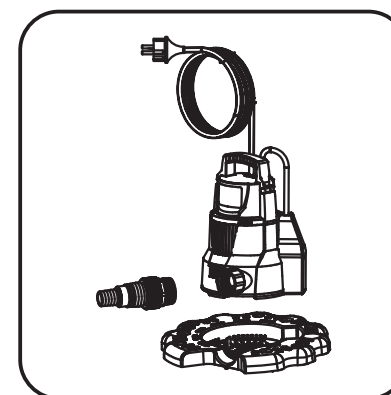




# Pool Cover Pump

## Original Instruction Manual



LSC-175PE(-1)

**LEO GROUP PUMP CO.,LTD**  
**LEO GROUP PUMP (ZHEJIANG) CO.,LTD**

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LEO reserves all the right of products modification without prior notification



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Always disconnect the appliance from the supply before assembling, disassembling or cleaning.  
Appliances can be used by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and if they understand the hazards involved.  
Children shall not play with the appliance.  
Pumps without indication that they are protected against the effect of freezing shall not be left outside during freezing weather conditions

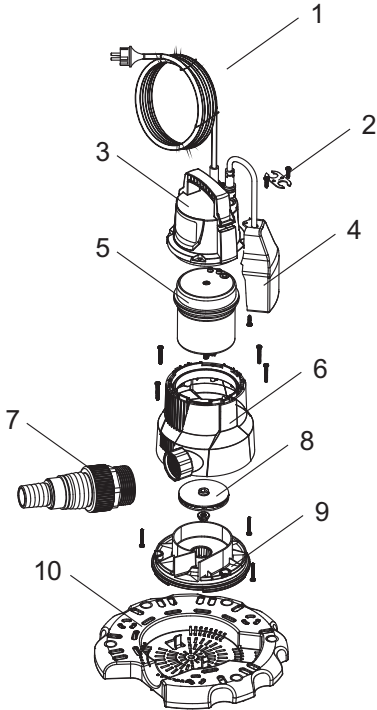
This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.Cleaning and user maintenance shall not be carried out by children unless they are aged from 8 years and above and supervised.

**Attention!**  
If the appliance or the supply cord is damaged, it must be repaired by manufacturer, its service agent or qualified person.



Meaning of crossed –out wheeled dustbin:  
Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.  
Contact you local government for information regarding the collection systems available.

PARTS DIAGRAM



PARTS LIST

| Part No. | Description      |
|----------|------------------|
| 1        | Plug             |
| 2        | Cable dead plate |
| 3        | Head cover       |
| 4        | Switch box       |
| 5        | Motor house      |
| 6        | Pump body        |
| 7        | Joint            |
| 8        | Impeller         |
| 9        | Pump base        |
| 10       | Strainer         |

## OPERATION INSTRUCTIONS

**▲ WARNING:** Risk of electric shock. Can shock, burn or kill. Do not handle pump or pump motor with wet hands or when standing on wet or damp surface, or in water. Disconnect power from pump before handling, servicing, or attempting to repair pump.

The motor is equipped with an automatically resetting thermal overload protector. If the motor gets too hot, the overload protector will stop the motor before it is damaged. When the motor has cooled sufficiently, the overload protector will reset itself and the motor will restart.

**NOTICE:** If the overload protector stops the pump repeatedly, disconnect the power from the pump and check it to find the problem. Low voltage, clogged impeller, too much back pressure in the discharge hose, or extended running of pump with no load, can all cause overheating.

## TROUBLESHOOTING

Note: Do not disassemble the motor housing. This motor has NO repairable internal parts and disassembling may cause an oil leak or dangerous electrical wiring issues.

| Problem                                       | Possible Cause                                                                                                                                                               | Corrective Action                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pump won't start or run                       | <ol style="list-style-type: none"> <li>1. Blown fuse</li> <li>2. Low line voltage</li> <li>3. Defective motor</li> <li>4. The water level is too low</li> </ol>              | <ol style="list-style-type: none"> <li>1. If blown, replace with fuse of proper size.</li> <li>2. If voltage under recommended minimum, check size of wiring from main switch on property. If OK, contact power company.</li> <li>3. Replace pump.</li> <li>4. Allow the water level to rise to 5cm. or more.</li> </ol> |
| Pump operates but delivers little or no water | <ol style="list-style-type: none"> <li>1. Low line voltage</li> <li>2. Something caught in impeller</li> <li>3. Small diameter garden hose or long discharge line</li> </ol> | <ol style="list-style-type: none"> <li>1. Call power company.</li> <li>2. Clean out impeller.</li> <li>3. Use larger diameter garden hose or 1" flexible pipe. Eliminate any excess hose. Short hoses work best.</li> </ol>                                                                                              |

