

Liberty Pumps®

A Family and Employee Owned Company

Sump Pumps

Drain Pumps

Effluent Pumps

Sewage Pumps

Grinder Pumps

Packaged Systems

Custom EPS Systems

ISO 9001
Registered Company



innovate.
evolve.

UTILITY & TRANSFER PUMPS

BIM models
now available for
**BIM
Object[®]**
architectural
design software

Choose from over 670 models
of Liberty Pumps products.

Sewage pumps, sump pumps,
grinder pumps, control panels,
high-temperature sump pumps,
elevator sump pumps, complete
pre-designed pump systems and
more – all available right from the
BIMObject[®] library of products.



Pump specifications and BIM
models are also available on
the Liberty Pumps website.



260-Series Utility Pump

1/6 hp 115V

A lightweight, multiple purpose
submersible pump for removing ground
water, pumping pool covers, fountains,
etc. Garden hose and 3/4" NPT connection.
Capacities to 23 GPM, maximum head 25'.

Features:

- Thermoplastic body resists impact, stress and corrosion
- Self-cleaning trash-type impeller
- 1/6 hp air cooled PSC motor
- Shaft seal and lip seal
- Thermal overload protection
- Pumps down to 1/8"
- Completely submersible
- Removable bottom screen for easy cleaning

Applications:

- Pumping pool covers
- Irrigation
- Pumping flooded areas

Models:

- 260 115V (8' cord)
- 260-2 115V (25' cord)

PERFORMANCE

TDH	Capacity			
	0'	10'	20'	25'
GPM	17	14	9	0



Patent: See
www.libertypumps.com/patents

331 Transfer Pump

1/2 hp 115V

Perfect for draining water heaters
or miscellaneous water transfer.
Boost water pressure by 40 lbs.
Garden hose connections.

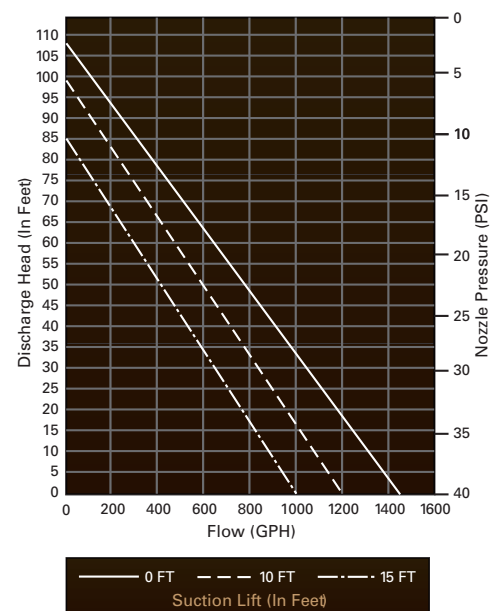
Maximum Head 105'

Maximum Suction Lift 15'

Maximum pressure 46 psi

Features:

- Permanently lubricated bearings
- Easy-fill prime plug
- Convenient On/Off switch
- 20' power cord
- One-piece, cast aluminum body



CONDENSATE PUMPS



LCU-15 Condensate Pump

Width: 5" Height: 6-1/2"
Length: 11-1/8"

For removal of condensate from A/C equipment, high efficiency furnaces, ice makers, drinking fountains, dehumidifiers and other equipment.

Features:

- High impact ABS tank
- 3 intake holes
- 3/8" O.D. outlet
- Built-in check valve (removable)
- Wall mounts
- Stainless steel shaft
- 115V

Models:

- LCU-15 115V
- LCU-15T 115V (with tubing)
- LCU-15S 115V safety switch
- LCU-15ST 115V safety switch (with tubing)

LCU-15 (1/50 hp)
PERFORMANCE

	Capacity			
TDH	1'	5'	10'	15'
GPH	85	75	37	0



LCU-20S Condensate Pump

Width: 5" Height: 6-1/2"
Length: 11-1/8"

For removal of condensate from A/C equipment, high efficiency furnaces, ice makers, drinking fountains, dehumidifiers and other equipment. Completely automatic with a safety switch to shut down equipment in the event of failure.

Features:

- High impact ABS tank
- 3 intake holes
- 3/8" O.D. outlet
- Built-in check valve (removable)
- Wall mounts
- Stainless steel shaft
- Safety switch

Models:

- LCU-20S 115V
- LCU-20ST 115V (with tubing)
- LCU-220S 230V

LCU-20S (1/30 hp)
PERFORMANCE

	Capacity				
TDH	1'	5'	10'	15'	20'
GPH	105	95	75	40	0



LCU-SP20S Shallow Pan Condensate Pump

Width: 5" Height: 5"
Length: 11-1/8"

For removal of condensate from A/C equipment, high efficiency furnaces, ice makers, drinking fountains, dehumidifiers and other equipment. Completely automatic with a safety switch to shut down equipment in the event of failure.

Features:

- High impact ABS tank
- 3 intake holes
- 3/8" O.D. outlet
- Built-in check valve (removable)
- Wall mounts
- Stainless steel shaft
- Compact shallow design
- Safety switch

Models:

- LCU-SP20S 115V
- LCU-SP220S 230V

LCU-SP20S (1/30 hp)
PERFORMANCE

	Capacity				
TDH	1'	5'	10'	15'	20'
GPH	105	95	75	40	0

BATTERY BACK-UP PUMPS



Model 441

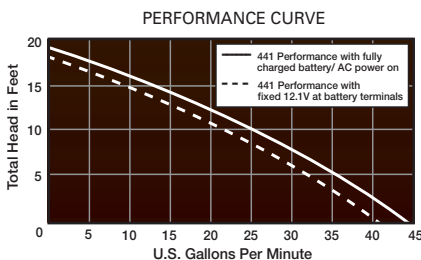
12 Volt Emergency Sump Pump System

Automatically works during power outage or main pump failure.

Features:

- Advanced charging system outperforms “trickle” type chargers
- Audible alarm and light advises of emergency pump operation
- Works with marine-type deep cycle batteries*
- Automatically recharges battery after use

* Battery not included



442-10A

Standard System 10 amp, Single Battery

Professional Grade Back-up Pump Systems

Up to 16 days* Back-up protection

* Model 442-25A cycling 4 times per hour, 10' of lift, 10 gallons per cycle

Both 10 amp and 25 amp StormCell® systems are available with optional NightEye® wireless enabled technology. The NightEye® cloud-based system constantly monitors the performance of your backup pump - providing you instant information to your smart device - anywhere in the world.

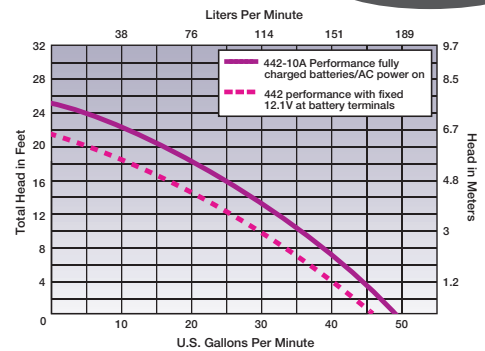
FEATURES:

- Professional-grade charger/controller
- Microprocessor with energy efficient Switch Mode Technology
- Remote wall-mount user interface with LCD display
- Audio alarm (features a self-reset after silence)
- Super-bright red LED alarm ring
- 9-volt battery backup – operates alarm in standby mode for up to 72 hours
- Alarm and pump test buttons
- Auxiliary contacts (24VDC, 100 mA max.)
- Compact “snap-on” activation float with integral alarm float (fits 1-1/4" and 1-1/2" pipe)
- High water float acts as a redundant “on” float for the pump
- Tee and fittings for standard installations
- Batteries sold separately



442-10A Series Performance

Patent: See www.libertypumps.com/patents

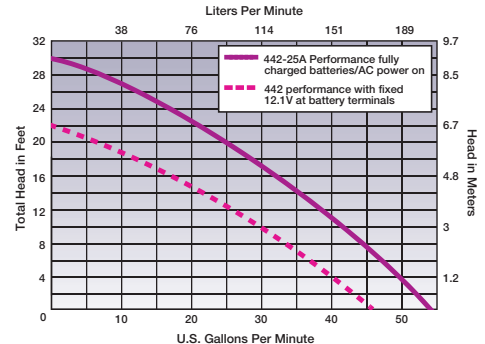


442-25A

High-output System 25 amp, Dual Battery



442-25A Series Performance



12 VOLT BATTERIES



Wireless Enabled Models:

442-10A-EYE

442-25A-EYE



Features:

- Free app download (Apple® iOS and Android® compatible)
- No subscription or user fees
- System works through your homes wireless router
- Simple and easy connection with BlinkUp™ technology

Smart device notifications:

- Backup pump activation
- High water level alarm
- AC power lost
- Wi-Fi connection lost
- Blown fuse or DC pump failure
- Low battery warnings
- Basement temperature level warning (user sets temperature level for warning)



Normal Status



Back-Up Pump Running



Make sure your StormCell® backup system maintains peak performance with StormCell® batteries from Liberty. These batteries are specifically designed to provide the highest performance and longest life when paired with the 10 amp or 25 amp systems.

AGM Maintenance Free

GROUP 27 Deep Cycle Model B12V27-AGM

- Amp hour rating - 98AH
- RC minutes - 170
- CA Rating - 750
- Weight 58 lbs.



GROUP 31 Deep Cycle Model B12V31-AGM

- Amp hour rating - 110AH
- RC minutes - 200
- CA Rating - 885
- Weight 60 lbs.



Flooded Maintenance Free

GROUP 27 Severe Duty Model B12V27-WET

- Amp hour rating - 105AH
- RC minutes - 125
- CA Rating - 875
- Weight 47 lbs.



GROUP 31 Severe Duty Model B12V31-WET

- Amp hour rating - 120AH
- RC minutes - 175
- CA Rating - 1000
- Weight 57 lbs.



All StormCell® batteries carry a one year limited warranty. Severe duty WET cell batteries must ship via common carrier.

EMERGENCY BACK-UP PUMPS



Model SJ10 Model SJ10A (with alarm) Water Powered Back-Up Sump Pump System

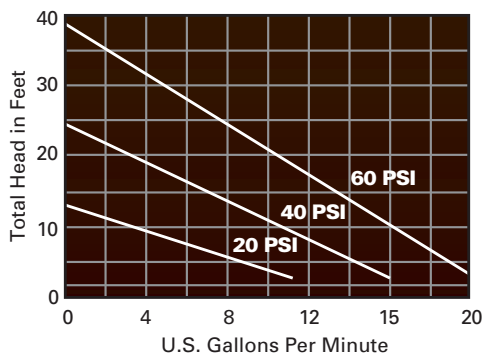
Features:

- Works off municipal water supply
- Accepts 20 psi up to 100 psi inlet supply pressure
- Fully automatic
- High-output flow rates
- Compact design
- Fully-assembled
- 1-1/2" Discharge
- 3/4" NPT water inlet connection (optional hose connector included)
- UPC approved

Efficient design removes more water per gallon used



PERFORMANCE CURVE



SJ10A-EYE Wireless Enabled SumpJet with Alarm

Features:

- Immediate notification of your SumpJet activating
- High water level notification
- Low basement temperature warning - user defined setting
- Easy setup, connects with simple BlinkUp™ technology
- NEW – super bright red LED alarm ring
- 86 dB audible alarm
- 9-volt battery backup
- Silence and test alarm remotely through the NightEye® app.
- Auxiliary contacts for connection to other home security systems

PC-Series Save labor time!

