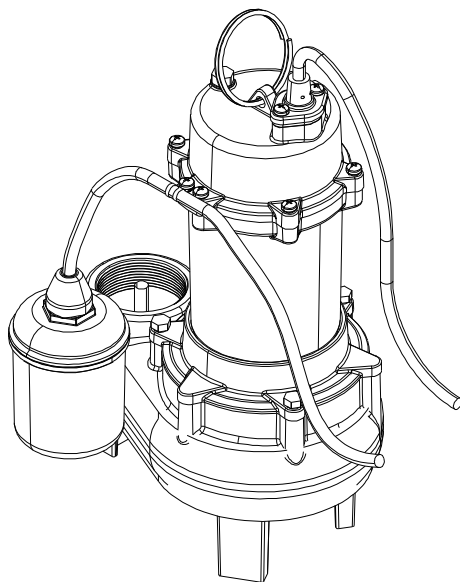




SUBMERSIBLE SEWAGE PUMP

1/2HP CAST IRON SUMP 4860GPH MAX HTH 23FT

SKU: 76061



ASSEMBLY AND USER'S GUIDE

76061

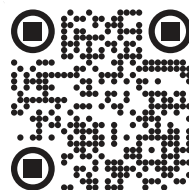
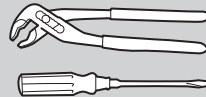
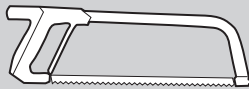
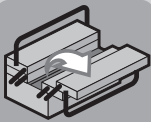
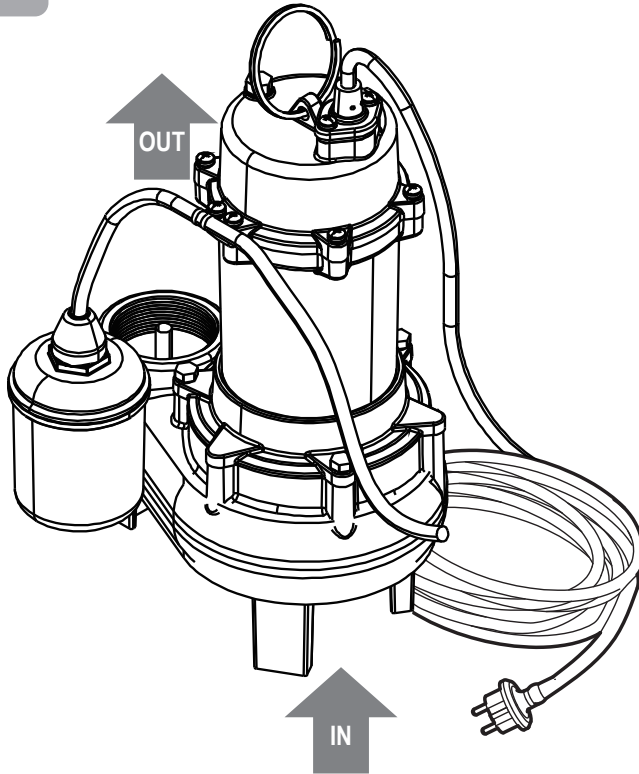




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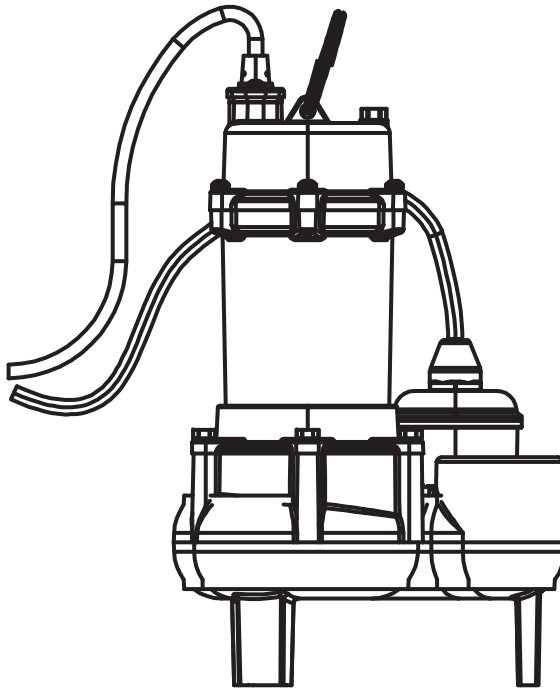
QUICK START



