

WindGallop LD-18

WindGallop Portable Air Compressor Instruction Manual

Model: LD-18

1. INTRODUCTION

Thank you for purchasing the WindGallop Portable Air Compressor. This manual provides important information for the safe and efficient operation of your new device. Please read it thoroughly before use and keep it for future reference.

2. SAFETY INFORMATION

Please observe the following safety precautions:

- This air pump is designed for small cars, NOT suitable for large vehicles like ATV, pickup trucks, and tires of vehicles with large displacement.
- To keep the air flow uninterrupted, do not stop during usage.
- The operator should not leave the compressor during inflation.
- If the compressor has been used for over 10 minutes, please shut it off and let it cool down for 20 minutes before re-using.
- Ensure the car battery has enough power before starting the compressor.
- Do not touch the air hose after inflation, as it may be hot.

Always ensure proper ventilation during operation.

3. PACKAGE CONTENTS

The package should contain the following items:

- 1 x WindGallop Portable Air Compressor (Model LD-18)
- 1 x Inflatable tube (air hose)
- 1 x 12V car plug (power cable)
- 3 x Additional nozzles (for various inflatables)
- 1 x Spare fuse
- 1 x User Manual



Image: WindGallop Portable Air Compressor with included accessories like nozzles and power cable.

4. PRODUCT OVERVIEW

4.1 Components and Controls

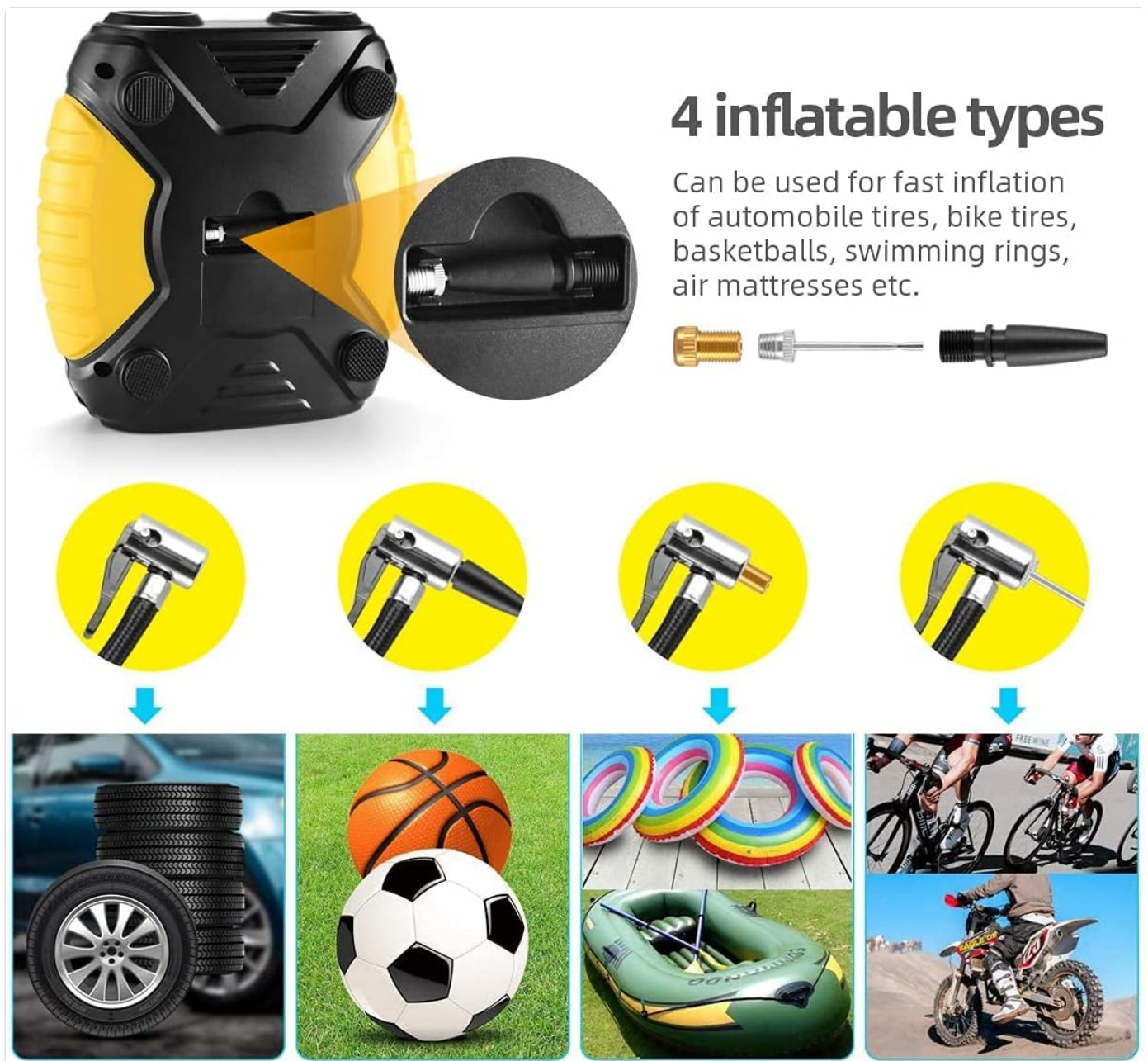


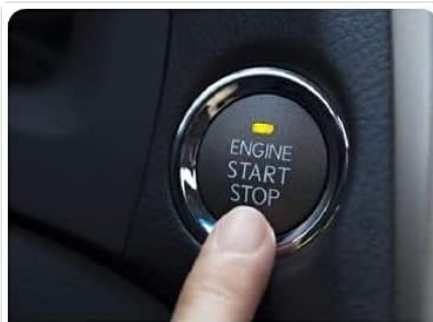
Image: Front view of the air compressor with key components labeled.

- **Digital LCD Display:** Shows current pressure and allows unit switching (KPA/BAR/PSI/KG/CM²).
- **ON/OFF Button:** Powers the unit on/off and starts/stops inflation.
- **"LED" Button:** Controls the built-in LED light (flashlight and SOS red light).
- **"+" Button:** Increases the preset pressure value.
- **"-" Button:** Decreases the preset pressure value.
- **"M" Button:** Switches between pressure units.
