

# Liberty Pumps™



**MODEL 237 VMF**

## **230-SERIES SUBMERSIBLE SUMP PUMPS**

**1-1/4" Discharge**

**1/3 hp**

**3/8" Solids-Handling**

*Deep Finned Epoxy Coated Aluminum  
Motor Housing. Provides 225% more  
cooling capacity than cast iron housings!*



**MODEL 231**

### **MODELS:**

**230 Manual**

**231 Mercury-free float, integrally wired,  
with quick disconnect feature**

**233 Mercury-free float, with series plug**

**237 VMF, Vertical Magnetic Float  
(U.S. Patent # 5324171)**

### **FEATURES:**

- Vortex style impeller permits passage of solids without clogging.
- Polypropylene and epoxy coated aluminum construction.
- Stainless steel rotor shaft.
- All fasteners – non-corrosive stainless steel.
- Oil-filled, hermetically sealed motors with thermal overload protection.
- Permanently lubricated upper and lower bearings.
- Unitized shaft seal.
- 10' Quick-disconnect power cord.  
(25' optional)

# 230-SERIES

## SUBMERSIBLE SUMP PUMPS

### ALL MODELS FEATURE

- Vortex style impeller permits passage of solids without clogging. Made of high temp engineered thermoplastic.
- Polypropylene and epoxy coated aluminum construction.
- Stainless steel rotor shaft.
- All fasteners – non-corrosive stainless steel.
- Oil-filled, hermetically sealed motors with thermal overload protection.
- Permanently lubricated upper and lower bearings.
- Unitized shaft seal.
- 10' quick-disconnect power cord (25' optional).
- Removable base allows suction down to 1/8"
- **2 YEAR LIMITED WARRANTY**

### DIMENSIONAL DATA:

**Weight:** 11 LBS.

**Height:** 10.5"

**Major Width:** 9.6"

**Minimum Sump Diameter:** 14" (10" on Model 237)

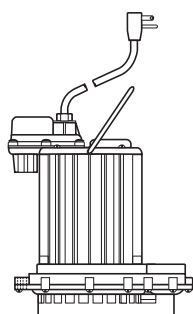
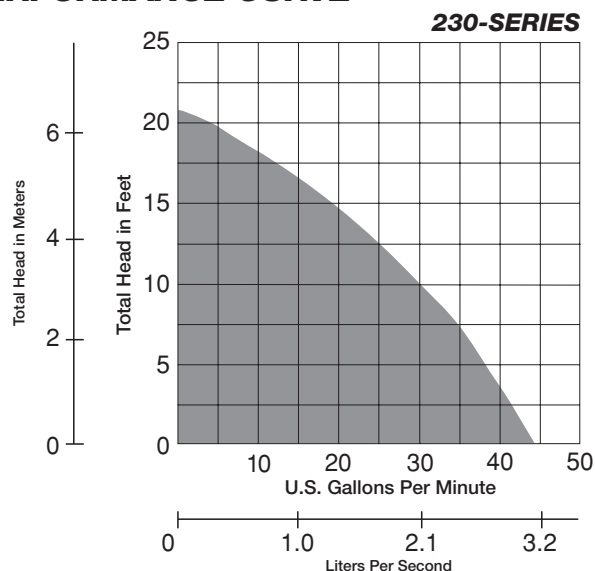
### MOTOR SPECIFICATIONS

1/3 hp. 60Hz  
115V 1725 RPM  
5.2a Oil Filled; Thermally Protected

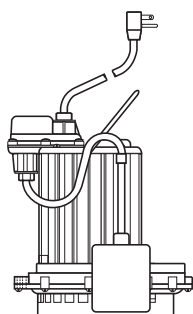
TDH	5'	10'	15'	21'
GPM	37	30	18	0

**Maximum Fluid Temperature 140 Degrees F.**

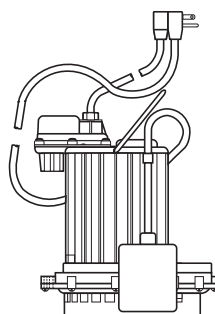
### PERFORMANCE CURVE



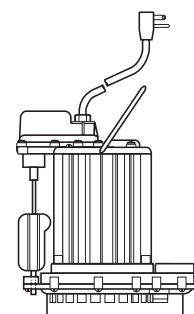
**Model 230**  
Manual, no switch



**Model 231**  
Quick-disconnect  
Wide-angle float



**Model 233**  
Wide-angle float  
with series plug  
allows for manual  
operation of pump



**Model 237 VMF**  
VMF Switch, mag-  
netically operated  
for smaller pits  
down to 10"  
diameter  
(U.S. Patent # 5324171)



Specifications subject to change without notice.