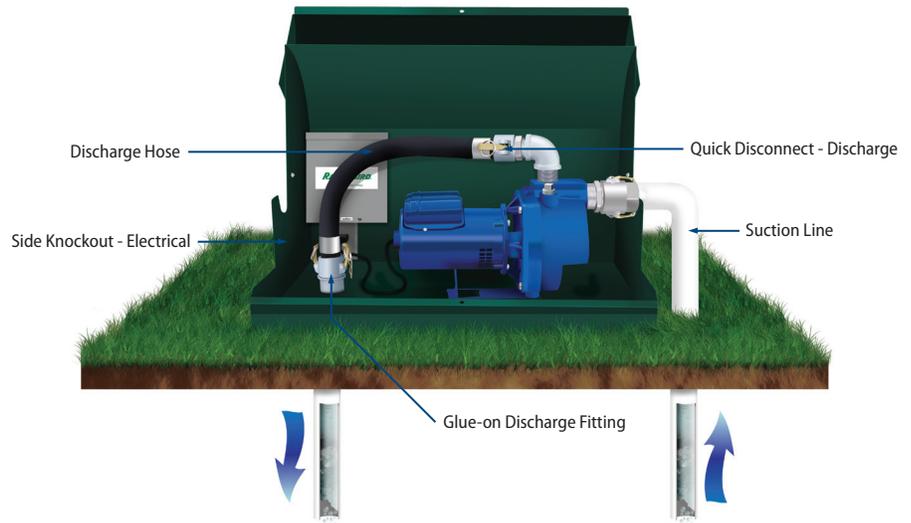


## LC Series - Light Commercial Pump Station

The LC Series by Rain Bird is a revolutionary complete pump package that includes a professional-grade pump, the highest quality pump protection and simple to install and operate fixtures all housed in a unique enclosure designed specifically for a pump. With this complete solution the days of retro fitting often non compatible parts together and housing them in a makeshift enclosure are over. Only Rain Bird is able to provide totally integrated irrigation solutions that dependably deliver healthy, beautiful landscapes while lowering utility costs, saving time and minimizing maintenance.



### Features

- Complete pump station
- Pump options available at 0.75hp, 1hp, 1.5hp, 2hp, and 3hp Up to 145 head feet
- Quick disconnecting of:
  - Discharge and Suction line
  - Power cord
- Powder coated steel enclosure
- Start Relay (PSRP) included
- Cooling louvres included
- Discharge options through:
  - Bottom of enclosure
  - Side of enclosure

### Pump Weights

|        |         |
|--------|---------|
| LC750  | 170 lbs |
| LC1000 | 175 lbs |
| LC1500 | 175 lbs |
| LC2000 | 185 lbs |
| LC3000 | 200 lbs |

### UL Listed Internal Components

- Power Relay
- Electrical Rating: 240V – 28 FLA
- Largest Motor: 240V – 3 hp
- Short Circuit Rating: 240V – 5kA
- Control voltage required: 24V
- 230 volt main power plug for safety and service ability and convenience
- PSRP for Shut-down protection. Provides protection if pump experiences loss of pressure or High temperature situations. The PSR-P is housed in a powder coated steel enclosure.
- Inrush/run: 950mA/360mA
- Cube Relay: 24VAC Coil, 60 Hz, 10A resistive

### Models

|                            |  |
|----------------------------|--|
| LC750 Rain Bird LC Series  | 3/4 hp, 1 ph, 1-1/2" discharge -2" suction   |
| LC1000 Rain Bird LC Series | 1 hp, 1 ph, 1-1/2" discharge -2" suction     |
| LC1500 Rain Bird LC Series | 1 1/2 hp, 1 ph, 1-1/2" discharge -2" suction |
| LC2000 Rain Bird LC Series | 2 hp, 1 ph, 1-1/2" discharge -2" suction     |
| LC3000 Rain Bird LC Series | 3 hp, 1 ph, 1-1/2" discharge -2" suction     |

### Enclosure

- Powder-coated steel

### Applications

- Water supply
- Water extracting
- Flood control

### Pump Dimensions

34" x 25" x 20" (W x H x D)

\* National electrical code (nec) states all motors will be thermally protected from excessive "amperage draw." Most motors under 2 hp are supplied with thermal protection from the motor manufacturer. For motors over 2 hp, codecompliant Rain Bird psrB pump protection is recommended.

