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## VacLife ATJ-6988

# VacLife Cordless Tire Inflator Portable Air Compressor User Manual

Model: ATJ-6988

## 1. INTRODUCTION

The VacLife Cordless Tire Inflator (Model ATJ-6988) is a portable and versatile air compressor designed for inflating tires on cars, bikes, and other inflatables. Its compact, cordless design makes it convenient for on-the-go use, providing up to 150 PSI pressure. Equipped with a powerful motor, it offers quick and efficient inflation, along with an LED digital display for real-time pressure monitoring and an auto-shutoff feature for safe operation. The integrated LED light enhances usability in low-light conditions.

## 2. SAFETY INSTRUCTIONS

Please read and understand all safety instructions before operating the device. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- Keep the device away from children and pets.
- Do not operate the inflator in wet conditions or expose it to rain.
- Ensure the correct pressure setting for the item being inflated to prevent over-inflation and potential bursting.
- Allow the device to rest for at least 10 minutes after every 10 minutes of continuous use to prevent overheating.
- Do not disassemble or modify the device. Refer all servicing to qualified personnel.
- Use only the provided charging cable and compatible power sources.
- The device operates at a noise level of approximately 80 dB. Use hearing protection if sensitive to noise or in prolonged use.
- Dispose of batteries responsibly according to local regulations.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- VacLife Cordless Tire Inflator Unit
- Air Hose with Schrader Valve Connector

- Presta Valve Adapter
- Ball Needle Nozzle
- Inflatable Toy Nozzle
- USB Charging Cable (USB-A to USB-C)
- User Manual (this document)

## 4. PRODUCT OVERVIEW



Figure 4.1: VacLife Cordless Tire Inflator and Included Accessories. The image displays the main inflator unit on the right, featuring a digital display and control buttons. To the left, an air hose, two different cone-shaped nozzles, a ball needle, and a USB charging cable are shown.

### 4.1 Components

- **Main Unit:** Houses the motor, battery, display, and controls.
- **Air Hose:** Connects the inflator to the tire valve.
- **Nozzles:** Various adapters for different inflation needs (e.g., car tires, bike tires, sports balls, inflatable toys).
- **USB Charging Port:** For recharging the internal battery.

## 4.2 Controls and Display

- **Power Button (Center):** Press and hold to turn on/off. Short press to start/stop inflation.
- **Mode Button (M):** Cycles through inflation modes (car, motorcycle, bicycle, ball) and pressure units (PSI, BAR, KPA, KG/CM<sup>2</sup>).
- **+' / '-' Buttons:** Adjusts the target pressure value.
- **Light Button (Sun icon):** Toggles the LED light modes (Flashlight, Alarm Light, SOS Light).
- **LED Digital Display:** Shows real-time pressure, preset pressure, selected unit, battery level, and inflation mode icons.

## 5. SETUP

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### 5.1 Charging the Device

1. Connect the provided USB charging cable to the charging port on the inflator.
2. Connect the other end of the USB cable to a compatible USB power adapter (not included) or a USB port.
3. The battery indicator on the LED display will show charging status. A full charge typically takes 3-4 hours.
4. Once fully charged, the device can operate continuously for approximately 20 minutes.

### 5.2 Attaching the Air Hose and Nozzles

1. Screw the air hose securely into the air outlet port on the top of the inflator.
2. Select the appropriate nozzle for the item you wish to inflate.
3. Screw the selected nozzle onto the end of the air hose.

## 6. OPERATING INSTRUCTIONS

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### 6.1 Power On/Off

- To turn on: Press and hold the Power button (center button) for 2-3 seconds until the display illuminates.
- To turn off: Press and hold the Power button for 2-3 seconds. The device will also automatically shut off after a period of inactivity.

### 6.2 Selecting Pressure Unit and Mode

- After powering on, press the Mode button (M) to cycle through the four available pressure units: PSI, BAR, KPA, and KG/CM<sup>2</sup>.
- Continue pressing the Mode button to select the desired inflation mode (car, motorcycle, bicycle, ball). Each mode may have a default pressure range.

### 6.3 Setting Target Pressure

- Once the desired unit and mode are selected, use the '+' and '-' buttons to adjust the target pressure value. The preset pressure will flash on the display.

- Refer to your vehicle's or item's recommended pressure (usually found on a sticker inside the car door, owner's manual, or on the item itself).

## 6.4 Starting Inflation

1. Connect the air hose (with appropriate nozzle) securely to the valve stem of the item to be inflated. The display will show the current pressure.
2. Press the Power button (center button) once to start inflation. The inflator will begin pumping air, and the real-time pressure will be displayed.
3. The inflator will automatically stop once the preset target pressure is reached. This is the auto-shutoff feature.
4. To manually stop inflation at any time, press the Power button again.
5. Disconnect the air hose from the valve stem.