Assembled systems feature a primary pump and battery backup pump system

Choose from either the 441 or 442 professional-grade battery backup systems

441-Series Standard backup pump system

Models:

- PC237-441**
237 primary pump, 441 backup
- PC257-441**
257 primary pump, 441 backup
- PC457-441**
457 primary pump, 441 backup
- PCS37-441**
S37 primary pump, 441 backup

442-Series Professional-grade backup pump system

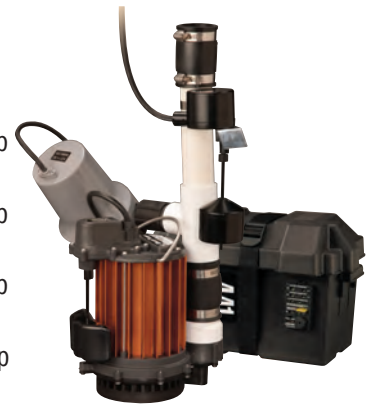
Models:

- PC237-442-10A**
237 primary pump, 442-10A backup
- PC237-442-10A-EYE**
237 primary pump, 442-10A-EYE backup, wireless enabled
- PC257-442-10A**
257 primary pump, 442-10A backup
- PC257-442-10A-EYE**
257 primary pump, 442-10A-EYE backup, wireless enabled
- PC457-442-10A**
457 primary pump, 442-10A backup
- PC457-442-10A-EYE**
457 primary pump, 442-10A-EYE backup, wireless enabled
- PCS37-442-10A**
S37 primary pump, 442-10A backup
- PCS37-442-10A-EYE**
S37 primary pump, 442-10A-EYE backup, wireless enabled



NightEye® wireless enabled models available with the 442-Series

Complete systems are assembled and ready to drop-in the pit! All systems include primary pump (1/3 or 1/2 hp), backup pump system and 1-1/2" piping (batteries not included)



DRAIN PUMPS

Compact Size



Model 404 Drain Pump

1/3 hp 3/8" Solids-Handling

Short profile drain pump for gray wastewater removal

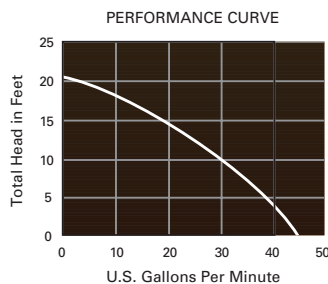
Features:

- Factory pre-assembled, ready to install
- 115V
- Short profile design for compact areas – only 11" tall
- Separate access cover for easy switch inspection (QuickTree®)
- 1-1/2" inlet, vent and discharge
- Integrally molded rubber gasket for a superior gas-tight seal
- Models available with integrated alarm. (Standard or Wi-Fi enabled models available.)

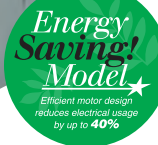
Applications Include:

Bar sinks, laundry trays, dehumidifiers, utility sinks and gray wastewater drainage below gravity lines

Not designed for use with chemicals



High-Temp



Model 405 (115V) Model 405HV (230V) Commercial Drain Pump

1/2 hp 3/8" Solids-Handling

Commercial high-temperature high-head drain pump

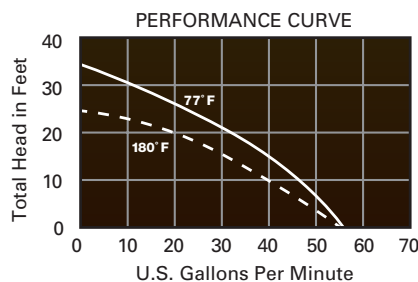
Features:

- Factory pre-assembled, ready to install
- Handles fluid temperatures to 180° F.
- Separate access cover for easy switch inspection (QuickTree®)
- 2" inlet, vent and discharge
- Integrally molded rubber gasket for a superior gas-tight seal
- Models available with integrated alarm. (Standard or Wi-Fi enabled models available.)

Applications Include:

Bar sinks, laundry trays, multi-compartment utility sinks, dehumidifiers, dishwashers and gray wastewater drainage below gravity lines

Not designed for use with chemicals



ELEVATOR SUMP PUMP

ELV-Series OilTector®

Liberty offers a wide range of code approved products for use in elevator pits, vaults and other areas requiring the control of oil discharge from sump water

Standard Series Systems



Auto-Valve Systems and Duplex Systems

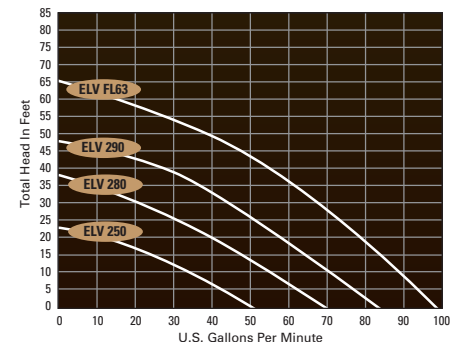


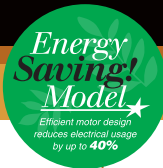
Consult factory for help with sizing, regional codes and selection of the proper model for your application.

Features:

- Models available in 1/3, 1/2, 3/4 and 6/10 hp
- 115V, 230V and 3-phase options available
- Auto-Valve and Duplex systems are available with optional oil holding tank and advanced touch-screen displays

See individual ELV literature sheets or Liberty Pumps website for complete product specifications, models and options available.





Cool Running.

Energy Efficient.



S30-Series

1/3 hp 115V
1-1/2" Discharge

Builder-series submersible sump pump with high intake ports to reduce potential jamming.

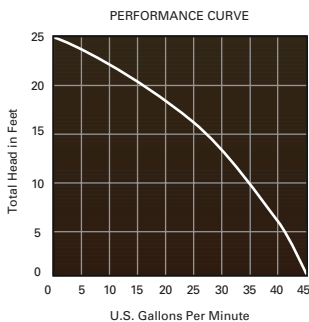
Features:

- Oil-filled motor with thermal overload protection
- Vortex-style impeller reduces clogging by foreign materials
- Dual bearing design
- Vertical heavy-duty float switch (S37 only)
- 10' power cord
- Higher inlet ports reduce potential for debris to enter pump

Model S37
Vertical Float

Model S37-P
Vertical Float with series plug

Model S38
Wide-angle float with series plug



230-Series

1/3 hp 115V
1-1/2" Discharge

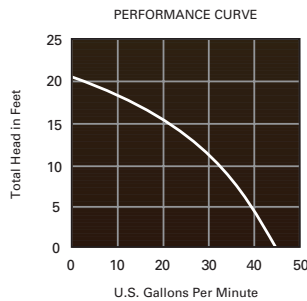
Lightweight, high performance submersible with deep finned aluminum housing for superior motor cooling.

Features:

- Energy efficient motor draws only 5.2 amps
- Finned aluminum motor housing for improved cooling
- Powder coated for corrosion resistance
- Permanently lubricated upper and lower bearings
- Vortex-style impeller reduces clogging by foreign materials
- Quick-disconnect power cords available in 10' and 25' lengths
- Oil-filled thermal protected motor



Available with Wide-Angle/
Piggy Back Switch



450-Series

1/2 hp 115V
1-1/2" Discharge

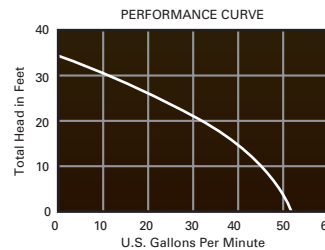
Cool running 1/2 hp sump pump features finned aluminum housing with quiet, efficient operation.

Features:

- Energy efficient motor draws only 7.5 amps
- Finned aluminum motor housing for improved cooling
- Powder coated for corrosion resistance
- Permanently lubricated upper and lower bearings
- Vortex-style impeller reduces clogging by foreign materials
- Quick-disconnect power cords available in 10' and 25' lengths
- Oil-filled thermal protected motor



Available with Wide-Angle/
Piggy Back Switch



240-Series

1/4 hp 115V
1-1/2" Discharge

A heavy-duty 1/4 hp pump with peripheral port inlets. Helps reduce debris from entering the pump.

Features:

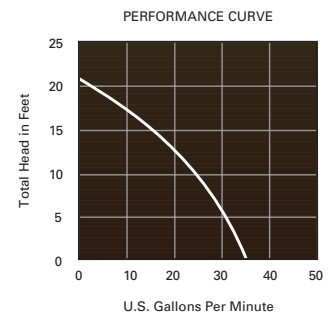
- Oil-filled motors with thermal overload protection
- Vortex-style impeller reduces clogging by foreign materials
- Quick-disconnect power cords available in 10' and 25' lengths

Features Liberty's unique "uni-body" casting — a one-piece cast iron housing that eliminates the motor seal ring.

Other switch options are available.



Available with Wide-Angle/
Piggy Back Switch





250-Series

1/3 hp 115V
1-1/2" Discharge

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

Features:

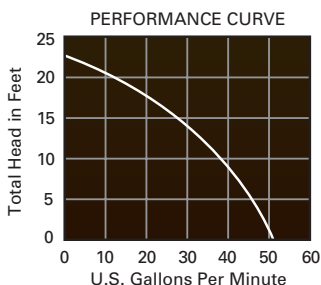
- Oil-filled motors with thermal overload protection
- Vortex-style impellers reduce clogging by foreign materials
- Quick-disconnect power cords available, 10' standard. Other lengths available

Features Liberty's unique "uni-body" casting — a one-piece cast iron housing that eliminates the motor seal ring.

Other switch options are available.



Available with Wide-Angle/Piggy Back Switch



280-Series

1/2 hp 115V
1-1/2" Discharge

High-output 1/2 hp submersible with rugged cast iron housing.

Features:

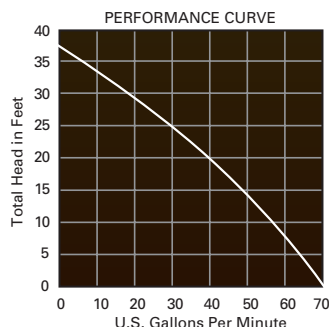
- Oil-filled motors with thermal overload protection
- Vortex-style impellers reduce clogging by foreign materials
- Quick-disconnect power cords available, 10' standard. Other lengths available

Features Liberty's unique "uni-body" casting — a one-piece cast iron housing that eliminates the motor seal ring.

Other switch options are available.



Available with Wide-Angle/Piggy Back Switch



CSP-Series

Crawl space sump pump kit
1/3 and 1/2 hp models

For dewatering under homes and crawl spaces where water may collect. Controls problems with mold, moisture and structural damage. Reduces problems with insects and pests attracted to moist environments. 1/3 and 1/2 hp models.

Features:

- Heavy duty submersible sump pump
- Energy efficient motors use less electricity
- 16.5" x 15" perforated polyethylene sump pit with cover
- 24' x 1-1/4" flexible hose kit
- Check valve
- System is unassembled

Model CSP-237

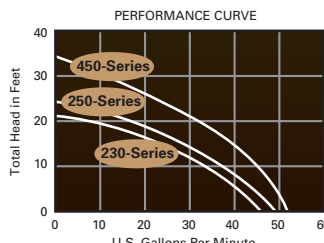
1/3 hp, 115V

Model CSP-457

1/2 hp, 115V

Model CSP-257

1/3 hp, 115V



SPAC Systems

Assembled sump pump system with 1/3 or 1/2 hp sump pump. Molded pump platform helps to secure pump and reduce potential jamming from debris.