X1



QUICK START



Attention danger



Not connected



Power up



Observez



Maintenance



Connected

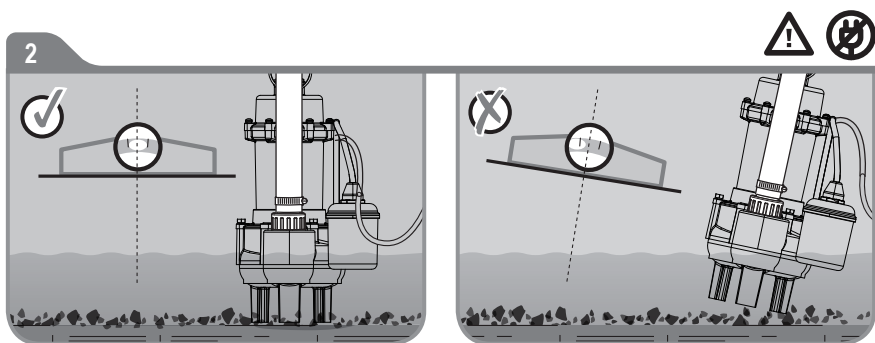
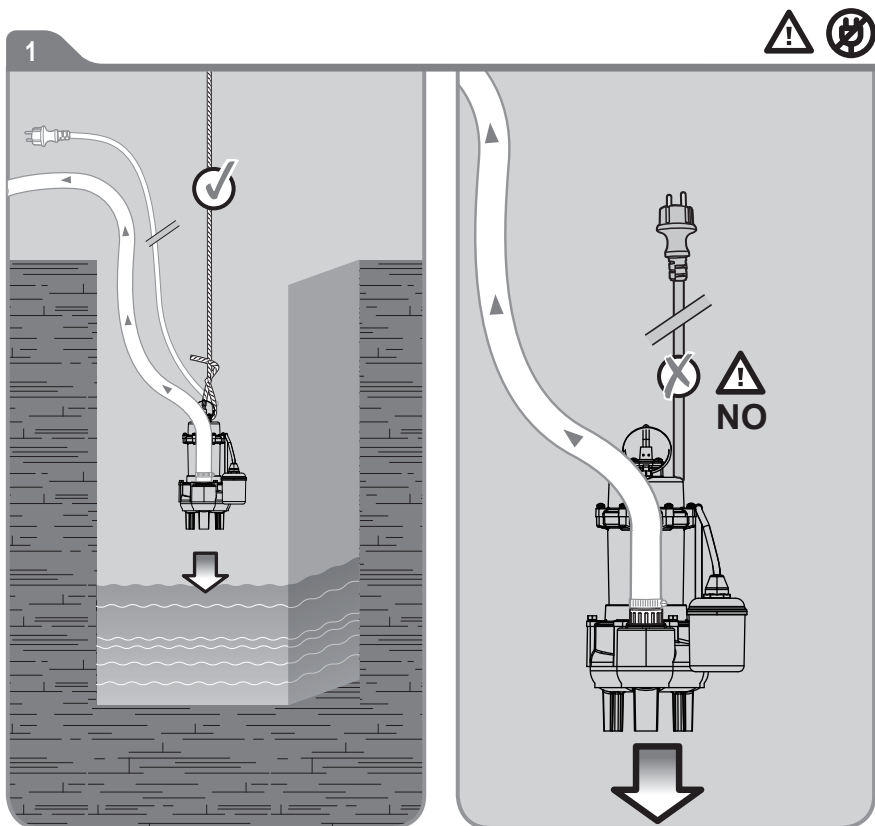