*Example:* Inflating a 195/55 R15 car tire from 22 PSI to 36 PSI typically takes approximately 3 minutes. For optimal performance and device longevity, allow the inflator to rest for at least 10 minutes after every 10 minutes of continuous operation.

## 6.5 Using the LED Light

- Press the Light button (sun icon) to cycle through the LED light modes:
- **First Press:** Activates the constant flashlight mode.
- **Second Press:** Activates the alarm light (slow flashing).
- **Third Press:** Activates the SOS light (Morse code for SOS).
- **Fourth Press:** Turns off the LED light.

## 7. MAINTENANCE

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- **Cleaning:** Wipe the exterior of the device with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the device is off and disconnected from power before cleaning.
- **Storage:** Store the inflator in a cool, dry place, away from direct sunlight and extreme temperatures. Keep it out of reach of children.
- **Battery Care:** To prolong battery life, fully charge the device before long-term storage and recharge it every 3-6 months if not in use. Avoid completely draining the battery frequently.
- **Nozzle Care:** Keep nozzles clean and free of debris to ensure proper air flow.

## 8. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Device does not turn on.	Low battery or no charge.	Charge the device fully.
Inflator stops prematurely.	Preset pressure reached; Auto-shutoff activated.	This is normal operation. Check if the desired pressure is achieved.
Inflator not pumping air.	Air hose or nozzle not securely connected.	Ensure all connections are tight.

Problem	Possible Cause	Solution
Inaccurate pressure reading.	Poor connection to valve stem.	Ensure the air hose is firmly attached to the valve stem without leaks.
Device overheats.	Continuous use for too long.	Allow the device to cool down for at least 10 minutes after 10 minutes of use.

## 9. SPECIFICATIONS

Feature	Detail
Model Number	ATJ-6988
Brand	VacLife
Max Pressure	150 PSI
Airflow Rate	20 L/min
Battery Capacity	3 x 2,000mAh Lithium Ion batteries (6,000mAh total)
Charging Time	Approx. 3-4 hours
Continuous Working Time	Approx. 20 minutes (after full charge)
Noise Level	80 dB
Product Dimensions	7.01 x 5.21 x 16.61 cm
Item Weight	558 g
Power Source	Battery Powered
Voltage	12 Volts
Special Features	Portable, Cordless, LED Digital Display, Auto Shutoff, LED Light (Flash, Alarm, SOS)

## 10. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support or inquiries, please visit the official VacLife website or contact their customer service department. Keep your purchase receipt as proof of purchase for warranty claims.

## Related Documents - ATJ-6988

	<p><a href="#">VacLife VL701 Tire Inflator User Manual</a></p> <p>Comprehensive user manual for the VacLife VL701 portable tire inflator. Learn about product features, operating instructions, troubleshooting, and warranty information for safe and effective use.</p>
	<p><a href="#">AstroAI ATJ-8366 Multifunctional Air Compressor User Manual</a></p> <p>Comprehensive user manual for the AstroAI ATJ-8366 Multifunctional Air Compressor, detailing features, instructions for tire mode and large-volume mode, troubleshooting, specifications, and warranty information. Supports AC/DC power and inflates various items like car tires, motorcycles, and bicycles.</p>
	<p><a href="#">VacLife VL701 Tire Inflator User Manual</a></p> <p>User manual for the VacLife VL701 Tire Inflator, including safety precautions, product details, operating instructions, troubleshooting, and warranty information.</p>
	<p><a href="#">AstroAI ATJ-8366 Multifunctional Portable Air Compressor User Manual</a></p> <p>User manual for the AstroAI ATJ-8366 AC/DC Multifunctional Portable Air Compressor, detailing features, instructions, troubleshooting, and specifications for safe and effective use.</p>
	<p><a href="#">VXSCAN ATJ-8766 Portable Air Compressor User Guide</a></p> <p>Comprehensive user guide for the VXSCAN ATJ-8766 portable tire inflator. Learn to use this 150 PSI fast-inflation air pump for cars, motorcycles, bikes, balls, and balloons, featuring a 15000mAh battery and 12V DC power.</p>
	<p><a href="#">VacLife VL768 Tire Inflator User Manual</a></p> <p>User manual for the VacLife VL768 tire inflator, covering safety instructions, technical parameters, product description, charging, operation, troubleshooting, and warranty information.</p>

Documents - VacLife – ATJ-6988

**VACLIFE**  
TIRE INFLATOR  
USER MANUAL



**VL768**

THANK YOU FOR YOUR PREFERENCE FOR VACLIFE  
If you have any problems with our product, please feel free to contact us.  
support@vaclife.com

[\[pdf\]](#) User Manual

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