Features:

- 1/3 or 1/2 hp sump pump
- 18" x 22" polyethylene sump pit and cover with gasket and hardware
- Pre-assembled with 1-1/2" schedule 40 PVC discharge pipe
- Molded pump support platform raises pump off bottom of pit and helps secure pump during shipping
- Two 4" inlet hubs with rubber grommet seals provided

Model SPAC-237

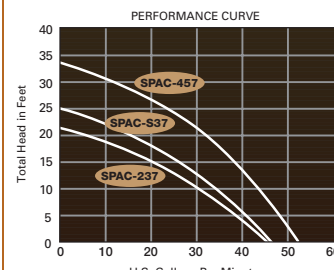
1/3 hp

Model SPAC-457


1/2 hp

Model SPAC-S37

1/3 hp



SBX-SERIES SYSTEM


SumpBox[®]
 by Liberty Pumps
 With debris filter technology



Patent: See
www.libertypumps.com/patents

SBX-Series System

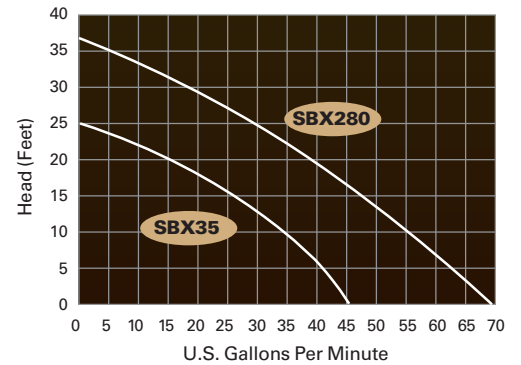
- Fully assembled
- Available with 1/3 or 1/2 hp pumps
- Unique debris filter tray
- Large 41 gallon capacity
- Easy access cover requires no tools to open
- Easy to service float switches located under access cover
- Available with optional pre-set alarm
- Sealed covers, radon-ready

SBX35
 115V, 1/3 hp

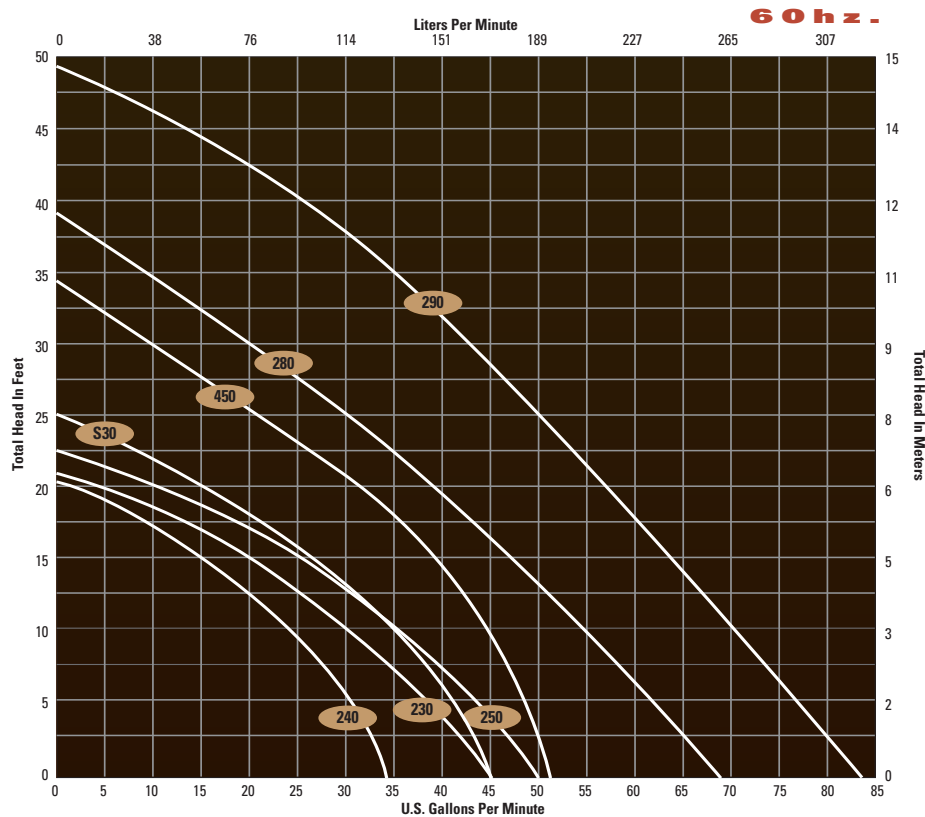
SBX35A
 115V, 1/3 hp with alarm

SBX280
 115V, 1/2 hp

SBX280A
 115V, 1/2 hp with alarm



SUBMERSIBLE SUMP PUMPS PERFORMANCE CURVE DATA



EFFLUENT PUMPS



FL30-Series

1/3 hp 3/4" Solids-Handling
1-1/2" Discharge

Provides efficient, low-cost pumping in low head on-site waste water systems, liquid waste transfer and commercial sump applications. Built of heavy cast iron with stainless steel fasteners for years of reliable performance.

Features:

- Heavy cast iron construction
- All stainless steel fasteners
- Stainless steel rotor shaft
- Oil-filled thermally protected motor
- Permanently lubricated bearings
- Vortex-style impeller

Model FL31M

115V, 10a, Manual (no switch)

Model FL31A

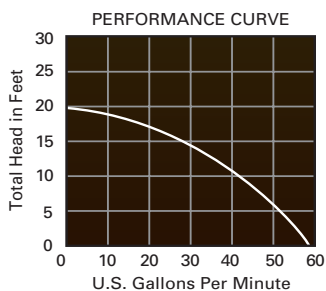
115V, 10a, Automatic

Model FL32M

208-230V, 5.5a, Manual (no switch)

Model FL32A

208-230V, 5.5a, Automatic



250-Series

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

A competitively priced effluent pump for low head on-site waste water systems, liquid waste transfer and commercial sump applications. Constructed with Liberty's unique one-piece cast iron housing.

Features:

- 1/3 hp, 115V, oil-filled thermally protected motor
- Permanently lubricated bearings
- Vortex-style impeller reduces clogging by foreign materials
- 1/2" solids-handling
- Stainless steel fasteners and rotor shaft

Model 250

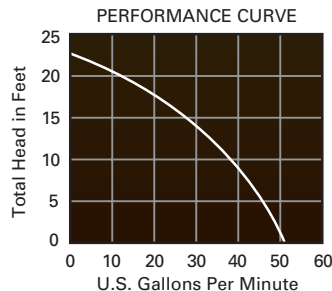
115V, 5.2a, Manual (no switch)

Model 251

115V, 5.2a, Wide angle mechanical float, quick-disconnect

Model 253

115V, 5.2a, Wide angle mechanical float with series plug for manual bypass operation



280-Series

1/2 hp 3/4" Solids-Handling
1-1/2" Discharge

Mid-range pump for on-site waste water systems, liquid waste transfer and commercial sump applications.

Features Liberty's uni-body casting and quick-disconnect power cord.

- 1/2 hp, 115V, oil-filled thermally protected motor
- Permanently lubricated bearings
- Stainless steel fasteners and rotor shaft
- Vortex-style impeller

Model 280

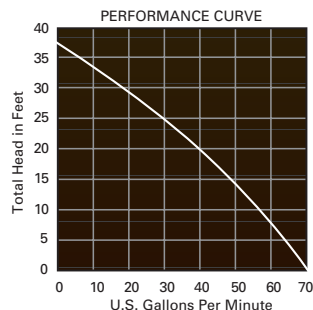
115V, 8a, Manual (no switch)

Model 281

115V, 8a, Wide angle float, quick-disconnect

Model 283

115V, 8a, Wide angle float with series plug for manual bypass operation
208-230V, 4a model available.



290-Series

3/4 hp 3/4" Solids-Handling
1-1/2" Discharge

Mid-range pump for on-site waste water systems, liquid waste transfer and commercial sump applications.

Features Liberty's uni-body casting and quick-disconnect power cord.

- 3/4 hp, 115V, oil-filled thermally protected motor
- Permanently lubricated bearings
- Stainless steel fasteners and rotor shaft
- Semi-open impeller

Model 290

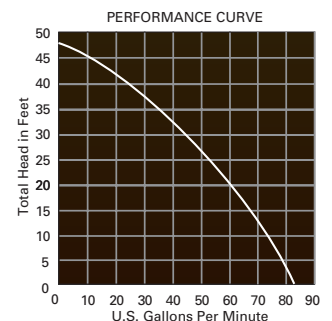
115V, 10.4a, Manual (no switch)

Model 291

115V, 10.4a, Wide angle float, quick-disconnect

Model 293

115V, 10.4a, Wide angle float with series plug for manual bypass operation
208-230V, 5.3a model available.





EFFLUENT PUMPS



Patent Pending

FL50-Series

1/2 hp 3/4" Solids-Handling
1-1/2" or 2" Discharge

Mid-range effluent pump for on-site waste water systems and dewatering with higher head requirements. Built of heavy cast iron with stainless steel fasteners for years of reliable performance.

Features:

- Maximum head of 55'
- Heavy-duty oil-filled thermally protected motor
- Stainless steel fasteners and rotor shaft
- Permanently lubricated bearings

Model FL51M

115V, 12a, Manual (no switch)

Model FL51A

115V, 12a, Automatic

Model FL52M

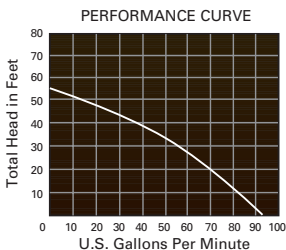
208-230V, 6.5a, Manual (no switch)

Model FL52A

208-230V, 6.5a, Automatic



Dual Sized Discharge
1-1/2" or 2"



Patent Pending

FL60-Series and FLH60-Series

6/10 hp 3/4" Solids-Handling
1-1/2" or 2" Discharge

For high-head applications in on-site waste water systems and dewatering. Built of heavy cast iron with stainless steel fasteners for years of reliable performance.

Features:

- Maximum head of 65'
- Heavy cast iron construction
- Oil-filled thermally protected motor
- Stainless steel fasteners and rotor shaft
- Permanently lubricated bearings

Model FL62M

230V, 8.2a, Manual

Model FL62A

230V, 8.2a, Automatic

Model FL63M

208-230V, 3ph, 5.6a, Manual

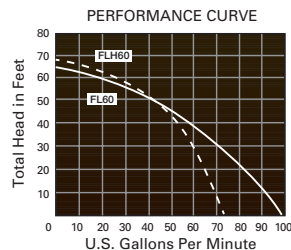
Model FL64M

440-480V, 3ph, 2.8a, Manual



Dual Sized Discharge
1-1/2" or 2"

(FLH61 for 115 V)



Patent Pending

FL70-Series

3/4 hp 3/4" Solids-Handling
1-1/2" or 2" Discharge

3/4 hp effluent pump for pumping sump and dewatering applications requiring higher head or pressure. Built of heavy cast iron and stainless steel fasteners for years of reliable performance.

