

# Liberty Pumps®

## 230-Series

### Submersible Sump Pumps

**1/3 hp  
1-1/2" Discharge  
3/8" Solids Handling**

#### Features:

- Vortex style impeller permits passage of solids without clogging
- Polypropylene and powder 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
- Quick-connect 10' standard power cord allows replacement of cord in seconds without breaking seals to motor. (25' length optional)



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



**MODEL  
237 VMF**



#### Models:

- 230 Manual
- 231 Mercury-free float, integrally wired, with quick connect feature
- 233 Mercury-free float, with series plug
- 237 VMF, Vertical Magnetic Float

innovate. evolve.

# 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 powder 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.
- 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: 231-2 for Model 231 with 25' cord.
- Removable base allows suction down to 1/8"

### DIMENSIONAL DATA:

**Weight:** 11 LBS.

**Height:** 10.5"

**Major Width:** 9.6"

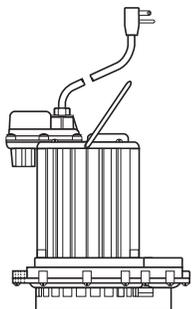
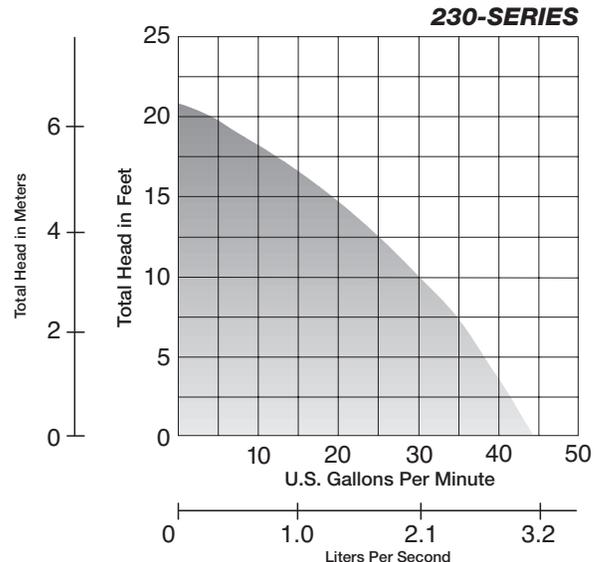
**Minimum Sump Diameter:** 14" (10" on Model 237)

### MOTOR SPECIFICATIONS:

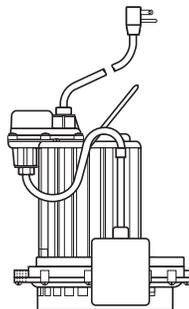
1/3 hp 115V 5.2 amps 60Hz 3450 RPM  
 Thermally Protected & Permanently Lubricated  
 (PSC) Permanent Split Capacitor  
 Maximum Fluid Temperature: 140°F

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

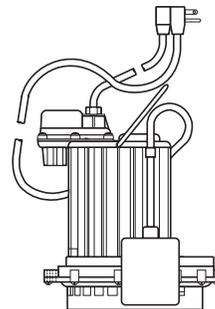
### PERFORMANCE CURVE



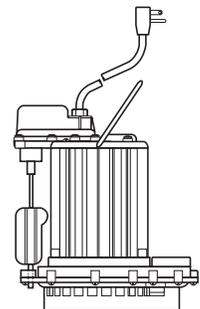
**Model 230**  
Manual, no switch



**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,  
magnetically  
operated for smaller  
pits down to 10"  
diameter



Specifications subject to change without notice.