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› EXTRAUP 1HP 3000 GPH Stainless Steel Submersible Clean Water Transfer Pump User Manual

EXTRAUP 1HP

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Model: 1HP

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, installation, and maintenance of your EXTRAUP 1HP 3000 GPH Stainless Steel Submersible Clean Water Transfer Pump. Please read this manual thoroughly before use and retain it for future reference. Proper understanding and adherence to these instructions will ensure optimal performance and longevity of your pump.

1.1 Safety Information

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. This pump is designed for clean water transfer only. Do not use with flammable liquids, corrosive chemicals, or water containing large solids. Ensure the power supply matches the pump's specifications. Disconnect power before performing any maintenance or adjustments.

2. PRODUCT OVERVIEW AND COMPONENTS

The EXTRAUP 1HP Submersible Pump is constructed from stainless steel, designed for durability and corrosion resistance. It features an automatic float switch for water level control and a 25-foot power cord.



Figure 2.1: Overview of the EXTRAUP 1HP Submersible Pump, showing the stainless steel body, integrated handle, float switch, and power cord.

2.1 Key Features

- **Fully Stainless Steel Construction:** Provides corrosion resistance and durability.
- **Automatic Float Switch:** Activates and deactivates the pump based on water level.
- **Integrated Handle:** For easy portability and placement.
- **Overload Thermal Protector:** Built-in for motor protection with automatic reset.
- **Long Power Cord:** 25 feet (7.5 meters) for extended reach.
- **Versatile Discharge Fittings:** Compatible with 1", 1-1/4", and 1-1/2" hoses.

DETAIL DISPLAY



STABLE INTEGRATED HANDLE

**STAINLESS STEEL HANDLE
NOT EASY TO DAMAGE**



STAINLESS STEEL CONSTRUCTION

**PROVIDES THE HIGHEST LEVEL
OF CORROSION RESISTANCE PLUS
OFFERS YEARS OF PERFORMANCE
AND RELIABILITY**



AUTOMATIC FLOAT SWITCH

**SENSE THE POSITION OF
THE WATER LEVEL LINE,
IT WILL AUTOMATICALLY
START/STOP**



POWER CORD

**25 FT DOUBLE RUBBER
POWER CORD**

Figure 2.2: Detail display highlighting the stable integrated handle, stainless steel construction, automatic float switch, and 25 ft double rubber power cord.

3. SETUP AND INSTALLATION

3.1 Hose Connection

The pump includes a multi-size hose adapter. Select the appropriate diameter for your discharge hose and cut the adapter to fit. Ensure a secure, watertight connection to prevent leaks and maintain pump efficiency.

