

# 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



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# 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

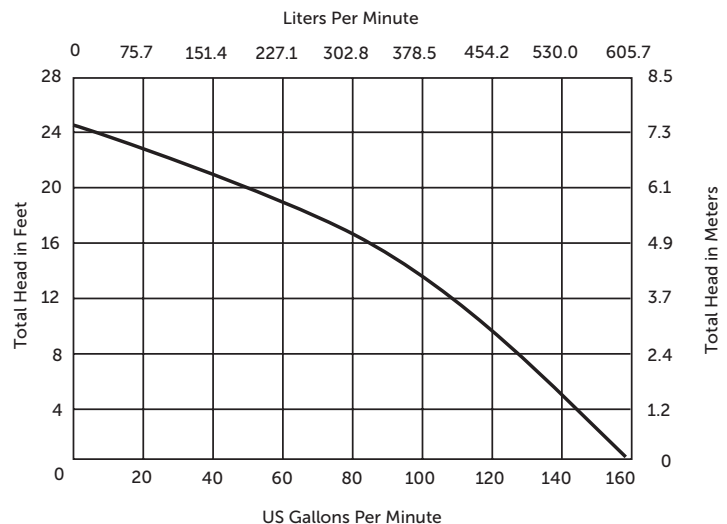
Upper and lower ball bearings

## 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