

TUXING TXEDT031/TXEDT032

TUXING TXEDT031/TXEDT032 4500Psi PCP Air Compressor Instruction Manual

Model: TXEDT031/TXEDT032

Brand: TUXING

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1. PRODUCT OVERVIEW

The TUXING TXEDT031/TXEDT032 is a high-pressure PCP (Pre-Charged Pneumatic) air compressor designed for efficient air filling. This model features an integrated water pump and water tank system, crucial for cooling the compressor during operation and ensuring its longevity. It is capable of reaching a maximum operating pressure of 4500 PSI, making it suitable for various high-pressure air applications.

This manual provides essential information regarding the safe operation, setup, maintenance, and troubleshooting of your TUXING air compressor.

2. SAFETY INFORMATION

Always read and understand all safety warnings and instructions before operating the air compressor. Failure to follow these instructions may result in electric shock, fire, serious injury, or property damage.

General Safety Warnings:

- **High Pressure Hazard:** This compressor generates extremely high pressure. Never direct the air output towards yourself or others. Ensure all connections are secure before operation.
- **Electrical Safety:** The unit operates on 120 Volts. Ensure the power source matches the compressor's requirements. Do not operate with damaged cords or plugs. Keep the compressor away from water and damp environments, except for the integrated water cooling system.
- **Overheating:** The built-in water cooling system is vital. Ensure the water tank is filled and the pump is operating correctly during use to prevent overheating.
- **Ventilation:** Operate the compressor in a well-ventilated area to prevent heat buildup.
- **Children and Bystanders:** Keep children and bystanders away while operating the compressor.
- **Personal Protective Equipment (PPE):** Wear appropriate eye and ear protection during operation.
- **Maintenance:** Disconnect power before performing any maintenance or cleaning.

3. PRODUCT COMPONENTS

The TUXING TXEDT031/TXEDT032 air compressor system includes the main compressor unit (not pictured in detail here), a dedicated

water tank, and an integrated water pump for cooling.



Figure 3.1: Overview of the TUXING water tank and the external water pump. The white rectangular tank features a handle and a large opening for filling, with a brass valve on top. The black water pump is connected via a cable.



Figure 3.2: Bottom view of the TUXING water tank, showing the two clear hoses connected to the base for water circulation. These hoses facilitate the flow of cooling water to and from the compressor unit.



Figure 3.3: Top-down view of the TUXING water tank, illustrating the brass valve at the top right and the two clear hoses extending from the bottom. This view highlights the complete water circulation setup.

4. SETUP INSTRUCTIONS

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any shipping damage.
2. **Placement:** Place the compressor unit and water tank on a stable, level surface in a well-ventilated area. Ensure there is sufficient space around the unit for air circulation.

3. Water Tank Connection:

- Connect the two clear hoses from the water tank to the designated inlet and outlet ports on the main compressor unit. Refer to your compressor unit's specific diagram for correct port identification.
- Ensure all hose connections are secure to prevent leaks.

4. **Fill Water Tank:** Open the large cap on the water tank and fill it with clean, distilled water. Do not overfill; leave a small air gap at the top. Close the cap securely.

5. **Water Pump Connection:** Connect the water pump's power cable to the designated port on the compressor unit or a separate power source as indicated by your compressor model.

6. **Power Connection:** Connect the main power cord of the compressor to a grounded 120 Volt electrical outlet.

7. **Initial Check:** Before starting, double-check all connections (air hoses, water hoses, electrical) to ensure they are tight and correctly installed.

5. OPERATING INSTRUCTIONS

1. **Prepare for Filling:** Connect the high-pressure hose from the compressor to the PCP air gun or tank you intend to fill. Ensure the connection is secure.
2. **Activate Water Cooling:** Turn on the water pump. Verify that water is circulating through the system. This is critical for preventing compressor overheating.
3. **Start Compressor:** Turn on the main power switch of the air compressor. The compressor will begin to build pressure.
4. **Monitor Pressure:** Continuously monitor the pressure gauge on the compressor and on your PCP device. Do not exceed the maximum rated pressure of your PCP device or the compressor's maximum operating pressure of 4500 PSI.
5. **Stop Compressor:** Once the desired pressure is reached, turn off the compressor.
6. **Bleed Air:** Slowly open the bleed valve on the compressor to release residual pressure in the hose before disconnecting.
7. **Disconnect:** Disconnect the high-pressure hose from your PCP device.
8. **Turn off Water Pump:** After use, turn off the water pump.

Important: Do not run the compressor continuously for extended periods. Allow for cool-down intervals as recommended by the main compressor unit's manual (if separate). The water cooling system helps, but continuous operation without breaks can still lead to wear.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your TUXING air compressor and its cooling system.

Routine Maintenance:

- **Water Tank:**
 - Regularly check the water level in the tank and refill with distilled water as needed.
 - Periodically drain and replace the water in the tank to prevent algae growth and mineral buildup. The frequency depends on usage, but monthly replacement is recommended for moderate use.
 - Clean the inside of the water tank if any residue or discoloration is observed.
- **Hoses and Connections:** Inspect all water and air hoses for kinks, cracks, or leaks before each use. Ensure all connections are tight.
- **General Cleaning:** Keep the exterior of the compressor and water tank clean and free of dust and debris. Use a dry cloth for cleaning.
- **Storage:** When not in use, store the compressor and water tank in a cool, dry place, away from direct sunlight and extreme temperatures.

Note: This product is listed as having "No included components" for spare parts. Any replacement parts, such as hoses or the water pump, would need to be sourced separately.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your TUXING air compressor's water cooling system and general operation.

Problem	Possible Cause	Solution
Water pump not circulating water.	Pump not powered, low water level, clogged hoses.	Ensure pump is connected and powered. Check water level and refill. Inspect hoses for blockages and clear them.
Compressor overheating.	Water cooling system not functioning, prolonged operation, insufficient ventilation.	Verify water pump operation and water level. Allow compressor to cool down. Ensure adequate ventilation around the unit.
Water leakage from connections.	Loose hose connections, damaged hoses.	Tighten all hose clamps and connections. Inspect hoses for damage and replace if necessary.
Compressor not building pressure.	Air leaks, faulty pressure gauge, internal compressor issue.	Check all air connections for leaks. If issues persist, consult a qualified technician or contact support.

For issues not listed here, or if troubleshooting steps do not resolve the problem, please contact customer support.

8. SPECIFICATIONS

Brand	TUXING
Model Name	TXEDT031TXEDT032
Item Model Number	TXEDT032 reservdelar
Maximum Operating Pressure	4500 Pound per Square Inch (PSI)
Voltage	120 Volts
Power Source	Electric
Special Feature	Built-in Water Pump and Water Tank
Item Weight	2.2 pounds (1 Kilogram)
Product Dimensions	3.94 x 3.94 x 3.94 inches (for the water tank/pump component)
Material	Other
Manufacturer	Xiamen Subang Technology Co.,Ltd.
UPC	777989128864

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your main compressor unit or contact the seller directly. Specific warranty terms may vary.

Customer Support:

If you require technical assistance, have questions about operation, or need to inquire about replacement parts, please contact:

- **Manufacturer:** Xiamen Subang Technology Co.,Ltd.
- **Seller:** TUXING Official Store
- You can visit the official TUXING store on Amazon for more information and contact options:[TUXING Amazon Store](#)

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.

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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