



Manuals.plus /

› TUXING /

› TUXING TXET062 4500Psi 300Bar Air Compressor User Manual

TUXING TXET062

TUXING TXET062 4500Psi 300Bar Air Compressor User Manual

Model: TXET062 | 110V Auto-stop Version

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, maintenance, and troubleshooting of your TUXING TXET062 4500Psi 300Bar High Pressure Air Compressor. Please read this manual thoroughly before using the product and retain it for future reference.

The TUXING TXET062 is designed for high-pressure air inflation applications, featuring a built-in power adapter and an auto-stop function for convenience and safety.

2. SAFETY INFORMATION

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

- Always operate the compressor in a well-ventilated area.
- Do not operate the compressor near flammable liquids or gases.
- Ensure all connections are secure before operation to prevent air leaks.
- Wear appropriate personal protective equipment (PPE), including eye protection.
- Do not exceed the maximum rated pressure of the item being inflated.
- Keep children and unauthorized personnel away from the operating compressor.
- Disconnect power before performing any maintenance or cleaning.
- Regularly check for signs of wear or damage to hoses, fittings, and the power cord.

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your TUXING TXET062 air compressor.

STRUCTURE

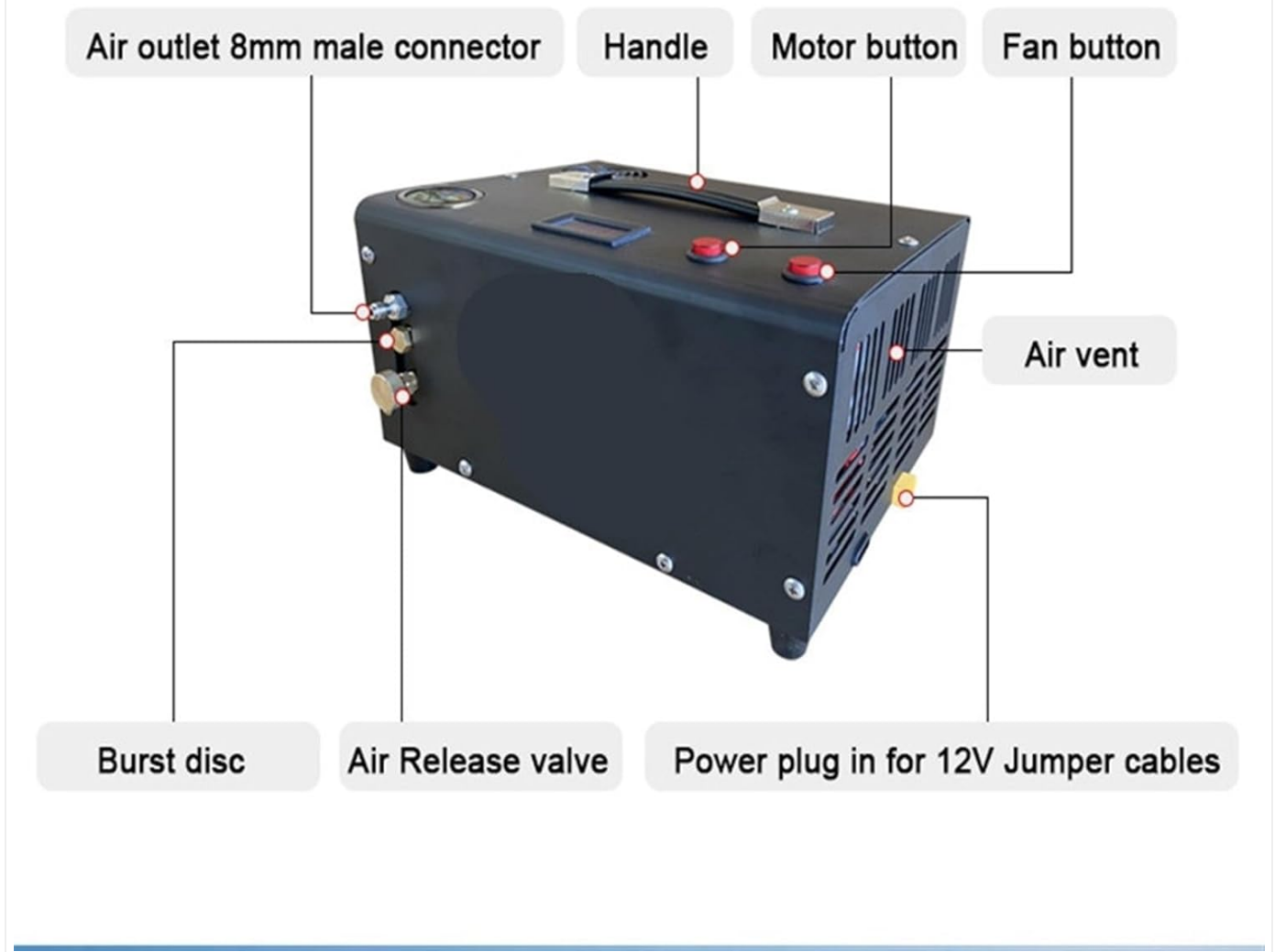


Figure 3.1: Component Diagram of TUXING TXET062 Air Compressor.

