

LEH150-SERIES

High Head Sewage Pumps

Liberty Pumps®

A Family and Employee Owned Company

1.5 hp
2" Solids handling
2" or 3" Flanged discharge
70' Maximum TDH

Features

- Rugged 2 vane, semi-open cast iron impellers
- Cast iron housings and volute with all stainless steel fasteners
- 303 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
- Dual shaft seals
- Single mechanical level float control with piggyback plug for manual bypass operation standard on single-phase automatic models
- Quick-connect 25' standard power cord allows replacement of cord in seconds without breaking seals to motor (other cord length options available)



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LEH150-Series

Impeller

Semi-open 2 vane
Class 25 cast iron
2" Solids handling

Paint

Powder coat

Maximum Fluid Temperature

104°F (40°C) Continuous duty
140°F (60°C) Intermittent

Motor

Oil-filled, hermetically sealed

Power Cord Type

SJOOW (1-Phase) or SEOOW (3-Phase),
Quick-connect 25' standard length
(35' and 50' length optional on some models)

Motor Housing

Class 25 cast iron

Volute

Class 25 cast iron

Dimensional Data

Weight: LEH152M: 92 lbs

Height: 21"

Major Width: 13"

Models

MODELS	VOLTS	PHASE	AMPS	DISCHARGE	AUTOMATIC
LEH152M2	208-230	1	15	2" Flanged	No
LEH152M3	208-230	1	15	3" Flanged	No
LEH152A2	208-230	1	15	2" Flanged	Yes
LEH152A3	208-230	1	15	3" Flanged	Yes
LEH153M2	208/230	3	11.4	2" Flanged	No
LEH153M3	208/230	3	11.4	3" Flanged	No
LEH154M2	440-480	3	5.7	2" Flanged	No
LEH154M3	440-480	3	5.7	3" Flanged	No
LEH155M2	575	3	4.8	2" Flanged	No
LEH155M3	575	3	4.8	3" Flanged	No

25' cord standard on all models. 3-phase models require panel for automatic operation. See sewage accessories literature for complete information on all simplex and duplex controls.

35' and 50' cord options available on 3-phase models. For 35' or 50' cord, add "-3" or "-5" suffix. Example: LEH153M2-5 for 50' cord.

Consult engineering spec sheets for more data.

Dual Shaft Seal

Upper: unitized graphite impregnated silicone carbide
Lower: molded double lip seal

External Construction

The pump volute, legs and motor housing is heavy gray iron castings, class 25 or better. All castings are powder coated before assembly.

300 series stainless steel fasteners

Level Control

Automatic pumps are controlled by an adjustable mechanical switch sealed in a PVC float, and shall have a piggyback plug for manual bypass operation. (Single-phase models only)

Performance Curve

60 Hz, 3450 RPM, 20' Minimum Head Required