Features:

- Maximum head of 77'
- Heavy-duty oil-filled thermally protected motor
- Stainless steel fasteners and rotor shaft
- Permanently lubricated bearings

Model FL72M

230V, 10.5a, Manual

Model FL72A

230V, 10.5a, Automatic

Model FL73M

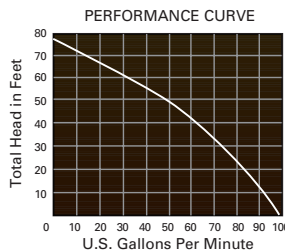
208-230V, 3ph, 7.5a, Manual

Model FL74M

440-480V, 3ph, 3.5a, Manual



Dual Sized Discharge
1-1/2" or 2"



FL100-Series

1 hp 3/4" Solids-Handling
1-1/2" or 2" Discharge

For high-head applications in on-site waste water systems and dewatering. Built of heavy cast iron with stainless steel fasteners for years of reliable performance.

Features:

- Maximum head of 89'
- Heavy cast iron construction
- Oil-filled thermally protected motor
- Stainless steel fasteners and rotor shaft
- Permanently lubricated bearings

Model FL102M

208-230V, 12a, Manual (no switch)

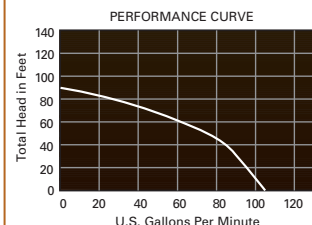
Model FL102A

208-230V, 12a, Automatic

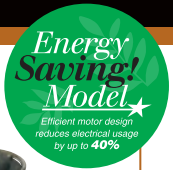
Also available in 208-230V 3-phase, 440-480V 3-phase and 575V 3-phase.



Dual Sized Discharge
1-1/2" or 2"



HIGH-TEMP PUMPS



FL150-Series

1-1/2 hp 3/4" Solids-Handling
1-1/2" or 2" Discharge

For high-head applications in on-site waste water systems and dewatering. Built of heavy cast iron with stainless steel fasteners for years of reliable performance.

Features:

- Maximum head of 110'
- Heavy cast iron construction
- Oil-filled thermally protected motor
- Stainless steel fasteners and rotor shaft
- Permanently lubricated bearings

Model FL152M

208-230V, 15a, Manual (no switch)

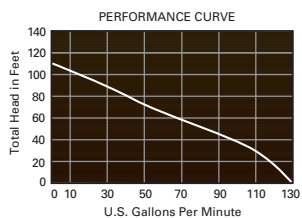
Model FL152A

208-230V, 15a, Automatic

Also available in 208-230V 3-phase, 440-480V 3-phase and 575V 3-phase.



Dual Sized Discharge
1-1/2" or 2"



FL200-Series

2 hp 3/4" Solids-Handling
1-1/2" or 2" Discharge

For high-head applications in on-site waste water systems and dewatering. Built of heavy cast iron with stainless steel fasteners for years of reliable performance.

Features:

- Maximum head of 132'
- Heavy cast iron construction
- Oil-filled thermally protected motor
- Stainless steel fasteners and rotor shaft
- Permanently lubricated bearings

Model FL202M

208-230V, 15a, Manual (no switch)

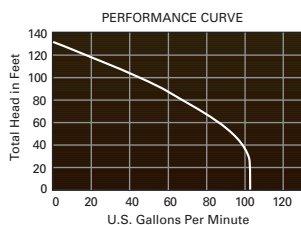
Model FL202A

208-230V, 15a, Automatic

Also available in 208-230V 3-phase, 440-480V 3-phase and 575V 3-phase.



Dual Sized Discharge
1-1/2" or 2"



HT40-Series High Temperature

4/10 hp 200° F.
1-1/2" Discharge

A heavy-duty submersible pump designed for hot water applications up to 200° F. Common applications include boiler blowdown pits, hot water transfer and condensate pits.

Features:

- Heavy-duty oil-filled motor, thermally protected
- Stainless steel fasteners and rotor shaft
- Cast iron construction
- Permanently lubricated ball bearings
- High temperature float on automatic model

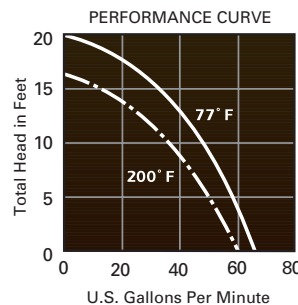
Model HT41M

115V, 12a, Manual

Model HT41A

115V, 12a, Automatic, 1725 RPM

Automatic model features a wide angle float with series type plug. 10' cord length standard. Consult factory for longer cord lengths.



HT450-Series High Temperature

1/2 hp 180° F.
1-1/2" Discharge

An economically priced high temperature submersible pump

Features:

- Oil-filled thermally protected motor
- Permanently lubricated bearings
- Powder coated finned aluminum motor housing
- High temperature float
- Stainless steel fasteners

