

SereneLife



SLBSMPMP50
SLBSMPMP50.9
400W



SLBSMPMP100
750W

SLBSMPMP50 - SLBSMPMP50.9 - SLBSMPMP100

Submersible Clean/Dirty Water Pump

Powerful Sump Pump, 1980 GPH,
Auto Float Switch with 16 ft. Power Cord Length

USER MANUAL



APPLICATION

This pump is used primarily as cellar pump. When installed in a shaft, the pump provides protection from flooding. It is also used wherever water has to be moved from one place to another, e.g. in the home, agriculture, horticulture, plumbing and many other applications. **Not suitable for professional use.**

SAFETY FIRST!

- Read this manual and general safety instructions carefully before using the appliance, for your own safety. Your power tool should only be passed on together with these Instructions.
- To reduce risk of electrical shock, always disconnect the pump from the power source before handling or servicing.
- **DO NOT** pump hazardous materials (flammable, caustic, etc.) unless the pump is specifically designed and designated to handle them.
- **DO NOT** block or restrict discharge hose, as discharge hose may whip under pressure.
- **DO NOT** wear loose clothing that may become entangled in the impeller or other moving parts.
- Keep clear of suction and discharge openings. **DO NOT** insert fingers in pump with power connected.
- Always wear eye protection when working on pumps.
- **DO NOT** exceed manufacturers recommendation for maximum performance, as this could cause the motor to overheat.
- **DO NOT** remove cord and strain relief. Do not connect conduit to pump.
- **WARNING!** Cable should be protected at all times to avoid punctures, cut, bruises and abrasions - inspect frequently. Never handle connected power cords with wet hands.
- **WARNING!** To reduce risk of electrical shock, all wiring and junction connections should be made per the NEC or CEC and applicable state or province and local codes. Requirements may vary depending on usage and location.
- **WARNING!** Submersible Pumps are not approved for use in swimming pools, recreational water installations, decorative fountains or any installation where human contact with the pumped fluid is common.

⚠ **IMPORTANT!**

We are not responsible for losses, injury, or death resulting from a failure to observe these safety precautions, misuse or abuse of pumps or equipment.

i When parts are missing or damaged, please contact your dealer.

GENERAL POWER TOOL SAFETY WARNINGS

Read all safety warnings and all instructions. Failure to follow all warnings and instructions may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference. The term "**power tool**" in the warnings refers to your mains operated (corded) power tool. Only qualified personnel should install, operate and repair pump. Any wiring of pumps should be performed by a qualified electrician.

BEFORE START-UP, NOTE THE FOLLOWING!

- The pump can be connected to any shock-proof plug which has been installed according to regulations. The plug must have a supply voltage of 220 V - 50Hz. Fuse min. 6 Amp.

CAUTION!

When the pump is to be used near swimming pools or garden ponds and in their area of protection, it must be equipped with a PRCD (residual current circuit breaker) with a nominal trip current of max. 30 mA (according to VDE 0100, part 702 and 738). The pump must not be operated while people are in the swimming pool or in the garden pond! Please contact your electrician!

ATTENTION!

Before starting to run your new submersible pump, please have the following items checked by an expert:

- Ground connection
- Zero conductor
- Fault current breaker switch must correspond the safety regulations of the power plants and they must work faultlessly.
- The electrical connections must be protected from moisture.
- If there is danger of flooding, the electrical connections must be taken to higher ground.
- Circulation of aggressive fluids, as well as the circulation of abrasive materials must be avoided at all costs.
- The submersible motor-driven pump must be protected from frost.
- The pump must be protected from running dry.
- Access on the part of children should also be prevented with appropriate measures.

CONSISTENCY

Your submersible pump is designed for the circulation of water with a maximum temperature of 35°C or 95°F. This pump may not be used for other fluids, especially motor fuels, cleaning fluids, and other chemical products!

PARTS DESCRIPTION

1. Motor housing
2. Water inlet
3. Water outlet
4. Cable & plug
5. Floating switch
6. Carrying handle



SLBSMPMP50 and SLBSMPMP50.9



SLBSMPMP100

INSTALLATION

The submersible pump is installed as follows:

- In a stationary position with fixed pipeline.
- In a stationary position with a flexible hose pipe.

Please note!

You should never install the pump by suspending it unsupported from its delivery pipe or power cable. The submersible pump must be suspended from the specially provided handle or be placed on the bottom of the shaft. To guarantee that the pump works properly, the bottom of the shaft must be kept free of sludge and dirt of all kinds. If the level of water sinks too far, any sludge in the shaft will dry out quickly and stop the pump from starting up. Therefore it is necessary to check the submersible motor pump regularly (by carrying out start-up tests). The floater is adjusted in a way that the pump can immediately be started.

Note!

The pump shaft should have minimum dimensions of 40 x 40 x 50 cm, so that the floating switch can move freely.

MAINS SUPPLY

Your new submersible pump is equipped with a shock-proof plug according to regulations. The pump is designed to be connected to a 220V - 50Hz earthed socket. Make sure that the socket is sufficiently secured (min.6 Amp.) and is in excellent condition. Introduce the plug into the socket and the pump is ready to go.

Important Note!

If the mains cable or plug suffers any damage from external action, repairs to the cable should be serviced by a qualified specialist using only standard spare parts. This will ensure that it meets the required safety standards.

SETTING TO WORK

After having read these instructions carefully, you can set your pump to work, reconsidering the following item:

- Check if the pump rests on the ground of the shaft.
- Check if pressure cord has been attached properly.
- Check if electrical connection is 110V 60Hz
- Check if the socket is in good condition.
- Make sure that water and humidity can never come to the mains supply.
- Avoid pump running dry.

