FIDISP 0737417130852

FIDISP 12 Volt Portable Water Transfer Pump Instruction Manual

Model: 0737417130852 | Brand: FIDISP

1. Introduction

This manual provides essential instructions for the safe and efficient operation, setup, and maintenance of your FIDISP 12 Volt Portable Water Transfer Pump. Please read this manual thoroughly before use and retain it for future reference. The FIDISP 12V DC Portable Water Transfer Pump is designed for transferring clean water from various sources such as swimming pools, fish ponds, boats, and water heaters. It features a 1/10 HP motor, capable of transferring up to 330 gallons per hour and lifting water over 44 feet.



Image 1.1: FIDISP 12 Volt Portable Water Transfer Pump and included accessories.

2. Safety Information

Observe the following safety precautions to prevent injury and damage to the pump:

- **DO NOT PUMP FLAMMABLE LIQUIDS:** This pump is designed for clean water only. Pumping flammable liquids can cause fire or explosion.
- **DO NOT RUN DRY:** Always ensure the pump is primed with water before operation. Running the pump dry can cause damage to the impeller and motor.
- **POWER SOURCE:** Use only a 12V DC power source with sufficient capacity (recommended 300W or larger battery capacity). Ensure correct polarity when connecting battery clamps.
- **ELECTRICAL SAFETY:** The pump has a waterproof built-in switch. Keep electrical connections dry and avoid operating in standing water.
- **WATER INLET/OUTLET:** Add water or edible oil to the water inlet and outlet before use to wet the impeller and improve lubrication.

- **IMPELLER:** Wait for more than 30 seconds after priming to ensure smooth water flow.
- **SUBMERGING:** Do not submerge the pump in water. It is not designed for submersible operation.
- **WATER LEVEL:** Switch off the power immediately when the water level drops below 1/8 inch to prevent dry running.

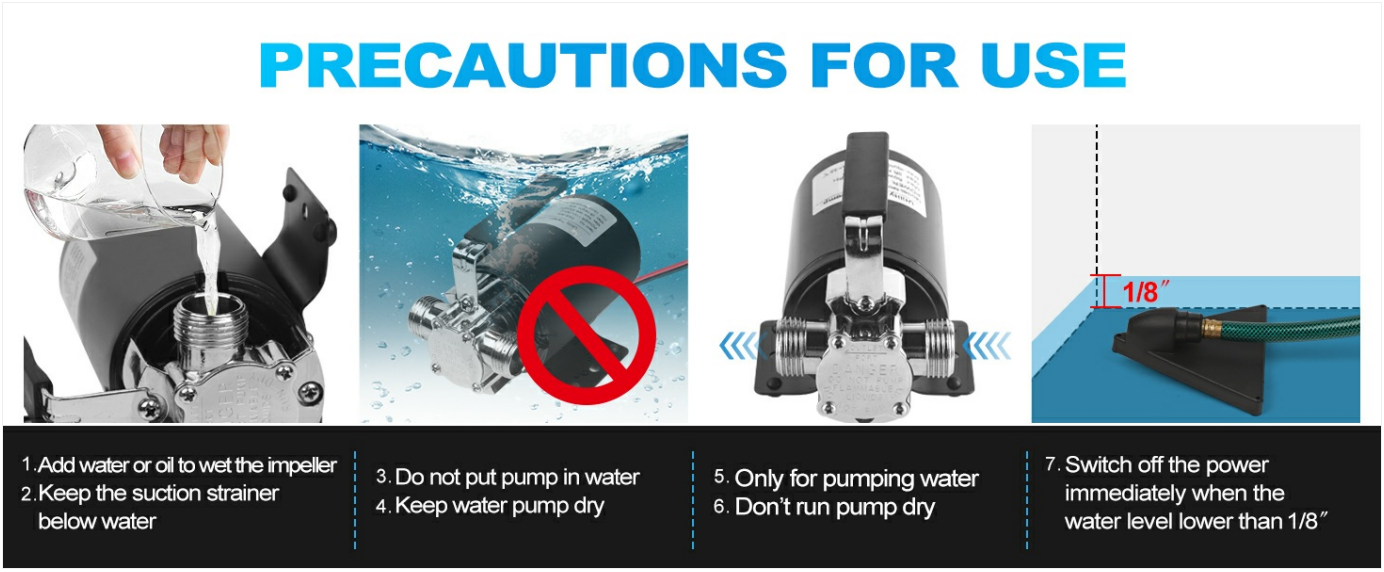


Image 2.1: Visual guide to important precautions for pump operation.