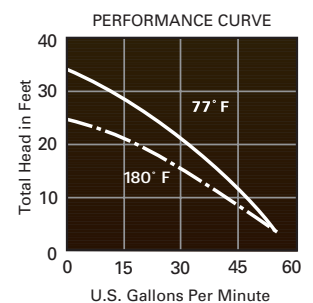
Model HT450

115V, 7.3a, Manual, 3450 RPM

Model HT453

115V, 7.3a, Automatic with piggy back style plug, 3450 RPM

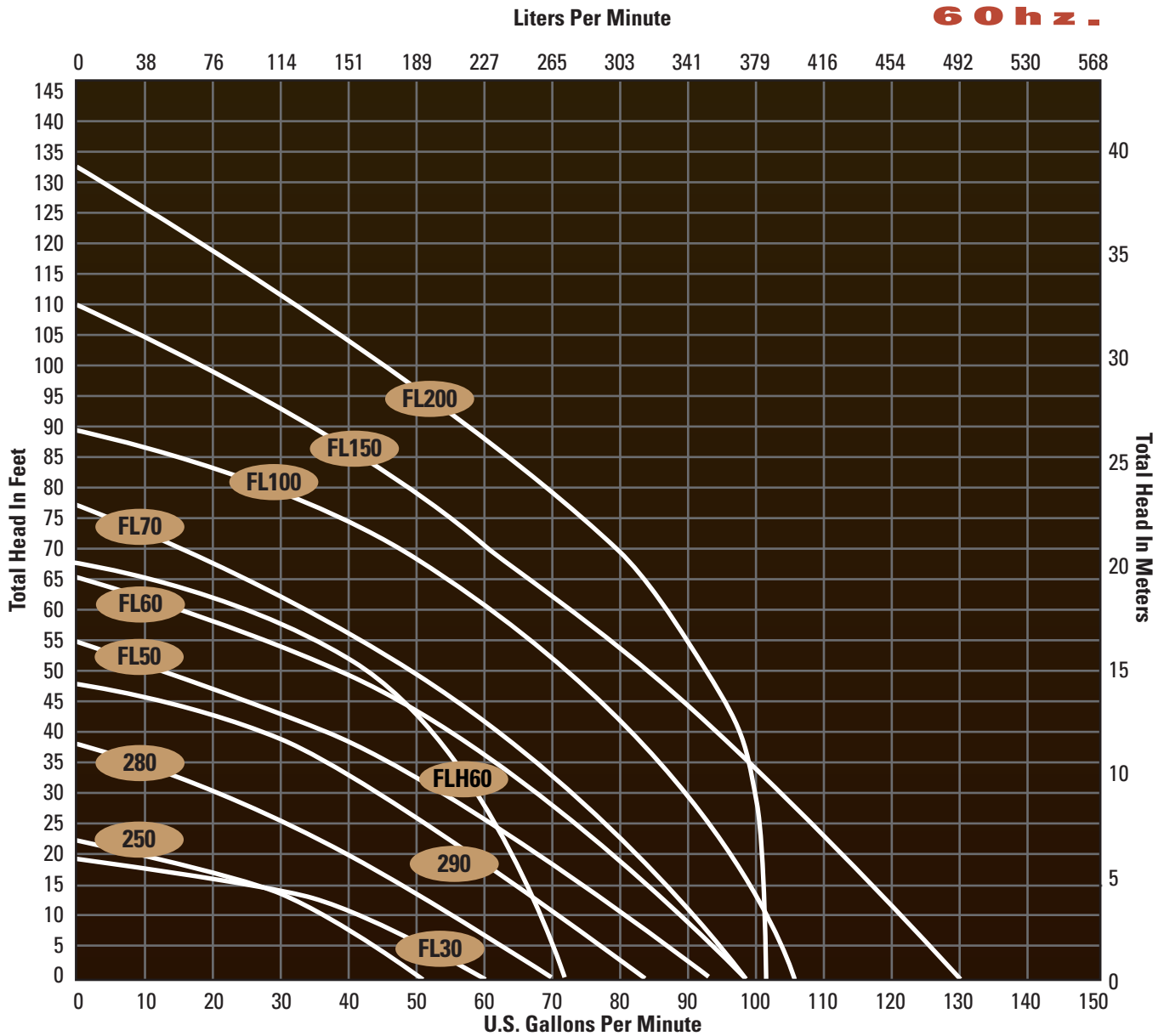
Not for use with chemicals



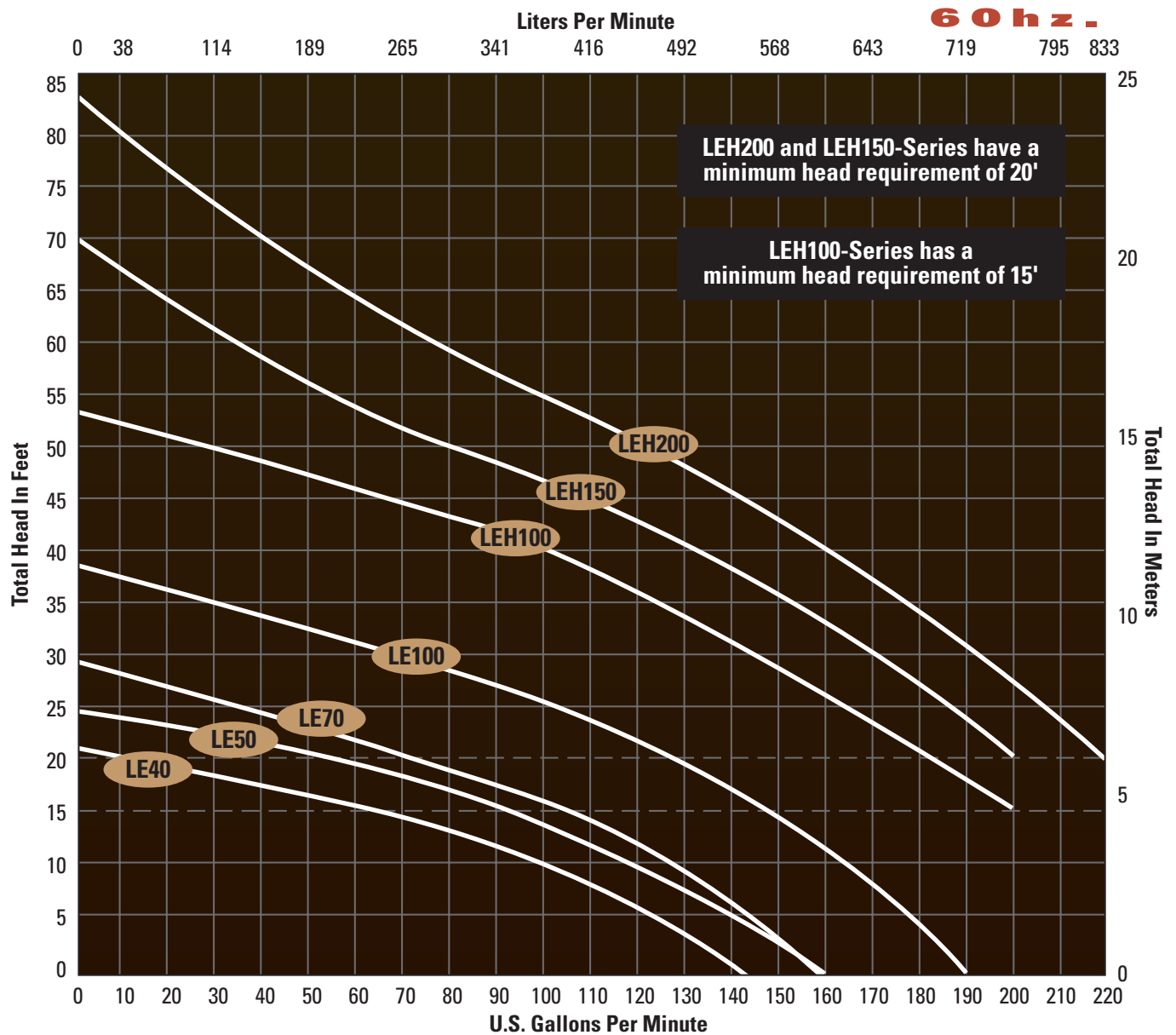
EFFLUENT PUMPS

PERFORMANCE CURVE DATA

60 h z .



SEWAGE PUMPS PERFORMANCE CURVE DATA





LE40-Series

4/10 hp 2" Solids-Handling
2" Discharge

Features:

- Heavy cast iron construction
- Vortex-style impeller made of corrosion resistant high temperature polymer
- Oil-filled thermally protected motor
- Permanently lubricated bearings
- All stainless steel fasteners
- Stainless steel rotor shaft
- 10' power cord with quick-disconnect design standard (25' cord also available)
- Wide-angle float with series (piggy-back) plug on automatic models

Model LE41M

115V, 12a, Manual (no switch)

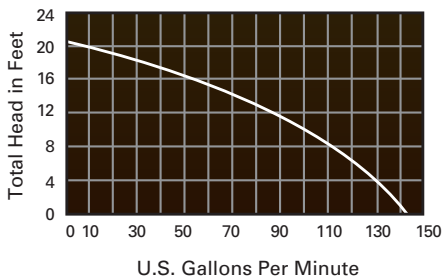
Model LE41A

115V, 12a, Wide Angle Float

Model LE41AV

115V, 12a, Vertical Float

PERFORMANCE CURVE
1725 RPM



LE50-Series

1/2 hp 2" Solids-Handling
2" Discharge

Features:

- Heavy cast iron construction with 2-vane semi-open *HYTREL® impeller
- Oil-filled thermally protected motor
- Permanently lubricated bearings
- All stainless steel fasteners
- Stainless steel rotor shaft
- 10' power cord with quick-disconnect design standard (25' cord also available)
- Wide-angle float with series (piggy-back) plug on automatic models

*HYTREL® is a registered trademark of DuPont Polymers

Model LE51M

115V, 12a, Manual (no switch)

Model LE51A

115V, 12a, Wide Angle Float

Model LE51AV

115V, 12a, Vertical Float

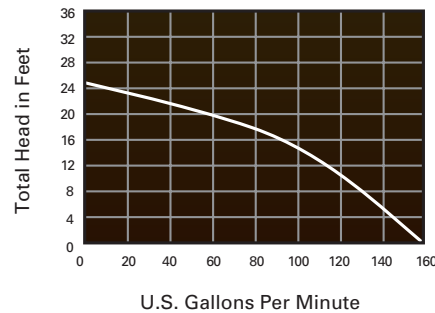
Model LE52M

208-230V, 6.8a, Manual (no switch)

Model LE52A

208-230V, 6.8a, Automatic

PERFORMANCE CURVE
1725 RPM



LE70-Series

3/4 hp 2" Solids-Handling
2" or 3" Flanged Discharge

Features:

- Heavy cast iron construction
- 2-vane cast iron impeller
- Oil-filled, thermally protected motor
- All stainless steel fasteners
- Stainless steel rotor shaft
- Single and 3-phase models
- 10' power cord with quick-disconnect design standard on single-phase models (other cord lengths available)
- Wide-angle float with series (piggy-back) plug on automatic models

Model LE71M

115V, 12a, Manual (no switch)

Model LE71A

115V, 12a, Automatic

Model LE72M

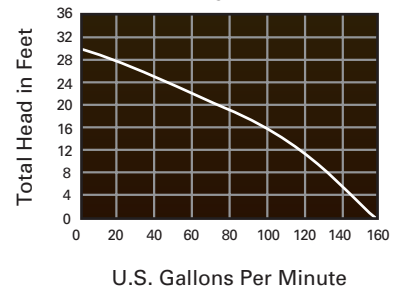
208-230V, 6a, Manual (no switch)

Model LE72A

208-230V, 6a, Automatic

Also available in 208-230V 3-phase and 440-480V 3-phase.

PERFORMANCE CURVE
1725 RPM





LE100-Series

1 hp 2" Solids-Handling
2" or 3" Flanged Discharge

Features:

- Heavy cast iron construction
- 2-vane, cast iron impeller
- Oil-filled thermally protected motor
- Permanently lubricated bearings
- All stainless steel fasteners
- Stainless steel rotor shaft
- Single and 3-phase models
- 10' power cord with quick-disconnect, standard on single-phase models (Other cord lengths available)
- Wide-angle float with series (piggy-back) plug on automatic models

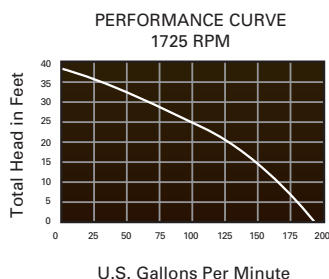
Model LE102M

208-230V, 8a, Manual (no switch)

Model LE102A

208-230V, 8a, Automatic

Also available in 208-230V 3-phase, 440-480V 3-phase and 575V 3-phase.



LEH100-Series

1 hp 2" Solids-Handling
2" or 3" Flanged Discharge

Features:

- Heavy cast iron construction
- 2-vane, cast iron impeller
- Oil-filled thermally protected motor
- Permanently lubricated bearings
- All stainless steel fasteners
- Stainless steel rotor shaft
- Single and 3-phase models
- 10' power cord with quick-disconnect, standard on single-phase models (Other cord lengths available)
- Wide-angle float with series (piggy-back) plug on automatic models

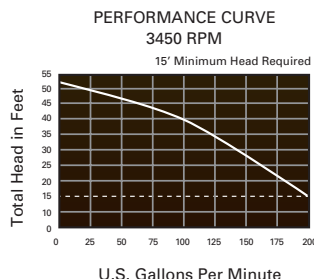
Model LEH102M

230V, 12a, Manual (no switch)

Model LEH102A

230V, 12a, Automatic

Also available in 208-230V 3-phase, 440-480V 3-phase and 575V 3-phase.



LEH150-Series

1.5 hp 2" Solids-Handling
2" or 3" Flanged Discharge

Features:

- Heavy cast iron construction
- Cast iron impeller
- Oil-filled thermally protected motor
- Permanently lubricated bearings
- All stainless steel fasteners
- Stainless steel rotor shaft
- Single and 3-phase models
- 25' power cord with quick-disconnect standard on all models (Other cord lengths available)
- Wide-angle float with series (piggy-back) plug on all models

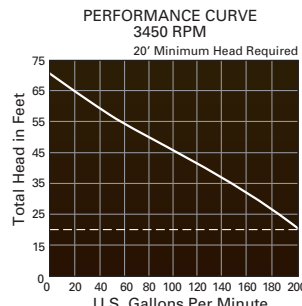
Model LEH152M

208-230V, 15a, Manual (no switch)

Model LEH152A

208-230V, 15a, Automatic

Also available in 208-230V 3-phase, 440-480V 3-phase and 575V 3-phase.



LEH200-Series

2 hp 2" Solids-Handling
2" or 3" Flanged Discharge

Features:

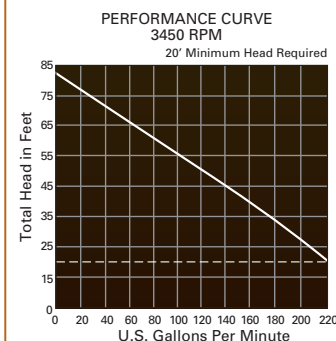
- Heavy cast iron construction
- Cast iron impeller
- Oil-filled thermally protected motor
- Permanently lubricated bearings
- All stainless steel fasteners
- Stainless steel rotor shaft
- Single and 3-phase models
- 25' power cord with quick-disconnect standard on all models

Model LEH202M

230V, 18a, Manual (no switch)

• LEH200-Series requires a control panel for automatic operations

Also available in 208-230V 3-phase, 440-480V 3-phase and 575V 3-phase.



EXPLOSION-PROOF SUBMERSIBLE PUMPS



For Hazardous Locations

Patent: See
www.libertypumps.com/patents



Class 1,
Division 1 Groups C & D
Class 1,
Zone 1 and Group
IIA and IIB



XFL-Series Effluent Pumps

Features:

- 3/4" solids handling
- Dual-sized discharge: 1-1/2" or 2"
- Heavy cast iron construction
- Dual shaft seals
- Seal fail sensor
- Cast iron impeller (Bronze optional)

XLE-Series Sewage Pumps

Features:

- 2" solids handling
- Dual-sized discharge: 2" or 3"
- Heavy cast iron construction
- Dual shaft seals
- Seal fail sensor
- Cast iron impeller (Bronze optional)

XLSG and XLSGX-Series Grinder Pumps

Features:

- V-Slice® Cutter Technology
- Heavy cast iron construction
- Dual shaft seals
- Seal fail sensor
- Single and two-stage models available

BIM Models Now Available!

ISS and ISD Intrinsically Safe Control Panels

Standard Features:

- Intrinsically safe relays and wiring terminals for float controls
- NEMA 4X enclosure
- Magnetic motor contactor(s)
- Hands-Off-Auto switch(s)
- Green pump run indicator(s)
- Terminal block for easy wiring
- Red alarm beacon
- Audible horn (83-85 db)
- Auxiliary dry contacts
- Seal fail indicator light(s) and test switch
- Prewired for run capacitor (single phase models)*



Non-sparking Guide Rails
Models available for
effluent, sewage and
grinder pumps



Simplex and Duplex

Consult factory for extensive list of panel options

*Run capacitors sold separately. See control panel literature.



