



EPP-SERIES

Portable Submersible Pump

Instruction Manual



ASIA AUTOMATIC PUMP CO.,LTD

<http://www.evergushpump.com.tw/en>

▲ Operation & Notices:

1. Before Operation :

- a. Confirm if power supply, voltage, Hz comply with those indicated on the nameplate.
- b. Make sure that outlet, gasket, and outlet lid are securely tightened up; hose is properly connected and clipped on.
- c. Submerge entirely and place firmly the pump in the water. Pull the outlet to where it has the appropriate drainage. Keep the power connector dry, avoid tangled or pressed by object.
- d. Confirm that the pump is grounded and leak breaker is provided.
- e. Never start up the pump with anyone stay in the water while connecting pipelines in swimming pool, bathing pool or any similar place.

2. In operation

- a. After start up, check if discharge flow comes out from the hose outlet
- b. If motor runs normally but water outflow diminishes suddenly or the drain stops, please check the water level is too low, hose runs too long or base strainer blocked.
Troubleshoot or restart the pump.
- c. the motor would be cut off when it is overloaded and attempt to restart after a few minutes.
- d. if the water level is too low for the pump disconnect the power to avoid damage to the pump.

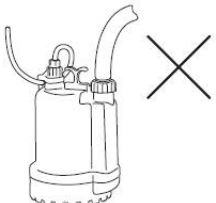
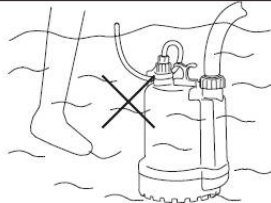
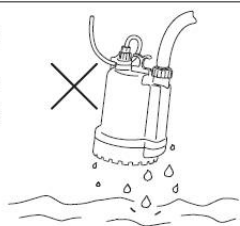

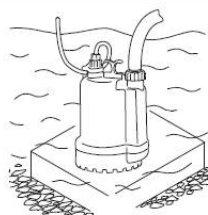
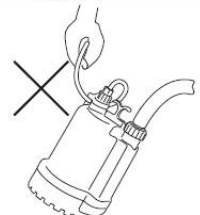
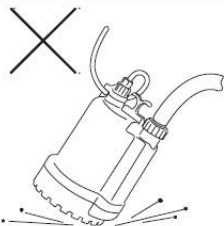
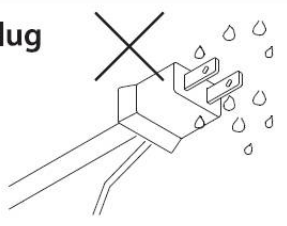
3. After operation

- a. clean the pump, leave it dry before storage.
4. the pump must be supplied through a residual current device (RCD) having a rated residual operating current not exceeding 30 mA.
5. a protective device (e.g. circuit breaker) is to be installed in the fixed wiring and its characteristics are to be specified according to the pump rating.
6. please unplug the pump before any maintenance, clean or repair/trouble shooting to be done.

▲ Trouble shooting

| Failure | Cause | Remedy |
|----------------------------------------------------------|-------------------------------------|--------------------------------------------------------|
| Pump does not turn on. | 1.Circuit breaker is not connected. | Connect it. |
| | 2.Pump not plug in. | Plug in pump. |
| | 3.Broken cable. | Replace it. |
| | 4.No power supply. | Turn on the power souce. |
| | 5.Defective motor. | Repair or replace it. |
| | 6.Impeller colgged. | Clean it and make sure it turns freely after cleaning. |
| Pump stop suddenly or slow down. | 1.Impeller is clogged. | Clean it. |
| | 2.Circuit breaker trip. | Reconnect circuit breaker. |
| | 3.Motor failure. | Repair or replace it. |
| Pump runs normally, but does not deliver rated capacity. | 1.Water level too low. | Stop the pump and unplug. |
| | 2.Impeller clogged. | Clean or replace it. |
| | 3.Discharge pipe runs too long. | Correct it in reference to rating table. |
| | 4.Strainer blocked. | Clean it. |

▲ Attention

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| <p>1.PW-A series is designed for pumping water instead of oil, sea water, hot water (Liquid temperature range: 4°C ~40°C (Without Icing up))</p>  | <p>2.Never start up the pump with anyone in the water.</p>  |
| <p>3.Make sure that the pump is always placed in the water, pumping without water is strictly prohibited.</p>  | <p>4. Make sure that the pump is grounded.</p>  |
| <p>5.Place cushion beneath the pump to avoid sucking in dirt when used in lake or river.</p>  | <p>6. Never carry or move the pump by its cable. Use the handle to lift or move the pump.</p>  |
| <p>7.Avoid falling the pump to the ground as it might broken the shell.</p>  | <p>8. Always keep the power plug dry.</p>  |