HOSE ADAPTOR SIZE

The hose adaptor can be cut into different size for multiple purposes use

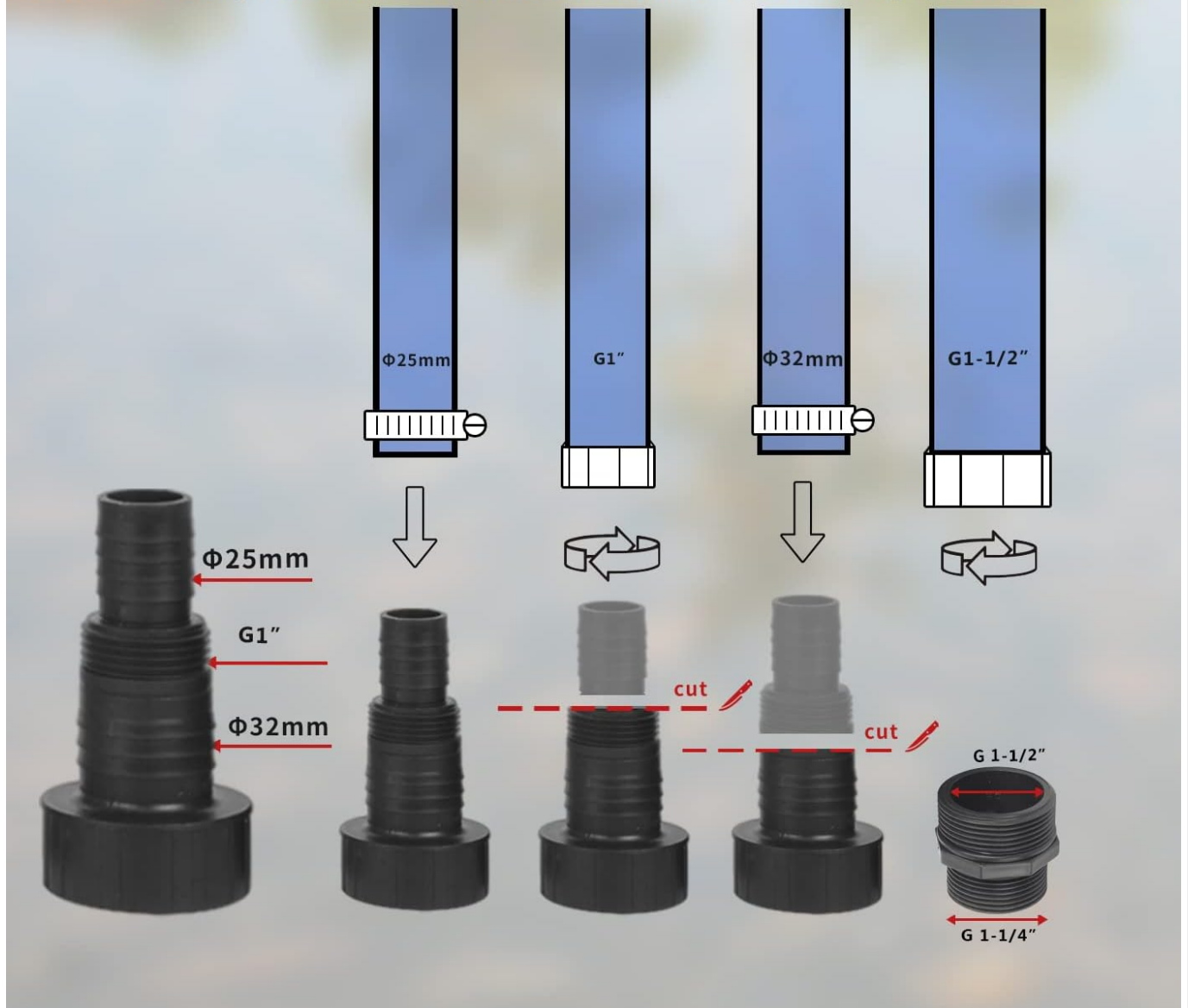


Figure 3.1: Illustration of the hose adapter, demonstrating how to cut it for 1", 1-1/4", and 1-1/2" hose connections.

3.2 Placement

Place the pump on a stable, level surface in the water. Ensure the float switch can move freely and is not obstructed by walls or debris. The pump is designed for submersible use only.

3.3 Electrical Connection

Connect the pump to a grounded 115V-60Hz power outlet. Verify that the power supply matches the pump's requirements to prevent damage.

4. OPERATING INSTRUCTIONS

4.1 Automatic Operation (Float Switch)

The pump is equipped with an automatic float switch. When the water level rises and lifts the float switch, the pump will automatically start. As the water level drops and the float switch lowers, the pump will automatically stop. Ensure the float switch has sufficient space to move freely.

AUTOMATIC FLOAT SWITCH



As the water level reaches upper or lower switching value, the controller contact will send out signals.

When the water pump is completely submerged in water, the float switch will float on the water level and turn on the switch that makes the pump work automatically.

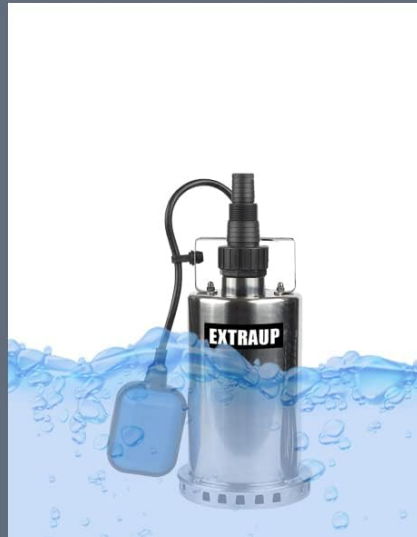
When a certain water level is reached, the float switch will sink and turn off the switch that makes the pump will stop working automatically.

When the float switch is locked on the pump, the pump will work all the time and the power will not shut off automatically. You have to cut off immediately when the pump fails to pump water to prevent it from dry running.

Working State



Stop State



Working State

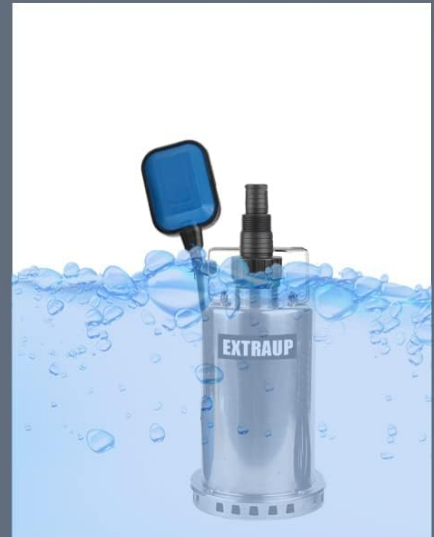


Figure 4.1: Visual representation of the pump's working state (float up), stop state (float down), and how the float switch controls operation.

