

# Liberty Pumps®

## FL60-Series

6/10 hp

**Submersible  
Effluent  
Pumps**

**3/4" Solids Handling**

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



### Features:

- Semi-open impeller permits passage of solids without clogging (FLH60 has an enclosed impeller)
- Heavy cast iron construction
  - Stainless steel fasteners
  - 416 stainless steel rotor shaft
- Permanently lubricated upper and lower ball bearings
- Oil-filled hermetically sealed motor with thermal overload protection
- Unitized carbon and ceramic shaft seal
  - Dual-sized discharge flange: 1-1/2" or 2"
- Quick-disconnect power cord in 10' standard length (25', 35' and 50' optional lengths available on some models)



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# FL60/FLH60-SERIES

## TECHNICAL SPECIFICATIONS

### EXTERNAL CONSTRUCTION:

Pump Volute and legs – Gray iron casting class 25

Motor Cover – Gray iron casting class 25. All castings shall be powder coated for corrosion resistance prior to assembly.

Fasteners – all fasteners shall be 300-series stainless steel.

### MOTOR

Submersible 3450 RPM, oil filled and hermetically sealed. Class B insulation rating. 17-4 PH stainless steel rotor shaft. Thermally protected on single phase models. Three phase models shall have overloads incorporated into the control panel, properly sized for the horsepower and amperage of pump.

### IMPELLER

Cast iron – class 25, semi-open design capable of passing a minimum 3/4" solids (FLH60 has an enclosed impeller).

### SHAFT SEAL

Carbon/ceramic unitized design with BUNA N elastomers and stainless steel housing.

### POWER CORD

10' cord length – Standard. Quick-disconnect design allows for easy field replacement. Optional lengths available per chart.

### LEVEL CONTROL

Automatic models shall be controlled by an adjustable wide-angle style switch sealed in a polymeric float. A series piggy-back style plug shall be provided to allow for manual bypass operation. Not available on 50' models and 3-Phase.

### DISCHARGE

2" FNPT with a 1-1/2" FNPT threaded cast iron flange provided.

### DIMENSIONAL DATA:

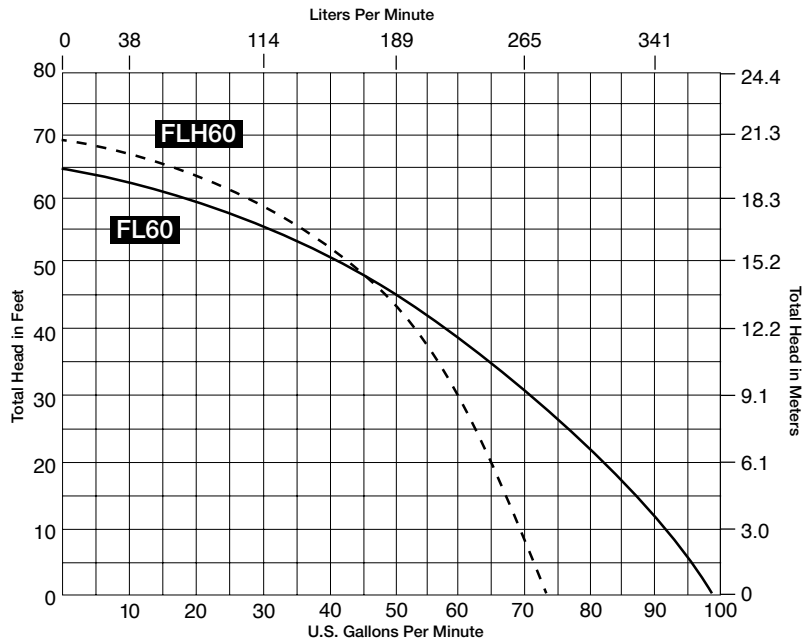
Height: 16.4"      Width: 11.2"  
(manual models)

### Maximum Fluid Temperature:

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

### FL60-Series

### PERFORMANCE CURVE 60 Hz.



#### FLH60-Series

MODE/	HP	Volts	Ph	Amps	Cord	Switch	Plug-End	Wgt
FLH61A	6/10	115	1	12	10'	Automatic	Series Plug	64
FLH61A-2	6/10	115	1	12	25'	Automatic	Series Plug	65
FLH61A-3	6/10	115	1	12	35'	Automatic	Series Plug	69
FLH61M	6/10	115	1	12	10'	Manual	Plug	62
FLH61M-2	6/10	115	1	12	25'	Manual	Plug	63
FLH61M-3	6/10	115	1	12	35'	Manual	Plug	65
FLH61M-5	6/10	115	1	12	50'	Manual	Bare Lead	67

#### FL60-Series

MODE/	HP	Volts	Ph	Amps	Cord	Switch	Plug-End	Wgt
FL62A	6/10	208-230	1	8.2	10'	Automatic	Series Plug	62
FL62A-2	6/10	208-230	1	8.2	25'	Automatic	Series Plug	65
FL62A-3	6/10	208-230	1	8.2	35'	Automatic	Series Plug	66
FL62M	6/10	208-230	1	8.2	10'	Manual	Plug	60
FL62M-2	6/10	208-230	1	8.2	25'	Manual	Plug	62
FL62M-3	6/10	208-230	1	8.2	35'	Manual	Plug	64
FL62M-5	6/10	208-230	1	8.2	50'	Manual	Bare Lead	66
FL63M-2	6/10	208/230	3	5.6	25'	Manual	Bare Lead	61
FL63M-3	6/10	208/230	3	5.6	35'	Manual	Bare Lead	63
FL63M-5	6/10	208/230	3	5.6	50'	Manual	Bare Lead	65
FL64M-2	6/10	440-480	3	2.8	25'	Manual	Bare Lead	61
FL64M-3	6/10	440-480	3	2.8	35'	Manual	Bare Lead	63
FL64M-5	6/10	440-480	3	2.8	50'	Manual	Bare Lead	65



Specifications are subject to change without notice.