- **Inflatable Tube:** Connects to the tire valve.
- **12V Car Plug:** Connects to the vehicle's cigarette lighter socket.
- **7 LED Lamp Beads:** Provide illumination.
- **Shockproof Mat:** Located on the bottom for stability.
- **Additional Nozzles:** Stored within the unit for various inflation needs.

5. SETUP

1. **Start the Car Engine:** Ensure your vehicle's engine is running to provide stable power to the compressor.
2. **Plug in Power:** Insert the 12V car plug into your vehicle's cigarette lighter socket.

3. **Connect Air Hose:** Connect the inflatable tube tightly to the tire valve. Press the buckle to secure the connection.



1 Start the car engine



2 Plug the power connector into the cigarette lighter



3 Connect the air hose nozzle tightly with tire valve, press the buckle



4 Preset the tire pressure value you need



5 Press the on/off button to start inflating. The inflator will auto off once met preset pressure



6 Disconnect the air hose nozzle and pull out the power plug from socket

How to change the fuse



Image: Visual guide for connecting the compressor to a car tire and power source.

6. OPERATING INSTRUCTIONS

6.1 Inflating a Tire

1. After connecting the air hose to the tire valve, the digital display will show the current tire pressure.
2. Press the "M" button to select your desired pressure unit (PSI, BAR, KPA, KG/CM²).
3. Use the "+" and "-" buttons to set the target tire pressure.
4. Press the ON/OFF button to start inflation. The compressor will automatically shut off once the preset pressure is reached.
5. Disconnect the air hose nozzle and pull out the power plug from the socket.



Perfect Storage & Hassle-Free

10ft long power cord can be easily put into tailor-made groove without mess



Image: The air compressor in use, inflating a car tire.

6.2 Using the LED Light

Press the "LED" button to cycle through the light modes:

- First press: Turns on the white flashlight.
- Second press: Activates the red flashing SOS distress signal.
- Third press: Turns off the light.