LSG-SERIES GRINDER PUMPS

**LSG-200 Series
Grinder Pump
Single Stage**



Patent: See www.libertypumps.com/patents

**LSGX-200 Series
Grinder Pump
2-Stage**



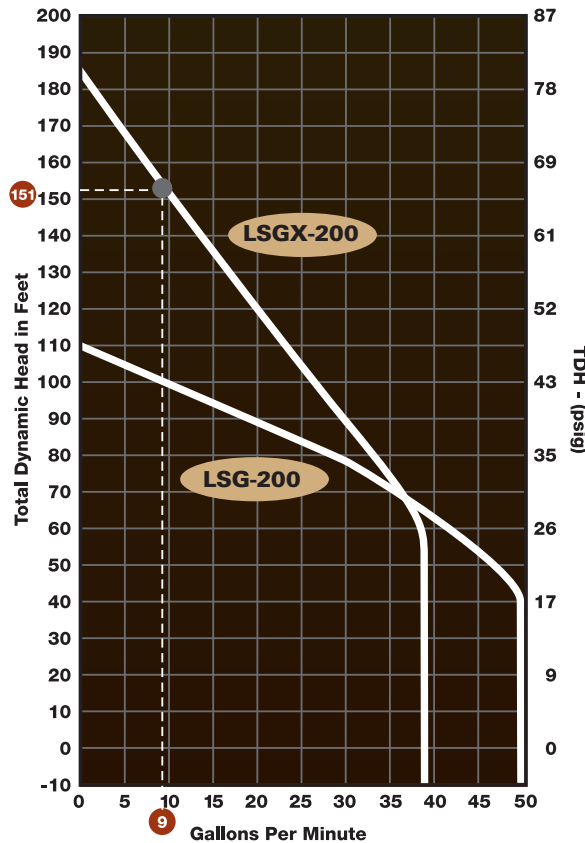
PATENTED V-SLICE® CUTTER TECHNOLOGY 2 hp, 1-1/4" Discharge

Features:

- One-piece cast iron housing
- Dual shaft seals
- Advanced V-Slice® cutter technology made of hardened stainless steel for superior shredding
- 25' Quick-disconnect power cord
- Solid state starting circuit
- Stainless steel impeller
- Internal and external capacitor models available

Available Voltages:

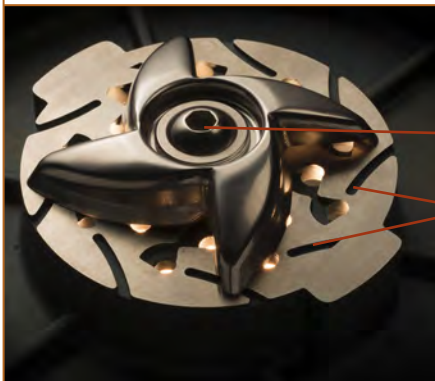
- 208-230V, Single Phase
- 208-230V, 3-Phase
- 440-480V, 3-Phase
- 575V, 3-Phase



GR20 Guide Rail



- Cast Iron construction
- Single 1-1/4" guide rail pipe design
- Auto alignment feature
- Upper rail support bracket
- GR20 – Standard location
- GR20NS – Non-sparking Hazardous location



V-Slice® Technology

- Recessed cutter bolt eliminates wadding
- Exclusion cleanout slots and back relief clears debris from under cutter

Superior cutting system provides improved shredding performance over radial cutters. V-pattern provides up to 108 alternated cuts per revolution. Entire cutting system made of 440 stainless steel hardened to 58 Rc.

Patent: See www.libertypumps.com/patents

RE/REX Series



Retro-Fit Systems for E/One® Grinder Packages

Engineered as an easy drop-in core replacement for E/One® GP200, GP2000 and Extreme D-Series systems utilizing Liberty's Omnivore® with Patented V-Slice® cutter technology.

Features:

- Easy-adjust goose neck discharge
- Cam-lock cover system
- Alarm float acts as redundant "on" control
- High-mount control box
- Available in single or two-stage designs

LSG202-RE

208-230V, 15a, 2hp, 60Hz

LSG202-REX

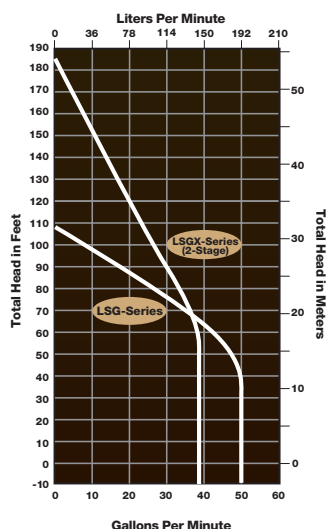
208-230V, 15a, 2hp, 60Hz

LSGX202-RE

208-230V, 15a, 2hp, 60Hz

LSGX202-REX

208-230V, 15a, 2hp, 60Hz



QUICK-SHIP PRE-ASSEMBLED SYSTEMS



2400-Series Simplex Grinder Packages

2448LSG Basin Size 24" x 48"

2460LSG Basin Size 24" x 60"

2472LSG Basin Size 24" x 72"

2484LSG Basin Size 24" x 84"

2 hp Grinder Pump

For residential and commercial applications Liberty offers complete factory assembled grinder packages featuring the Omnivore® grinder pump. All internal brackets, floats, guide rail and discharge piping is factory assembled for easy installation.

Features:

- 2 hp grinder pump, available in various volt-ages
- Anti-flotation collar
- Solid, heavy-duty fiberglass cover (optional black steel, solid)
- GR20 guide rail assembly
- Galvanized guide rail piping (stainless optional)
- All internal piping and brackets pre-mounted
- Floats are pre-mounted at factory-set levels
- All stainless steel fasteners
- 1-1/4" schedule 80 PVC discharge piping with ball valve and check valve
- ALM-2W alarm and NEMA 4X wiring box on 2448LSG

(NEMA 4X simplex panel with alarm on 2460LSG, 2472LSG and 2484LSG)

Custom sizes available.

For complete package specifications and other available options, consult the factory at 1-800-543-2550.



D3600-Series Duplex Grinder Packages

D3648 Basin Size 36" x 48"

D3660 Basin Size 36" x 60"

D3672 Basin Size 36" x 72"

D3684 Basin Size 36" x 84"

D3696 Basin Size 36" x 96"

2 hp Grinder Pump

Complete factory assembled duplex grinder packages featuring the Omnivore® grinder pumps. All internal brackets, floats, guide rail and discharge piping is factory assembled for easy installation.

Features:

- 2 hp grinder pumps, available in various volt-ages
- Available in single or 2-stage
- 4" inlet hub
- Galvanized guide rail piping (stainless optional)
- Factory pre-assembled guide rail system
- Factory pre-assembled schedule 80 PVC discharge piping with ball valves and check valves
- Fiberglass basin with anti-flotation collar
- Standard green fiberglass cover, solid (optional black steel, solid)
- All stainless steel supports and brackets pre-mounted
- Available in various voltages both single phase and 3-phase
- Matching duplex control panel included

Custom sizes available.

For complete package specifications and other available options, consult the factory at 1-800-543-2550.

All above systems are available with LSGX 2-Stage Grinders.

CUSTOM EPS SYSTEMS

NEED A SPECIALLY SIZED SYSTEM?

We've Got You Covered

Let Liberty Pumps customize a pump system to your exact requirements.
Simplex, duplex, special basins, guide rails, panels and more!



Fiberglass Basins...

Tall or short, narrow or wide, Liberty can provide any configuration of basin size with options like anti-floatation collars, guide rails and an assortment of covers. You tell us the size you need.

Pumps...

Select any of Liberty's sewage, effluent or grinder pumps to meet your pumping application. If you need help, our technical support team is there to help you select the correct pump for your application.

Panels...

Simplex or duplex, indoor or outdoor we've got any panel option you can possibly dream up. Need a cycle counter or elapsed time meter? How about a timed dosing application – no problem. All UL and CSA certified, Liberty offers panels with tons of options. When you specify a Liberty EPS, we make sure all components are properly matched to the job.



Working System

Liberty's EPS systems have factory assembled components such as floats, brackets, guide rails and even pre-mounted pumps (*when system size allows). This factory assembly reduces job-site labor and potential field errors.

*For security and ease of transportation, pumps are shipped separately with basins taller than 48 inches. Floats, brackets and other internal components are still factory installed whenever possible.

Engineered Pump Systems from Liberty Pumps

We make your job easy – Quotations within 24 hours!

1 - 8 0 0 - 5 4 3 - 2 5 5 0

ASCENT™ II MACERATING TOILET



Featuring RazorCut™ Technology
IST™ Switch Sensing and CleanConnect™ Seal

Patent: See
www.libertypumps.com/patents

The complete system for convenient addition of a bathroom in remodeling projects and additions. Powerful macerating system pumps waste to existing sewer lines in the building or home. Accepts additional lavatory and tub/shower connections for a complete bathroom anywhere!

Performance: Powerful and quiet, the new RazorCut™ system with stainless steel blades provides superior cutting compared to other macerating toilets.

Toilet: 1.28 GPF WaterSense® rated. Insulated tank eliminates sweating. Available in elongated and round front. Slow-close toilet seat included.

Serviceability: Designed with a new removable access cover, the Ascent™ II is completely serviceable without removing the macerating unit from the toilet or disconnecting plumbing!

Functionality: LED's inform of power on, alarm condition or low battery condition. Touch pad buttons allow manual by-pass operation of the unit and alarm silencing.

Code Compliant: Meets ADA standards, ANSI 117.1 and the new 1.28 gallon per flush requirement.

Extension Pipe

#K001184 (sold separately)

Includes decorative trim ring for a more professional looking installation. 18" Length works with 2" x 4" or 2" x 6" wall.



RazorCut™ System

Improved cutter system features stainless steel razor blades (replaceable with heavy duty utility knife blades).



Specifications

Hp: 1/2

Volts: 115

Hz.: 60

Amps: 7.9

RPM: 3450

Thermally protected with automatic reset

Alarm: 115 volt with 9 volt battery back-up

Tank Material: ABS

Cutter Blades: Stainless Steel

Power Cord: 8', white, right-angle plug holds close to wall

Maximum Fluid Temperature: 104 degrees F., 40 degrees C.

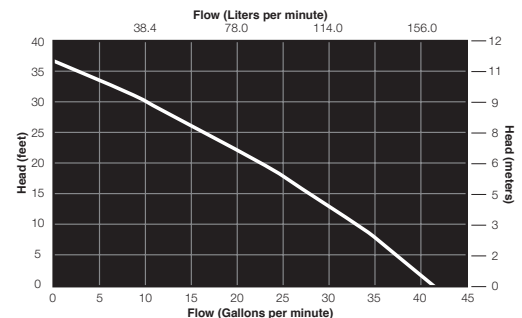


IST™ Intelligent Switch Technology and Functional Touchpad
LED display informs of Power on, Alarm Condition and Low Alarm Battery. Touchpad on cover allows for manual run of the macerator and alarm silencing.



Removable Service Panel Allows simple access to the system for cleaning or blade replacement without removing plumbing or disconnecting the toilet.

60 Hz. Performance Curve



Note: Maximum shut-off head is 36 feet. Usable maximum head - assuming 150' of lateral discharge through 1" pipe is 25 feet. Consult factory for proper sizing and calculation of friction loss.

2" Solids-Handling Models



Pro370-Series 41 Gallon Simplex System

Basin size: 21" x 30"

The Industry's leading residential sewage package, Liberty's Pro370-Series arrives from the factory completely assembled. This is the system of choice for its quality, ease of installation and selling features.

- Durable 21" x 30" polyethylene basin with reinforcing ribs for improved structural strength



Pro380-Series 41 Gallon "Shallow" Simplex System

Short System with Large 41 Gallon capacity!

