



## ***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

## 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.

## 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

## TECHNICAL SPECIFICATIONS

### 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.

## 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:

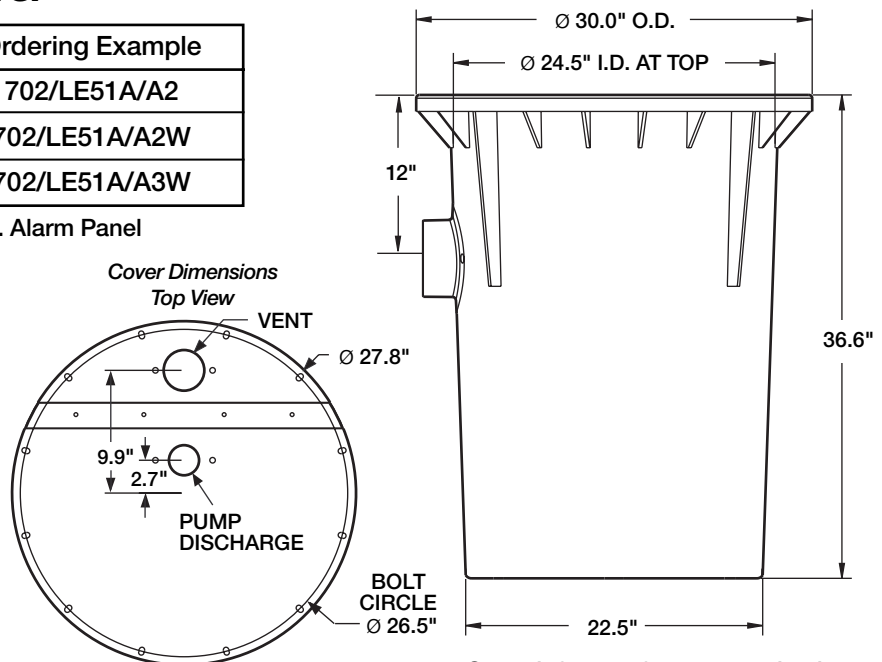
Description	Model
Basin, 700-Series	44670A0
Split Poly Cover, 2" discharge & vent	4593000
Split Poly Cover, 3" discharge & vent	4594000



Certified Pumps

Specifications subject to change without notice.

## DIMENSIONAL DATA



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