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› Tuomico 20PSI Electric Paddle Board Pump Instruction Manual

Tuomico HT-737

Tuomico 20PSI Electric Paddle Board Pump

Model: HT-737

INTRODUCTION

Thank you for choosing the Tuomico 20PSI Electric Paddle Board Pump. This portable inflator and deflator is designed for efficient and convenient inflation of various inflatables, including stand-up paddleboards, kayaks, and other recreational items. Featuring a dual-stage high-pressure system, auto-off function, and a large digital display, this pump simplifies the inflation process, allowing you to spend more time enjoying your activities.

SAFETY INFORMATION

- Always read all instructions before operating the pump.
- Do not operate the pump in wet conditions or expose it to rain.
- Ensure the power source (12V DC car plug-in adapter) is compatible and stable.
- Keep children and pets away from the pump during operation.
- Do not block the air intake or exhaust ports during operation.
- Allow the pump to cool down if it becomes excessively hot during prolonged use. The active cooling system helps, but continuous operation beyond recommended limits can cause damage.
- Never exceed the maximum recommended pressure for your inflatable item.
- Disconnect the pump from the power source when not in use or before cleaning.

PACKAGE CONTENTS

Please verify that all items are present in your package:

- Tuomico Electric SUP Pump
- 12V DC Car Plug-in Adapter
- Hose
- 7 Durable Attachments/Valve Adapters (including standard H3 valve adapter)

- Carry Bag



Image: Tuomico Electric Paddle Board Pump and its complete set of accessories.

PRODUCT FEATURES

- **Lightweight and Portable:** Weighs only 1.15 KG with dimensions of 7in x 6.5in x 3in, making it easy to transport.
- **Fast Inflation/Deflation:** Can inflate a 10-foot SUP board to 15 PSI in approximately 9 minutes and deflate it in 2 minutes.
- **Active Cooling System:** Unique ventilation system allows for continuous operation, capable of inflating up to 3 paddleboards consecutively without significant cool-down periods.
- **Versatile Adapters:** Includes 7 durable attachments, compatible with standard H3 valves for SUPs and kayaks, as well as various other inflatables like tents, yoga balls, air mattresses, rafts, and pool toys.
- **Large Digital Display with Auto-Off:** Features an ultra-large screen for real-time pressure monitoring. Set your desired pressure, and the pump will automatically shut off once reached.
- **12V DC Car Connection:** Powered by your vehicle's 12V DC outlet, suitable for both fuel-powered cars and electric vehicles.



Image: Active Cooling System Diagram.

**WORK WELL WITH BOTH
FUEL-CAR AND TELSLSA**



Image: Compatibility with various car types.



Image: Versatile applications with included adapters.

SETUP

1. **Connect to Power:** Plug the 12V DC car plug-in adapter into your vehicle's 12V outlet. Ensure the vehicle's engine is running to provide stable power.
2. **Attach Hose:** Securely screw the inflation hose onto the pump's output port.
3. **Select Adapter:** Choose the appropriate valve adapter for your inflatable item. For most paddleboards, the standard H3 valve adapter will be used. Ensure the correct O-ring is in place for a secure, airtight connection.
4. **Connect to Inflatable:** Attach the selected adapter to the valve of your inflatable. Twist or push firmly to ensure a tight seal.



Image: Pump connected to a paddleboard for inflation.

OPERATING INSTRUCTIONS

Inflation

1. **Power On:** Press the power button on the pump. The large digital display will illuminate.
2. **Set Pressure:** Use the '+' and '-' buttons to set your desired pressure in PSI or BAR. The display shows the target pressure.
3. **Start Inflation:** Press the power button again to start the inflation process. The pump will operate in two stages: a high-volume stage for rapid initial inflation, followed by a high-pressure stage to reach the set PSI.
4. **Monitor Progress:** The digital display will show the real-time pressure as the inflatable fills.
5. **Automatic Shut-off:** The pump will automatically stop once the preset pressure is reached.
6. **Disconnect:** Once inflation is complete, disconnect the hose from the inflatable and the pump from the power.

source.

Deflation

To deflate your inflatable, connect the hose to the pump's deflation port (if available, or reverse the connection on the inflation port if it supports deflation). Connect the appropriate adapter to your inflatable's valve and activate the pump. The pump will draw air out, making it easier to roll up and store your item.



Image: Large screen for real-time monitoring and controls.

MAINTENANCE

- **Cleaning:** Wipe the exterior of the pump with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners. Ensure no water enters the pump's vents or ports.
- **Hose and Adapters:** Keep the hose and adapters clean and free of debris. Check O-rings for wear and tear and replace if necessary to maintain an airtight seal.

- **Storage:** Store the pump and its accessories in the provided carry bag in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Ventilation:** Ensure the pump's ventilation ports are clear of obstructions to allow the active cooling system to function effectively.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not turn on.	No power from 12V outlet; loose connection; blown fuse in car adapter.	Ensure car engine is running. Check 12V outlet for power. Verify secure connection. Check and replace fuse in car adapter if necessary.
Slow inflation or pump struggles to reach high pressure.	Loose hose/adapter connection; incorrect adapter; inflatable valve issue; pump overheating.	Ensure all connections are tight and airtight. Use the correct adapter for your inflatable. Check the inflatable's valve for leaks. Allow pump to cool down if it has been running for an extended period.
Pump stops before reaching set pressure.	Overheating protection activated; internal fault.	Allow the pump to cool down for at least 20-30 minutes. If the issue persists after cooling, contact customer support.
Unusual noise during operation.	Internal component issue; debris in pump.	Immediately turn off the pump. Do not attempt to open or repair. Contact customer support.

If you encounter problems not listed here or if the suggested solutions do not resolve the issue, please contact Tuomico customer support for assistance.

SPECIFICATIONS

- **Model Name:** HT-737
- **Color:** Dark Green
- **Material:** Plastic
- **Item Weight:** 1.15 Kilograms
- **Product Dimensions (LxWxH):** 7" x 6.8" x 3"
- **Power Source:** Corded Electric (12V DC Car Plug-in)
- **Air Flow Capacity:** 350 LPM (Liters Per Minute)
- **Maximum Pressure:** 20 PSI (Pound per Square Inch)
- **Operation Mode:** Automatic

WARRANTY INFORMATION

The Tuomico 20PSI Electric Paddle Board Pump comes with a **1-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, accident, unauthorized modification, or improper maintenance.

Please retain your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For technical assistance, warranty claims, or any questions regarding your Tuomico Electric Paddle Board Pump, please contact Tuomico customer support. Refer to the product packaging or the official Tuomico website for the most current contact information.

We are committed to providing excellent service and support for your product.