Stop

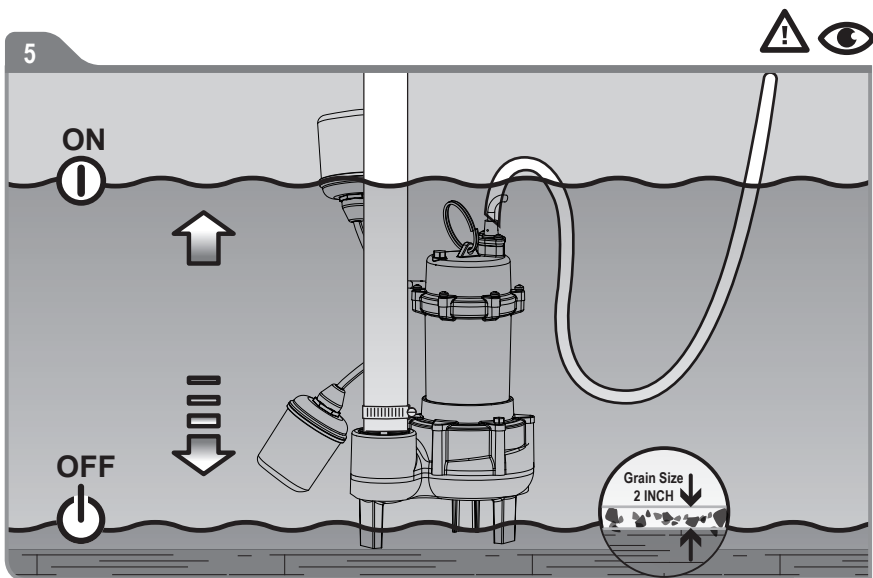
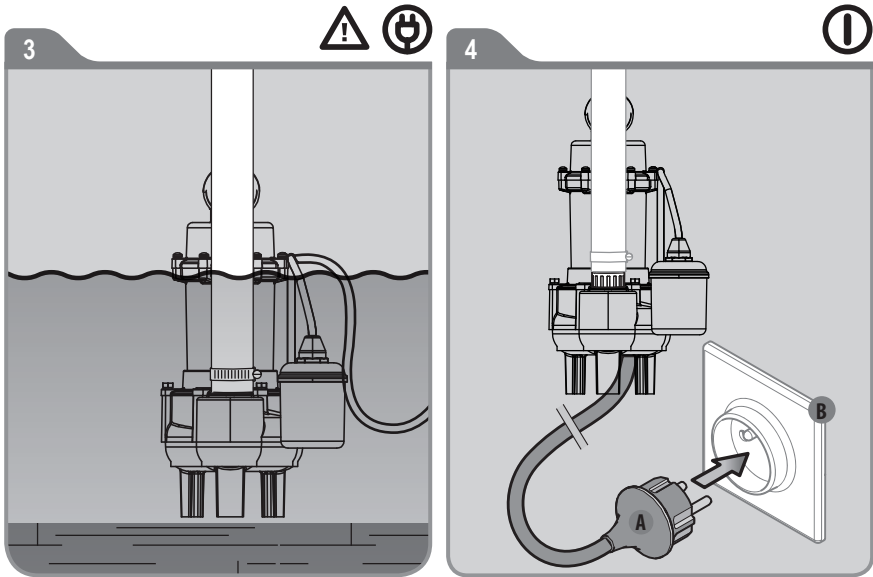


Clean Water Environment

QUICK START



QUICK START



INTRODUCTION AND SAFETY

Thank you for purchasing this product. Please read these instructions, and keep them for future reference.

This tool is an electric pump. It is used for pumping water and other similar water applications.

After opening the package, please ensure that the products are complete (if any).

If the products are damaged or there is something missing, please do not use it and bring it back to your dealer.

If you give this tool to another person, please give him this instruction manual.

Safety Instruction

1. All electrical sockets must be earthed.
2. No power cord should be used for transporting or fixing the equipment.
3. Don't pull the power cord on the sharp edge and don't press the power cord.
4. The power supply voltage must be the same as the voltage given on the model board.
5. To avoid hazards, all installation and replacement of components can only be carried out by authorized customer service personnel.
6. Electrical connections can only be performed by electrical professionals, and please comply with state regulations for this.
7. The pump must be connected with a current type leakage current breaker which carry a rated leakage current of no more than 30 MA.
8. Check the connection of the plug before running. If the wire is damaged, it must be replaced by the manufacturer, the agent or the relevant technical personnel to avoid any danger.

