Operation Manual

Pool Pump
SPP150E, SPP200E, SPP250E

50919–50921

SUNSUN



Illustration similar, may vary depending on model

Read and follow the operating instructions and safety information before using for the first time.

Technical changes reserved!
Due to further developments, illustrations, functioning steps and technical data can differ insignificantly.

Updating the documentation
If you have suggestions for improvement or have found any irregularities, please contact us.

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Introduction

Thank you for purchasing this quality product. **To minimize the risk of injury we urge that our clients take some basic safety precautions when using this device. Please read the operation instructions carefully and make sure you have understood its content.**
Keep these operation instructions safe.

Features

1. Pump body, pump cover and impeller are made of high quality plastic
2. Big outlet, high lift, low noise
3. Good mechanical seal and durable.
4. With over load protection to ensure long lasting working
5. With simple suction and discharge pipes.

Application

These water pumps are designed for the circulation and filtration of the small swimming pools (family use), whirl pools and Sauna pools.

Caution

- For swimming pools and garden ponds and in its scope the use of the pump is only permitted with fault current circuit breaker (30 mA) according to DIN VDE 100 part 702 06.92 . Please address any questions to a qualified electrician.
- Keep a safe distance to the pool and fix the pump on a stable base plate. According to VDE standard is observed a safety distance of 2 m.
- The pump has a built-in motor protection switch. We do not take over any liability for losses through unsuitable use or faulty assembly. The power cable must be conform to EC standards (2) or the type H07 RN-F according to VDE 0620.

Checks before start-up

1. Make sure that the voltage and frequency of power supply and pump (see nameplate) are suitable.
2. Make sure that the pump shaft may rotate freely.
3. Fill the pump with water to make sure that the pump body, filter basket, pipes and other connectors are not leaking. Tighten or loose the screws with hands, or tolls if necessary.
4. Open any existing valves in pressure and suction lines and check that all hoses are connected.
5. Please fill the suction pipe and the pump body completely with water.
6. The pump is suitable for clean water with a temperature of max. 35 ℃.

Power supply

Use the pump only on a three-pole socket with 230 V/50 Hz.

Mounting

- To avoid long suction lines and the resulting power losses the pump should be installed at the level of the water table or below the water level.
- It is possible to assemble the pump to the ground. Please use the provided holes in the base plate to install the pump on a flat surface.
- The pumps shall be placed in a well ventilated, dry and flood-proof place.

Placing the hoses

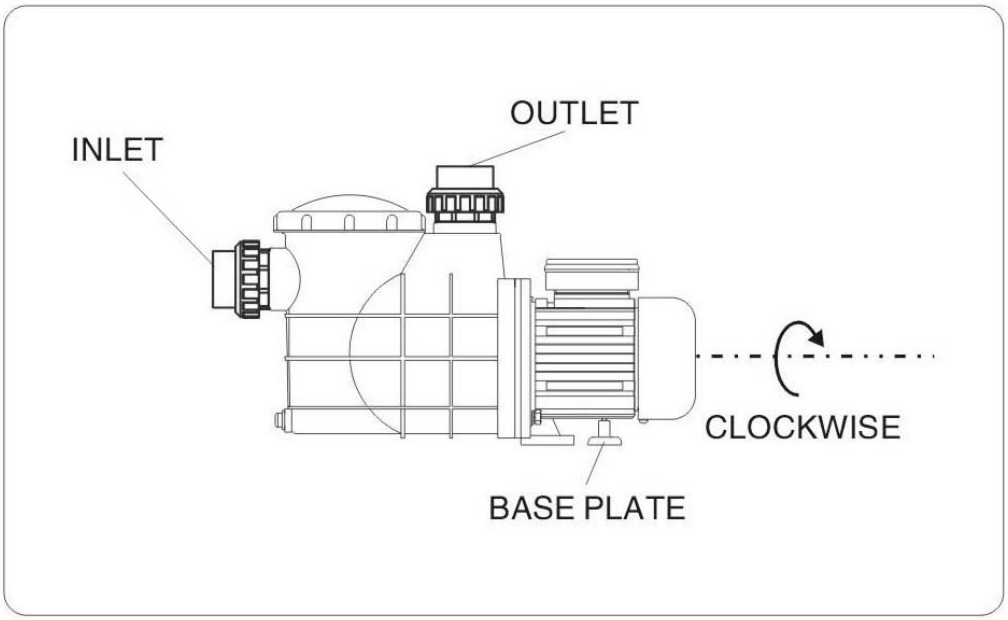
- The suction hose must be low pressure resistant. Please install it at least 30 cm below the water level. This is necessary to avoid vortex formation and through this caused air inlet in the system.
- The pipe connections must be 100 % airtight. Pipe bends and a wavy placing of the hoses have to be avoided if possible. The sucking line should have a minimum descent of 2 % on its complete length so that no air can remain in the system.
- The pressure hose should have a diameter at least as large as the diameter of the pressure joint.
- The hoses may not lay on the pump. Make sure that all connections are tight so that the pump does not come in contact with moisture. The pump could be damaged through water!

Start-up

- Fill the pump with water to make sure that the pump body, filter basket, pipes and other connectors are not leaking. Tighten or loose the screws with hands, or tolls if necessary.
- Open any existing valves in pressure and suction lines and check that all hoses are connected.
- Please fill the suction pipe and the pump body completely with water.
- Plug in the pump and check that the water pump circulates.
- If the pump is used above the water level of the pool, you have to use a foot valve at the suction hose to avoid that the water runs back in the pool when you do not use the pump.
- Switch of the pump, when the engine does not start or not water is promoted. In this case check if something is blocking the water flow.
- Do not run the pump without water in the pump body. This would damage the mechanical seal and in this case the pump would leaking.
- Please do not work on the pump while the pump is running!
- If you have any problems which are not mentioned in the manual or which you could not explain please contact an expert.

Maintenance

Our electric pumps require no special maintenance. Please clean regularly the dirt container. During the cold season, and at longer shut-down of the pump the pump body should be emptied. Please clean the pump thoroughly with clean tap water to remove all residues of chlorine and other pool stuff. If you do not clean the pump thoroughly this could damage the seal and causes leaks when you use the pump again.



Model	Item number	Voltage	Power (W)	Hmax (m)	Qmax (ℓ/h)
SPP150E	**50919**	230 V/50 Hz	750	16	19200
SPP200E	**50920**		1300	17	28200
SPP250E	**50921**		1500	18	33600

Disposal regulations

EU guidelines regarding the disposal of scrap electric appliances (WEEE, 2012/19/EU) were implemented in the law related to electrical and electronic equipment and appliances.

All WilTec electric devices that fall under the WEEE regulations are labelled with the crossed-out wheeled waste bin logo. This logo indicates that this electric equipment must not be disposed with the domestic waste.

The company WilTec Technik GmbH has been registrated in the German registry EAR under the WEEE-registration number DE45283704.

Disposal of used electrical and electronic appliances (intended for use in the countries of the European Union and other European countries with a separate collection system for these appliances).
The logo on the article or on its packaging points out that this article must not be treated as normal household waste but must be disposed to a recycling collection point for electronic and electrical waste equipment. By contributing to the correct disposal of this article you protect the environment and the health of your fellow men. Environment and health are threatened by inappropriate disposal.



Material recycling helps reduce the consumption of raw materials.

Additional information on recycling this article can be provided by your local community, municipal waste disposal facilities or the store where you purchased the article.

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