**Fast Inflation Time
Only 4 Minutes 48
Seconds**

With two LED lighting headlights, switch red light double flash for SOS distress signal

4 min 48 s
Fast inflation time



Image: Depiction of the air compressor's LED light functioning as a flashlight and an SOS signal.

6.3 Inflating Other Items

The compressor comes with 3 additional nozzles for various inflation needs:

- **Needle Nozzle:** For sports balls (basketballs, soccer balls, etc.).
- **Tapered Nozzle:** For inflatable toys, air beds, swimming rings, etc.
- **Presta Valve Adapter:** For certain bicycle tires (if applicable, though the product description focuses on car/SUP).

Select the appropriate nozzle, attach it to the air hose, and follow the inflation steps as described for tires, adjusting the pressure as needed for the specific item.

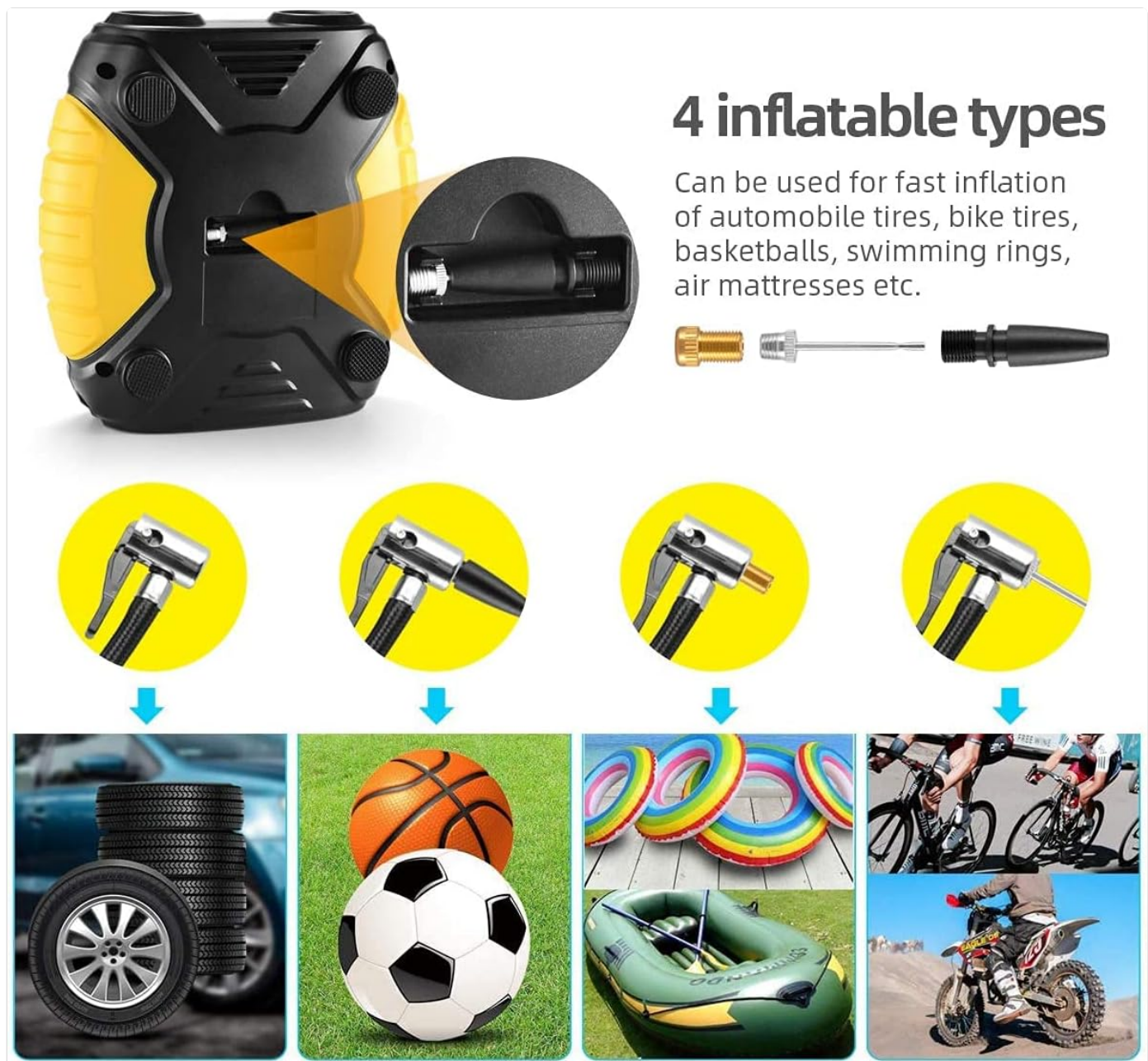


Image: The air compressor shown with different adapters for inflating various items like car tires, balls, and inflatable boats.

6.4 Video Demonstration

No official product demonstration videos from the seller are available at this time.

7. MAINTENANCE

- **Cleaning:** Wipe the compressor with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the compressor in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the hose and cable are neatly stored in their designated compartments to prevent damage.
- **Fuse Replacement:** If the compressor stops working, the fuse may need replacement. The spare fuse is located inside the 12V car plug. Unscrew the tip of the plug to access and replace the fuse.



1

Start the car engine



2

Plug the power connector into the cigarette lighter



3

Connect the air hose nozzle tightly with tire valve, press the buckle



4

Preset the tire pressure value you need



5

Press the on/off button to start inflating. The inflator will auto off once met preset pressure



6

Disconnet the air hose nozzle and pull out the power plug from socket

How to change the fuse



Image: Instructions on how to change the fuse located within the 12V car plug.

3 Digital Operation

TPMS/Preset tire pressure/auto shutoff



Image: The air compressor demonstrating its compact storage for the hose and power cable.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Compressor does not turn on.	No power from cigarette lighter socket; Blown fuse; Loose connection.	Check vehicle's cigarette lighter fuse; Replace compressor's fuse; Ensure plug is securely inserted.