INTRODUCTION AND SAFETY

- 9.The device is suitable for children at eight or older. People with sensory or physical disabilities or deficiencies are required to use under supervision or knowledge of safety, use and danger. Children are not allowed to wash or maintain equipment without supervision.
- 10.Liquid contamination may be caused by leakage of lubricating oil.
- 11.The water pump can be connected with a shock proof plug installed in accordance with the regulations.
- 12.Do not use pumps when there is someone in the water.
- 13.When cleaning and maintaining, please disconnect the water pump from the main power supply.
- 14.Please contact technical staff .
- 15.Connectors for power plugs and extension cables must be made sure that they are watertight and must not be placed in the water. Furthermore, connectors cannot be placed on the ground. It is recommended to ensure that the outlet is at least 60 mm from the ground.



Attention!

None follow of the safety tips will have the life risk brought by the current!



Danger!

Danger type and source:

None follow of the safety tips will have the life risk brought by the current!

Do not repair the power cord if there is any external damage to the power cord or plug.

INSTALLATION AND COMMISSIONING

Long enough and strong ropes should be attached to the handle before the first use. When the pump is immersed into the liquid, the rope along with a handle can be used to balance the pump.

Installation

The equipment requires an area of at least 2 x 2 FT.

Depth of equipment immersed in technical parameters.

When installing the equipment, make sure the open will not the suction opening will not be blocked by foreign objects to keep the equipment stable.



Attention!

Risk for equipment damage!

Do not lift the pump by cable or pressure hose, because these cables or pressure hoses are not designed for tensile strength from pump weight.

The float switch must be able to move freely and the submersible pump cannot be used in a dry environment.



Attention:

For rope handling: Do not operate the pump without the pressure hose to prevent the pump from twisting around its longitudinal axis. In continuous use of a pump with a rope, the condition of the rope must be checked periodically, as it may break with increasing use time.

Connecting pressure pipe

- screw the pressure pipe onto the pressure connector. All joint connections must be sealed with a threaded sealing stripe.

- When using the hose, screw the right hose adapter into the pressure connector.

- Secure the hose firmly to the hose adapter and secure it with a hose clamp.

If it is used occasionally, please use a suitable pipe. A rigid pipe with a check valve is recommended for use in a fixed position.

This can be done at the close of the machine to prevent liquid backflow.

Use a strong rope to connect the handle of the pump and dip it into the liquid to be conveyed at a certain angle, so that the lower side of the device has no bubble formation to prevent the bubbles from being sucked in. Put the equipment down slowly, and once the pump is submerged, it can be adjusted again. The pump is arranged at the bottom of a liquid container, Fasten the end of the rope after lowering so that the pump can also be handled when hanging on the rope. The pump can work after the device is connected to the main power source.

TROUBLE SHOOTING

In most cases, you will be able to troubleshoot problems easily by yourself. Before you contact us, please refer to the following table for technical support. This will help you save a lot of work and possible expenses.

Error	Reasons	Errors shooting
The pump cannot start	1.Unconnected power. 2.The float switch is not turned on.	1.Check power supply. 2.Lift the float switch up.
No water	1.Inlet obstruction. 2.The pressure hose is bent .	1.Clean the inlet . 2.Adjusting hose .
The pump cannot close	1.The floater cannot sink.	1.Put the pump in the vertical well bottom correctly.
Too small flow rate	1.Inlet obstruction. 2.Debris and particles cause the wear of a critical part of the pump which reduces the flow of the pump.	1.Clean the inlet. 2.Clean the pump and replace worn parts.
Close the pump after a short period of time	1.If the water is too dirty, the pump may stall, and the heat protector will cut off the water pump motor power supply . 2.If the water temperature is too high, the heat protector will cut off the water pump motor power supply .	1.Disconnect the main power supply and clean the water pump . 2.Ensure that the maximum water temperature is not exceeded 95 °F.

