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› TUXING TXET062 4500Psi 300Bar 110V Auto-Stop Air Compressor User Manual

TUXING TXET062

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Model: TXET062

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, maintenance, and troubleshooting of your TUXING TXET062 4500Psi 300Bar 110V Auto-Stop Air Compressor. Please read this manual thoroughly before using the compressor to ensure proper function and to prevent injury or damage.



Figure 1.1: TUXING TXET062 Air Compressor

A general view of the TUXING TXET062 high-pressure air compressor.

The TUXING TXET062 is a high-pressure pneumatic inflator designed for various applications requiring compressed air up to 4500 Psi (300 Bar). It features a built-in power adapter and an auto-stop function for convenience and safety.

2. SAFETY INSTRUCTIONS

Always prioritize safety when operating any high-pressure equipment. Failure to follow these instructions may result in serious injury or property damage.

- **Read the Entire Manual:** Understand all operating procedures and safety warnings before use.
- **Proper Ventilation:** Operate the compressor in a well-ventilated area to prevent overheating and accumulation of fumes.
- **Electrical Safety:** Ensure the power supply matches the compressor's requirements (110V). Do not use damaged power cords or adapters. Keep electrical connections dry.

- **Pressure Limits:** Never exceed the maximum rated pressure of the compressor (4500 Psi / 300 Bar) or the item being inflated.
- **Personal Protective Equipment (PPE):** Wear appropriate eye protection and hearing protection during operation.
- **Children and Pets:** Keep children and pets away from the compressor during operation.
- **Maintenance:** Perform regular maintenance as described in this manual. Disconnect power before any maintenance or repair.
- **Emergency Stop:** Familiarize yourself with the location of the power switch for quick shutdown in an emergency.

3. PRODUCT OVERVIEW

The TUXING TXET062 air compressor is a compact and powerful unit. Familiarize yourself with its components before operation.