VENTING THE PUMP BEFORE USE

Always ensure that the pump is vented properly before commissioning the pump. Possibly tilting back and forth several times until no more air bubbles appear, wait at least 15 seconds before the pump to start.

SETTING THE ON/OFF OPERATING POINT

The ON and OFF operating point of the float switch can be set by adjusting the float switch in its latching holder. Before you put the pump into operation, please check the following:

- The float switch must be installed so that the level of the ON operating point and the level of the OFF operating point can be reached easily and with little force. To check this, place the pump in a vessel filled with water, raise the float switch carefully by hand and then lower it again. As you do so, note whether the pump switches on and off.
- Make sure that the distance between the float switch head and the latching holder is not too small. Proper operation is not guaranteed if the gap is too small.
- When you set the float switch, make sure that it does not touch the base before the pump switches off. **Caution! Risk of dry-running.**

This appliance cannot be used by children or people who are physically, mentally or developmentally impaired, or people who lack experience or knowledge, except in case these people receive instruction from a person responsible for their safety, a supervisor, or by studying the preceding instructions concerning use of this appliance.

CLEANING AND MAINTENANCE



Attention! Before performing any work on the equipment, pull the power plug.



Never use solvents such as petrol, alcohol, ammonia water, etc. These solvents may damage the plastic parts.

MAINTENANCE GUIDELINES

This submersible pump is an approved, maintenance-free high quality product, which is subject to severe final controls. We recommend regular inspection and maintenance to ensure long equipment life and uninterrupted operation.

Remove the mains plug before all maintenance work.

- When the pump is often transported in the course of operation, it should be cleaned out with clear water after every use.
- In case of stationary installation, the function of the bating switch should be checked every 3 months.
- All fibrous particles which may have built-up inside the pump housing should be removed with a water jet.
- Every 3 months the shaft ground and as should be cleaned from mud.
- Remove deposits on the floater with clear water.

CLEANING THE IMPELLER

If excessive deposits collect in the pump case you must dismantle the bottom part of the pump as follows:

1. Remove the intake cage from the pump case.
2. Clean the impeller with clear water.

Important! Do not put down or rest the pump on the impeller!

3. Re-assemble in reverse order.

SERVICE DEPARTMENT

- Damaged switches must be replaced by our after-sales service department.
- If the connecting cable (or mains plug) is damaged, it must be replaced by a particular connecting cable which is available from our service department. Replacement of the connecting cable must only be carried out by our service department (see last page) or by a qualified person (qualified electrician).

STORAGE

- Thoroughly clean the whole machine and its accessories.
- Store it out of the reach of children, in a stable and secure position, in a cool and dry place, avoid too high and too low temperatures.
- Protect it from exposure to direct sunlight. Keep it in the dark, if possible.
- Don't keep it in plastic bags to avoid humidity build-up.

ENVIRONMENT



Should your appliance need replacement after extended use, do not discard it with the household rubbish but dispose of it in an environmentally safe way. Waste produced by electrical machine items should not be handled like normal household rubbish. Please recycle where recycle facilities exist. Check with your Local Authority or retailer for recycling advice.

TROUBLESHOOTING

Incidents	Causes	Remedies
Pump does not start	• NO mains supply • Floater does not switch	• Check main supply • Bring floater in a higher position
NO flow	• Inlet sieve is clogged • Pressure hose in bent	• Clean inlet sieve water jet • Reset hose
Pump does not switch off	• Floater cannot sink down	• Place pump properly on shaft ground
Insufficient flow	• Inlet sieve is clogged • Reduced pumping capacity by dirty and aberasive water	• Clean inlet sieve • Clean pump and replace worn-out parts
Pump switches off after short operation period	• Thermal cutout stops pumps due to dirty water • water too hot, thermal-cutout stops pumping	• Remove mains plug, clean pump and shaft • Make sure that a water temperature of max. 35°C (95°F) is not exceed

MODEL	SLBSMPMP50.9	SLBSMPMP50	SLBSMPMP100
Power Supply	400W (0.5HP)	400W (0.5HP)	750W (1HP)
Qmax	1,980 gallon/ H (7,500L/H)	1,980 gallon/ H (7,500L/H)	3,302 gallon/ H (12,500L/H)
H.Max	16.40ft. (5 Meters)	16.40ft. (5 Meters)	26.25ft. (8 Meters)
Product Dimension (L x W x H)	6.2" X 6.1" 12.4" -inches	6.2" X 6.1" 12.4" -inches	6.2" x 6.1" x 13.4" -inches

FEATURES:

- Compatible with Flat PVC Hose in 0.98" and 1.26" inches
- Screw Thread in NPT1-1/4" and NPT5/8"
- Auto Float Switch: Start/Stop Automatically
- Rugged and High-Quality Materials
- Designed and Manufactures with Valid Safety Requirements
- Lower Noise and Energy-Efficient
- Oil-Free Motor, Requires no Maintenance
- Thermoplastic Body Resists Corrosion
- Great to Drain the Dirty Water from the Pond, Garden Pond, or Water Tanks
- Perfect for Household & Utility Applications of Transferring Water from One place to Another

WHAT'S IN THE BOX:

- (1) Water Pump
- (3) Power Adapters

TECHNICAL SPECS:

- Construction Material: Engineered ABS and Metal
- Power Output: AC 110V 60Hz
- Power Cord Length: 16 feet
- Type: Water Pump (blue)
- Diameter of Pipe: Screw thread in NPT1-1/4" & NPT5/8". Flat PVC Hose in 0.98" and 1.26" inches
- Applications: Garden, Yard, Swimming pool, Pond, Flooded Area



SereneLife

Questions? Issues?

We are here to help!

Phone: (1) 718-535-1800

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