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Einhell CC-AC 12V

Einhell CC-AC 12V Car Compressor

Instruction Manual

Model: CC-AC 12V | Brand: Einhell

1. Introduction

Thank you for choosing the Einhell CC-AC 12V Car Compressor. This portable compressor is designed for inflating car tires, bicycle tires, balls, and small inflatable items. It operates on a 12V DC power supply, typically from a car's cigarette lighter socket. Please read this manual carefully before using the device to ensure safe and efficient operation.

2. Safety Instructions

- Always ensure the vehicle engine is running when using the compressor to avoid draining the car battery.
- Do not operate the compressor continuously for more than 10 minutes. Allow it to cool down for at least 20 minutes after each use to prevent overheating.
- Keep the compressor away from children and pets.
- Do not expose the compressor to rain or moisture.
- Never point the air nozzle at people or animals.
- Always check the recommended pressure for the item being inflated to avoid over-inflation, which can cause damage or injury.
- Ensure all connections are secure before operating.
- Store the compressor in a dry, safe place when not in use.

3. Package Contents

Verify that all items listed below are present in your package:

- 1 x Einhell CC-AC 12V Compressor
- 1 x Extra Long Cable (2.9 m) with 12V Car Plug
- 1 x Compression Hose with Tyre Valve Connector (Dunlop valve compatible)

- 3 x Adapters (for buoy, mattress, and balloon/ball inflation)



Figure 3.1: Compressor with included adapters for various inflation needs.

4. Product Overview

The Einhell CC-AC 12V compressor is a compact and powerful device for on-the-go inflation. Key components include:

- **Compressor Unit:** The main body housing the motor.
- **Manometer (Pressure Gauge):** Displays pressure in Bar, kg/cm², and PSI.
- **Inflation Hose:** Connects to the item being inflated.
- **12V Car Plug:** For power connection to a vehicle's cigarette lighter socket.
- **Adapters:** For various inflation applications.



Figure 4.1: Front view of the Einhell CC-AC 12V Car Compressor.



Figure 4.2: Detailed view of the integrated manometer.



Figure 4.3: The 12V car plug for power connection.

5. Setup

1. Ensure your vehicle's engine is running to provide stable power and prevent battery drain.
2. Insert the 12V car plug into your vehicle's cigarette lighter socket.
3. Uncoil the compression hose and prepare the appropriate adapter if needed.

6. Operating Instructions

6.1. Inflating Car Tires

1. Remove the valve cap from the tire.
2. Screw the compressor's tire valve connector securely onto the tire valve. Ensure a tight seal to prevent air leakage.
3. Turn on the compressor. The manometer will display the current tire pressure.

4. Monitor the manometer closely. Once the desired pressure is reached (refer to your vehicle's manual or tire sidewall for recommended pressure), turn off the compressor.
5. Quickly unscrew the connector from the tire valve and replace the valve cap.



Figure 6.1: Inflating a car tire with the compressor.

6.2. Inflating Other Items (Balls, Inflatables)

1. Select the appropriate adapter for the item you wish to inflate.
2. Attach the chosen adapter securely to the compressor's inflation hose.
3. Insert the adapter into the item's valve.
4. Turn on the compressor and inflate to the recommended pressure. Be cautious not to over-inflate, especially with smaller items.
5. Turn off the compressor and remove the adapter.

7. Maintenance

- **Cleaning:** Wipe the compressor's exterior with a 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 coiled to prevent damage.
- **Inspection:** Periodically check the hose, cable, and connectors for any signs of wear or damage. Do not use if damaged.

8. Troubleshooting

- **Compressor does not turn on:**
  - Check if the 12V car plug is fully inserted into the socket.
  - Ensure the vehicle's engine is running.
  - Check the vehicle's fuse for the cigarette lighter socket.
- **Slow inflation or no air output:**
  - Ensure the hose connection to the tire/item is secure and not leaking air.
  - Check the hose for kinks or blockages.
  - Verify the correct adapter is being used and is properly attached.
- **Compressor overheats:**
  - Turn off the compressor immediately and allow it to cool down for at least 20 minutes.
  - Avoid continuous operation beyond the recommended 10-minute limit.

9. Specifications

Feature	Specification
Brand	Einhell
Model Name	CC-AC 12V
Voltage	12 Volts DC
Maximum Operating Pressure	18 Bar (250 PSI)
Recommended Uses	Tire Inflation
Power Source	Air propulsion (via 12V car socket)
Noise Level	95 dB
Hose Length	2.9 Meters
Included Components	1 Compressor, Extra Long Cable 2.9 m, Compression Hose with Tyre Valve, 3 Adapters (Buoy, Mattress, and Balloon)
Item Weight	0.68 Kilograms (1.5 pounds)
Product Dimensions	3.66 x 5.51 x 7.68 inches



Figure 9.1: Maximum operating pressure indication.

10. Warranty and Support

For warranty information and customer support, please refer to the documentation provided with your purchase or contact Einhell customer service directly. Keep your proof of purchase for any warranty claims.
For further assistance, visit the official Einhell website or contact their support channels.

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