

# LE70-SERIES

Sewage Pumps

# Liberty Pumps®

A Family and Employee Owned Company

**3/4 hp**

**2" Solids handling**

## Features

- Rugged 2 vane, semi-open cast iron impellers
- Cast iron housings and volute with all stainless and brass fasteners
- 416 stainless steel rotor shaft
- Oil-filled, hermetically sealed motors
- Built-in thermal protection on single-phase models
- 2" or 3" flanged discharge
- Permanently lubricated upper and lower ball bearings
- Unitized shaft seals
- Single mechanical level float control with piggyback plug for manual bypass operation standard on single-phase automatic models
- Adjustable pumping range
- Quick-connect 10' standard power cord allows replacement of cord in seconds without breaking seals to motor (25' and 35' lengths optional)



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# LE70-Series

## Pump

3/4 hp  
2" Solids handling capability

## Motor

Submersible type, oil-filled, hermetically sealed

## Power Cord Type

Quick-connect 10' standard on 1-PH models  
(25' and 35' optional) or 25' on 3-PH models (35' optional)

## Shaft

17-4 PH stainless steel

## Bearings

Upper and lower ball bearings

## Dimensional Data

**Weight:** LE71M: 62 lbs

**Height:** 18.9"

**Major Width:** 12.5"

**Maximum Fluid Temperature:**

104°F (40°C) Continuous duty

140°F (60°C) Intermittent

## Models

MODELS	VOLTS	PHASE	AMPS	DISCHARGE	AUTOMATIC
LE71A2	115	1	12	2" Flanged	Yes
LE71A3	115	1	12	3" Flanged	Yes
LE71M2	115	1	12	2" Flanged	No
LE71M3	115	1	12	3" Flanged	No
LE72A2	208-230	1	6	2" Flanged	Yes
LE72A3	208-230	1	6	3" Flanged	Yes
LE72M2	208-230	1	6	2" Flanged	No
LE72M3	208-230	1	6	3" Flanged	No
LE73M2-2	208-230	3	4.1	2" Flanged	No
LE73M3-2	208-230	3	4.1	3" Flanged	No
LE74M2-2	440-480	3	2.1	2" Flanged	No
LE74M3-2	440-480	3	2.1	3" Flanged	No

10' cord standard on single-phase models. For 25' cord option, add a "-2" suffix to model number. Example: LE71A2-2

25' cord standard on 3-phase models. For 35' cord option, add a "-3" suffix to model number. Example: LE71A2-3.

(50' available on limited models. Consult factory.)

NOTE: 3-Phase models require panel for automatic operation. See accessories and controls literature for complete information on all simplex and duplex controls. Consult engineering spec sheets for more data.

## Impeller

Cast iron, 2-vane, semi-open

## Seal

Carbon ceramic with BUNA-N elastomers and stainless housings

## External Construction

Class 25 or better iron casting

Powder coated casting

300 series stainless steel fasteners

## Level Control

Automatic pumps an adjustable mechanical switch sealed in a PVC float, with a piggyback plug for manual bypass operation.

## Performance Curve

60 Hz, 1725 RPM

