



# Sump, Sewage & Grinder Pumps

*Liberty Pumps, Inc. warrants that pumps of its manufacture are free from all factory defects in material and workmanship for a period of 3 years from the date of purchase.*

*All 115V pumps come with a 10' cord. Optional 25' cord is available for 115V pumps.*

## Sump Pumps

Code#	Description	Mfg#
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247

### 240-Series 1/4 hp Cast Iron Submersible Sump Pump

- 1/4 hp.
- 1/4" Solids Handling
- 24 gpm per 10'
- 1-1/2" Discharge
- 115V

One of the most advanced 1/4 hp sump pumps available, Liberty's 240-series features a unique one-piece cast iron housing with peripheral port suction. This design eliminates the motor seal ring and helps reduce potential jamming from debris. Other features on the 240-series include a quick-disconnect power cord and Liberty's VMF switch technology for smaller sump pits (model 247).

381-1015	1/4 hp Cast Iron Submersible Sump Pump	247
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237

### 230-Series 1/3 hp Aluminum Submersible Sump Pump

- 1/3 hp.
- 3/8" Solids Handling
- 30 gpm per 10'
- 1-1/2" Discharge
- 115V

Cool running and efficient, the 230-Series features a deep-finned powder coated aluminum motor housing, polypropylene base and vortex style impeller. Topped-off with a quick-disconnect power cord and Liberty's VMF switch (model 237) the 230-Series offers a superior value in a 1/3 hp pump.

381-1010	1/3 hp Aluminum Submersible Sump Pump	237
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257

### 250-Series 1/3 hp Cast Iron Submersible Sump/Effluent Pump

- 1/3 hp.
- 1/2" Solids Handling
- 35 gpm per 10'
- 1-1/2" Discharge
- 115V

Rugged and dependable heavy-duty cast iron pump with powder coat finish.

Liberty's "workhorse" sump pump features a unique one-piece cast iron body, quick-disconnect power cord and three different switch options - including our Vertical Magnetic Float design (VMF) for smaller pits (model 257).

With a durable, epoxy powder coat finish and vortex style impeller, Liberty's 250-series pump is the perfect choice for low-head effluent pumping or basement de-watering.

381-1020	1/3 hp Cast Iron Submersible Sump/Effluent Pump	257
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287



283



287



ALM-2-1



The Brick

Code#	Description	Mfg#
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**280-Series 1/2 hp Submersible Effluent/Sump Pump**

- 1/2 hp.
- 3/4" Solids Handling
- 55 gpm per 10'
- 1-1/2" Discharge
- 115V

With a shut-off head of 37 feet and 3/4" solids-handling capability, the 280-series by Liberty covers a wide-range of low-head to mid-range pump applications. Designed for STEP systems, mound systems, liquid waste transfer and high output sump applications, you can count on the 280-series to offer superior performance. Designed with Liberty's unique one-piece cast iron body and quick-disconnect cords available in 10' and 25' lengths. High-output 1/2 hp submersible with rugged cast iron housing.

**Model 283-2**

Wide angle float switch with series (piggy-back) plug. Includes 25' powercord.

381-1023	1/2 hp Submersible Effluent/Sump Pump	283
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**Model 287 VMF-Series**

Vertical magnetic float for smaller pits – will operate in a 10" diameter sump. Includes 10' powercord.

381-1025	1/2 hp Submersible Effluent/Sump Pump	287
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**ALM-2 Alarm for Pro38-Series for Sump Applications**

- Indoor 115V Alarm with 9 volt Battery Back-up

381-4498	Alarm for Pro38-Series	ALM-2-1
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**The Brick - Sump Pump Platform**

A stable platform with pump locators designed exclusively to fit your Liberty submersible sump pump. Raises the sump pump 2.5" off the bottom of your pit. Reduces potential jamming from debris, rocks, mud, and sediments. Durable ABS will not corrode. Replaces unstable blocks or bricks. Fits exclusively Liberty Sump Pump Series: 230, 240, 250, 280, and S37. NEW! Adhesive tape adheres to pump base for ease of installation.

381-1300	The Brick - Sump Pump Platform	The Brick
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**Mainline Sump Pump**

Code#	Description	Mfg#
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MLP72260

**Mainline nForcer Thermoplastic Sump Pumps**

- 120 Volt AC (3.8 amps)
- Vertical Float Switch
- Handles 1/8" Solids
- Removable Intake Screen
- Submersible
- 1-1/4" - 1-1/2" NPT Discharge
- 10' Power Cord
- Attached Carrying Handle

381-0010	Mainline nForcer 1/4 hp Thermoplastic Sump Pump	MLP72260
381-0020	Mainline nForcer 1/3 hp Thermoplastic Sump Pump	MLP72372



## Back-Up Pumps

Code#	Description	Mfg#
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441

### Model 441 Battery Back-Up Emergency Sump Pump System

- Battery operated 12 Volt DC
- Adapts to 1-1/2 or 1-1/4 Discharge

Liberty's model 441 takes over when the power goes out. Operating from the power of a marine-grade deep-cycle battery\*, the 441 features a high-output 12 volt pump, advanced 5-stage charging system, easy-connect terminal block, battery box and plumbing connections. \*(Battery not included.) Designed to be used in conjunction with a primary 120V sump pump.