3. Package Contents

Verify that all items are present in the package:

- 1x FIDISP 12V DC Portable Water Transfer Pump
- 2x 6 FT Water Hoses (with 3/4 GHT Thread brass connectors)
- 1x Suction Strainer Attachment
- 1x Power Clamp (battery terminal clamps)
- 1x Safety Switch (inline on power cord)
- Additional accessories (e.g., spare impeller, gasket)

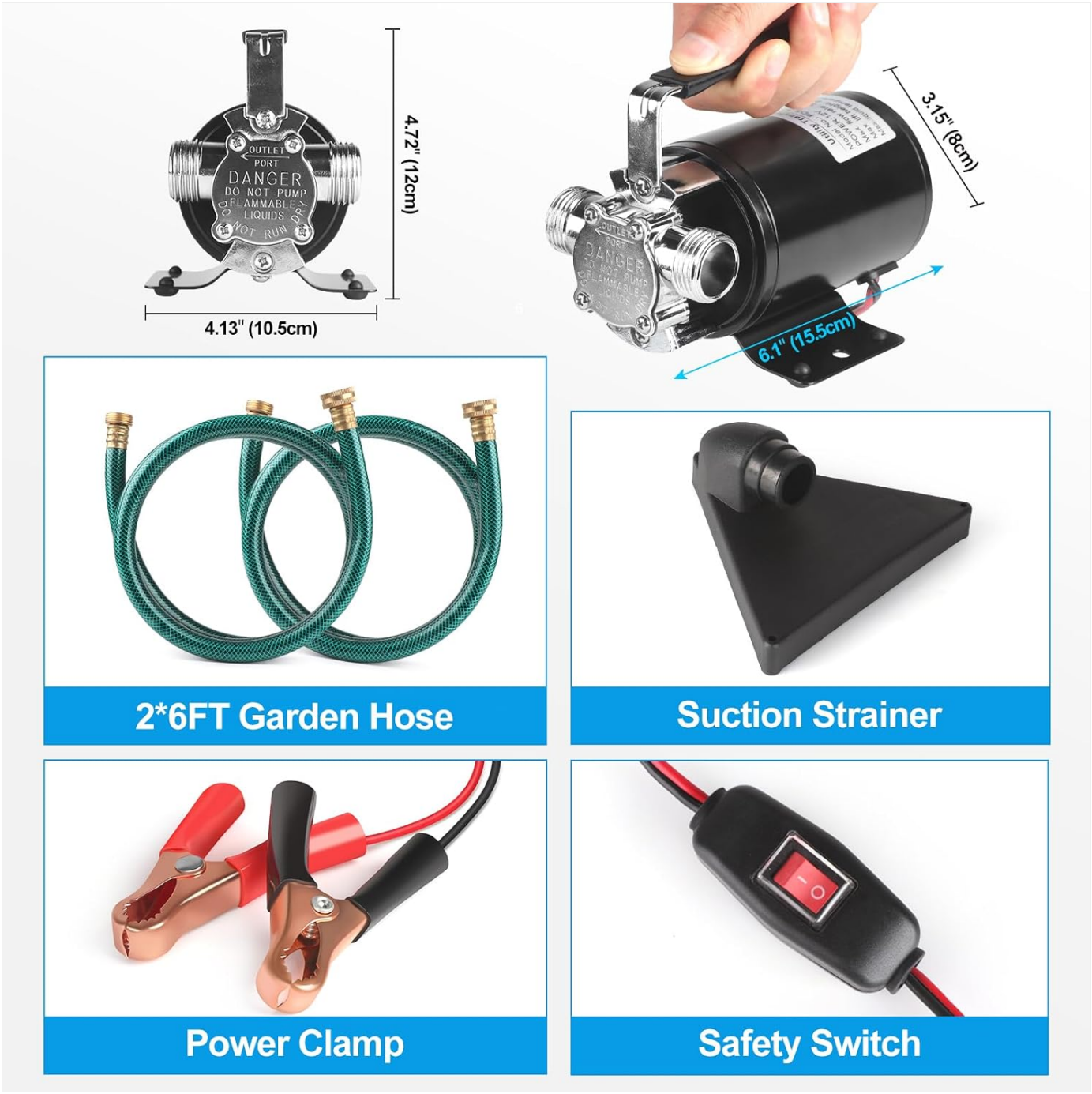


Image 3.1: Contents of the FIDISP 12 Volt Portable Water Transfer Pump package.

4. Setup Instructions

Follow these steps to set up your water transfer pump:

1. **Connect Hoses:** Attach one 6 ft water hose to the pump's inlet port and the other 6 ft hose to the outlet port. Ensure connections are secure to prevent leaks. The hoses feature 3/4 GHT (Garden Hose Thread) brass connectors.
2. **Install Suction Strainer:** For water intake from pools, ponds, or other open sources, attach the suction strainer to the end of the inlet hose. This prevents debris from entering the pump.
3. **Prime the Pump:** Before connecting power, add water or edible oil to both the inlet and outlet ports to wet the impeller and ensure proper lubrication. This is crucial to prevent dry running.
4. **Position the Pump:** Place the pump on a stable, dry surface near the water source. Ensure the inlet hose is submerged in the water source and the outlet hose is directed to the desired discharge location. The pump is not submersible.
5. **Connect Power:** Connect the red power clamp to the positive (+) terminal of a 12V DC battery and the black power

clamp to the negative (-) terminal. Ensure the inline safety switch is in the "OFF" position before connecting.



Image 4.1: Pump connected to a 12V DC battery for outdoor use.



Image 4.2: Inlet strainer attachment for preventing debris entry.

