



1.3HP GARDEN PUMP WITH TANK

ITEM: 71040



OWNER'S MANUAL AND SAFETY INSTRUCTIONS

SAVE THIS MANUAL: KEEP THIS MANUAL FOR SAFETY WARNINGS, PRECAUTIONS, ASSEMBLY, OPERATING, INSPECTION, MAINTENANCE AND CLEANING PROCEDURES. WRITE THE PRODUCT'S SERIAL NUMBER ON THE BACK OF THE MANUAL NEAR THE ASSEMBLY DIAGRAM (OR MONTH AND YEAR OF PURCHASE IF PRODUCT HAS NO NUMBER)

FOR QUESTIONS PLEASE CALL OUR CUSTOMER SUPPORT: 909.628.0880 MON-FRI 9AM TO 3PM PST



GENERAL SAFETY WARNINGS

Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference.

The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator. Read carefully and understand all **ASSEMBLY AND OPERATION INSTRUCTIONS** before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.

- The semi-stationary and static form of the equipment is designed to be transferred to the house and garden: Spray water and make watering.
- The equipment shall be used within its performance range. Please don't use the equipment which has abnormal switch.
- The equipment is prohibited to be used for providing water or conveying food.
- Please don't use the equipment in the room which contains the inflammable and combustible liquid or gas.
- When the components which fail to be tested and recognized by manufacturers are improperly used, the equipment is likely to suffer from the unforeseen damage.
- Any application which deviates from the intended purpose as specified in the instructions will be considered as the unauthorized application, as a result, the generated problems are independent of the manufacturers.
- The equipment shall be connected to the socket which has correct installation and grounding.
- The fuse wire shall serve as the current circuit breaker when the residual current exceeds 30mA.
- Please ensure that the power supply can satisfy the connection regulations before the equipment connection.
- Check the plug and power cable before application. When the power cable has been damaged, please disconnect the plug immediately. Please don't use the equipment which has damaged
- When the equipment is idle, please ensure that the plug has been pulled out. Meanwhile, the equipment has been closed, then, unplug the power supply.
- As for the fixed application, please apply four screws to tighten the equipment on the foundation support firmly.
- When the equipment is used for the pound and swimming pool in the garden, the equipment shall be subject to the special setup to avoid the overflow and falling.
- The equipment shall be installed in the well-ventilated places to avoid the weather effect. In case of indoor operation, please ensure that the floor is equipped with drainage ditch or leakage-proof mechanism.
- Please check the suction hose and guarantee its airtightness before startup. When the air foam is absorbed in the hose, the equipment is likely to be out of order because the leakage exists possibly.

IMPORTANT SAFETY INFORMATION

- All interfaces which are connected to the suction pipeline shall be sealed by hemp and thick slurry or sealing tape. The leakage will reduce the air exhaust.
- The interface of metal pipe thread shall be sealed by sealing tape.
- All components of suction pipeline shall be installed by professionals.
- The inner diameter of suction pipe shall be 25mm at least; The suction pipe shall be kinking resistant and suitable for the vacuum environment.
- Considering that the increasing pipe length will reduce the transmission capacity, the suction pipeline shall be as short as possible.
- The suction pipeline shall uplift the pump steadily to avoid any bubble.
- Please ensure that the suction pipeline has enough water supply; The terminal of suction hose shall be submerged in water all the time.
- All components of pressure pipeline shall be compressive.
- The equipment can be firmly connected to the pipeline system (such as, internal water supply in families). In such case, the equipment shall apply the highly flexible hose to connect to the pipeline system to avoid the vibration.
- **RISK OF INJURY:** When the components are unable to withstand the compression or the installation is incorrect, Danger! the pressure pipeline is likely to burst during the operation. Risk of liquid ejection!
- Attention: The equipment is only used for industrial water supply, such as, toilet and washing machine shall not be used for the drinking water supply.

The equipment shall be operated only in the following conditions:

1. The equipment is only connected to the socket which has protective contacts, moreover, which shall be installed, grounded and checked by professional electricians.
2. The power voltage and fuse protection shall satisfy the technical data.
3. The equipment shall be equipped with the protective device for less than 30mA residual current when the equipment is operated in the swimming pool, garden and similar places.
4. In case of outdoor operation, the electrical connection shall be splash-proof; The equipment shall not be operated in water.
5. The extension wire shall have enough conductor cross section; The cable drum shall be unfolded completely.

