

## NUOGE SLCRDQJ

# NUOGE PCP Air Compressor 350W with Water and Fan Cooling - User Manual

Brand: NUOGE | Model: SLCRDQJ

## 1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient use of your NUOGE PCP Air Compressor 350W. This compressor is designed to deliver high-pressure compressed air, featuring a powerful 350W motor, a maximum pressure capacity of 4500Psi/5800Psi/400bar, and an efficient dual cooling system (water and fan). It supports both 12V and 110V power inputs and includes an auto-stop function for enhanced safety and convenience. Please read this manual thoroughly before operating the device.

## 2. SAFETY INFORMATION

**WARNING: Failure to follow these safety instructions may result in serious injury or property damage.**

- Always read and understand the entire manual before operation.
- Wear appropriate personal protective equipment, including eye protection, during operation.
- Operate the compressor in a well-ventilated area to prevent heat buildup.
- Ensure all connections are secure before starting the compressor.
- Do not exceed the maximum rated pressure of the compressor or the device being filled.
- Never leave the compressor unattended during operation.
- Keep children and unauthorized personnel away from the compressor.
- Disconnect power before performing any maintenance or cleaning.
- Do not operate the compressor if it is damaged or malfunctioning.
- Ensure proper coolant levels are maintained for water cooling models.

## 3. PRODUCT OVERVIEW

The NUOGE PCP Air Compressor 350W is a robust and portable unit designed for various high-pressure air applications, particularly for PCP air rifles. Its key features include:

- **Powerful 350W Motor:** Provides efficient and rapid air compression.
- **High Pressure Capability:** Achieves up to 4500PSI, 5800PSI, or 400 Bar, suitable for diverse applications.
- **Efficient Dual Cooling System:** Utilizes both water and fan cooling to maintain optimal operating temperature and prevent overheating.
- **Versatile Power Options:** Operates on both 12V (DC) and 110V (AC) power sources, offering flexibility for different environments.
- **Auto-Stop Function:** Automatically stops the compressor when the desired pressure is reached, enhancing safety and convenience.

## FAST HEAT DISSIPATION

Unscrew the tank unit.



Inject coolant

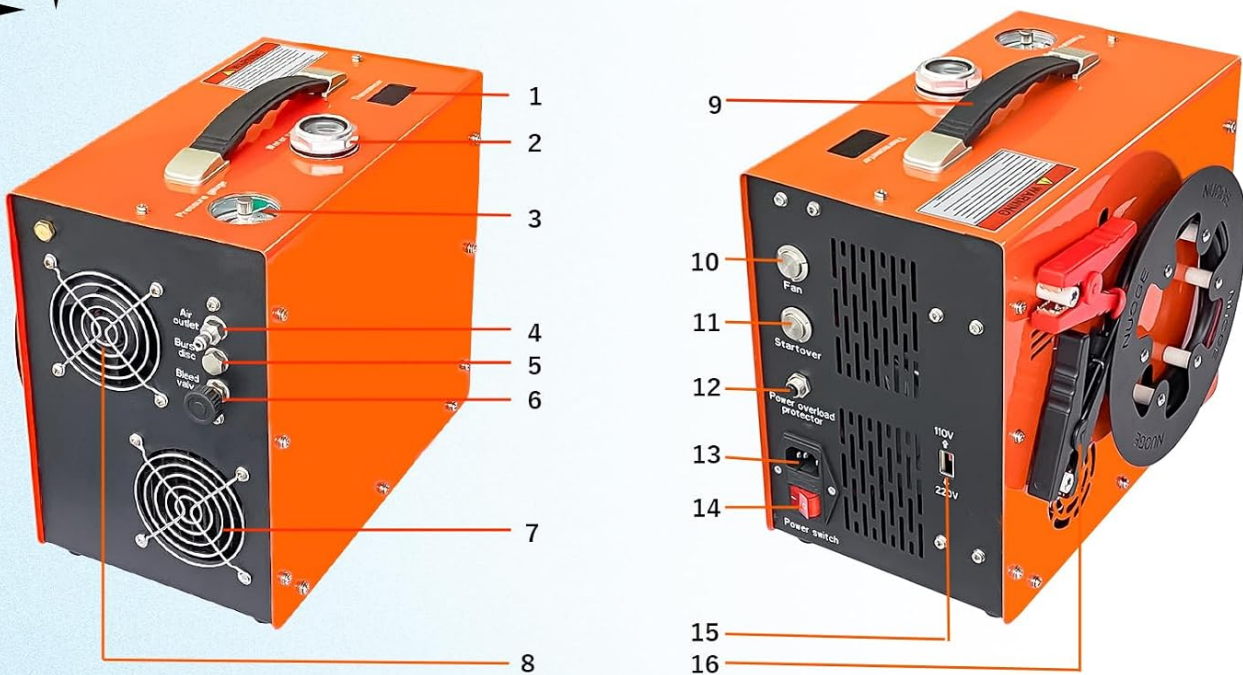
**Before use, a coolant charge is required to ensure effective cooling of the compressor during operation.**

Image: The NUOGE PCP Air Compressor, showcasing its design and key features like durable construction, easy operation, auto-stopping, and dual cooling system.

