

# 240-SERIES

Cast Iron Submersible Sump Pumps

# Liberty Pumps®

A Family and Employee Owned Company



**DRAINAGE**  
SOLUTIONS, INC

(317) 346-4110

[www.drainagesolutionsinc.com](http://www.drainagesolutionsinc.com)

## 1/4 hp

## 1-1/2" Discharge

The most advanced  
1/4 hp pump available!

### Features

- Unique one-piece UNI-BODY casting
- Cast-iron housing
- Peripheral port inlets eliminate bottom suction
- 304 Stainless-steel intake plate
- Quick-connect 10' standard power cord allows replacement of cord in seconds without breaking seals to motor (25' length optional)
- Available in three switch styles including Liberty Pumps VMF switch

### Models

240 Manual

241 Wide-Angle Float Switch with Quick-connect

243 Wide-Angle Float Switch, Series Plug

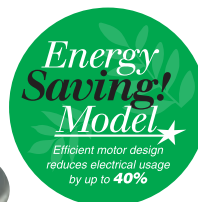
247 VMF, Vertical Magnetic Float Switch

Wide-angle float switches are mercury-free, mechanically activated.



VMF Switch

Quick-connect  
Power Cord



One-Piece Cast  
Motor Housing

**Model 247 VMF**

Mid-mount,  
peripheral-port  
inlets eliminate  
bottom suction



Available with  
Wide-Angle  
Float Switch



# innovate. evolve.

# 240-Series

## All Models Features

- Rugged 1/4 hp motor, oil-filled with thermal overload protection
- 1/4" Solids handling
- 1-1/2" Discharge
- Hermetically sealed motor and switch cavities, permanently lubricated bearings
- Liberty Pumps UNI-BODY casting – a solid, one-piece housing that eliminates the lower motor seal ring found on other pumps
- Integral, mid-mounted "peripheral-port" inlets eliminate bottom suction of debris and foreign materials

- Stainless-steel volute intake plate, internally mounted. Will not corrode
- 8 Vane, glass-reinforced thermoplastic impeller non-clog design
- Quick-connect 10' standard power cord allows replacement of cord in seconds without breaking seals to motor (25' length optional)
- For 25' cord option, add a "-2" suffix to model number Example: 247-2 for Model 247 with 25' cord
- Non-corrosive stainless-steel fasteners
- Stainless-steel rotor shaft

## Motor Specifications

1/4 hp 115V 6A

Thermally protected and permanently lubricated

## Dimensional Data

**Weight:** 21 lbs

**Height:** 10"

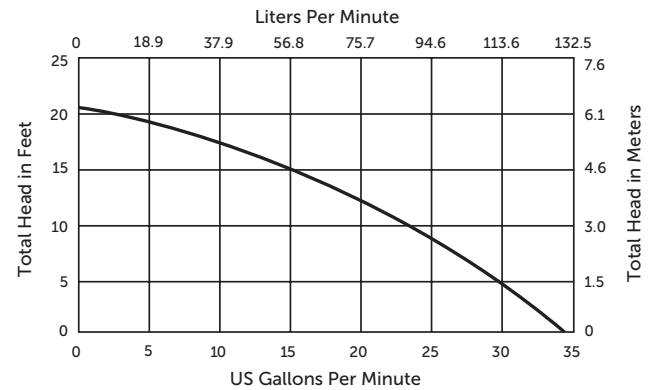
**Major Width:** 9" (manual model 240)

**Maximum Fluid Temperature:** 140°F (60°C) Intermittent

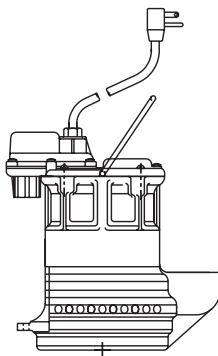
104°F (40°C) Continuous duty

## Performance Curve

60 Hz, 3400 RPM

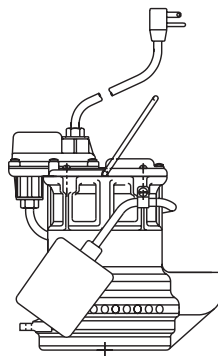


## Effluent Models



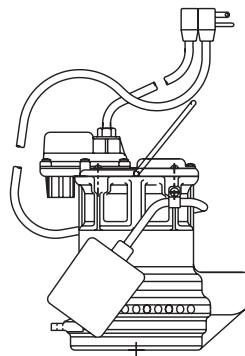
### Model 240

Manual,  
no float switch



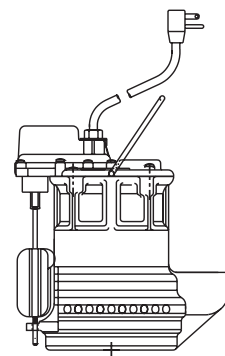
### Model 241

Wide-angle float  
switch with  
Quick-connect



### Model 243

Wide-angle float  
switch with series  
(piggyback) plug,  
allows manual  
operation of pump



### Model 247 VMF-Series

VMF switch, magnetically  
operated vertical float  
switch – operates in a 10"  
diameter sump