Works with marine-type deep-cycle batteries (not included with system). Type M27 recommended. Advanced Charging System outperforms "trickle" chargers with a 5-stage charging process. The system tests the battery and maintains a maximum charge without running the battery down or self-discharging.

381-0110	Battery Back-Up Emergency Sump Pump System	Model 441
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PC237-441

### PC237-441 Back-Up Sump Pump Combo

- 1/3 hp.
- 3/8" - 1/2" Solids Handling
- 1-1/2" Discharge
- Poly/Alum Pump Housing

A fully assembled pump combination that features a primary 115 volt sump pump and the model 441 battery back-up pump.

381-1206	Back-Up Sump Pump Combo	PC237-441
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SJ10

### SJ10 SumpJet City Water Powered Back-Up Pump

- 1-1/2" Discharge
- Accepts 20PSI up to 100PSI inlet supply pressure
- Works off municipal water supply
- 3/4" NPT Water Inlet Connection

The SumpJet (Model SJ10) is a water powered back-up sump pump that will protect your basement in the case of a power outage. This unique product is powered by your municipal water supply and requires no electricity to operate! With a compact high efficiency design, the SumpJet removes 2 gallons of sump water per 1 gallon used. The SumpJet is fully automatic, arrives completely assembled, and comes backed with Liberty's standard 3 year warranty.

Built-in check valve at water inlet. Additional backflow protection is required. Check with local plumbing codes prior to installation.

381-1005	SumpJet City Water Powered Back-Up Pump	SJ10
	SumpJet City Water Powered Back-Up Pump with Alarm	SJ10A

*Code requires a backflow preventer in most areas*

320-3761	Watts Bronze Dual Check Valve	LF7U2-2
320-3880	Watts Brass 3/4 Dual Check Valve	9DM2
320-6403	Wilkins 3/4" Lead-Free Reduced Pressure Principle Assembly	975XL2



ALM-P1

### ALM-P1 Alarm with Probe Sensor for SJ10 System & Sumps

- 115V
- Auxiliary Contacts
- Compact Probe Mounted Sensor (snaps on 1-1/4" or 1-1/2" discharge pipe)
- 9V Battery Back-up
- Visual and Audio Alarm

381-4496	ALM-P1 Alarm with Probe Sensor	ALM-P1
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## Sewage Pumps

**Code# Description Mfg#**

### LE41A Automatic 4/10 hp Submersible Sewage Pump

- 4/10 hp.      • 115V      • 2" Discharge      • 2" Solids Handling

Residential sewage applications. Featuring all cast iron construction with an epoxy powder coat finish, stainless steel fasteners, quick-disconnect power cord and a vortex style impeller for superior solids handling, the LE40-series combines solid performance with exceptional value.

381-1045 Automatic 4/10 hp Submersible Sewage Pump LE41A



### LE51A Automatic 1/2 hp Submersible Sewage Pump

- 1/2 hp.      • 115V      • 2" Discharge      • 2" Solids Handling

Commercial-grade workhorse for residential and light commercial sewage applications. Other features include piggyback style switches on automatic models, 2" solids-handling ability and a shut-off head of 25 feet.

381-1050 Automatic 1/2 hp Submersible Sewage Pump LE51A



### Pro370-Series 21" x 30" Simplex Sewage System

- 115V      • 2" or 3" Discharge      • 41 Gallon Capacity

Most advanced residential sewage package available. Liberty's flagship product, the Pro370-Series sewage package, arrives from the factory pre-assembled with QuickTree Technology. Now available "alarm-ready" with pre-mounted alarm floats.

381-1098 4/10 hp, 21" x 30" Simplex Sewage System P372LE41

381-1102 1/2 hp, 21" x 30" Simplex Sewage System P372LE51



### Pro380-Series 24" x 24" Simplex Sewage System

- 115V      • 2" or 3" Discharge      • 41 Gallon Capacity

The Pro380-Series is a large capacity shallow system design featuring a large 41 gallon 24" x 24" basin. The Pro380-Series sewage package arrives from the factory pre-assembled with QuickTree Technology. Now available "alarm-ready" with pre-mounted alarm floats.