This image displays the various parts of the compressor, including the air outlet, handle, motor button, fan button, air vent, burst disc, air release valve, and power plug for 12V jumper cables.

1. **Air outlet 8mm male connector:** Connection point for the inflation hose.
2. **Handle:** For easy portability of the unit.
3. **Motor button:** Activates or deactivates the compressor motor.
4. **Fan button:** Controls the cooling fan for temperature management.
5. **Air vent:** Exhaust for cooling air.
6. **Burst disc:** Safety feature designed to release pressure if it exceeds safe limits.
7. **Air Release valve:** Used to manually release pressure from the system.
8. **Power plug in for 12V Jumper cables:** Alternative power input for 12V DC sources.

4. SETUP

1. **Unpacking:** Carefully remove the compressor and all accessories from the packaging. Inspect for any shipping damage.
2. **Placement:** Place the compressor on a stable, level surface in a well-ventilated area, away from direct sunlight and heat sources. Ensure adequate clearance around the air vents for proper cooling.

3. **Connect Hose:** Attach the high-pressure inflation hose to the 8mm male connector on the compressor. Ensure it is securely tightened to prevent leaks.
4. **Power Connection:** Connect the compressor to a standard 110V AC power outlet. Ensure the power cord is not damaged and is properly grounded. If using 12V DC power, connect jumper cables to the designated input.
5. **Initial Check:** Before first use, ensure the air release valve is closed.

5. OPERATING INSTRUCTIONS

1. **Prepare Item for Inflation:** Connect the inflation hose to the item you wish to inflate (e.g., air tank, PCP airgun).
2. **Set Desired Pressure:** The TXET062 features an auto-stop function. Set the desired pressure on the compressor's gauge or control panel (if applicable). The compressor will automatically stop when this pressure is reached.
3. **Start Cooling Fan:** Press the **Fan button** to activate the cooling fan. It is crucial to run the fan throughout the inflation process to prevent overheating.
4. **Start Compressor:** Press the **Motor button** to start the compressor. Monitor the pressure gauge during operation.
5. **Monitor Temperature:** Pay attention to the compressor's temperature. If it becomes excessively hot, stop operation and allow it to cool down.
6. **Auto-Stop Function:** The compressor will automatically shut off once the preset pressure is achieved.
7. **Release Pressure:** After inflation, turn off the compressor motor (if it hasn't auto-stopped) and the fan. Slowly open the **Air Release valve** to vent any residual pressure in the hose before disconnecting it from the item.
8. **Disconnect:** Disconnect the inflation hose from the item and then from the compressor.



Figure 5.1: TUXING TXET062 Air Compressor in operation.

This image shows the overall design of the compressor, highlighting its compact form factor and the location of the pressure gauge and control panel on the top surface.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your compressor.

- **Cooling Fan:** Periodically check the cooling fan and air vents for dust and debris. Clean as necessary to ensure unrestricted airflow.
- **Moisture Filter:** If your model includes a moisture filter, regularly drain or replace the desiccant as per its specific instructions to prevent moisture from entering the air system.
- **Connections:** Routinely inspect all hose connections and fittings for tightness and signs of wear or damage. Replace any worn components immediately.
- **Power Cord:** Check the power cord for cuts, fraying, or other damage. Do not use the compressor with a damaged power cord.
- **Storage:** When not in use, store the compressor in a clean, dry environment, protected from extreme temperatures.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Compressor does not start.	No power supply; Power switch off; Thermal overload.	Check power connection and outlet; Ensure motor button is pressed; Allow compressor to cool down.
Compressor runs but no air output or low pressure.	Air leaks in connections; Air release valve open; Clogged filter.	Tighten all connections; Close air release valve; Check and clean/replace filter.
Compressor overheats quickly.	Cooling fan not running; Blocked air vents; Prolonged operation.	Ensure fan button is pressed; Clean air vents; Allow for cooling breaks during long operations.
Auto-stop not functioning.	Incorrect pressure setting; Sensor malfunction.	Verify desired pressure setting; Contact customer support if issue persists.

8. SPECIFICATIONS

- **Model:** TXET062
- **Voltage:** 110V AC
- **Max Pressure:** 4500 Psi (300 Bar)
- **Features:** Auto-stop function, Built-in Power Adapter
- **Air Outlet:** 8mm male connector
- **Power Input (Alternative):** 12V DC (via jumper cables)
- **Package Dimensions:** 1.18 x 0.79 x 0.39 inches (*Note: These dimensions appear to be for a small component or packaging, not the main compressor unit.*)
- **Item Weight:** 1.76 ounces (*Note: This weight appears to be for a small component or packaging, not the main compressor unit.*)
- **Number of pieces:** 1

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the contact information provided with your purchase or visit the official TUXING website. Keep your proof of purchase for warranty claims.