### Main Components

Familiarize yourself with the main components of the compressor:

# MAIN COMPONENTS



|                      |                  |                           |                                         |
|----------------------|------------------|---------------------------|-----------------------------------------|
| 1. Thermometer       | 2. Water tank    | 3. Pressure gauge         | 4. Air Output                           |
| 5. Burst disc        | 6. Bleed valve   | 7. Water Cooling Radiator | 8. Fan Cooling Vents                    |
| 9. Carry handle      | 10. Fan button   | 11. Start over            | 12. Power overload protector            |
| 13. Power cable port | 14. Power switch | 15. Voltage converter     | 16. Vehicle power supply alligator clip |

Image: Main components of the NUOGE PCP Air Compressor. Key parts are numbered for easy identification.

| No. | Component              |
|-----|------------------------|
| 1.  | Thermometer            |
| 2.  | Water tank             |
| 3.  | Pressure gauge         |
| 4.  | Air Output             |
| 5.  | Burst disc             |
| 6.  | Bleed valve            |
| 7.  | Water Cooling Radiator |
| 8.  | Fan Cooling Vents      |

| No. | Component                           |
|-----|-------------------------------------|
| 9.  | Carry handle                        |
| 10. | Fan button                          |
| 11. | Start over (Reset)                  |
| 12. | Power overload protector            |
| 13. | Power cable port                    |
| 14. | Power switch                        |
| 15. | Voltage converter                   |
| 16. | Vehicle power supply alligator clip |

## 4. SETUP

### 4.1. Coolant Filling (Water Cooling)

Before initial use, or if the coolant level is low, ensure the water tank is filled to the appropriate level. This is crucial for effective cooling during operation.

1. Locate the water tank unit on the compressor.
2. Unscrew the cap of the water tank.
3. Carefully inject coolant (distilled water or recommended coolant) into the tank until it reaches the indicated fill line.
4. Securely screw the cap back onto the water tank.

# NEW UPGRADED AIR COMPRESSOR



Durable long-lasting



Easy operation



Auto stoping



Dual cooling system



Image: Steps for filling the coolant tank. Unscrew the tank unit and inject coolant to ensure effective cooling.

## 4.2. Power Connection

The compressor supports both 12V DC and 110V AC power sources.

- **For 110V AC (Home Power Supply):**

1. Connect the provided power cord to the power cable port (13) on the compressor.
2. Plug the other end of the power cord into a standard 110V AC wall outlet.

- **For 12V DC (Automotive Power Supply):**

1. Connect the vehicle power supply alligator clips (16) to the corresponding terminals on a 12V car battery (red to positive, black to negative).
2. Ensure the connection is secure and polarity is correct.

