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TUXING TXEDB062

TUXING 4500PSI PCP Air Compressor (Model TXEDB062) Instruction Manual

Your comprehensive guide to safe and efficient operation.

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your TUXING 4500PSI PCP Air Compressor, Model TXEDB062. This 800W dual-cylinder compressor is designed for inflating PCP air rifles, paintball tanks, and scuba tanks. Please read this manual thoroughly before operation and retain it for future reference.

2. SAFETY INFORMATION

Warning: Operating high-pressure air compressors involves inherent risks. Failure to follow safety instructions can result in serious injury or property damage.

- Always operate the compressor in a well-ventilated area to prevent heat buildup.
- Ensure all connections are secure before operation to prevent air leaks.
- Do not exceed the maximum operating pressure of 4500PSI (30Mpa) or the maximum temperature of 80°C (176°F). The compressor features an auto-stop function for safety.
- This is an oil-free compressor; no lubrication is required. Do not add oil.
- When inflating scuba diving tanks, an external air filter must be connected to ensure air quality.
- Keep children and unauthorized personnel away from the operating compressor.
- Disconnect power before performing any maintenance or inspection.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1x TUXING PCP Air Compressor (Model TXEDB062)
- 1x Home Power Line
- 1x Oil/Water Separator

- 1x User Manual (this document)
- 1x Battery Clamp (for DC power)
- 1x Accessory Kit, including:
 - 5 x Filter Cotton
 - 5 x White Washers
 - 5 x Filter O-Rings
 - 5 x Burst Discs
 - 1x Air Nozzle
 - 1x Check Valve

PRODUCT INFORMATION

Net Weight: 15.2kg

Accessories

1 x Power Cord

1 x User Manual

1 x Filter

1 x Battery Clip

1 x Accessory Kit

(5 x Filter Cotton,

5 x White Washer,

5 x Filter O-Rings,

5 x Burst Discs,

1x Air Nozzle,

1x Check Valve)

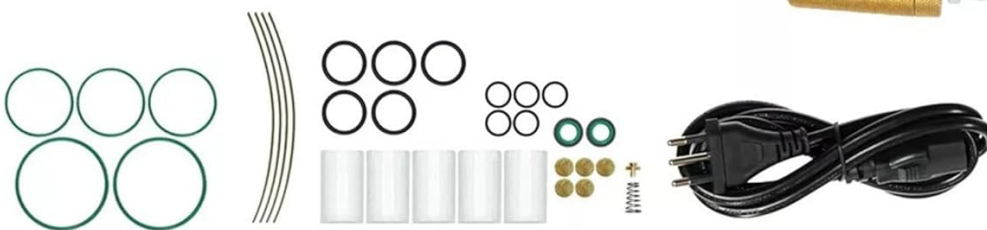


Figure 1: TUXING PCP Air Compressor and its included accessories. The image displays the compressor unit, power cord, oil/water separator, and various small parts like O-rings and filter cotton.

4. PRODUCT OVERVIEW AND FEATURES

The TUXING TXEDB062 is an 800W dual-cylinder PCP air compressor designed for high-efficiency inflation. Key features include:

- **Dual-Cylinder Design:** Provides efficient and rapid inflation.
- **Auto-Stop Function:** Automatically shuts off when the preset pressure is reached, enhancing safety and convenience.
- **Smart Dual Display:** Real-time monitoring of pressure (up to 4500PSI/30Mpa) and temperature (max 80°C/176°F).
- **Built-in Fan Cooling System:** Ensures superior heat dissipation without the need for external water cooling, extending product lifespan.
- **Oil-Free Operation:** Simplifies maintenance and delivers high-quality compressed air.
- **Low Noise Design:** Operates with reduced noise levels for a more comfortable experience.
- **AC & DC Adaptable:** Can be powered by household AC current or 12V DC battery (via battery clamp).



Figure 2: Intelligent Dual Display showing real-time pressure and temperature readings.



Figure 3: Auto Shut-off feature for convenient and safe operation.

OIL & WATER FREE PCP COMPRESSOR

QUICK INFLATION, QUIET & STABLE



Ultra-quiet



Oil-free



No external cooling



No cleaning



Figure 4: Built-in fan cooling system and oil-free operation.