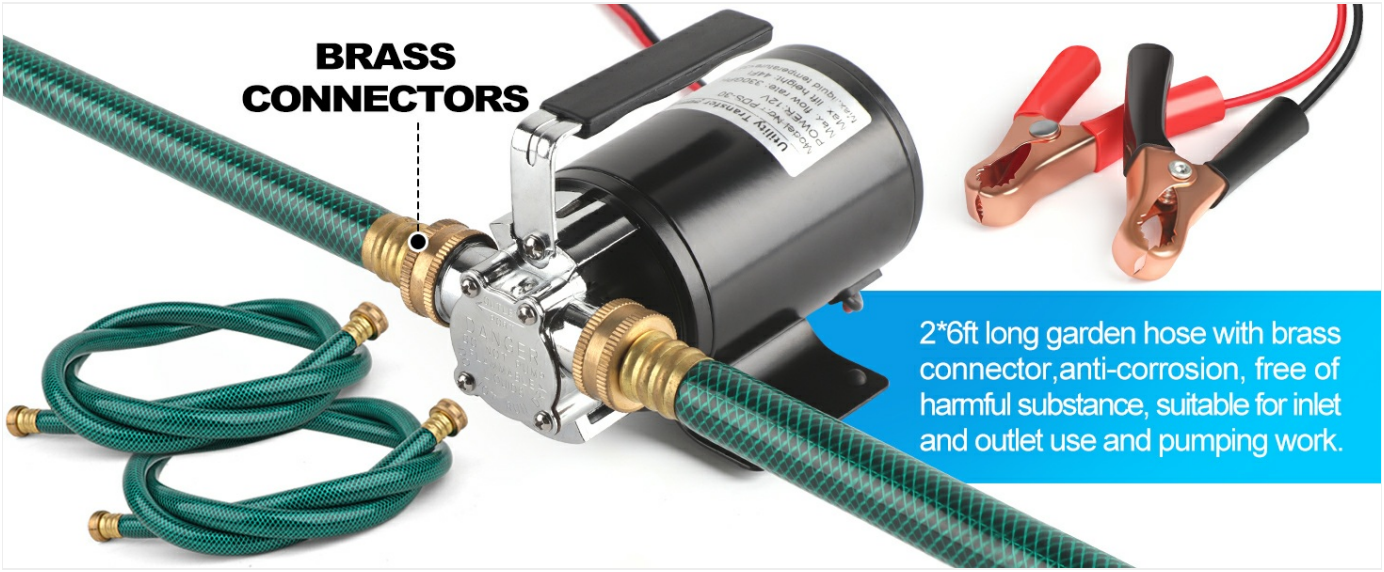


Image 4.3: Brass connectors on the included hoses for secure attachment.

5. Operating Instructions

Once the pump is set up, follow these steps for operation:

1. **Start the Pump:** Flip the inline safety switch to the "ON" position. The pump will begin to operate.
2. **Monitor Flow:** Allow approximately 30 seconds for the pump to establish a smooth water flow, especially after initial priming.
3. **Observe Water Level:** Continuously monitor the water level at the inlet source. If the water level drops below 1/8 inch, immediately switch the pump "OFF" to prevent dry running and potential damage.
4. **Stop the Pump:** When water transfer is complete or if an issue arises, flip the inline safety switch to the "OFF" position.
5. **Disconnect Power:** After turning off the pump, disconnect the power clamps from the battery terminals.



Image 5.1: Operating the inline safety switch.



Image 5.2: Pump in operation, showing water discharge.

6. Applications

The FIDISP 12 Volt Portable Water Transfer Pump is suitable for a variety of clean water transfer tasks, including:

- Draining swimming pools and hot tubs
- Emptying fish ponds and aquariums
- Transferring water from boats
- Draining water heaters
- General garden irrigation and watering
- Use with sprayers for fertilizers or cleaning
- Camping and outdoor water management



Image 6.1: Examples of pump applications, including car washing and garden watering.



Image 6.2: Diverse applications of the FIDISP water transfer pump.

7. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your pump:

- **Cleaning:** After each use, flush the pump with clean water to remove any residue.
- **Strainer Inspection:** Periodically check the suction strainer for blockages and clean as necessary.
- **Storage:** Store the pump in a dry, cool place, protected from extreme temperatures. Disconnect hoses and drain any remaining water before storage.