381-1150 4/10 hp, 24" x 24" Simplex Sewage System P382LE41

381-1160 1/2 hp, 24" x 24" Simplex Sewage System P382LE51



### ALM-2 Alarm for Sewage Applications

- Indoor 115V Alarm with 9 volt Battery Back-up

381-4498 Alarm for Sewage Applications ALM-2-1



### X8 - 8" PRO-Series Basin Extension

- Sealed basin extension increases PRO-Series height by 8", allowing longer pitched pipe runs to the inlet connection.
- Fits both PRO370 and PRO380-Series Systems.

381-1165 8" PRO-Series Basin Extension X8



### MLP73511 1/2 hp Submersible Sewage Pump

- 120 Volt      • Includes Float Switch      • 2" NPT Discharge
- Handles 2" Solids      • Stainless Steel Vortex Impeller

381-0100 1/2 hp Submersible Sewage Pump MLP73511





## Grinder Pumps

**Code# Description Mfg#**



2448

### 2448-Series 2 hp Pre-Assembled Simplex Grinder Package

- 24" x48"
- 2 hp.
- 1-1/4" Discharge
- 230V

*E/One  
Comparable*

For residential and commercial applications, the 2448LSG is a complete factory assembled simplex grinder package featuring the LSG200-Series 2 hp Omnivore grinder pump. All internal brackets, floats, guide-rail base and discharge piping is pre-installed at the factory saving hours of labor at the job site.

381-1035 2 hp Pre-Assembled Simplex Grinder Package 2448LSG



LSG202A

### LSG202A Auto Omnivore 2 hp Submersible Grinder Pump

- 2 hp.
- 1-1/4" Discharge
- 230V

Liberty's LSG200-Series Omnivore grinder pumps meet the demanding needs of commercial and residential sewage applications where difficult solids-handling ability is crucial. The LSG200-Series features a superior cutting system made of hardened 440 stainless steel-Rockwell C 58, for shearing solids into small particles prior to being passed to the discharge by the impeller under high pressure. Applications include individual or groups of homes, motels, schools, shopping centers, lakefront developments and systems requiring high pressure sewage pumping. Whether you're replacing an existing grinder pump, lift station or customizing a new sewage system, the Omnivore can be packaged within any number of tank sizes.

381-1060 Auto Omnivore 2 hp Submersible Grinder Pump LSG202A



P382XPRG101/A2

### ProVore 380 1 hp Residential Simplex Grinder System with Basin and ALM-2 Alarm System

- 1 hp.
- 2" Discharge
- 115V
- 41 Gallon Capacity

*115V*

Compact simplex system is designed for residential sewage applications. Perfect for basement bathroom additions and remodeling projects. System can be installed above or below floor level. Patented V-Slice® cutter technology shreds difficult solids such as feminine products, rags, towels and wipes that can jam solids-handling pumps. Easy access cover with QuickTree® technology allows for quick float removal and servicing.

#### Includes ALM-2 Alarm

- Indoor 115V Alarm with 9 volt Battery Back-up
- Float Activated

381-1140 1 hp Residential Simplex Grinder System P382XPRG101/A2



PRG101

#### Pump Only

381-1170 1 hp Residential Simplex Grinder Pump Only PRG101



## Miscellaneous Sump Pumps

Code#	Description	Mfg#
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### 404 1/3 hp Compact/Low Profile Drain Pump

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

The short profile of Liberty's 404 is specially designed for compact areas and gives you the freedom to install fixtures where gravity drain lines are not available. Our Quick-Tree Technology provides a separate access cover for easy switch inspection. For gray wastewater applications, the 404 is perfect for laundry tray sinks, bar sinks, washing machines and other basement remodeling projects. The system arrives fully assembled and ready to install.



404

381-1204	1/3 hp Compact/Low Profile Drain Pump	404
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### Portable Transfer Pump

The Model 331 by Liberty is a convenient, easy-to-use portable transfer pump for moving water from one location to another. Typical applications include general water transfer, pool cover drainage, filling livestock tanks and draining water heaters. The 331 delivers up to 40 lbs. of pressure and has a maximum head of 105'. Maximum vertical suction lift is 15'.

- One-piece cast aluminum pump and motor housing with integral carry handle
- 20' power cord
- 3/4" brass garden hose connectors



331

381-1210	Portable Transfer Pump	331
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## Check Valves

### Sump Check Valve

Fits 1-1/4" or 1-1/2" Black, galvanized and DWV SCH.40 Pipe. The top-selling sump check valve in the world

381-4460	Sump Check Valve - 1-1/4" or 1-1/2"	Jackel DJ-545
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DJ-545

### Check Valve - Economy Series

Threads directly into 1-1/2" pump discharge. Standard adapter 1-1/2"

381-4480	Check Valve - 1-1/2"	Jackel CH150S-150MT
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CH150S

### Sewage Check Valve - Sleeve x Sleeve

Fits 2" black, galvanized, or DWV (Sch 40) pipe). 3 molded-in "O-rings" in sleeves for gas-proof, leak-proof seal. Flapper backed up with stainless steel plate for rigidity. Strong, durable, corrosion-resistant ABS body. Stainless steel clamps.

