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TecHome TH302-Blue 2.0

TecHome 115V 1/10HP 330GPH Water Transfer Utility Pump Instruction Manual

Model: TH302-Blue 2.0

IMPORTANT SAFETY INFORMATION

Read and understand all safety warnings and instructions before operating this pump. Failure to follow these instructions may result in electric shock, fire, serious injury, or death.

- **Electrical Safety:** Ensure the pump is connected to a properly grounded outlet. Do not operate with damaged cords or plugs. Keep all electrical connections dry.
- **Liquid Compatibility:** This pump is designed for water transfer only. **DO NOT PUMP FLAMMABLE LIQUIDS** such as gasoline, fuel oil, kerosene, or alcohol. Pumping flammable liquids can cause an explosion or fire.
- **Temperature Limits:** Do not pump water hotter than 120°F (49°C).
- **Submersion:** This pump is not submersible. Keep the motor dry.
- **Children and Pets:** Keep children and pets away from the pump and its operating area.

PRODUCT OVERVIEW

The TecHome 115V 1/10HP 330GPH Water Transfer Utility Pump is a lightweight and portable solution for various water transfer needs. It features an ON/OFF switch for easy control and is built with durable materials for reliability.



Image: Key components and included accessories of the TechHome Water Transfer Pump.

SPECIFICATIONS

Feature	Specification
Voltage/Frequency	115V/60 HZ
Power	1/10 HP (0.1 Horsepower)
Max. Flow Rate	330 GPH (5.5 Gallons Per Minute)
Discharge Port	3/4 in. GHT
Suction Port	3/4 Inch
Max. Suction Lift	6 ft
Max. Discharge Head	40 ft

Feature	Specification
Product Dimensions	8.66"L x 8.66"W x 5.71"H
Item Weight	5.66 pounds
Material	Metal
Power Source	Corded Electric
Special Features	ON/OFF Switch
Included Components	Water suction attachment

SETUP AND INSTALLATION

- 1. Connect Hoses:** Attach the included 6 ft suction hose to the inlet port of the pump. Connect a standard 3/4 inch garden hose (not included) to the discharge port. Ensure all connections are tight to prevent leaks.
- 2. Position the Pump:** Place the pump on a stable, dry surface near the water source. Ensure the pump motor remains dry during operation.
- 3. Install Suction Strainer:** For optimal low suction performance, attach the included water suction attachment (strainer) to the end of the suction hose that will be submerged in the water. This allows the pump to remove water down to 1/8 inch of the surface.
- 4. Power Connection:** Plug the pump's power cord into a properly grounded 115V/60HZ electrical outlet.



Image: The pump connected with the suction hose and strainer, demonstrating its low suction capability.

OPERATING INSTRUCTIONS

1. **Priming the Pump:** Before starting, ensure the pump is primed. This typically involves filling the suction hose and pump housing with water to remove air.
2. **Start Operation:** Once hoses are connected and the pump is primed, flip the ON/OFF switch to the 'ON' position. The pump will begin transferring water.
3. **Low Suction Function:** When using the water suction attachment, the pump can effectively remove water down to 1/8 inch from the surface, making it ideal for draining shallow areas.
4. **Stop Operation:** To stop the pump, flip the ON/OFF switch to the 'OFF' position.

Video: A demonstration of the TechHome Water Transfer Pump's setup and operation, including its use for draining a pool cover.

EASY TO CONTROL



Image: Close-up of the pump's ON/OFF switch and power cord for easy control.

APPLICATIONS

This versatile utility pump is suitable for a wide range of water transfer tasks:

- Removing water from aquariums and water beds.
- Draining flooded basements or other small flooded areas.
- Transferring water from rain barrels.
- Draining swimming pools or pool covers.
- Watering lawns and gardens.
- Assisting with washing machines or washing cars.



Image: Visual examples of the pump's diverse applications in home and garden.

MAINTENANCE

To ensure the longevity and optimal performance of your TecHome water transfer pump, follow these maintenance guidelines:

- **Regular Cleaning:** Periodically clean the pump exterior and ensure the suction strainer is free of debris to prevent blockages and maintain efficient flow.
- **Storage:** When not in use, especially for extended periods, drain all water from the pump and hoses. Store the pump in a dry, protected area.
- **Replacement Parts:** The pump includes a complete replacement kit for internal components such as the impeller, gaskets, and carbon brushes, along with plumbing tape. These parts are designed to facilitate easy replacement if wear occurs, extending the pump's service life.



Image: Included replacement kit with essential internal pump components and plumbing tape.

TROUBLESHOOTING

If you encounter issues with your pump, consider the following common problems and solutions:

- **Pump Not Starting:** Ensure the power cord is securely plugged into a functional, grounded outlet. Check for tripped circuit breakers. Verify the ON/OFF switch is in the 'ON' position.
- **Low Flow or No Water Transfer:** Check if the pump is properly primed. Inspect the suction hose and strainer for clogs or kinks. Ensure the water source is sufficient. Examine the impeller for damage or obstructions; use the provided replacement parts if necessary.
- **Excessive Noise:** Some noise is normal during operation. However, excessive or unusual noise may indicate a blockage or worn internal components. Refer to the maintenance section for replacing parts.

WARRANTY AND SUPPORT

This TechHome Water Transfer Utility Pump comes with a **1-Year Factory Warranty**. For warranty claims, technical assistance, or further inquiries, please refer to the contact information provided with your product packaging or visit the official TechHome website.

Note: Keep your purchase receipt as proof of purchase for warranty purposes.