

# CSP-SERIES

Crawl Space Sump Pump Kit

# Liberty Pumps®

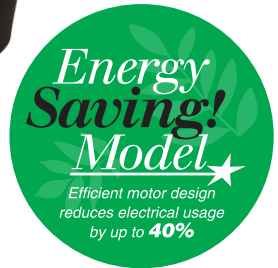
A Family and Employee Owned Company

## 1/3 or 1/2 hp

For dewatering under homes, basements, crawl space areas or where water may accumulate.

### Features

- Heavy-duty submersible sump pump in 1/3 or 1/2 hp
- 15-3/4" x 16" perforated polyethylene sump pit with cover
- 24' x 1-1/4" flexible hose kit, polyethylene
- System is unassembled
- Check valve included



### Models

|                |                                |
|----------------|--------------------------------|
| <b>CSP-237</b> | 1/3 hp Poly/Aluminum sump pump |
| <b>CSP-457</b> | 1/2 hp Poly/Aluminum sump pump |
| <b>CSP-257</b> | 1/3 hp Cast Iron sump pump     |

Controls problems with mold, fungus, moisture and structural damage. Reduces problems with rodents, insects and pests attracted to wet environments.



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# CSP-Series

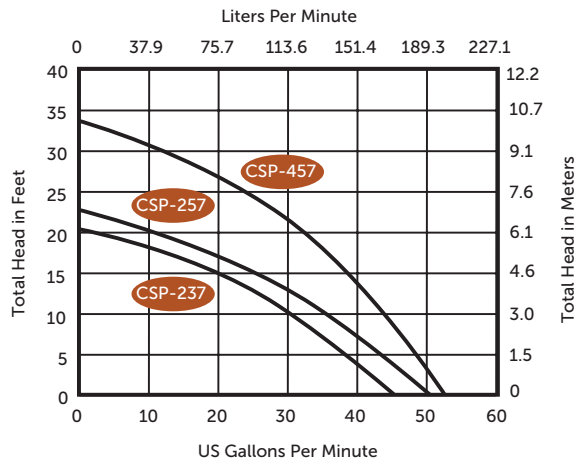
## Kit Contents

- 15-3/4" x 16" Structural foam sump pit (perforated) and structural foam cover
- Automatic sump pump, 115V, with 10' power cord
- 24' Flexible hose kit, polyethylene 1-1/4" (Model DHK-24)
- Check valve threads directly into pump discharge

