Greteefor CS6-Pro

Greteefor PCP Air Compressor CS6-Pro Instruction Manual

Model: CS6-Pro | Brand: Greteefor

1. Important Safety Information

Read all safety warnings and instructions carefully before operating this PCP air compressor. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- **Pressure Limits:** Do not exceed 300 bar / 4500 PSI. Always monitor pressure during use.
- **Temperature Monitoring:** The LED temperature display allows real-time monitoring. The unit has auto shut-off protection at 80°C.
- **Continuous Use:** The compressor will automatically shut off after 30 minutes of continuous use to prevent overheating. Allow the unit to cool down before restarting.
- **Pressure Release:** Always close the tank valve before releasing pressure from the compressor. Ensure the unit is completely depressurized before disconnecting any hoses.
- **Burst Discs:** Includes five burst disc valves for added safety, preventing overpressure risks.
- **Maximum Tank Size:** Note: Maximum tank size is 90ci/1.5L.

2. Product Overview

The Greteefor CS6-Pro PCP Air Compressor is a portable, high-performance unit designed for inflating PCP air rifles, paintball tanks, air pistols, and mini scuba tanks. It features a 350W motor, dual cooling fans, and an integrated oil-water separator for clean air output.

Key Features:

- **Upgraded Performance:** 350W high-power motor for faster inflation.
- **Efficient Cooling:** Dual cooling fans and multiple ventilation outlets for effective heat dissipation.
- **Advanced Safety:** Adjustable pressure settings with auto-stop, LED temperature display, and auto shut-off at 80°C

or after 30 minutes. Includes burst disc valves.

- **Clean Air Output:** Built-in oil-water separator and high-efficiency sponge filter.
- **Dual Power Options:** Supports 12V DC car battery and 110V/220V AC power with a built-in 600W power adapter.
- **Portability:** Weighs 19 lbs, compact and easy to carry.

Component Identification:

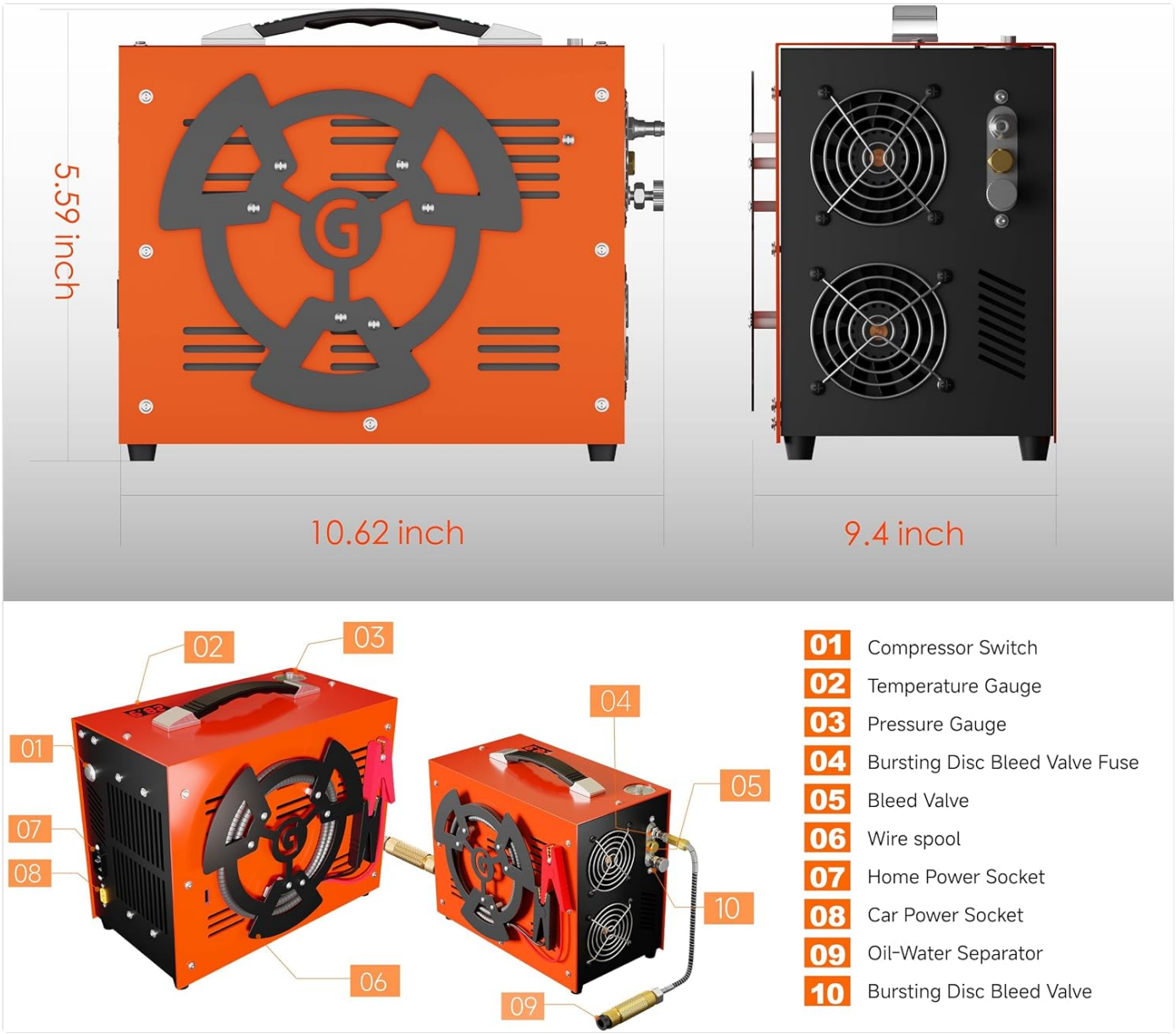


Figure 1: Overview of the Greteefor CS6-Pro PCP Air Compressor with labeled components. Key features include the compressor switch, temperature gauge, pressure gauge, bursting disc bleed valve fuse, bleed valve, wire spool, home power socket, car power socket, oil-water separator, and bursting disc bleed valve.