381-4470	Sewage Check Valve - 2"	Campbell 2-GP
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2-GP

### Quiet Spring-loaded Check Valve

Heavy-duty PVC. Spring-loaded valve reduces "water hammer" effect. 125 PSI rated. Vertical or horizontal installation. 1/2 lb. spring. Slight reduction in pump performance will occur. Consult factory for potential performance losses. Maximum fluid temp. 160° F.

381-4452	1-1/2" Quiet Spring-loaded Check Valve	Liberty QCV150
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QVC150

## Sump Pump Accessories

Code#	Description	Mfg#
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DHK-24

### Sump Pump Drain Kit

Sump pump drain kit with 24 feet flex poly drain hose, one 1-1/4 male plastic insert adapter and one stainless steel clamp

381-4450	Sump Pump Drain Kit	DHK-24
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1002715

### Mechanical Pump Switch

15' cord, Pump Down, 120V with plug

The SJE PumpMaster mechanically-activated, wide-angle pump switch is designed for direct control of pumps up to 1/2 HP at 120 VAC and 1 HP at 230 VAC in potable water, water and sewage applications. The pump switch is not sensitive to rotation or turbulence allowing it to be used in both calm and turbulent applications.

381-4501	Mechanical Pump Switch (15PMDP1WP)	SJE 1002715
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1011421AB

### Tank Alert AB Alarm System

Easy-to-install liquid level alarm system with auto-reset and battery backup features for indoor use.

Voltage for 120 VAC Model: Primary: 120 VAC, 60 Hz, 2.4 watts max. (alarm condition); Secondary: 9 VDC

381-4551	Tank Alert AB Alarm System	SJE 1011421AB
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K001008

### 25' Replacement Power Cord Assembly

115V Quick-Connect Powercord Kit

381-1290	25' Replacement Power Cord Assembly	K001008
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K001245

### Wide Angle Piggyback Float Switch

381-4505	Wide Angle Piggyback Float Switch	K001245
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ASCENTII-ESW

## Macerating Toilet

### Macerating Toilet - Complete System

Features a powerful and quiet macerator with RazorCut technology that pumps up to 25 feet vertically and 150 feet horizontally. Toilet is ADA compliant and WaterSense rated. (1.28 GPF) Ships complete with toilet seat. Additional inlets allow for the addition of a sink and shower for a complete bathroom without breaking concrete floors!

381-0105	Macerator and Elongated Toilet - White	ASCENTII-ESW
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## Jackel Tanks

Code#	Description	Mfg#
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### 20 Gallon Sewer Basin

Structural foam sump basins. 18 x 22. Shown with structural foam SF44 Cover.

381-4404	Complete 20 gal Sump Tank with SF40 Poly Cover	SF20
381-4410	Complete 20 gal Sump with SF44-3V Radon Cover for 3" Vent Pipe	SF20
381-4402	18X22 4 Anchor Threaded 20 gal Sump Tank	SF20
381-4405	Foam Sump Cover with 2" Discharge & Cord Hole for SF20 Basin	SF40



SF22A

### 22.5 Gallon Sewer Basin

The best basin in the industry top to bottom. 18 x 24. Structural foam sump basins. Shown with structural foam SF44 Cover.

Jackel's new hub and its components are injection molded from PVC and other thermoplastics to deliver these benefits:

- Easy, fast installation
- Solvent-welded water tight seal
- Durable, light weight, corrosion resistant
- No additional couplings required, saves money
- One hub fits 18" through 60" diameter tanks Fits 4" and 3" DWV Sclt. 40 plastic pipe.

381-4420	22.5 gal Poly Cover Sump Tank Complete	SF22A
381-4421	18X24 4 Anchor Threaded 22.5 gal Sump Tank	SF22A
381-4405	Foam Sump Cover with 2" Discharge & Cord Hole for SF22A Basin	SF40



SF22A

### 30 Gallon Sewer Basin

Structural foam sump basins. 18 x 30. Shown with structural foam SF2000E Cover and 4" E-Hub

381-4428	Sewage Sump Complete with Cover and Gasket	SF30BA
381-4444	18X30 Sewage Pit Only	SF30BA
381-4445	One Piece Cover for SF30BA Sewage Basket	SF16101



SF30BA

### Basin Covers and Accessories

381-4442	Radon Cover 3" Vent, 1-1/2" Discharge	SF44-3V
381-4411	Radon Cover with 3" Vent for 3" Pipe	SF44-3V
381-4446	Hub 4 Inlet Hub for Pit	SIH-4
381-4403	4 Bolt & Washer Pack	