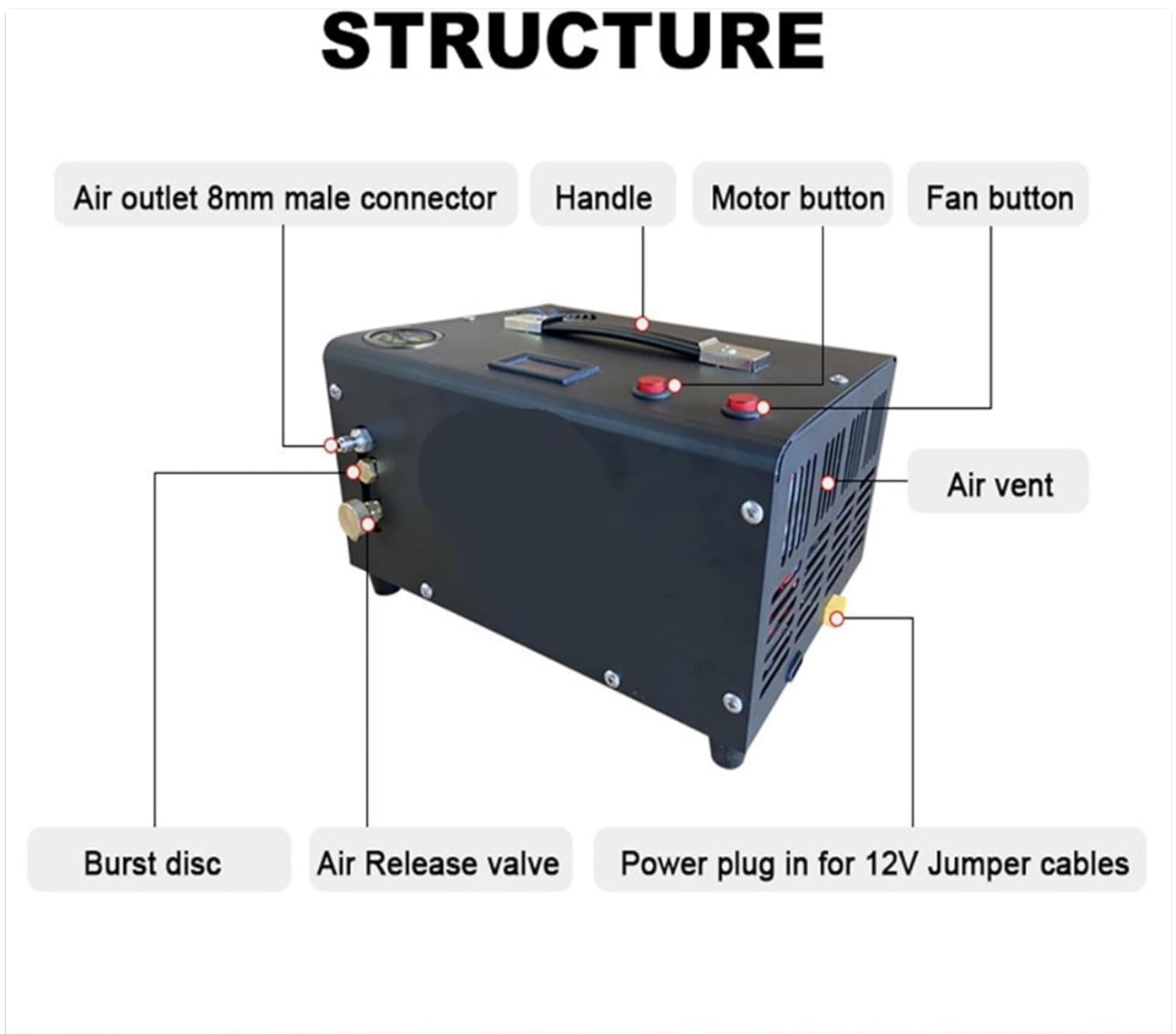


Figure 3.1: Compressor Structure Diagram

This image illustrates the key components of the TUXING TXET062 air compressor, including the air outlet, handle, motor button, fan button, air vent, burst disc, air release valve, and power plug for 12V jumper cables.

- **Air Outlet (8mm male connector):** Connects to the inflation hose.
- **Handle:** For easy portability.
- **Motor Button:** Activates the compressor motor.

- **Fan Button:** Activates the cooling fan.
- **Air Vent:** Ensures proper airflow for cooling.
- **Burst Disc:** A safety feature designed to rupture and release pressure if it exceeds a safe limit.
- **Air Release Valve:** Used to manually release pressure from the system.
- **Power Plug (for 12V Jumper cables):** Alternative power input for 12V DC sources.
- **Pressure Gauge:** Displays the current pressure.

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 flammable materials.
3. **Connect Hose:** Attach the inflation hose securely to the 8mm male air outlet connector.
4. **Power Connection:**
 - **110V AC Power:** Plug the compressor's power cord into a standard 110V AC outlet. Ensure the outlet is properly grounded.
 - **12V DC Power (Optional):** If using a 12V DC source (e.g., car battery), connect jumper cables to the designated 12V power plug. Ensure correct polarity.
5. **Check Connections:** Verify all connections are tight and secure to prevent air leaks.

5. OPERATING INSTRUCTIONS

5.1 Pre-Operation Check

- Ensure the air release valve is closed.
- Confirm the item to be inflated is rated for the pressure you intend to apply.
- Connect the inflation hose to the item.

5.2 Starting the Compressor

1. Press the **Fan Button** to start the cooling fan. This should always be done before starting the motor.
2. Press the **Motor Button** to start the compressor. The pressure gauge will begin to rise.
3. Monitor the pressure gauge closely.

5.3 Auto-Stop Function

The TXET062 features an auto-stop function. Once the preset pressure is reached, the compressor will automatically shut off. This prevents over-inflation and protects the unit.

5.4 Stopping the Compressor

1. If the auto-stop function has not activated, press the **Motor Button** to turn off the compressor.
2. Allow the fan to run for a few minutes after the motor stops to cool down the unit, then press the **Fan Button** to turn it off.
3. Slowly open the **Air Release Valve** to depressurize the system before disconnecting the hose from the item.
4. Disconnect the power supply.

6. MAINTENANCE

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

- **Drain Moisture:** After each use, or regularly if used frequently, drain any accumulated moisture from the compressor. Refer to the specific drainage point in your compressor's design.
- **Clean Air Filter:** Periodically inspect and clean or replace the air filter to ensure clean air intake and prevent motor strain.
- **Check Connections:** Regularly check all hose connections and fittings for tightness and signs of wear. Replace any worn or damaged parts.
- **Storage:** Store the compressor in a clean, dry environment, away from extreme temperatures and direct sunlight.
- **Lubrication:** Follow manufacturer guidelines for any required lubrication points.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Compressor does not start.	No power supply; Power switch off; Overload protection activated.	Check power connection; Ensure power switch is ON; Allow unit to cool down and reset.
Low pressure output.	Air leaks in connections; Clogged air filter; Worn piston rings.	Check and tighten all connections; Clean or replace air filter; Contact customer support for service.
Compressor overheats.	Insufficient ventilation; Fan not running; Prolonged operation.	Ensure adequate ventilation; Check fan operation; Allow compressor to cool down between uses.
Auto-stop not working.	Pressure sensor malfunction.	Contact customer support for inspection and repair.

8. SPECIFICATIONS

Model	TXET062
Max Pressure	4500 Psi (300 Bar)
Power Supply	110V AC (Built-in Adapter) / 12V DC (Jumper Cable Input)
Auto-Stop Function	Yes
Cooling System	Fan Cooled
Dimensions	Refer to product packaging for exact dimensions.
Weight	Refer to product packaging for exact weight.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact your retailer or the manufacturer directly.

Keep your purchase receipt as proof of purchase.

Manufacturer: MDWXDOFP (as per product specifications)

For further assistance, please visit the official TUXING website or contact their customer service department.

