

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 *HYTREL® 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.)

*HYTREL® is a registered trademark of DuPont Polymers



Vertical float
switch models
available in 115V



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 or 35' and 50' bare lead option)

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

Unitized ceramic carbon

Bearings

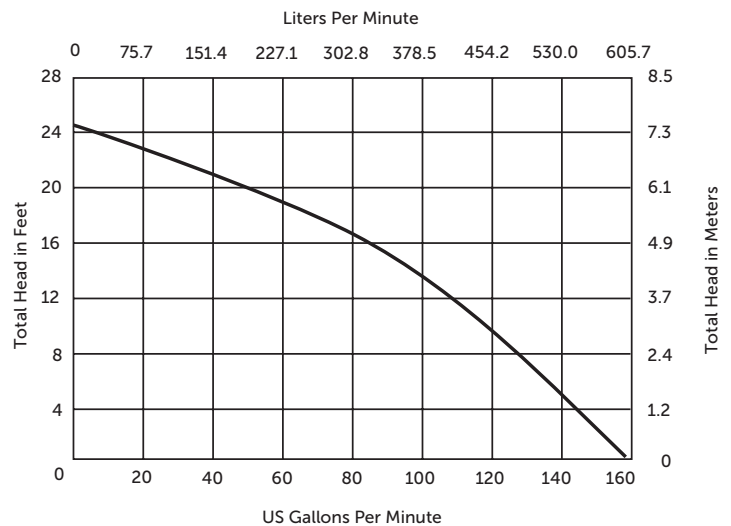
Upper and lower ball bearings

Float Switch [automatic models]

Wide-angle and vertical float switch available

Performance Curve

60 Hz, 1725 RPM



All 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, add a "-3" suffix to model number. Example: LE51A-3

For 50' bare lead cords, add a "-5" suffix to model number. Example: LE51A-5