Clean the equipment from the outside.

Flush with clean water. Use brush and detergent to remove stubborn pollution. Immerse the pump into a container with clean water, open it for running a while, and flush it in the pump.

Attention:



Before using the pump again, first "clean" to prevent any possible dirt residue which could affect the equipment operation.

Storage

If there is a risk of frost, remove equipment and accessories, and clean and store it a place protected from frost.

Using scope

The pump is mainly used in a basement. When installed at the bottom of the shaft, the pump prevents seep in the basement. It can also be used for water supply and drainage, such as household, agriculture, gardening, pipelines and other suitable occasions.



Risk for equipment damage!

Frost will destroy electrical appliances and accessories, because they always contain water.

Process equipment

Products marked with adjacent symbols shall not be treated as domestic rubbish. You must deal with these old electrical and electronic equipment separately.

Please contact local authorities to see if they can be handled properly. Make the old equipment available for recycling, processing, or other forms of second use by separate handling. You can avoid polluting the environment by doing so.

Disposal packaging

The packing is made of cardboard and corresponding marking plastic. These materials can be recycled.

SPECIFICATION

Model	76061
Nominal Voltage	115 V / 60 HZ
Horsepower	1/2 HP
Protection Type	IPX 8
Max. Head	30 FT
Max. Flow Rate	4861 GPH
Max. Grain Size	2 INCH
Max. Medium Temperature	95 °F