- **Impeller Check:** If flow rate decreases, inspect the impeller for wear or damage. Replace if necessary (spare impeller may be included).

8. Troubleshooting

Refer to the table below for common issues and their solutions:

Problem	Possible Cause	Solution
Pump does not start	No power; incorrect battery connection; switch off.	Check battery connections and charge; ensure switch is ON.
Pump runs but no water flows	Pump not primed; inlet hose not submerged; clogged strainer; air leak in inlet hose.	Prime the pump; ensure inlet hose is fully submerged; clean strainer; check hose connections for tightness.
Low flow rate	Partially clogged strainer/hose; low battery power; worn impeller.	Clean strainer/hoses; ensure battery is fully charged and sufficient capacity; inspect/replace impeller.
Pump is noisy	Dry running; air in the system; pump not stable.	Ensure pump is primed and continuously supplied with water; check for air leaks; place pump on a firm, level surface.

9. Specifications

Feature	Detail
Brand	FIDISP
Model Number	0737417130852

Feature	Detail
Power Source	12V DC (Corded Electric)
Horsepower	1/10 HP
Maximum Flow Rate	330 GPH (5.5 Gallons Per Minute)
Maximum Lifting Height (Head)	44 Feet
Material	Stainless Steel
Product Dimensions	6.1"L x 3.15"W x 3.15"H
Item Weight	6.6 Pounds
Recommended Battery Capacity	300W or larger

10. Warranty and Support

For warranty information or technical support, please refer to the product packaging or contact FIDISP customer service through the retailer where the product was purchased. Keep your purchase receipt as proof of purchase.
For additional resources, you may visit the official FIDISP store:FIDISP Store on Amazon.

Ask a question about this manual

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.

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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.

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