



## **1100-SERIES**

### **Factory Pre-assembled!**

### **DUPLEX SEWAGE**

### **SYSTEM**



*For multi-unit residential and commercial installations requiring the security of two pumps.*

**30" X 36" Basin**  
**110 Gallon Capacity**

*Factory pre-assembled with any of Liberty's LE-Series sewage pumps...you select the pump and control panel – we build the system!*

*2" or 3" discharges available*

#### **FEATURES:**

- HDPE structural foam basin; 30" diameter x 36" high; 110 gallon capacity
- Completely assembled system with piping included
- Floats for control unit factory pre-set, see \*note.
- 4" cast iron, caulking-type inlet hub
- Heavy, 1/4" enamel coated steel cover with separate pump access covers and a 10" diameter inspection cover. (Fiberglass cover assembly available.)
- Pump restraints (torque-stops) hold pumps securely in proper positions.

**\*NOTE:** 1100-Series systems require a separately ordered control panel for automatic operation and alternation of pumps. Floats are included as part of the control panel and are pre-mounted in system when the control is ordered with the base 1100-Series unit. See AE-series literature or consult factory for proper control selection.

# 1100-SERIES DUPLEX SEWAGE SYSTEM

## TECHNICAL SPECIFICATIONS

### SYSTEM

The duplex sewage system shall be model \_\_\_\_\_/\_\_\_\_\_ as manufactured by Liberty Pumps, or equal. The system shall be factory pre-assembled with the pumps, steel discharge pipe nipples and floats pre-mounted in the basin. Volume per pump cycle shall be factory set at 28 U.S. gallons. Floats shall be tethered to a removable stand pipe/access cover assembly.

### BASIN

The basin shall be constructed of high density polyethylene structural foam and shall have a total capacity of 110 U.S. gallons. Dimensions shall be 30" diameter X 36" deep. The basin shall be provided with a 4" cast iron caulking-type inlet hub and molded "torque-stops" to secure pumps in proper position.

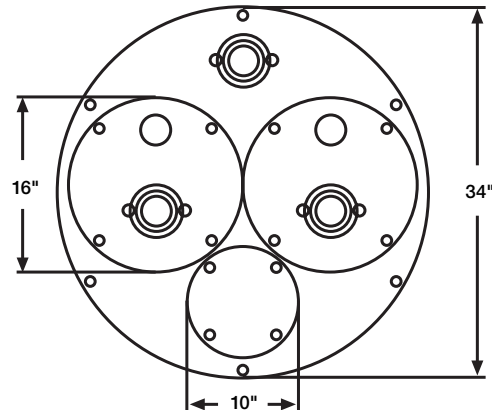
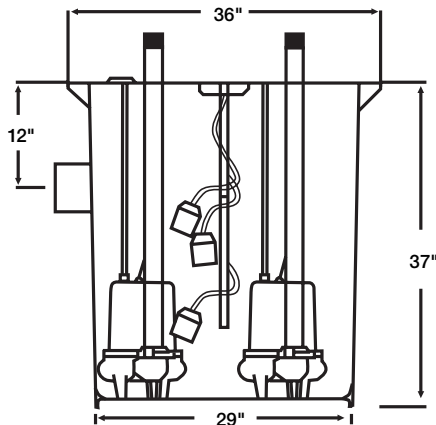
### COVER

The primary cover shall be "heavy-duty" 1/4" plate steel, enamel-coated on both sides. The cover shall be 34" in diameter and have \_\_\_\_\_ (2" or 3") discharges and vent flange. The cover shall be fitted with two 16" diameter pump access openings and one 10" inspection cover with integral stand pipe for float tethering. The cover assembly shall be provided with all necessary bolts and gaskets for mounting to basin.

### PUMPS

See individual LE-Series literature sheet for specifications on the pumps selected.

### Dimensional Data:



### 2" Discharge Models

MODEL NUMBER	HP	PUMP VOLTAGE	PHASE	WEIGHT IN LBS.
1102/LE41M	4/10	115	1	219
1102/LE51M	1/2	115	1	226
1102/LE52M	1/2	208-230	1	227
1102/LE71M	3/4	115	1	264
1102/LE72M	3/4	208-230	1	264
1102/LE73M	3/4	208-230	3	269
1102/LE74M	3/4	440-480	3	269
1102/LE102M	1	208-230	1	271
1102/LE103M	1	208-230	3	274
1102/LE104M	1	440-480	3	274
1102/LE105M	1	575-600	3	275
1102/LEH102M	1	208-230	1	271
1102/LEH103M	1	208-230	3	274
1102/LEH104M	1	440-480	3	274

**IMPORTANT: Control panel must be ordered separately.**

AE-Series panels must be matched to the amperage of the pumps selected. See AE-Series literature or consult factory for proper selection. **800-543-2550**

**For 3" discharge models, change the model prefix to 1103/... Example: 1103/LE51M (add 12 lbs. to wgt.)**

### Individual part numbers for basins & covers

Part #	Description
4571000	30" x 36" basin
4471000	Cover, 2" discharge & vent with blank inspection cover
4472000	Cover, 3" discharge & vent with blank inspection cover
4516000	10" inspection cover with float tree for 3-float control (floats not included)
4517000	10" inspection cover with float tree for 4-float control (floats not included)



Specifications are subject to change without notice.