

Submersible Pump

TSURUMI SUBMERSIBLE PORTABLE PUMP

MODEL LB2 - 250/400

LBT2-250/400

OPERATING & MAINTENANCE INSTRUCTIONS

PRIOR TO OPERATION

1. UNPACKING AND INSPECTION

- Always lift the pump by the handle-not the cable. If the pump must be suspended in a well or pit, a rope or chain should be attached to the pump handle.
- Check the nameplate information to ensure that the equipment received is that which was ordered.
- Carefully inspect and operate the pump to be sure that shipping damage has not occurred.

2. INSPECTION OF PUMP

- Check to determine that receptacle is adequate to handle voltage/current rating of the motor-pump.
- Ensure that cable/extension cord is free from damage and that grounding wire/circuit is operational.

CAUTION : Do not operate this pump unless it is connected to a properly wired grounding circuit since serious personal injury may result from electrical shock.
Disconnect the cable from the power source, before servicing this pump.
Do not use this pump in the water where person (s) is (are).

INSTALLATION & OPERATION

- Be certain that the pump is mounted on a solid, flat base or suspended by a rope or chain attached to the pump handle.

CAUTION : Do not use the electrical cable or discharge hose to suspend the pump.
Always attach suspension rope to the pump handle.

- Use the shortest possible length of discharge hose to assure you minimize friction losses and maximize your pump flow.
- Make certain that the cable and/or receptacle from which it draws power is protected and away from water or pump discharge hose to prevent accidental shock or electrical short circuiting.

- The pump model has a built-in overload protector which senses over-current, over-heating, or over-load conditions.
The operation of this protector is such that should be any of these conditions exist, the power supply will be interrupted until motor cooling has taken place. After cool-down has occurred, the pump will automatically re-start and continue to be protected in this way as long as the condition exists. But we request you to check and remove the cause.
- When cable extension is necessary, extended cable size must be adequate to avoid low voltage conditions in the cable, which may cause motor burn out. Select the proper core size and minimize length of the extension cable not to cause a large voltage drop . If you are not sure , it is recommended to consult with the Tsurumi representative office or Tsurumi suppliers nearest you. When extending the cable, be careful not to submerge the connection part into the water to avoid the possibility of electrical shock.
- Connection to Power Source

LB2 - 250/400 : Plug in or connect to single phase power source.

WARNING! SAFETY INFORMATION

To reduce risk of electric shock, connect only to a properly grounded, grounding-tube receptacle.
Risk of electric shock—This pump has not been investigated for use in swimming pool areas.
This pump may automatically restart. Prior to working on the pump or control panel all supply circuits must be disconnected.
Risk of shock—Do not remove cord and strain relief.
If the pump is used to drain a swimming pool, the pump must be connected to a Ground Fault Interrupter (GFI)
The pump must not be used when people are in the water.
Leakage of pump lubricants may cause pollution of water.
Do not use in the vicinity of explosive or flammable materials.
If connected to a circuit protected by a fuse, use a time delay fuse with this pump.
If used in a deep well installation the power cable should be secured every twenty feet.