**▲ WARNING:** Read carefully and understand all ASSEMBLY AND OPERATION INSTRUCTIONS before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury

## TECHNICAL SPECIFICATIONS

Model: LSC-175PE(-1)

| Property         | Specifications |
|------------------|----------------|
| Voltage          | 220-240V/50Hz  |
| Power            | 250W           |
| Current          | 3 A            |
| Max. Head        | 5m             |
| Max. Flow        | 8m³/h          |
| Outlet           | G1.25          |
| Power Cable Type | 10m            |

For best performance, the maximum recommended hose length is 15m. The pumping capacity or water flow rate of any pump depends on several factors. The larger the inside diameter and the shorter the length of hose, the less pressure that is lost (or the larger the flow rate). If the hose runs uphill or is extra-long, use a larger diameter hose or rigid pipe.

## ⚠ SAFETY INFORMATION

### ⚠ WARNING

- Risk of sudden starts: Can cause electrical shock and personal injury. The pump motor is equipped with an automatically resetting thermal protector and may restart unexpectedly.
- DO NOT plug in the pump while standing in water or on a wet or damp surface.
- DO NOT use in water where fish are present (oil in motor can kill fish).
- DO NOT pick up the pump by the power cord.
- Protect the electrical cord from sharp objects, hot surfaces, oil, and chemicals. Avoid kinking the cord.
- Unplug the pump before servicing it or attempting to clean it.
- Secure the discharge hose before starting the pump. An unsecured discharge hose may whip, which can cause personal injury and property damage.
- Keep the pump, base, and inlet screen free of debris and foreign objects.
- Never enter pool water or swim if pump is present in the water for risk of shock or personal injury.

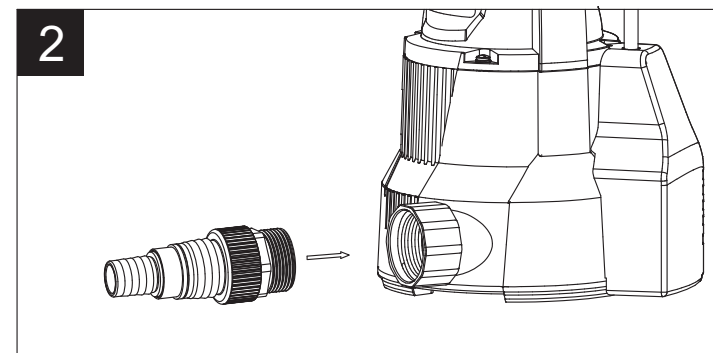
## PREPARATION

- ⚠ WARNING: Always use handle to lift pump. Never use power cord to lift pump. To avoid skin burns, unplug and allow time for the pump to cool after periods of extended use.

Estimated Assembly Time (New installation): 5 minutes

## INSTALLATION INSTRUCTIONS

1. Pump should always stand upright on base when operating. Do not suspend pump by means of discharge hose or power cord. Keep pump inlet screen clear.
2. To install a garden hose, first install check valve adaptor provided with pump



WARNING: Risk of sudden starts. Can cause electrical shock and personal injury. The pump motor is equipped with automatic resetting thermal protector and may restart unexpectedly. Protector tripping is indication of motor overloading as a result of operating pump at high pressure, excessively high or low voltage, inadequate wiring incorrect motor connections, or a defective motor or pump.

### Automatic Operation

- The pump will only turn on if there is approximately 5cm. of water around the pump. Water must make contact with the sensor probes of the pump in order for it to turn on.
- When the pump removes water down to approximately 1cm, the pump will run for an additional 10 seconds and then turn off.

Note: If the pump does not turn off, remove the pump and check to make sure that water or other debris is not still contacting the sensor probes.

- The pump can remain plugged in and will automatically turn back on when water reaches approximately 5cm. again.