Basin size: 24" x 24"

Shipped completely assembled, the Pro380-Series offers larger capacity in a shallow basin design. Only 24" high, the Pro380 is perfect for bedrock and difficult soil conditions. Total capacity – 41 gallons!

- Durable 24" x 24" polyethylene basin with new reinforcing ribs for improved structural strength



Pro680 Duplex Package

Features:

- Dual - LE-Series pumps in 115 or 230 volt
- Two – 2" discharge outlets
- 2" vent (3" optional)
- Side 4" inlet hub (top inlet is optional)
- IAPMO listed shallow profile basin – only 24" tall. Passes 10' stack test.
- Suitable for direct-on-floor installations
- QuickTree® float system – allows easy removal of floats
- Robust 16 bolt cover
- Ships with PDC duplex control and alarm



IAPMO
Listed Basin



PDC Duplex Control and Alarm

Available in NEMA 1 or NEMA 4X

Pro370 and Pro380-Series Features:

- Molded anti-flotation collar
- Torque stops molded into the base provide added pump stability and assure proper clearance for the float switch
- Integrally molded handles ease transportation and installation
- Clear disposable construction cover
- Molded inlet hub has no bolts or gaskets – sized for 4" flexible couplings
- Over 50% more total capacity than standard 18" x 30" basins
- 2" or 3" Schedule 80 PVC discharge pipe
- Heavy, structural foam cover with integrated rubber cord seals and gaskets
- Stainless steel cover bolts
- Removable inspection cover for floats
- QuickTree® Float Technology
- Discharge and vent have integrally molded threads. No separate flanges or seals

Available with pre-mounted alarm option and NightEye® wireless enabled alarms.

QuickTree® Kit

Simply order a QuickTree® Kit and manual LE-Series pump on unassembled systems.

QuickTree® Kit comes complete with stainless steel rod, pump float and clamps pre-mounted.



Shipped with Clear Construction Cover

Clear disposable cover protects the system during masonry work and rough-in.

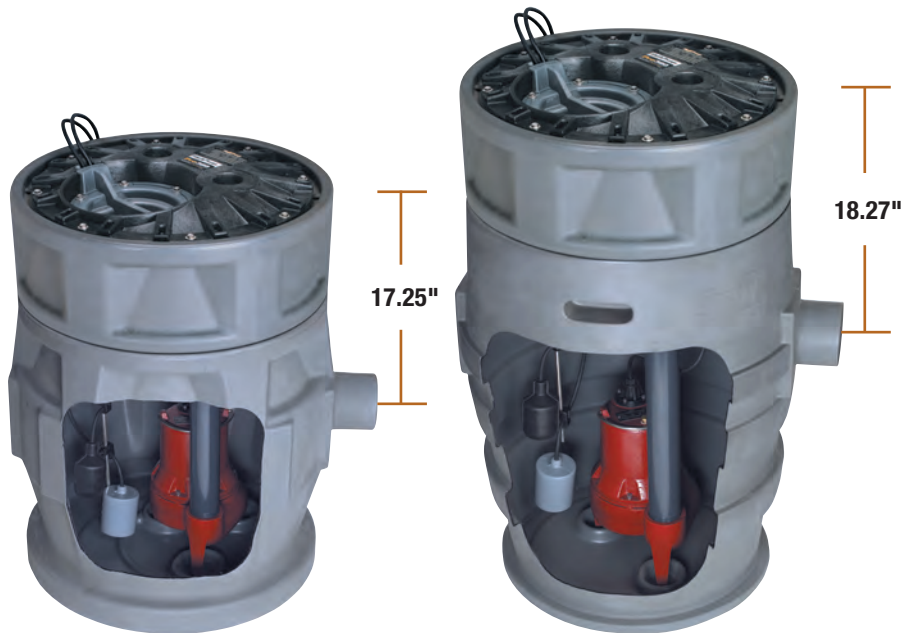


Pro-SERIES ACCESSORIES

X8 Basin Extension

For Pro370 and Pro380 Systems

Custom designed 8" basin extension increases inlet to top-of-tank height allowing for longer inlet runs. Fits exclusively all Pro-Series systems. Includes gasket, hardware and extended QuickTree®. Passes 10' stack test!



X8-D Basin Extension

For Pro680 and ProVore680 Systems

Order a Factory Mounted Alarm System!



ALM-2W
Outdoor Rated
115V Alarm
(not shown)

ALM-2 (pictured)
Indoor 115V Alarm with 9V Battery Back-up

**NightEye® Wireless Enabled
Models Available!**

Pro380-SD Series Side Discharge Models Available

Consult Pro380-SD sales literature for more information

Available with LE40 or LE50-Series Pumps



ARC18 Access Riser 18" with Cover

For direct burial of Pro370 and Pro380 systems up to 18" below grade, Liberty's access riser provides a convenient chamber for your pump's electrical and piping connections – out of sight and below ground. Riser simply slides over the top of the sealed system.

Available with electrical and piping installation kits (sold separately).

IKIT2-115
115V, 2" Kit

IKIT2-230
230V, 2" Kit

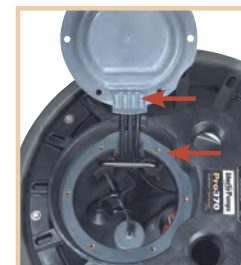
All Systems Feature QuickTree® Technology

Allows simple removal of floats without pulling the pump or disconnecting the plumbing.



Patent: See www.libertypumps.com/patents

Integral Rubber Seals



Unique integrated cord seal technology and permanent rubber cover gaskets.

ProVore® GRINDER PUMP

Make the switch from solids handling to grinder



Grinder Pump

1 hp
115V or 230V
2" Discharge

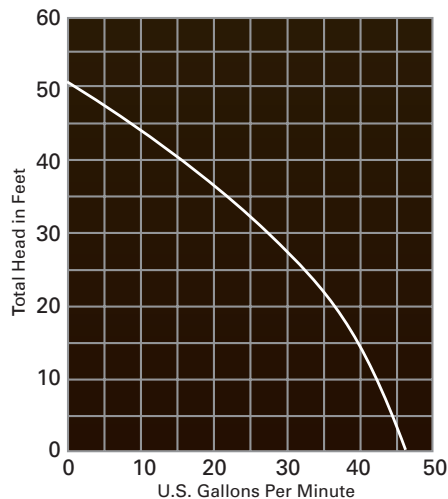
The new ProVore® brings Liberty's patented V-Slice® cutter technology to residential sewage applications. Powered by a 1 hp motor, this smaller grinder is designed to operate on a standard 115 or 230 volt circuit – requiring only a 20 amp breaker. No special wiring is needed.

Featuring a 2" vertical style discharge and standard leg pattern matching Liberty's LE-Series sewage pumps, the ProVore® can easily retro-fit into already existing systems. Engineered with flow rates to 46 GPM – the ProVore® provides adequate scouring in 2" discharge lines with lower pumping heads commonly found in residential basement installations.*

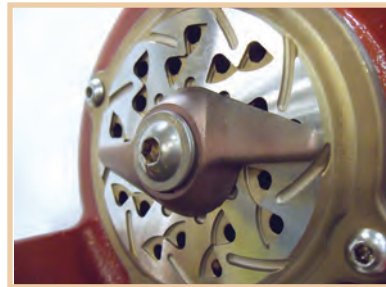
*Not for use on 3" discharge systems or systems with higher heads. Consult factory for proper sizing when replacing existing 4/10 hp or 1/2 hp solids-handling sewage pumps.

- Heavy cast iron construction
- Patented V-Slice® cutter technology
- 10' quick-disconnect power cord (25' optional)
- 2" discharge
- Wide angle piggy back style float (automatic model)
- 115V or 230V, single phase

Performance Curve 60 hz



Patent: See
www.libertypumps.com/patents



Patented V-Slice® Cutter Technology

Shreds difficult solids—such as feminine products, wipes, rags, and other debris.

Model PRG101M

115V, 12a, Manual

Model PRG101A

115V, 12a, Wide Angle Float

Model PRG101AV

115V, 12a, Vertical Float

Model PRG102M

230V, 6a, Manual

Model PRG102A

230V, 6a, Wide Angle Float

ProVore® GRINDER SYSTEMS



Patent: See
www.libertypumps.com/patents



Compact Duplex
System!

ProVore® 380

QuickTree® Technology

ProVore® 680

QuickTree® Technology

ProVore® 380 Simplex Package

Features

- 1 hp ProVore® grinder in 115 or 230 volt
- 2" discharge and vent
- IAPMO listed shallow profile basin – only 24" tall. Passes 10' stack test.
- 41 gallon capacity
- Suitable for direct-on-floor installations
- Integrally molded heavy-duty gaskets
- QuickTree® float system – allows easy removal of floats
- Separate access cover
- Robust 16 bolt cover

See ProVore® (PRG-Series) literature for complete pump specifications and performance.



IAPMO
Listed Basin

ProVore® 680 Duplex Package

Features

- Dual - 1 hp ProVore® grinders in 115 or 230 volt
- Two – 2" discharge outlets
- 2" vent (3" optional)
- Side 4" inlet hub (top inlet is optional)
- IAPMO listed shallow profile basin – only 24" tall. Passes 10' stack test.
- Suitable for direct-on-floor installations
- QuickTree® float system – allows easy removal of floats
- Robust 16 bolt cover
- Ships with PDC duplex control and alarm

See ProVore® (PRG-Series) literature for complete pump specifications and performance.



IAPMO
Listed Basin



Indoor Model
Shown

**PDC Duplex
Control and Alarm**

Available in NEMA 1 or NEMA 4X

PRE-ASSEMBLED SYSTEMS



1100-Series 110 Gallon Duplex System

Basin size: 30" x 36"

For multi-unit residential and commercial installations, Liberty's 1100-Series provides the assurance of uninterrupted operation. With two pumps operating alternately, this system will provide years of trouble-free performance.

Features:

- Torque-stops to secure pumps in their proper position
- Heavy-duty cover with separate pump access openings
- Separate inspection cover
- 2" or 3" discharges (2" only on PRG-Series)
- 2" or 3" threaded vent flange
- 4" inlet hub
- Available completely pre-assembled from the factory. Floats for control panel are pre-mounted in basin when control is ordered with a pre-assembled system. Control panel sold separately.

Available pre-assembled with any of Liberty's LE-Series pumps, or PRG-Series grinder pumps.

See pump section for specific performance curves and pump specifications. See accessories section for information on duplex control panels and other accessories.

Other Duplex Systems

Liberty offers an extensive line of tank sizes and configurations. Please consult factory for other sizes not shown. 1-800-543-2550.



700-Series 70 Gallon Simplex System

Basin size: 24" x 36"

For multi-unit residential and commercial installations. Completely pre-assembled with any of Liberty's LE-Series pumps.

Features:

- Fully assembled
- Torque-stops to secure pumps in their proper position
- 2" or 3" threaded vent flange
- 2" or 3" discharge (2" only on PRG-Series)
- 4" inlet hub
- Total capacity: 70 U.S. gallons

Available pre-assembled with any of Liberty's LE-Series pumps, or PRG-Series grinder pumps.

See pump section for specific performance curves and pump specifications.

