passing a 2" spherical solid

Paint

Powder coat

Max Fluid Temperature

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

Motor

Submersible type, oil-filled, hermetically sealed, thermally protected

Power Cord Type

SJTW, Quick-connect 10' standard length (25' cord option)
SJOOW, bare lead 35' and 50' cords available

Motor Housing

Class 25 cast iron

Volute

Class 25 cast iron

Dimensional Data

Weight: LE51M: 42 lbs
Height: 14"
Major Width: 11.5" (manual models)

Shaft

Stainless

Hardware

Stainless

Mechanical Shaft Seal

Carbon ceramic

Bearings

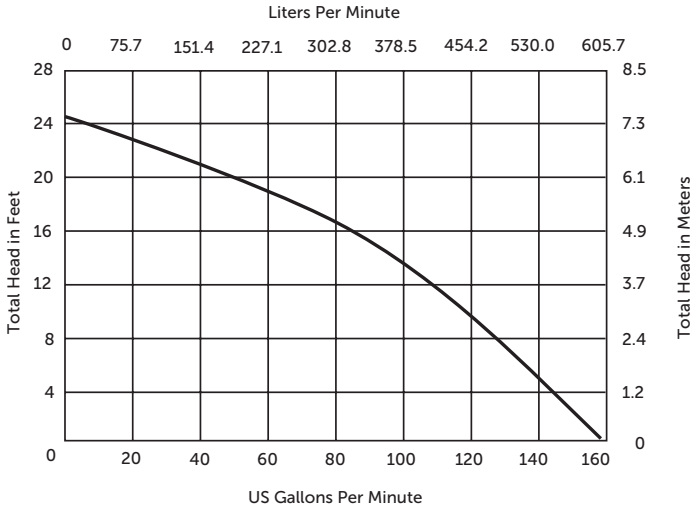
Upper and lower ball bearings

Float Switch (automatic models)

Wide-angle and vertical float switch available

Performance Curve

60 Hz, 1725 RPM



Models

MODELS	HP	VOLTS	PHASE	AMPS	DISCHARGE SIZE	AUTOMATIC	IMPELLER
LE51M	1/2	115	1	12	2" FNPT	No	2 Vane Semi-Open
LE51A	1/2	115	1	12	2" FNPT	Wide-Angle Float Switch	2 Vane Semi-Open
LE51AV	1/2	115	1	12	2" FNPT	Vertical Float Switch	2 Vane Semi-Open
LE52M	1/2	208–230	1	6.8	2" FNPT	No	2 Vane Semi-Open
LE52A	1/2	208–230	1	6.8	2" FNPT	Wide-Angle Float Switch	2 Vane Semi-Open

10' cord standard on above models.
For 25' cord options, add a "-2" suffix to model number. Example: LE51A-2
For 35' bare lead cords on manual models, add a "-3" suffix to model number. Example: LE51M-3
For 50' bare lead cords on manual models, add a "-5" suffix to model number. Example: LE51M-5
Consult engineering spec sheets for more data.

Specifications subject to change without notice.

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