Inflation is slow or not reaching desired pressure.	Air hose not securely connected; Leak in hose or valve; Compressor overheating.	Ensure tight connection to valve; Check hose for damage; Allow compressor to cool down for 20 minutes.
Inaccurate PSI reading.	Sensor calibration; External factors.	While the unit is generally accurate, minor discrepancies can occur. If consistent, note the offset and adjust target pressure accordingly. Use a separate, calibrated gauge for critical applications.

Problem	Possible Cause	Solution
Compressor overheats and shuts off.	Continuous operation for too long.	Allow the compressor to cool down for at least 20 minutes after 10 minutes of continuous use.

9. SPECIFICATIONS

Feature	Detail
Model Name	LD-18 (2301)
Brand	WindGallop
Rating Power	120W
Rating Voltage	DC-12V
Max. Current	15A
Maximum Pressure	≤120 PSI
Hose Length	500 ± 20mm (approx. 1.64 ft)
Cable Length	3000 ± 100mm (approx. 9.84 ft)
Ambient Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Product Dimensions (LxWxH)	7.17"L x 2.95"W x 7.28"H (165x170x63mm)
Net Weight	750 Grams (0.75 kg)
Noise Level	75 dB

10. WARRANTY AND SUPPORT

The WindGallop Portable Air Compressor comes with a **1-year warranty** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

For technical support, warranty claims, or general inquiries, please contact WindGallop customer service:

Email: windgallop@163.com

Manufacturer: Dongguan Lingdu Industrial Co., Ltd.

Responsible Person: Peter Chen

Manufacturer Address: No. 5 Yongchang Road, Dongshan, Qishi Town, Dongguan City, Guangdong Province, China

For UK customers, you may also contact:

UK REP: KOVA ASSOCIATES LTD

Address: 72a Kingston Road, Portsmouth, Hampshire, PO2 7PA, United Kingdom

Responsible Person: Louisa Timms

Tel: 0044 (0) 23 8097 0315

E-mail: KOVA.Compliance@outlook.com

For EU customers, you may also contact:

EU Representative: Like Sun GmbH
Address: Planckstr. 59, 45147 Essen, Nordrhein-Westfalen, Germany
Responsible Person: Li Ke
Tel: +49 471 39156605
E-mail: ec-connection@web.de

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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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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.

Submit question