

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)



innovate. evolve.

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