NOTE: Circuit breakers are never classified as motor protection.  
NOTE: Check with your local health department for regulations and requirements for backflow prevention.

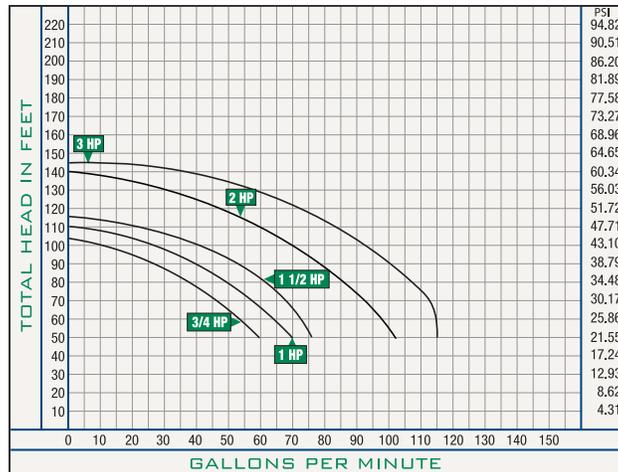
## Pump Performance

### LC series - 3/4HP - 3HP

| Model  | HP    | Capacity - U.S. Gallons per Minute<br>Discharge Pressure (PSI) at 5' Suction Lift |     |     |     |     |    |    |    |    |    |    | Shut Off Pressure PSI | Suction Pipe Tap | Discharge Pipe Tap | Max ▲ Suction Lift |        |
|--------|-------|---|-----|-----|-----|-----|----|----|----|----|----|----|-----------------------|------------------|--------------------|--------------------|--------|
|        |       | 20  | 25  | 30  | 35  | 40  | 45 | 50 | 55 | 60 | 65 | 70 |                       |                  |                    |                    |        |
| LC750  | 3/4   | 63  | 53  | 43  | 33  | 25  |    |    |    |    |    |    |                       | 45               | 2"                 | 1-1/2"             | 15 Ft. |
| LC1000 | 1     | 73  | 65  | 57  | 47  | 35  | 18 |    |    |    |    |    |                       | 47               | 2"                 | 1-1/2"             | 15 Ft. |
| LC1500 | 1-1/2 | 75  | 70  | 68  | 60  | 48  | 35 |    |    |    |    |    |                       | 49               | 2"                 | 1-1/2"             | 15 Ft. |
| LC2000 | 2     | 102   | 98  | 92  | 82  | 74  | 61 | 52 | 40 |    |    |    |                       | 60               | 2"                 | 1-1/2"             | 15 Ft. |
| LC3000 | 3     | 115   | 114 | 112 | 105 | 100 | 88 | 72 | 56 | 30 |    |    |                       | 61               | 2"                 | 1-1/2"             | 15 Ft. |

▲ Suction lift varies, depending upon elevation (altitude) and water temperatures.  
MAXIMUM CASE PRESSURE --- 150 PSI

## Pump Curves



## How To Order

| Model Number | Description                                      | Pump        | Discharge | Suction |
|--------------|--|-------------|-----------|---------|
| LC750        | Rain Bird LC Series - 3/4 hp, 230V, 1 ph, pump   | 3/4 hp pump | 1-1/2"    | 2"      |
| LC1000       | Rain Bird LC Series - 1 hp, 230V, 1 ph, pump     | 1 hp pump   | 1-1/2"    | 2"      |
| LC1500       | Rain Bird LC Series - 1 1/2 hp, 230V, 1 ph, pump | 1.5 hp pump | 1-1/2"    | 2"      |
| LC2000       | Rain Bird LC Series - 2 hp, 230V, 1 ph, pump     | 2 hp pump   | 1-1/2"    | 2"      |
| LC3000       | Rain Bird LC Series - 3 hp, 230V, 1 ph, pump     | 3 hp pump   | 1-1/2"    | 2"      |

## How To Specify

### LC 750

Model Horse Power  
Light Commercial 3/4 HP  
Pump

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*The Intelligent Use of Water™*  
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