4.2 Manual Operation (Locked Float Switch)

If the float switch is manually locked in an upward position, the pump will operate continuously. This mode is suitable for situations requiring constant pumping. However, it is crucial to monitor the pump to prevent dry running, which can cause damage.

Disconnect power immediately if the pump fails to pump water in this mode.

4.3 Applications

This pump is suitable for various clean water transfer applications, including draining pools, ponds, basements, and general garden irrigation.

MULTIPURPOSE

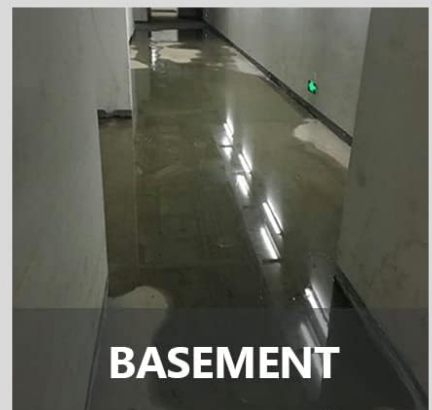
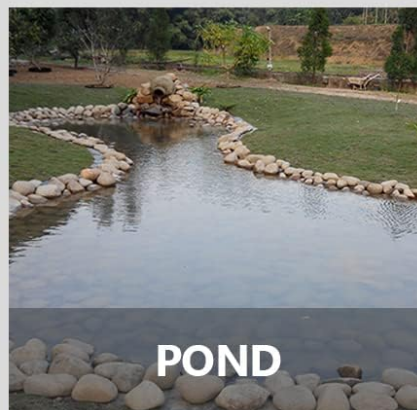
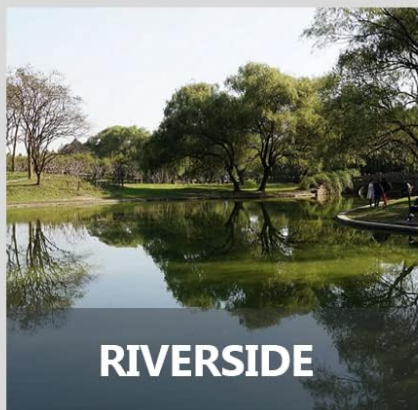


Figure 4.2: Examples of multipurpose applications for the EXTRAUP submersible pump.

5. MAINTENANCE

Regular maintenance ensures the pump's efficiency and extends its lifespan.

- **Cleaning:** Periodically clean the pump's intake screen to remove any debris that may obstruct water flow.
- **Inspection:** Regularly inspect the power cord and float switch for any signs of damage or wear.
- **Storage:** If storing the pump for an extended period, especially in freezing temperatures, ensure it is completely drained and dry. Store in a clean, dry place.

Warning: Always disconnect the pump from the power source before performing any cleaning or maintenance.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Pump does not start.	No power; Float switch not activated; Thermal overload tripped.	Check power connection and circuit breaker; Ensure float switch is free to rise; Allow pump to cool down, it will reset automatically.
Pump runs but no water is discharged.	Air lock; Clogged intake or discharge hose; Water level too low.	Lift and lower the pump slightly to release air; Clear any blockages; Ensure pump is fully submerged.
Pump cycles on and off frequently.	Float switch restricted; Water level fluctuating rapidly.	Check for obstructions around the float switch; Ensure the pump is in a stable water environment.
Reduced flow rate.	Partial blockage in intake or hose; Worn impeller.	Clean intake screen and discharge hose; Contact customer support for impeller replacement if necessary.

7. SPECIFICATIONS

TECHNICAL DATA



Voltage
110V/60Hz



Power
1HP



Max Flow
3000GPH



Max Head
28FT



STAINLESS STEEL HOUSING



AUTOMATIC FLOAT SWITCH



25FT(7.5M) POWER CORD



Figure 7.1: Technical data summary for the EXTRAUP 1HP Submersible Pump.

Specification	Value
Model	1HP
Power	750W / 1HP
Voltage	115V-60Hz
Maximum Flow Rate	3000 GPH (50 Gallons Per Minute)
Maximum Delivery Height (Head)	28 FT
Cord Length	25 FT
Discharge Fittings	1", 1-1/4", 1-1/2"
Material	Stainless Steel
Product Dimensions	6"L x 6"W x 13.8"H
Item Weight	10.69 pounds

PUMP SIZE

13.8 INCH



6 INCH



25 FT



Figure 7.2: Pump dimensions and power cord length.

8. WARRANTY AND SUPPORT

For warranty information or technical support, please contact EXTRAUP customer service. Refer to your purchase documentation for specific warranty terms and contact details. Keep your proof of purchase for any warranty claims.

You can visit the official EXTRAUP store for more information: [EXTRAUP Store](#)

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question