

FL150-SERIES

Submersible Effluent Pump

Liberty Pumps®

A Family and Employee Owned Company

1.5 hp

1-1/2" or 2" Discharge

Flange mounted

Features

- 3/4" Solids handling
- Heavy cast iron construction
- Semi-open cast iron impeller
- Stainless steel rotor shaft
- Dual shaft seals
- Single float, mercury-free level control
- Additional mounting clamp provided for optional switch mounting to pipe
- Fully adjustable pumping range
- 2" FNPT threaded discharge with 1-1/2" FNPT flange provided
- Quick-connect power cord - 25' length standard
- Available in automatic and manual models



**Dual Sized
Discharge
1-1/2" or 2"**



innovate. evolve.

FL150-Series

Impeller

Semi-open cast iron Class 25
3/4" Solids handling

Finish

Powder coat

Maximum Fluid Temperature

104°F, 40°C Continuous Duty
140°F, 60°C Intermittent

Motor

Oil-filled, hermetically sealed, and Class B
insulation rating

Power Cord

25' length standard. Quick-connect design allows
easy field replacement. (35' and 50' available on
manual models)

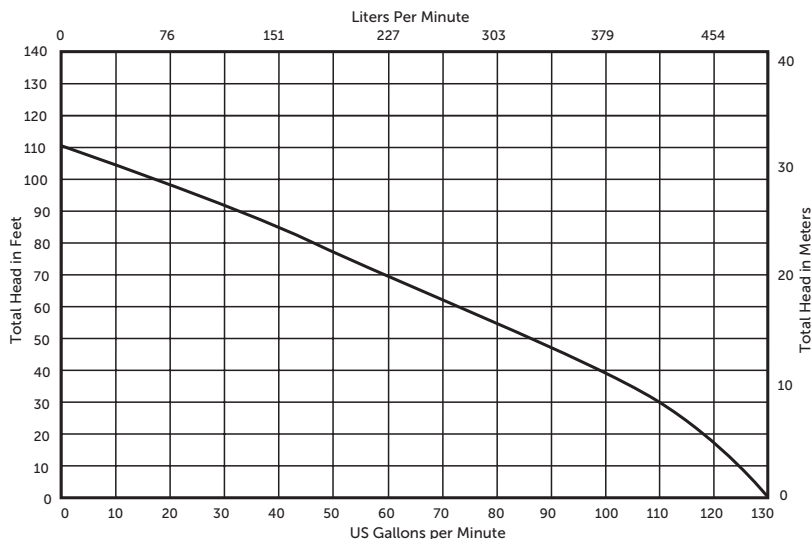
Models

MODELS	HP	VOLTS	PHASE	AMPS	DISCHARGE	AUTOMATIC	STANDARD CORD LENGTH IN FEET	WEIGHT IN LBS
FL152M-2	1.5	208-230	1	15	1-1/2" or 2"	No	25	81
FL152A-2	1.5	208-230	1	15	1-1/2" or 2"	Yes	25	81
FL153M-2	1.5	208/230	3	11.4	1-1/2" or 2"	No	25	81
FL154M-2	1.5	440-480	3	5.7	1-1/2" or 2"	No	25	81
FL155M-2	1.5	575	3	4.9	1-1/2" or 2"	No	25	81

NOTE: 3-phase models require a control panel for automatic operation. See control panel literature for complete specifications on panels.
35' and 50' cord options available on manual models. Add "-3" suffix or "-5" suffix to model number. Example: FL153M-3 for 35' cord, FL153M-5 for 50' cord.
Consult engineering spec sheets for more data.

Performance Curve

60 Hz 3450 RPM



Motor Housing

Class 25 cast iron

Level Control

Wide-angle mechanical float sealed in a PVC housing.
Float is a series plug for manual by-pass operation.
One model has piggyback float.

A water-stop seal is incorporated into the cord entry to
eliminate potential water wicking into the pump.
Adjustable clamp is provided for optional pipe
mounting of the float.

Discharge

2" FNPT with 1-1/2" FNPT cast iron flange provided

Dual Shaft Seals

Upper: Unitized graphite impregnated silicon carbide
Lower: Viton® double lip

Fasteners

All fasteners shall be 300 series stainless steel.