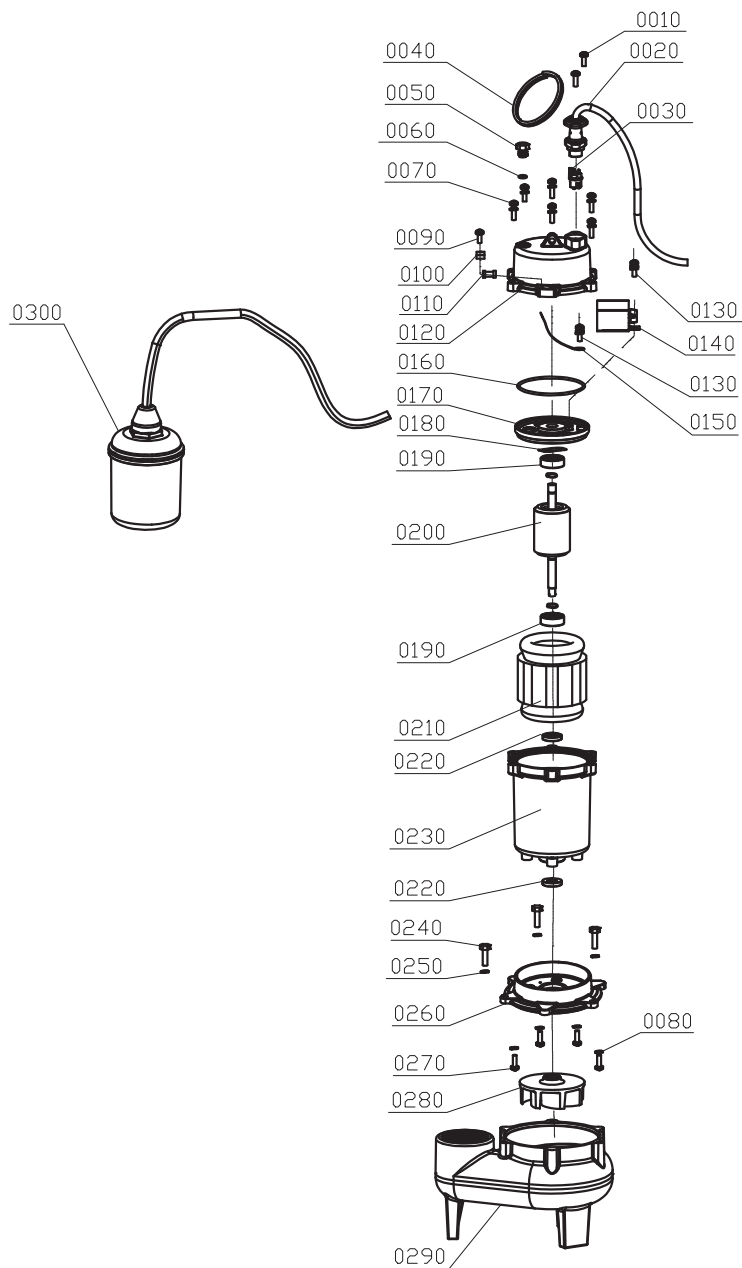


Attention!

Risk for equipment damage!

The particle size mentioned cannot be used for simple gravel or stone, but suitable for soft, variability of particles or similar things which cannot put into the water pump.

PARTS DIAGRAM



PARTS INFORMATION

Item	Parts No.	Description	Qty.	
0010	GB818 M4x15-201	Cross Head Tapping Screw	2	PCS
0020	JHCT087.48.043	Power Cord	1	PC
0030	JHCT077.03.009	Pin	1	PC
0040	JHCT002.11.009	Ring Handle	1	PC
0050	JHCT077.01.020	Sealing Bolt	1	PC
0060	JHCT051.01.224	O-Ring	1	PC
0070	GB/T9074.3-M5x20.0-	Screw Assembly	6	PCS
0080	GB93 5-201	Spring Washer	4	PCS
0090	GB818 M4*10-201	Cross Head Tapping Screw	1	PC
0100	JHCT012.03.001	Clip	1	PC
0110	JHCT052.01.048	Cable Sheath	1	PC
0120	JHCT003.06.025	Pump Upper Cover	1	PC
0130	GB9074.1 M4*8	Screw Assembly	2	PCS
0140	JHCT084.06.006	Capacitor	1	PC
0150	JHBZ033.01.011	Earthing Conductor	1	PC
0160	JHCT051.01.011	O-Ring	1	PC
0170	JHCT026.02.042	Aluminum Rear Cover	1	PC
0180	JHCT038.01.006	Corrugated Gasket	1	PC
0190	GB/T276 6200-2Z	Bearing	2	PCS
0200	JHCT023.01.408	Rotor	1	PC
0210	JHCT022.02.335	Stator	1	PC
0220	JHCT051.03.012	Skeleton Seal Ring	2	PCS
0230	JHCT024.16.023	Motor Case	1	PC
0240	GB/T5781 M6x16-201	Hexagon Head Bolt	3	PCS
0250	GB93 6-201	Spring Washer	3	PCS
0260	JHCT006.12.070	Pump Case	1	PC
0270	GB818 M5*15-201	Cross Head Tapping Screw	4	PCS
0280	JHCT009.03.196	Impeller	1	PC
0290	JHCT006.12.050	Pump Base	1	PC
0300	JHBZ007.01.054	Float Switch	1	PCS

DISCLAIMER

PLEASE READ THE FOLLOWING CAREFULLY

The manufacturer and/or distributor have provided the parts list and assembly diagram in this manual for reference purposes only. They do not make any representation or warranty to the buyer that they are qualified to make repairs to the product or replace any parts of the product. In fact, the manufacturer and/or distributor expressly state 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 from their repairs to the original product or replacement parts or arising from their installation of replacement parts. It is strongly advised that qualified professionals handle any repairs or replacements to ensure safety and proper functioning of the product. Improper installation and operation may result in injury, property damage, or voiding of warranty. The manufacturer and/or distributor shall not be held responsible for any accidents, damages, or malfunctions resulting from the buyer's installation and operation of the product. It is essential to follow all safety guidelines and recommendations provided in this manual and to seek professional assistance if unsure about the installation or operation procedures.

CUSTOMER SERVICE

If you have any questions about ordering our outdoor furnitures and replacement parts or other furniture products, please feel free to contact us using the following contact information:

Customer Service and Technical Support

Phone: (909) 628-0880

Email: customer@xtremepowerusa.com

Hours of Operation: Monday – Friday, 9AM – 4PM (CST)