# CONVENIENT POWER SUPPLY

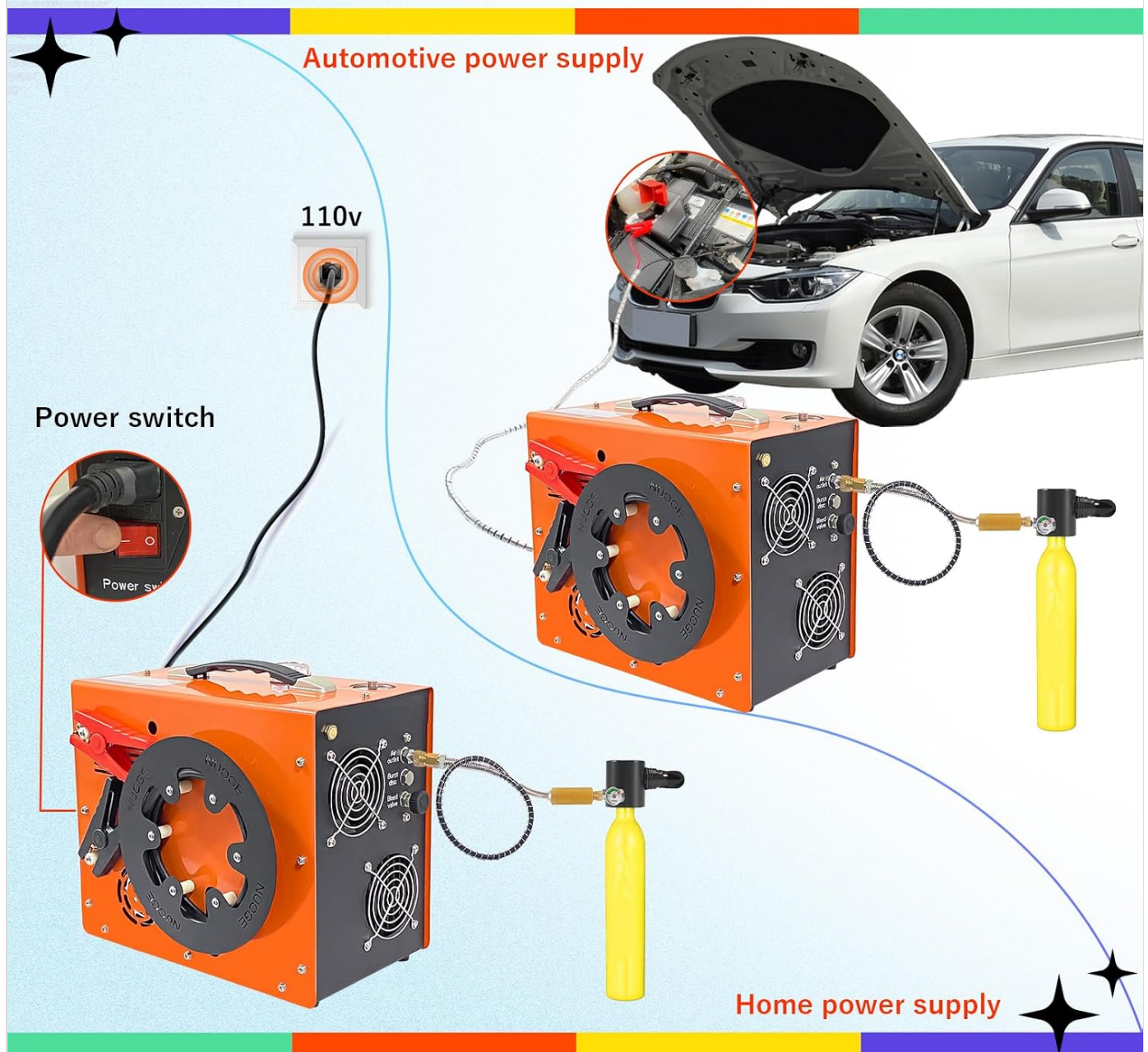


Image: Power supply options for the compressor, showing connections for both 110V household outlets and 12V car batteries.

## 4.3. Connecting to Air Device

Connect the air output hose from the compressor to the device you intend to fill (e.g., PCP air rifle, air tank). Ensure the connection is tight to prevent air leaks.

## 5. OPERATING INSTRUCTIONS

1. **Preparation:** Ensure the compressor is set up correctly, coolant is at the proper level, and the air device is securely connected.
2. **Power On:** Flip the Power switch (14) to the "ON" position. The compressor's fan should start operating.
3. **Set Pressure (if applicable):** If your model has a pressure setting, adjust it to the desired PSI/Bar. The auto-stop function will halt compression once this pressure is reached.
4. **Start Compression:** Press the Start button (if separate from power switch, otherwise it starts with power). Monitor the Pressure gauge (3) to observe the pressure increase.

5. **Monitor Temperature:** Keep an eye on the Thermometer (1) to ensure the compressor does not overheat. The dual cooling system (water and fan) will work to maintain optimal temperature.
6. **Auto-Stop:** The compressor will automatically stop once the target pressure is achieved.
7. **Manual Stop:** To stop compression manually, flip the Power switch (14) to the "OFF" position.
8. **Bleed Air:** After compression, slowly open the Bleed valve (6) to release residual pressure from the hose before disconnecting the air device.
9. **Disconnect:** Once pressure is released, disconnect the air output hose from your device.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your compressor.

- **Coolant Level:** Regularly check the coolant level in the water tank (2) and refill as needed. Replace coolant periodically according to manufacturer recommendations (typically every few months depending on usage).
- **Cleaning:** Keep the exterior of the compressor clean. Ensure the Fan Cooling Vents (8) are free from dust and debris to allow for efficient airflow.
- **Connections:** Periodically inspect all hoses and connections for wear, damage, or leaks. Replace any damaged components immediately.
- **Storage:** Store the compressor in a dry, clean environment when not in use.

