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› TUXING 4500Psi PCP Air Compressor Instruction Manual

TUXING TXEDT033 / TXEDT032

TUXING 4500Psi PCP Air Compressor Instruction Manual

Model: TXEDT033 / TXEDT032

Brand: TUXING

1. INTRODUCTION AND OVERVIEW

This manual provides detailed instructions for the safe and efficient operation, setup, and maintenance of your TUXING 4500Psi PCP Air Compressor. This high-pressure air compressor is designed for filling PCP air rifles, paintball tanks, and small scuba diving tanks. It features a built-in water cooling system, fan cooling, auto-stop function, and an auto-purge system for optimal performance and air quality.

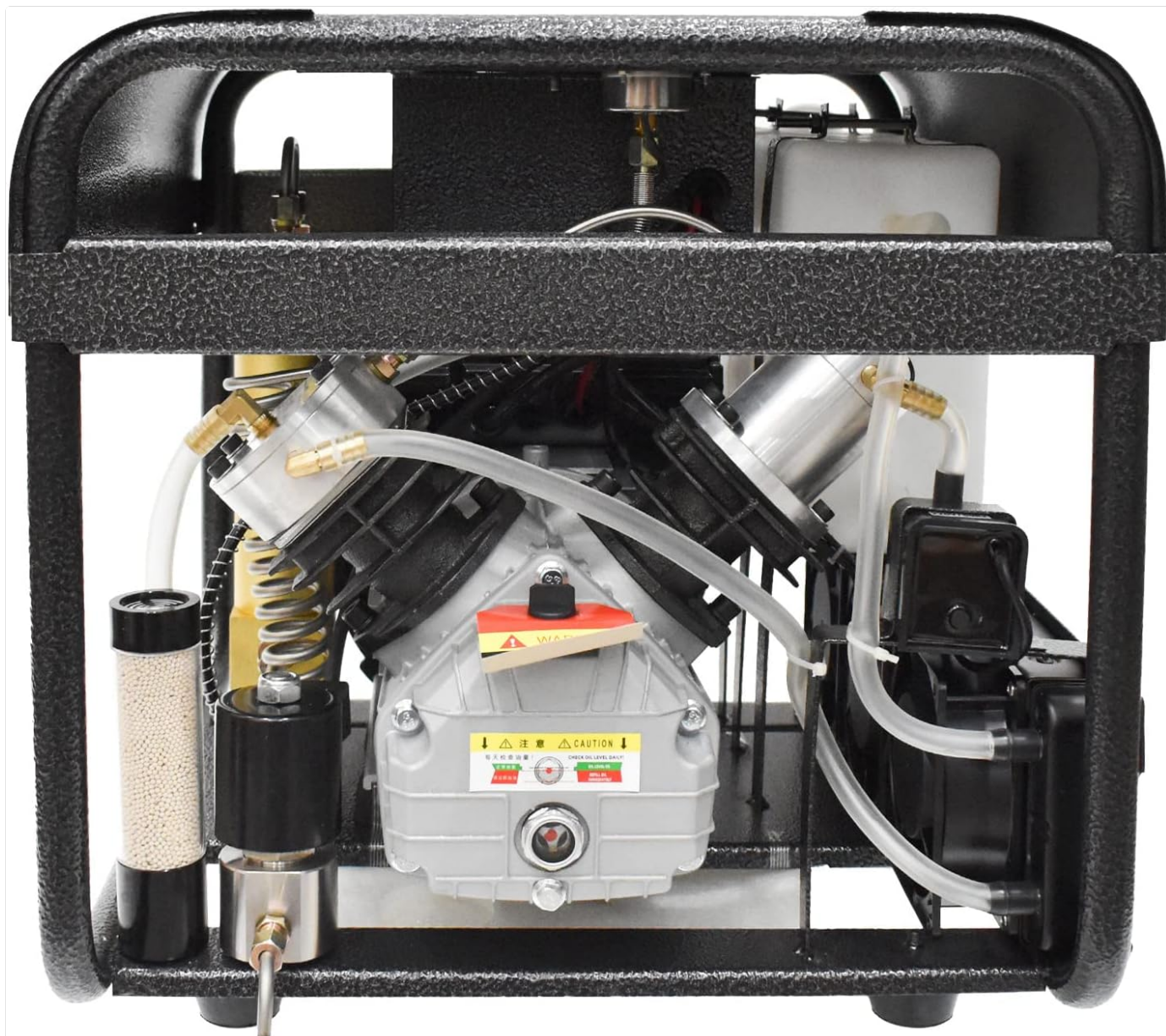


Figure 1: Front view of the TUXING 4500Psi PCP Air Compressor, showcasing its compact design and robust frame.

2. SAFETY INFORMATION

WARNING: Operating high-pressure equipment can be dangerous if proper safety precautions are not followed. Read and understand all instructions before use.

- Always operate the compressor in a well-ventilated area.
- Ensure the compressor is placed on a stable, level surface.
- Do not exceed the maximum rated pressure of 4500 PSI (300 BAR / 30 MPA) for any tank being filled.
- Always wear appropriate personal protective equipment (PPE), including eye protection, during operation.
- Keep children and pets away from the compressor during operation.
- Never touch hot surfaces of the compressor during or immediately after operation.
- Ensure all connections are secure and free of leaks before starting.
- Do not operate the compressor if any parts are damaged or missing.
- The compressor temperature should not exceed 85°C. Monitor the temperature gauge during operation.
- Do not run the compressor for more than 45 minutes continuously. Allow for cool-down periods.



