

FL30-SERIES

Effluent Pumps

Liberty Pumps®

A Family and Employee Owned Company

1/3 hp

3/4" Solids handling

Specifically designed for
STEP Systems, LPP Systems,
Mound Systems,
Liquid Waste Transfer
and Commercial Sump Applications

Features

- Vortex impeller, made of high temperature engineered polymer, permits passage of solids without clogging
- Cast iron construction with all stainless and brass fasteners
- 416 stainless steel rotor shaft
- Oil-filled, thermally protected motor
- Permanently lubricated ball bearings
- Unitized shaft seal
- 1-1/2" FNPT discharge
- Quick-connect 10' standard power cord allows replacement of cord in seconds without breaking seals to motor (25', 35', or 50' lengths optional)

Models

- FL31M 115V, 10.5A, Manual
FL31A 115V, 10.5A, Automatic
FL32M 208-230V, 5.5A, Manual
FL32A 208-230V, 5.5A, Automatic

Automatic model features a mercury-free wide-angle float switch with series plug – allows for manual operation of pump separate from float switch.



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FL30-Series

Impeller

Vortex style high temperature polymer

Paint

Powder coat

Max Fluid Temperature

140°F (60°C)

Motor

Class A windings, oil-filled, thermally protected

Power Cord Type

SJTW, Quick-connect 10' standard length (25', 35', or 50' lengths optional)

Motor Housing

Class 25 cast iron

Volute

Class 25 cast iron

Dimensional Data

Weight: FL31M: 32 lbs

Height: 9.6"

Major Width: 9.8" (manual model)

Shaft

Stainless housing and BUNA-N elastomers

Hardware

Stainless

Mechanical Shaft Seal

Unitized ceramic carbon

Bearings

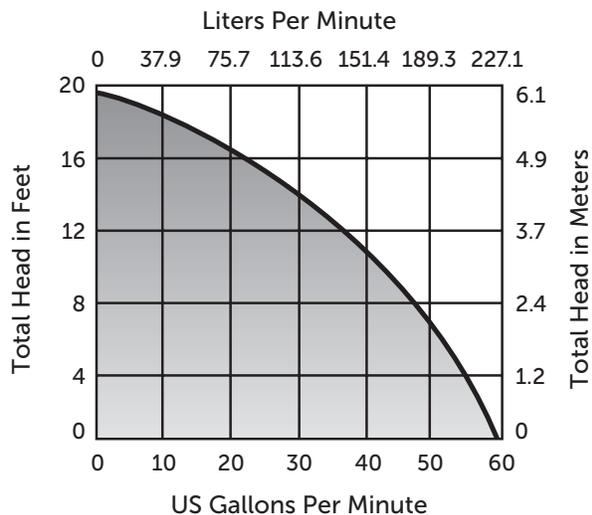
Upper and lower ball bearings

Float Switch (automatic models)

Wide-angle float switch with piggyback plug

Performance Curve

60 Hz, 1725 RPM



MODEL	HP	VOLTS	PHASE	AMPS	DISCHARGE	AUTOMATIC	IMPELLER
FL31M	1/3	115	1	10.5	1-1/2" FNPT	No	Vortex
FL31A	1/3	115	1	10.5	1-1/2" FNPT	Yes	Vortex
FL32M	1/3	208-230	1	5.5	1-1/2" FNPT	No	Vortex
FL32A	1/3	208-230	1	5.5	1-1/2" FNPT	Yes	Vortex

10' cord standard on above models. 25', 35', and 50' cord lengths available (50' cord not available on automatic models). Add "-2", "-3", and "-5" suffix to model number. Example: FL31A-2 for 25' cord.