

Liberty Pumps™



SIMPLEX 700-SERIES PRE-ASSEMBLED SEWAGE EJECTOR SYSTEM

**2" Solids-Handling
2" or 3" Discharge**

***For multi-unit residential and
commercial installations
up to 250 fixture units.***

BASIN SPECIFICATIONS

Dimensions: 24" x 36"

Materials: High density structural foam designed around an earth density of 120 lbs. per cu. ft.

Total Capacity: 70 U.S. gallons

Volume Per Cycle: 20.5 U.S. gallons

Cover: High density structural foam, corrosion proof, impact resistant (steel cover optional)

FEATURES:

- High density structural foam basin designed with the required buckling load strength and rigidity of larger sewage basins
- Energy absorbing cellular core withstands high impact forces
- Split cover standard – allows access to pump without disturbing vent pipe (non-split cover optional)
- Stainless steel cover bolts
- 2" or 3" discharge
- 2" or 3" threaded vent flange
- 4" cast iron, caulking-type hub
- Pump-Restraints – "Torque-Stops"

700-SERIES

TECHNICAL SPECIFICATIONS

PRE-ASSEMBLED SEWAGE EJECTOR

Ejector system shall be model _____ / _____ as manufactured by Liberty Pumps, Bergen, N.Y. or equal. The system shall be factory pre-assembled with pump and automatic control(s) pre-mounted requiring no system assembly at job-site.

BASIN

The basin shall be constructed of structural foam with an energy absorbing cellular core to resist high impact forces. Dimensions shall be 24" diameter x 36" high and shall have a total capacity of 70 U.S. gallons. The inlet hub shall be 4" cast iron, caulking type. The basin shall have "torque-stops" to locate and retain the pump in its proper position.

COVER

The cover shall be constructed of high density structural foam. Cover shall be 28" in diameter and shall have a _____ (2" or 3") discharge and vent flange. The cover shall be provided with an adhesive gasket seal and shall be bolted to the basin. All cover hardware shall be stainless steel.

PUMP

See Specific LE-Series literature for pump performance and technical specifications. See sewage accessories and controls literature for alarms and other optional equipment.

FACTORY PRE-ASSEMBLED SYSTEMS

MODEL	HP	VOLTS	PHASE	DISCHARGE SIZE	WGT. LBS.	3-PHASE PANEL REQUIRED
702/LE41A	4/10	115	1	2"	101	NO
702/LE51A	1/2	115	1	2"	105	NO
702/LE52A	1/2	208-230	1	2"	105	NO
702/LE71A	3/4	115	1	2"	124	NO
702/LE72A	3/4	208-230	1	2"	124	NO
702/LE73M	3/4	208-230	3	2"	124	YES
702/LE74M	3/4	440-480	3	2"	124	YES
702/LE102A	1	208-230	1	2"	127	NO
702/LE103M	1	208-230	3	2"	127	YES
702/LE104M	1	440-480	3	2"	127	YES
702/LE105M	1	575	3	2"	127	YES
702/LEH102A	1	208-230	1	2"	126	NO
702/LEH103M	1	208-230	3	2"	125	YES
702/LEH104M	1	440-480	3	2"	125	YES

For 3" Discharge Systems change model number to "703" Example: 703/LE51A

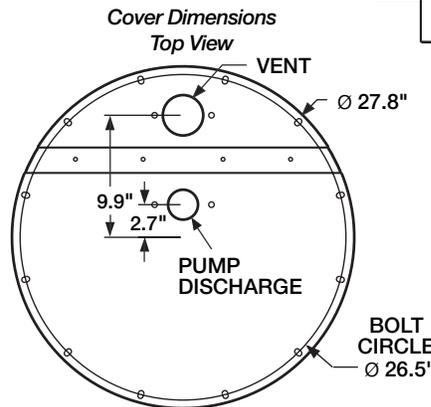
NOW AVAILABLE WITH OPTIONAL PRE-MOUNTED ALARM FLOATS!

Alarm Model	Add Suffix	Ordering Example
ALM-2	/A2	702/LE51A/A2
ALM-2W	/A2W	702/LE51A/A2W
ALM-3W	/A3W	702/LE51A/A3W

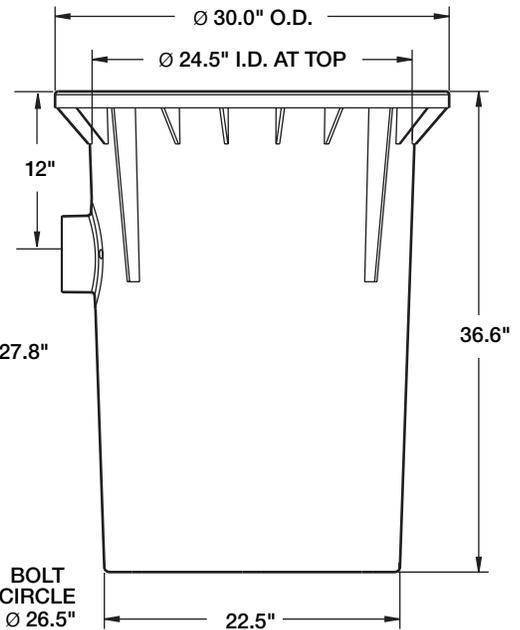
Alarm Float is pre-set at proper level in basin. Alarm Panel packaged with unit.

INDIVIDUAL COMPONENT NUMBERS:

Description	Model
Basin, 700-Series	44670A0
Split Poly Cover, 2" discharge & vent	4593000
Split Poly Cover, 3" discharge & vent	4594000



DIMENSIONAL DATA



Consult factory for custom sized basins and optional inlet and discharge configurations



Specifications subject to change without notice.

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