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## VEVOR HT-781

# VEVOR High-Pressure Paddle Air Pump User Manual

Model: HT-781

## 1. INTRODUCTION

Thank you for choosing the VEVOR High-Pressure Paddle Air Pump. This electric pump is designed for efficient and convenient inflation of various inflatable items, including paddleboards, kayaks, air mattresses, and inflatable tents. With its intelligent control and automatic stop function, it simplifies the inflation process, allowing you to enjoy your outdoor activities faster.

Please read this manual thoroughly before operating the pump to ensure safe and optimal performance.

## 2. SAFETY INSTRUCTIONS

- Do not operate the pump in wet conditions or immerse it in water.
- Keep the pump away from children and pets.
- Ensure the power source is 12V DC, as specified.
- Do not block the air intake or outlet during operation.
- Avoid continuous operation beyond the recommended time (20 minutes) to prevent overheating. The pump features overheat protection and will automatically shut off if it becomes too hot.
- Always ensure the correct nozzle is securely attached to prevent air leakage and ensure efficient inflation.
- Do not overinflate items. Always refer to the recommended pressure for your inflatable product.

## 3. PRODUCT COMPONENTS

The VEVOR High-Pressure Paddle Air Pump comes with the following components:

- 1 x Paddle Air Pump (Model: HT-781)
- 1 x Inflation Hose (Length: 39.4 inches / 1000 mm)
- 7 x Inflation Nozzles (various types for different valves)
- 2 x Sealing Rings
- 1 x User Manual



Image 3.1: All components included with the VEVOR Paddle Air Pump.



Image 3.2: The seven large inflating nozzles provided, compatible with various inflatables.

## 4. SETUP

1. **Connect the Hose:** Screw the inflation hose securely into the air outlet port on the front of the pump.
2. **Select Nozzle:** Choose the appropriate nozzle for your inflatable item's valve. Attach the selected nozzle to the other end of the inflation hose.
3. **Connect to Power:** Plug the 12V car connector into your vehicle's 12V outlet. Ensure the connection is firm.

# 20 Min Continuous Usage Time



Image 4.1: The pump connected to a 12V car outlet, ready for inflation.

## 5. OPERATING INSTRUCTIONS

### 5.1. Inflation Process

1. **Power On:** Press the power button (**On/Off**) to turn on the pump. The LED display will illuminate.
2. **Select Pressure Unit:** Press the **PSI/BAR** button to switch between PSI and BAR pressure units.

3. **Set Target Pressure:** Use the + (Pressurizing) and - (Decompressing) buttons to set your desired target pressure. The pump will remember your last setting for future use.
4. **Start Inflation:** Insert the nozzle into the valve of your inflatable item. Short press the power button (On/Off) again to start the inflation process. The pump will automatically stop once the preset pressure is reached.
5. **Monitor Progress:** The LED display will show the real-time pressure during inflation.

## Smart Control

Pre-set pressure, automatic inflation stop for ease



On / Off



Pressurizing



Decompressing



Switch  
Pressure Units



Pre-Set PSI



Save Settings



Image 5.1: Smart Control panel with On/Off, +/- for pressure, and unit switch buttons.



Image 5.2: The pump in action, inflating a paddleboard efficiently.

## 5.2. Deflation Process

To deflate an item, connect the inflation hose to the *deflation port* (if available on your inflatable item, or use the pump's deflation function if applicable). For this model, the primary function is inflation. To deflate, you would typically connect the hose to the deflation port of the pump (if present) and the item, then activate the pump. If no specific deflation port is mentioned on the pump, manual deflation of the item is required.

## 6. MAINTENANCE

- **Cleaning:** Wipe the pump exterior with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the pump and its accessories in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Hose and Nozzles:** Ensure the hose and nozzles are clean and free of debris before and after each use.
- **Overheat Protection:** The pump is equipped with overheat protection. If it shuts off due to overheating, allow it to cool down for at least 15-20 minutes before resuming operation.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not turn on.	No power connection; Faulty 12V outlet; Overheat protection activated.	Check 12V car connector and outlet. Ensure vehicle engine is running. Allow pump to cool down if it was recently used.
Slow inflation or no inflation.	Hose or nozzle not securely attached; Incorrect nozzle used; Leak in inflatable item; Air intake blocked.	Ensure all connections are tight. Use the correct nozzle. Check inflatable for leaks. Clear any obstructions from air intake.
Pump stops before reaching target pressure.	Overheat protection activated; Target pressure already reached.	Allow pump to cool down. Check the current pressure reading on the display.
Inaccurate pressure reading.	Loose connection; Sensor issue.	Ensure hose and nozzle are securely attached. If problem persists, contact customer support.

## 8. SPECIFICATIONS

Feature	Specification
Model Number	HT-781
Voltage	DC 12V
Maximum Pressure	20 PSI
Continuous Usage Time	20 minutes
Main Material	ABS (Acrylonitrile Butadiene Styrene)
Product Weight	2.7 lbs / 1.24 kg
Product Dimensions	9.3 x 5.6 x 5.1 inches / 235 x 141 x 130 mm
Accessories	7 x Inflation Nozzles, 1 x Inflation Hose, 2 x Sealing Rings

# 7 Large Inflating Nozzles



**Inflatable Paddle Board**



**Air Mattress**



**Inflatable Tent**



**Inflatable Towable-Tube**



Image 8.1: Product dimensions and key specifications.

## 9. WARRANTY AND SUPPORT

VEVOR products are designed for durability and performance. For specific warranty information regarding your VEVOR High-Pressure Paddle Air Pump, please refer to the warranty card included in your product packaging or visit the official VEVOR website.

If you encounter any issues or have questions not covered in this manual, please contact VEVOR customer support. Have

your model number (HT-781) and purchase details ready for faster service.