3. Setup Instructions

1. **Connect Air Hose:**
   Connect one end of the air hose to the air compressor's output port and the other end to your PCP airgun or tank. Ensure the connection is secure. Tighten the bleed valve clockwise.



Figure 2: Visual guide for connecting the air hose to the compressor and the airgun/tank, and setting the desired pressure.

2. **Set Desired Pressure:**
   Adjust the pressure gauge to your desired PSI setting. The compressor's auto-stop feature will automatically shut off when the desired pressure is reached. Maximum Pressure: 4500 PSI / 30 MPa.



Figure 3: The compressor's control panel displaying the LED temperature and the pressure gauge with auto-stop setting.

3. **Power Connection:**
   The compressor supports dual power options: 12V DC car battery or 110V/220V AC power. Use the appropriate power adapter and connect it to the unit.
   For AC power, ensure the voltage switch on the power supply is set correctly (110V or 220V) before plugging into a wall outlet.



Figure 4: The compressor's built-in 600W power adapter, illustrating its versatility for both AC and DC power connections.

4. **Water Tank and Grease Pot:**
   Locate the water tank and grease pot on the top of the unit. Fill the water tank with clean water for cooling and ensure the grease pot is adequately filled for lubrication as per the manufacturer's guidelines. These are crucial for the compressor's longevity and performance.

4. Operating Instructions

1. **Start Inflation:**
   Once all connections are secure and the desired pressure is set, turn on the main power switch. Then, press the START button to begin the inflation process. The cooling fan will automatically start to cool the system.

Your browser does not support the video tag.

Video 1: This video demonstrates the setup and initial operation of a similar Greteefor PCP Air Compressor (Model CS5-A), including connecting the air hose, setting pressure, and starting the inflation process. The general steps apply to the CS6-Pro model.

2. **Monitor Progress:**
   Observe the pressure gauge and LED temperature display. The compressor will automatically stop once the preset pressure is reached or if the temperature exceeds 80°C.

3. **Complete Inflation:**
   After the compressor stops, power down the unit by pressing the OFF button and then turning off the main power switch. Rotate the bleed screw clockwise to vent air, then counter-clockwise to secure, and subsequently disconnect the air hose.

5. Maintenance

- **Filter Replacement:** The built-in oil-water separator and high-efficiency sponge filter ensure clean, dry high-pressure air. Regularly check and replace filters as needed to maintain optimal performance.
- **O-Rings and Seals:** The unit comes with extra O-rings and seals. Inspect connections periodically and replace worn seals to prevent leaks.
- **Cooling System:** Ensure the cooling fans and ventilation outlets are free from obstructions to allow for proper heat dissipation. Regularly check water levels in the cooling tank.
- **Storage:** Store the compressor in a dry, clean environment when not in use.

6. Specifications

Feature	Detail
Brand	Greteefor
Model Number	PCPKYJ-02 (CS6-Pro)
Maximum Power	350 Watts
Maximum Pressure	4500 PSI / 30 MPa
Power Source	Corded Electric (12V DC, 110V AC, 220V AC)
Voltage	12 Volts (DC)
Product Dimensions	38.1L x 30.5W x 25.4H Centimetres
Item Weight	9.34 kg (19 lbs)
Special Features	AC & DC Adaptable, Auto-Stop Function, LED Temperature Display, Built-in Cooling Fan, Oil-Water Separator
Included Components	PCP Air Compressor, Filling Hose, Power Adapter (for DC), AC Power Cord, Spare O-rings and Seals

7. Troubleshooting

- **Compressor Not Starting:**
  - Ensure power connections are secure and the unit is receiving power (check LED display).
  - Verify the main power switch is in the "ON" position and the START button has been pressed.
  - If using AC power, confirm the 110V/220V switch on the power supply is correctly set.
- **Slow Inflation:**
  - Check for any leaks in the air hose connections.
  - Ensure filters are clean and not obstructed.
  - Verify the air bleed valve is fully closed.
- **Compressor Overheating:**
  - Ensure cooling fans are operating and not obstructed.
  - Allow the unit to cool down if the LED temperature display shows high readings or if it auto-shuts off due to temperature.
  - Do not operate for more than 30 minutes continuously.
- **Pressure Not Building:**
  - Check all air connections for tightness.
  - Ensure the bleed valve is completely closed.
  - Verify the airgun/tank valve is open.

8. Warranty and Support

The Greteefor CS6-Pro PCP Air Compressor is backed by a **1-year warranty**. For any questions, technical assistance, or warranty claims, please contact our customer support team.
Customer Support: Available 24/7 for your peace of mind.
Please refer to the contact information provided with your purchase or visit the official Greteefor website for support details.

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