LOW PROFILE



LowPro41LP

Low Profile Sewage System

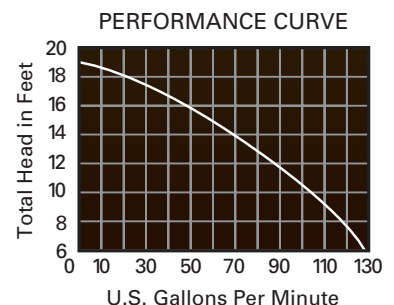
For installation of a toilet or other fixtures without breaking-up concrete floors. Mounts free-standing or can be built-in for a more finished look. Perfect for remodeling and basement bathroom additions.

Model LowPro41LP
115V, 4/10 hp

Features:

- 4/10 hp Sewage pump
- Powerful internal spray helps break down solids and circulate fluid
- Durable, low profile polyethylene tank
- Heavy duty 2" check valve
- Closet flange
- Closet flange spacers
- Additional inlet grommet provided for lavatory or shower
- Fully assembled from the factory!

(Toilet not included)



ECONOMY DUPLIX CONTROL



50/50-Series

Alternating control and alarm for duplex sump pump applications

The 5050 duplex control provides alternating operation of two 120 volt pumps. Plug-in ready wiring makes installation easy! Simply plug the pumps into the provided receptacles. No hard wiring required.

Features:

- NEMA 1 indoor rated enclosure
- Automatically alternates pump operation – equalizing wear and extending pump life
- Factory installed 10 ft. power cord
- Factory wired floats - available in wide angle or vertical style
- Green power on indicator
- Green pump run indicators
- Audible and visual alarm
- Normal/silence switch externally mounted for easy operation
- Receptacles are angled to accept standard or right-angled plugs

Models:

5050W
Wide-Angle
Float

5050V
Vertical
Style Float



5050V Shown

IP-SERIES CONTROLS



IP-Series™

Intelligent Panel Series with float-less technology!

- SIMPLEX
- DUPLEX



IP-Series™ control panels incorporate programmable pump features through a simple, easy-to-use touch pad on the inner door. Now pump programming and system monitoring is easier than ever!

Features:

- NEMA 4X weatherproof enclosure for indoor/outdoor mounting
- Float-less level sensor is compact and eliminates multiple wide-angle floats for controlling pumps
- Redundant “ALARM” float included for added security
- Easy-to-use touch pad for programming pump on/off levels and alarm level
- Separate control and alarm fuses
- Digital display board for system monitoring
- Alarm beacon and horn provide audio/visual warning of alarm condition
- Auxiliary contacts
- Panel is field convertible for either demand dose or timed dose applications
- Inner panel door provides increased safety
- Instruction label on inside cover for viewing and programming digital display

STANDARD CONTROLS



Simplex & Duplex Controls

The Liberty SX and AE-Series control panels provide reliable operation of either one or two pumps in residential or commercial applications.

Standard Features:

- Across-the-line magnetic contactor(s)
- Test/Auto switch(es)
- Terminal block
- Green pump run light(s)
- Alarm horn
- Red alarm indicator light or beacon
- Alarm silence and test switches
- Auxiliary contacts

SX or AE-Series controls are available in voltages from 115V to 575V 3-phase. NEMA 1 and NEMA 4X enclosures. Consult factory for ordering information and other options not shown.

PDC-Series Duplex Control

Designed for use with Pro680-Series systems.

Features:

- 115 or 230V
- Plug-in ready wiring
- Automatically alternates pump operation
- Audible and visual alarm
- 9V battery alarm back-up
- Indoor or outdoor options available
- Auxiliary contacts



Liberty Pumps



NightEye®

Wireless Enabled Alarm

ALM-EYE Series



Patent: See www.libertypumps.com/patents

Alarm Features:

- NEMA 1, indoor rated
- 120 volt operation with 9-volt battery backup
- 86 dB audible alarm
- Super bright red LED alarm ring
- Green power on LED
- Low battery LED
- Low battery warning
- Automatic reset
- Wi-Fi LED
- Silence or test alarm manually or through your smart device
- Two switch styles available – wide angle float or compact snap-on float (fits 1-1/4" and 1-1/2" pipe) (snap-on float not recommended for sewage applications)
- Auxiliary contacts for connection to other home security systems
- Device will run up to 12 hours on 9-volt battery with alarm active, up to 7 days in standby mode

App Features:

- Apple® iOS and Android® compatible
- Free download on Google® Play Store or the App Store
- Cloud-based system technology
- Get immediate notification from your smart device of alarm activation – anywhere in the world
- Sends via text, email or push notification – up to 4 different contacts/phone numbers
- Low basement temperature notification (user defines temperature level for warning)
- Silence or test your alarm remotely from your smart device
- One NightEye® app can control multiple devices (separate alarm/control units required)
- Loss of Wi-Fi notification (utilizes smart wireless monitoring to prevent nuisance notifications)

New! Super-bright LED alarm ring - Increases visibility



Snap-on Compact Float
Model ALM-P1-EYE
(Sump Pump Applications)



Wide Angle Float
Model ALM-2-EYE
(Sewage Applications)



Puddle Sensor
Model ALM-PK-EYE
(For floor level water sensing)

MODEL	Float Style	Float Cord Length	Weight lbs.
ALM-P1-EYE	Compact snap-on	10'	2
ALM-2-EYE	Wide-angle	20'	4
ALM-2-1-EYE	Wide-angle	10'	3
ALM-PK-EYE	Water Puck	50'	2



Normal Status Screen

Alarm Notification Screen

ALARM SYSTEMS

ALM-Series

- Indoor rated
- 115V operation with 9 volt battery back-up
- 86 decibel horn
- Red LED Alarm Ring
- Green "power-on" light
- Auxiliary contacts
- Automatic alarm reset
- Test / Silence buttons
- 9 volt industrial battery included



Patent: See www.libertypumps.com/patents

NEW!
Super bright LED alarm ring

ALM-2-1

(Wide angle float, 10' cord)

ALM-2

(Wide angle float, 20' cord)

ALM-P1

(Compact snap-on float, 10' cord)

ALM-PK-EYE
(For floor level water sensing, 50' cord)

ALM-2



Wide Angle Float
(Sewage/Effluent application)

ALM-P1



Compact Snap-on Float
Fits 1-1/4" or 1-1/2" pipe
(Sump application)

ALM-PK-EYE Puddle Sensor



ALM-2W

- Indoor/Outdoor alarm
- 115V
- Visual and audio alarm
- Weatherproof enclosure
- 20' float cord
- Auxiliary contacts



ALM-3W

- NEMA 4X outdoor alarm
- 115V
- Visual and audio alarm
- Auxiliary contacts
- Test/Silence switch
- Large red beacon light
- 88 db horn

CHECK VALVES

Quiet Check Valves



CV2N1 - 1-1/4" and 1-1/2"

CV150 - 1-1/2"

CV200 - 2"

Economy check valves

- ABS valve body
- Rubber slip connect with hose clamps



QCV150 - 1-1/2"

QCV200 - 2"

- Spring loaded design reduces water hammer noise
- PVC valve body
- Includes union for easy removal



CV2N1C - 1-1/4" and 1-1/2"

CV200C - 2"

CV300C - 3"

PVC heavy duty check valve

- Compression fittings
- Vertical or horizontal install



High-Temp!

HCV150 - 1-1/2"

HCV200 - 2"

Heavy duty cast iron check valves

- High temperature rated to 200° F.
- FNPT threaded connection
- Suitable for use with high-temperature sump pumps



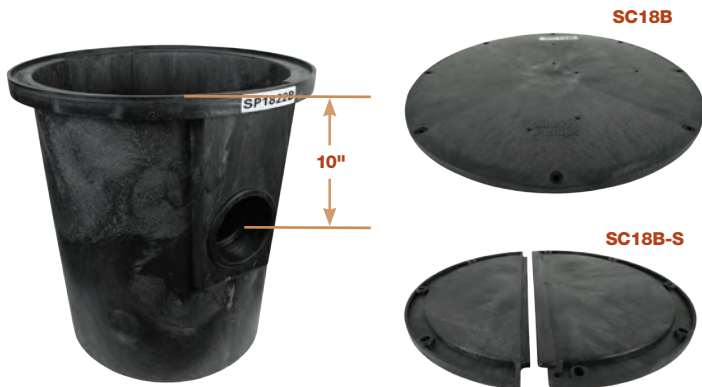
BCV150 - 1-1/2"

BCV200 - 2"

Ball and Check Valve Combo

- One piece construction
- Heavy duty PVC body
- Rated to 125 psi

SUMP ACCESSORIES



SP1822B Sump Pit

- 18" x 22"
- Durable structural foam, smooth wall
- Includes 4" inlet grommet (unassembled)

SC18B Sump Pit Cover (Solid)

- Solid cover for SP1822B pit
- Includes durable rubber gasket and Hardware
- Radon mitigation acceptable when used with SP1822B pit

SC18B-S Sump Pit Cover (Solid)

- Solid cover for SP1822B pit
- Allows easy access without disassembling pump piping
- Includes durable rubber gasket and Hardware
- Radon mitigation acceptable when used with SP1822B pit

Stop Debris Jamming!



"The Brick"

Submersible Sump Pump Platform

Finally, a professional way to install your Liberty submersible sump pump!

- Replaces unstable bricks or blocks
- Reduces potential jamming from debris, rocks and sediment

- Durable molded ABS plastic with pump restraints – fits exclusively Liberty submersible sump pumps
- Adhesive strip attaches to sump pump



GRINDER PUMP LSG & LSGX-SERIES ACCESSORIES

Model GR20

Guide Rail Base

- Fits Omnivore® LSG-Series grinder pumps
- Heavy cast iron construction
- GR20NS – For non-sparking hazardous locations
- Single guide pipe design with auto align feature
- 1-1/4" Guide pipe female NPT
- 1-1/4" Discharge female NPT
- Heavy nitrile sealing grommets
- Includes mating flange for LSG-Series pump and upper rail support bracket, stainless steel bolts and sealing grommet (Guide rail pipe not included)



Model G90

Flanged Elbow, 90 Degree

- Fits Omnivore® LSG-Series grinder pumps
- Provides vertical discharge for non-guide rail installations
- 1-1/4" Female NPT outlet
- Heavy cast iron construction
- Powder coated for corrosion resistance
- Includes sealing grommet and stainless steel bolts
- Allows LSG-Series pumps to connect to some other guide rail designs



ACV125

Anti-siphon Check Valve

- Heavy cast iron construction
- Integrated heavy weight nitrile ball check valve
- Anti-siphon feature breaks suction to prevent unwanted tank siphonage
- 1-1/4" Female NPT connection
- 125 psi rated



Liberty Pumps®

800-543-2550

Fax (585) 494-1839

www.libertypumps.com

Liberty Pumps - 7000 Apple Tree Avenue
Bergen, NY 14416

Pro380

QuickTree® Technology

Ascent™ II
Macerating Toilet System


NightEye®

SUMPJET®
Water Powered Back-Up Pump


Omnivore
Grinders

X-Series™
Explosion
Proof Pump

OilTector®
CONTROLS

ProVore®
Residential
Grinder

Pro370

QuickTree® Technology


StormCell®
Battery Back-Up Pump


SumpBox
by Liberty Pumps

V-Slice®
Cutter Technology



ISO 9001
REGISTERED COMPANY

**Inc.
5000**

One of America's fastest growing,
privately owned companies.

All specifications listed within this brochure are subject to
change without notice.

Consult factory for complete warranty information.

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