

XOperational technical manuals

■ Pre-installation safety precautions:

- •When the pump is running and used in the pool, it is strictly forbidden for personnel to enter the pool to avoid electric shock casualties when the motor fails and leaks.
- •If the pump is found to be abnormal and not running after starting, the pump should be stopped immediately and the power should be turned off, otherwise it may cause electric shock or cause fire.
- •Please do not press, process, or pull the cable, which will cause the cable to be damaged and lead to a short circuit in the power supply, which may cause electric shock or cause fire.
- •Do not run the pump without water on the ground, which will cause the motor to burn.
- •In addition to professional maintenance personnel, it is strictly forbidden to repair, modify and disassemble by yourself, so as not to cause abnormal operation of the pump.
- •The applicable temperature of the liquid pumped by the pump is 0~40 °C, if it exceeds this range, it will cause pump damage.
- •This product should not be used in the extraction of drinking water or edible liquids to avoid contamination caused by oil leakage in the oil chamber.
- •Before the pump is used, it should be confirmed whether the pump form, voltage, phase number, frequency, and caliber head are correct Using a pump that is not up to specification can also cause the pump to fail or be damaged.
- •If the pump wants to pump special liquids, such as: seawater, solvents, acid and alkali fluids, etc., please consider the applicability of the pump first, and choose the correct pump type to to avoid improper damage to the pump.
- •It is strictly forbidden to pull the cable when moving the pump, which will cause the cable to be damaged and lead to a short circuit in the power supply, which may cause electric shock casualties or cause fire.
- •Please make sure that the voltage and phase number you are using are consistent with the specifications stated on the nameplate.
- •The pump must be used with the rated voltage, and the allowable value of voltage fluctuation must be within 10%, otherwise it is easy to cause motor burning.
- •To clean up the excessive debris in the sink, be sure to control the impeller and filter screen within within the particle size of foreign matter, so as to avoid impeller blockage and reduce the amount of water.
- •When adjusting the level control, the stop water level of the float switch must be higher than the minimum continuous running water level of the pump, otherwise the motor will burn.
- •The position of the float switch should be avoided at the water inlet to avoid abnormal operation of the float caused by the impact of the water flow.
- •After the pump is installed, the overly long cable and the streak should be properly fixed to avoid the pump being sucked in by the impeller during pump operation, causing pump damage.

The company attaches great importance to the quality and safety of products, but this manual cannot fully cover all safety matters, so users or maintenance personnel should also pay attention to their own safety.



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☞Troubleshooting:

Power supply issues Power supply issues Check the voltage and use the correct voltage Damaged wires, poor contact The impeller is entangled or blocked by Remove foreign bodies The motor protector trips Motor burnout Water ingress to the motor after shaft seal wear The float switch is faulty Coverhaul or replacement Control panel failure Power supply issues Send for repair Send for repair Send or repair Send or repair Send or repair Send or repair Fine impeller is entangled or blocked by Remove foreign bodies Overhaul or replacement Control panel failure Power supply to use the correct voltage The impeller is entangled or blocked by Remove foreign bodies Voltage abnormality The motor is reversed Impeller wear The motor is reversed Impeller wear There is a foreign object inside the pump or Remove foreign bodies Impeller wear The head is too high The water level is too low to suck in air Adjust the correct steering Adjust the level switch height Eaking or blocked pipes, valves The head is too high The water level is too low to suck in air Adjust the level switch height After drying, rewire with waterproof tape Water ingress to the motor after shaft seal wear Voltage abnormality The cable connection is wet Water ingress to the motor after shaft seal wear Voltage abnormality Check the power supply to use the correct voltage After drying, rewire with waterproof tape Send for repair Check the power supply to use the correct voltage Adjust the correct steering The motor is reversed Adjust the correct steering Add water to dilute the extract The impeller is entangled or blocked by Goreino objects Overhaul and replace	Operational status	Cause	Deal with countermeasures
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% It is strictly forbidden to disassemble and repair by yourself, and it needs to be inspected and repaired by professional maintenance personnel or the company \circ

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