**Note:** System is unassembled

## Performance Curve

60 Hz



## Max Fluid Temperature

140°F (60°C) Intermittent

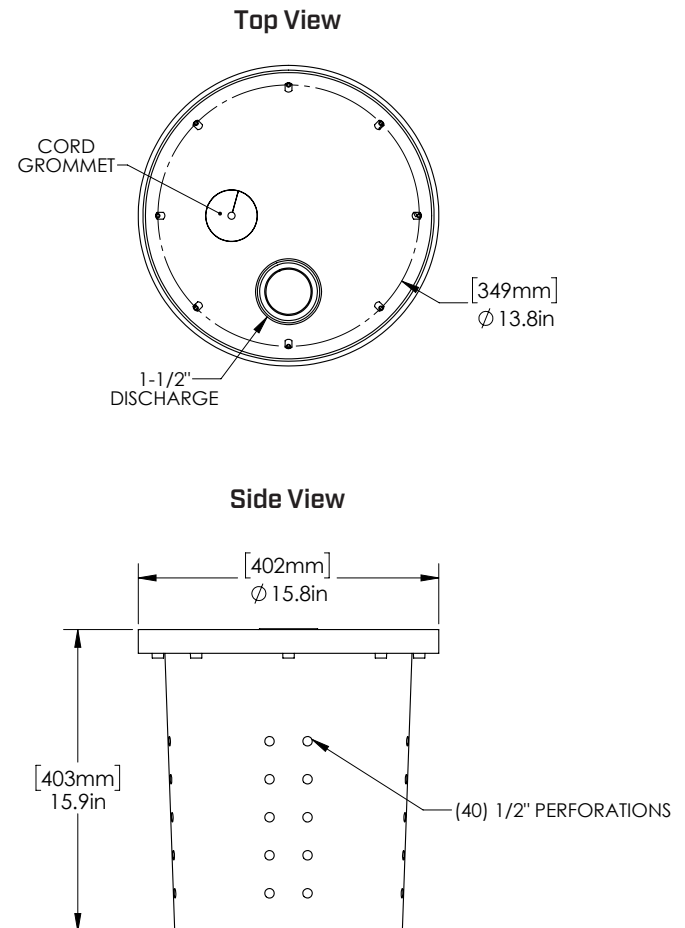
## Models

| MODEL   | HP  | VOLT | PUMP | PUMP MATERIAL | SYSTEM WEIGHT |
|---------|-----|------|------|---------------|---------------|
| CSP-237 | 1/3 | 115  | 237  | Poly/aluminum | 23 lbs        |
| CSP-457 | 1/2 | 115  | 457  | Poly/aluminum | 25 lbs        |
| CSP-257 | 1/3 | 115  | 257  | Cast iron     | 30 lbs        |

Add "-2" to CSP-237 model for a 25' cord. Example: CSP-237-2

See specific 230-Series, 250-Series or 450-Series literature for complete pump specifications.

## Dimensional Data



# 230-SERIES

## Submersible Sump Pumps

# Liberty Pumps®

A Family and Employee Owned Company

**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
- Non-corrosive stainless-steel fasteners
- 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 switch, integrally wired, with Quick-connect feature

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

**237** VMF, Vertical magnetic float switch



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# 230-Series

## Features

- Lightweight, high performance submersible pump
- Vortex style impeller made of high temp engineered thermoplastic
- Power coated for corrosion resistance
- Anti-airlock hole allows trapped air to escape and the pump to prime and start pumping
- Removable base allows suction down to 1/8"

## Dimensional Data

**Weight:** 11 lbs

**Height:** 10-1/2"

**Major Width:** 9-3/5"

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

## Motor Specifications

1/3 hp 115V 5.2A

Thermally Protected & Permanently Lubricated

Permanent Split Capacitor (PSC)

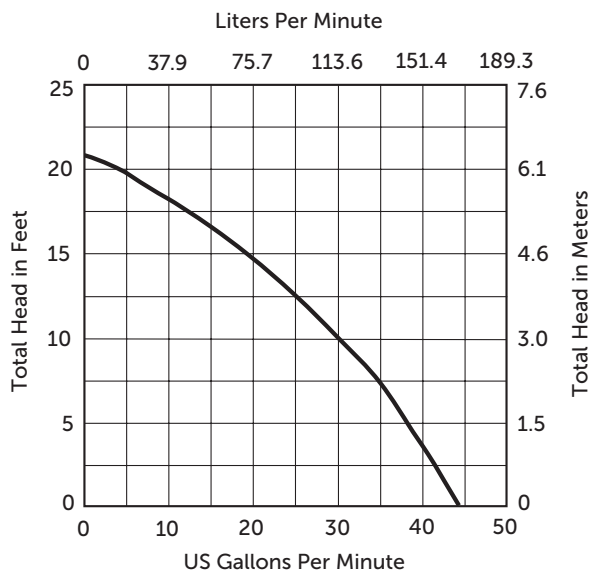
## Max Fluid Temperature

140°F (60°C) Intermittent

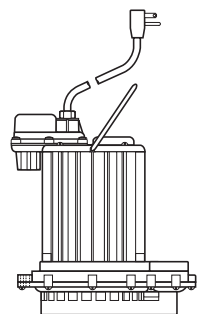
104°F (40°C) Continuous duty

## Performance Curve

60 Hz, 3450 RPM

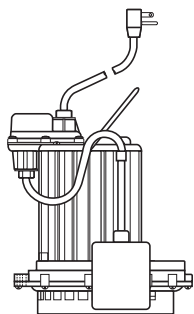


## Effluent Models



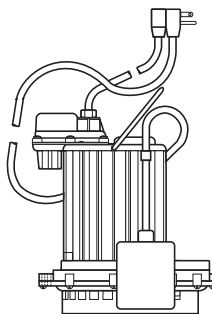
### Model 230

Manual, no float switch



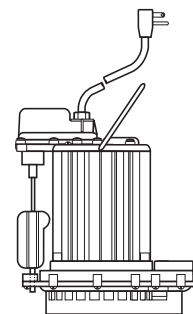
### Model 231

Quick-connect wide-angle float switch



### Model 233

Wide-angle float switch with series plug, allows for manual operation of pump



### Model 237 VMF-Series

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