

# 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



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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)  
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)

## 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 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

## 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