5. SETUP

Follow these steps to set up your compressor:

1. **Placement:** Place the compressor on a stable, level surface in a well-ventilated area, away from flammable materials.
2. **Power Connection:**
 - For AC power: Connect the home power line to the compressor and then to a standard 110V AC outlet.
 - For DC power: Use the provided battery clamps to connect the compressor to a 12V DC battery. Ensure correct polarity.
3. **Hose Connection:** Connect the 8mm quick-connect high-pressure hose to the compressor's output port.
4. **Oil/Water Separator:** For applications requiring dry air, such as scuba tank inflation, connect the oil/water separator in-line between the compressor and the tank.
5. **Tank Connection:** Connect the other end of the high-pressure hose (or separator, if used) to the tank or device you intend to inflate. Ensure all connections are tight and leak-free.



Figure 5: Compressor connected to a tank, ready for operation.

6. OPERATING INSTRUCTIONS

Before starting, ensure all safety precautions and setup steps have been followed.

1. **Set Target Pressure:** Use the pressure adjustment knob (if available, or rely on the auto-stop feature) to set the desired inflation pressure. The smart dual display will show the current pressure.
2. **Start Compressor:** Turn on the main power switch. The compressor will begin to operate.
3. **Monitor Operation:** Observe the pressure gauge and temperature display. The compressor will automatically stop once the preset pressure is reached. Do not exceed the maximum recommended pressure for your tank or device.
4. **Inflation Time:** For reference, filling a 1L air cylinder from 0 to 300Bar typically takes approximately 11 minutes. Actual times may vary based on tank size and initial pressure.
5. **After Inflation:** Once the compressor stops, turn off the main power switch. Slowly release any residual pressure in the hose before disconnecting the tank.

WIDE APPLICATION

Enjoy reliable air supply, anytime, anywhere



Figure 6: Wide application of the compressor for various air devices.

7. MAINTENANCE

The TUXING TXEDB062 is designed for hassle-free maintenance due to its oil-free operation.

- **Filter Replacement:** Regularly inspect and replace the filter cotton, white washers, and filter O-rings in the oil/water separator as needed. The accessory kit includes spares.
- **Cleaning:** Keep the exterior of the compressor clean and free of dust and debris. Ensure the cooling fan vents are unobstructed.
- **Connection Checks:** Periodically check all hose connections and fittings for wear or damage. Replace any worn components immediately.
- **Storage:** Store the compressor in a dry, cool place when not in use.

8. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Compressor does not start	No power supply; Power switch off; Loose connection	Check power cord/battery clamp connection; Ensure power switch is ON; Secure all connections.
Compressor runs but does not build pressure	Hose leak; Tank valve closed; Faulty check valve	Check all connections for leaks; Ensure tank valve is open; Inspect/replace check valve.
Compressor overheats (temperature alarm)	Poor ventilation; Obstructed fan vents; Prolonged operation	Move to a better ventilated area; Clear fan vents; Allow compressor to cool down before resuming.
Air quality issues (moisture)	Oil/water separator not used or filter saturated	Ensure oil/water separator is connected; Replace filter cotton and O-rings in separator.

If the problem persists after attempting these solutions, please contact customer support.

9. SPECIFICATIONS

Specification	Value
Brand	TUXING
Model Name	TXEDB062
Maximum Power	800 Watts
Voltage	110 Volts (DC) / AC Adaptable
Maximum Operating Pressure	4500 PSI / 300 Bars / 30 Mpa
Maximum Temperature	80°C / 176°F
Noise Level	80 dB
Product Dimensions (L x W x H)	14.6" x 7.1" x 13.8" (37cm x 18cm x 35cm)
Item Weight	33.7 pounds (15.3 Kilograms)
Material	Stainless Steel
Hose Length	0.5 Meters
Recommended Uses	PCP Air Rifle, Paintball, Scuba Tank Inflation

10. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. TUXING offers customer support to assist with any questions or issues you may encounter.

- **Online Service:** 7*24 hours online service is available.
- **Contact:** If you have any questions about purchase or use, please feel free to contact us via Email. Our professional team will reply as soon as possible.