Figure 2: The control panel of the compressor, featuring the pressure gauge, thermometer, and important warning labels for safe operation.

3. SETUP

Before first use, proper setup is essential for the compressor's longevity and safe operation.

3.1. Oil Filling

The compressor does not come with silicone oil due to transportation restrictions. You will need to prepare silicone oil separately.

1. Locate the oil cap on the compressor unit.
2. Remove the oil cap and replace it with the breathing rod (included).
3. Add silicone oil until the level reaches the red dot on the oil sight glass. Do not overfill.



Figure 3: Detailed view of the compressor unit, highlighting the oil fill point and the breathing rod installation.

3.2. Water Cooling System Setup

The compressor features a built-in water cooling system for efficient heat dissipation.

1. Locate the water tank and fill port.
2. Fill the water tank with clean water. Ensure the water pump is submerged.
3. Verify all water cooling hoses are securely connected and free of kinks or leaks.



Figure 4: Illustration of the built-in water cooling system, showing the 5L water tank and water pump.

3.3. Air Filter and Hose Connection

The compressor includes a filter along with the filling hose to ensure good air quality.

1. Connect the blue filter and filling hose to the compressor's air outlet.
2. Ensure all connections are tight to prevent air leakage.
3. Connect the other end of the filling hose to the tank you intend to fill.

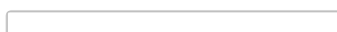


Figure 5: Diagram illustrating the dual filtration and molecular sieve filtration system for cleaner air output.

4. OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your TUXING air compressor.

1. Ensure all setup steps (oil, water, hose connections) are complete.
2. Plug the compressor into a suitable 110V power outlet.
3. Turn on the cooling system switch to ensure water circulation and fan operation. Verify the fan is working.
4. Turn on the compressor switch. The compressor will begin filling the connected tank.
5. Monitor the pressure gauge and the temperature display. The compressor features an auto-stop function that will halt operation once the set pressure is reached or if the temperature exceeds safe limits.
6. Do not exceed 300 Bar / 4500 PSI / 30 MPA filling pressure.

4.1. Shutdown Instructions

1. Once filling is complete or if you need to stop, turn off the compressor switch.
2. Allow the cooling system to run for a few minutes to cool down the unit.
3. Open the air release valve to depressurize the system.
4. Disconnect the filling hose from the tank.
5. Finally, turn off the cooling system switch and unplug the compressor.

Your browser does not support the video tag.

Video 1: Official TUXING demonstration video for the TXEDT032 PCP air compressor, showing setup and basic operation steps including oil filling, water cooling, and hose connection. This video provides a visual guide to the initial preparation and starting procedures.

5. MAINTENANCE

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

- **Oil Level:** Regularly check the oil level and refill as needed. Use only recommended silicone oil.
- **Water Cooling:** Ensure the water cooling system is always filled with clean water. Periodically drain and refill to prevent algae buildup or contamination.
- **Filters:** The compressor is equipped with filters for air quality. Inspect and replace filters as necessary to maintain clean air output.
- **Cleaning:** Keep the exterior of the compressor clean and free from dust and debris. Ensure cooling vents are not obstructed.
- **Storage:** When not in use, store the compressor in a dry, cool place, away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

This section provides general guidance for common issues. For complex problems, contact customer support.

Problem	Possible Cause	Solution
Compressor does not start	No power, switch off, or safety cut-off activated.	Check power connection, ensure switches are ON, allow unit to cool if overheated.
Low pressure output	Air leaks, clogged filter, or low oil.	Check all hose connections for leaks, inspect/replace air filter, check oil level.
Overheating	Insufficient water, fan not working, or prolonged operation.	Ensure water tank is full, check fan operation, allow compressor to cool down.
Unusual noise	Loose parts, low oil, or internal issue.	Inspect for loose components, check oil level, contact support if noise persists.

7. SPECIFICATIONS

Feature	Detail
Brand	TUXING
Model Name	TXEDT032 / TXEDT033
Voltage	110 Volts
Power Source	Corded Electric
Wattage	2.2 KW
Horsepower	2.2 Kilowatts
Noise Level	85 dB
Item Weight	42 Kilograms (92.4 pounds)
Product Dimensions	22.44 x 20.87 x 19.69 inches
Special Feature	Automatic Shut Off
Included Components	Filters
Recommended Uses	Tire Inflation, PCP Air Rifle, Paintball Gun, Scuba Diving

8. WARRANTY AND SUPPORT

TUXING aims to provide quality outdoor products. For any issues or support needs, please refer to the following information:

- **Returns:** This product typically offers a 30-day easy return policy. Please check your purchase details for specific

return eligibility.

- **Protection Plans:** Extended protection plans (e.g., 3-Year, 4-Year) may be available for purchase. Refer to your retailer for details.
- **Customer Support:** For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact the TUXING Official Store directly through your purchase platform or their official website.
- **Manufacturer:** Xiamen Subang Technology Co.,Ltd.

As per the brand's philosophy, "Tuxing, make your outdoor activities easier."

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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