## 7. TROUBLESHOOTING

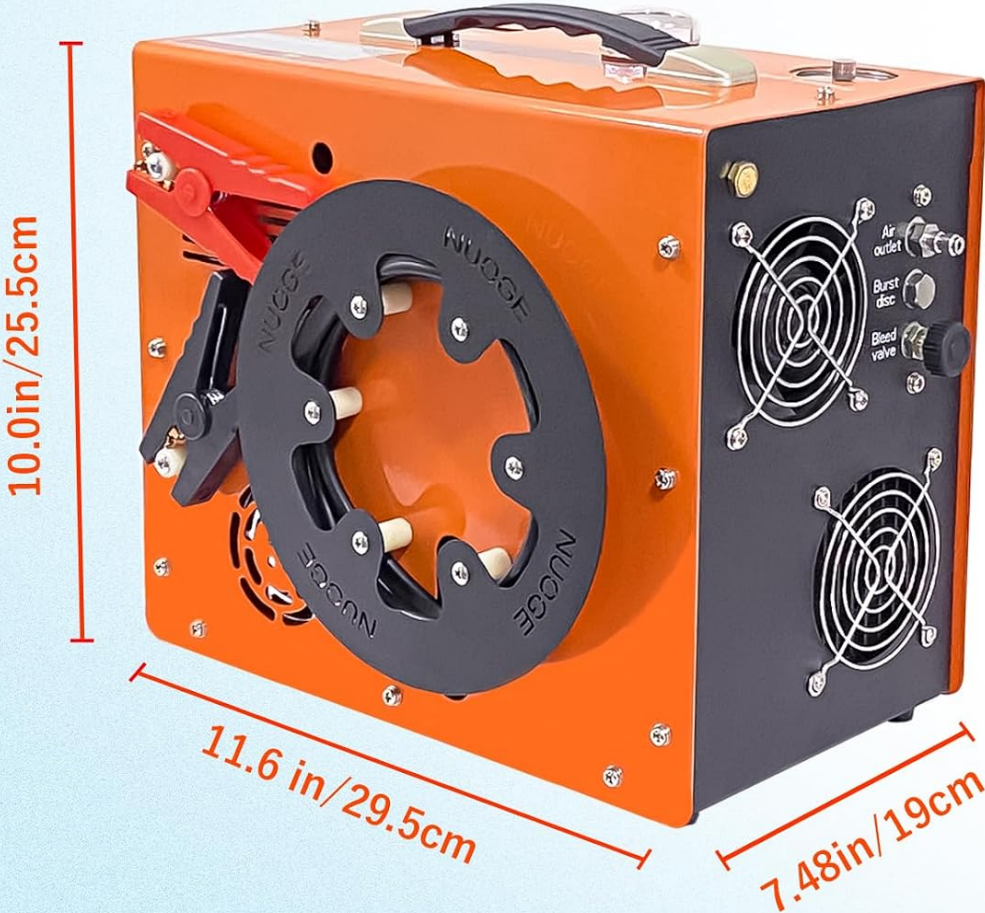
| Problem                                 | Possible Cause                                                               | Solution                                                                               |
|-----------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| Compressor does not turn on.            | No power supply; Power switch is OFF; Overload protector tripped.            | Check power connection; Ensure switch is ON; Reset Power overload protector (12).      |
| Compressor runs but no pressure builds. | Air leak in connections; Bleed valve (6) is open; Faulty check valve.        | Tighten all connections; Close bleed valve; Contact support for service.               |
| Compressor overheats quickly.           | Low coolant level; Blocked fan vents (8); Extended operation without breaks. | Check and refill coolant; Clean fan vents; Allow compressor to cool down between uses. |
| Auto-stop not functioning.              | Pressure sensor malfunction; Incorrect pressure setting.                     | Verify pressure setting; Contact support for sensor issues.                            |

## 8. SPECIFICATIONS

| Feature      | Detail                     |
|--------------|----------------------------|
| Brand        | NUOGE                      |
| Model Number | SLCRDQJ                    |
| Power        | 350W                       |
| Voltage      | 12V DC / 110V AC           |
| Max Pressure | 4500Psi / 5800Psi / 400bar |

| Feature                | Detail                                                                |
|------------------------|-----------------------------------------------------------------------|
| Cooling System         | Water and Fan Cooling                                                 |
| Noise Level            | 70 dB                                                                 |
| Air Flow               | 7200 cubic centimeters/minute                                         |
| Hose Length            | 60 cm                                                                 |
| Material               | Metal                                                                 |
| Item Weight            | 12 pounds (approx. 5.44 kg)                                           |
| Dimensions (L x W x H) | 35.6 cm x 25.4 cm x 35.6 cm (approx. 14 x 10 x 14 inches)             |
| Special Features       | Fan Cooling, Built-in Power Supply, Water Cooling, Automatic Shut-off |

# PRODUCT SPECIFICATIONS



Size:11.6inx7.48inx10.0in  
The net weight is just 18.1lbs/8.25kg

Image: Product dimensions and net weight of the compressor.

## 9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact the retailer. Keep your purchase receipt as proof of purchase for any warranty claims.

For further assistance, please contact NUOGE customer service through their official channels or the platform where the product was purchased.

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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