- **RISK OF EQUIPMENT DAMAGE:** The pump shall be filled with water when the new equipment is connected. It is unnecessary to make The dry running of equipment is likely to damage the equipment during the unmanned supervision.



SAVE THESE WARNINGS

FILLING AND SUCTION: Please fill in the pressure again when the pump is only started after draining the water as time goes on.

1. Disconnect the power plug.
2. Open the pressure pipe to drain water completely.
3. Unscrew the plastic valve in the front of pump head; The air control valve is located in the rear of plastic valve.
4. Connect the compressor hose to the air control valve.
5. The filling pressure will reach up to the parameters data.
6. Connect to the devices again, check its function and increase the precharge pressure.

MAINTENANCE

1. Please disconnect the power supply before any operation of maintenance.
2. The equipment will only fulfill the maintenance and trouble removal tasks as specified in the instructions. Other faults shall be removed by experts.
3. Please apply the original components. Only these replaceable components are specifically designed and produced for the equipment. When other components are replaced, the warranty will be invalid and you and your environment are likely to be endangered.

TROUBLESHOOTING

Error shooting	Reasons	Response measures
The pump fails to make operation. Or, the pump stops suddenly during operation.	<ol style="list-style-type: none"> 1. Power supply interruption/access failure of external power supply. 2. The power line or plug is defective. 3. The mechanical seal is sucked. 4. Due to the pressure in the pipeline, the pressure switch shall shut off the circuit. 5. The installation height of faucet has exceeded the pressure value of pressure switch. 6. Other faults. 	<ol style="list-style-type: none"> 1. Check the fuse device and electrical connection and switch on the external power supply. 2. Ask the professional electricians to make inspection. 3. Considering that the mechanical seal will suffer from resistance when it is idle for long period, please switch off the pump and pull out the power plug. Please cool the pump and apply the slot-type screwdriver to rotate the tail of shaft. When the shaft becomes flexible, please power on to start the pump. 4. Please open the faucet, at this moment, the pressure switch will power on automatically after depressurization. 5. When necessary, please adjust the pressure setup value of pressure switch. 6. Please ask the maintenance department to make inspection.

TROUBLESHOOTING

Error shooting	Reasons	Response measures
<p>Insufficient flow rate/flow rate absence (or self-absorption failure)</p>	<p>1.The dirty water or grainy wastewater will reduce the suction capacity of pump. 2.Hose/pipeline/filter screen plugging . 3.The hose/pipeline system is damaged. 4.The water inlet is excessively soft, as a result, the water inlet fails to draw water due to the suction flattening during the pump operation. 5.Due to the air in the pump head, the pump fails to be completely filled with water. 6.Please immerse the water inlet in water for 10cm at least. 7.The joint of suction pipeline is untightened.</p>	<p>1.Please clean up the filter screen and replace the damaged spare parts (such as, the worn impeller and so on). 2.Dredge the pipeline/-clean up the filter screen. 3.Replace the pipeline . 4.Please replace the threaded reinforcing anti-vacuum hose or pressure-proof hard tube. 5.Please fill the pump head up with water. 6.Please check whether the water source is enough, then, immerse the water inlet in water for more than 10cm. 7.Please replace the joint sealing element and completely seal the joint.</p>

TROUBLESHOOTING

Error shooting	Reasons	Response measures
<p>The pump is started frequently.</p>	<ol style="list-style-type: none"> 1. Pipeline or joint leakage. 2. The suction culvert fails to be installed with check valve. 3. The air pressure value in the pressure tank is excessively low. 4. The inner container of pressure tank is sucked. 	<ol style="list-style-type: none"> 1. Please check the pipeline and joint and make the correct installation again to avoid the leakage. 2. Please install the check valve on the water inlet. 3. Please refer to the recommended air pressure tank as specified in the tail of pressure tank and make air inflation according to the labeling value. 4. The inner container will be sucked when the internal pressure in the pressure tank is extruded for long period as long as the pump is idle for a long time, at this moment, please draw water and close the water valve slowly, as a result, the sucked part will be opened after multiple operations, followed by normal operation.

OF NOTE

PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

Record Product's Serial Number Here: _____

Note: If product has no serial number, record month and year of purchase instead.

Note: Some parts are listed and shown for illustration purposes only and are not available individually as replacement parts.



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Questions, problems, missing parts?

Before returning to your retailer, our exceptional customer service is here to help.

Call Us: 909.628.0880

Email Us: customer@xtremepowerusa.com

Hours of Operation: 9am - 4pm (Monday - Friday)

PRODUCT MADE IN CHINA