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› MZB 13.2 Gallon Ultra Quiet Air Compressor MZB-1100H-50 Instruction Manual

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MZB 13.2 Gallon Ultra Quiet Air Compressor MZB-1100H-50 Instruction Manual

Model: MZB-1100H-50

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your MZB 13.2 Gallon Ultra Quiet Air Compressor, model MZB-1100H-50. This oil-free air compressor features durable steel tanks, delivers a maximum of 115 PSI, and operates at a low noise level of 72dB, making it suitable for various applications.



Figure 1: Overview of the MZB 13.2 Gallon Ultra Quiet Air Compressor.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent personal injury or damage to the equipment:

- Read and understand all instructions before operating the compressor.
- Wear appropriate personal protective equipment (PPE), including eye protection and hearing protection.
- Ensure the compressor is placed on a stable, level surface.
- Do not operate the compressor in wet or damp conditions.
- Never direct compressed air at yourself or others.
- Disconnect power before performing any maintenance or adjustments.
- Regularly inspect the air tank for rust or damage. Do not use if damaged.
- Ensure proper ventilation when operating the compressor.

3. SETUP

Follow these steps for initial setup of your air compressor:

1. **Unpacking:** Carefully remove the compressor and all accessories from the packaging. Verify all included components are present: 1 x Air Compressor, 1 x Manual, 1 x Accessory Bag.
2. **Wheel and Handle Assembly:** Attach the sturdy wheels and robust handle for easy transportation. Refer to the accessory bag for specific fasteners and tools if needed.
3. **Placement:** Position the compressor on a firm, level surface in a well-ventilated area. Ensure adequate space around the unit for air circulation.
4. **Power Connection:** Connect the compressor to a 110 Volt, Corded Electric power source. Ensure the outlet is properly grounded and can handle the 2.2 KW (3 Horsepower) motor.
5. **Initial Inspection:** Before first use, check all connections for tightness and ensure the drain valve at the bottom of the tank is closed.

2.2KW Oil-free Power Motor

Keeps running, no maintenance required



Figure 2: The compressor features a 2.2KW oil-free power motor, requiring no maintenance.

4. OPERATING INSTRUCTIONS

The MZB-1100H-50 air compressor is designed for versatile professional applications, including spray painting, auto repair, carpentry, and home DIY tasks. It features an automatic shut-off for safety and efficiency.

1. **Power On:** Flip the power switch to the 'ON' position. The compressor will begin to fill the 13.2-gallon

(50-liter) tank.

2. **Pressure Adjustment:** Use the adjustable pressure regulator to set the desired output pressure for your tool. The maximum operating pressure is 115 PSI.
3. **Connecting Tools:** Attach your air tool to the quick-connect coupler. Ensure the connection is secure.
4. **Operation:** Begin using your air tool. The compressor will automatically restart when the tank pressure drops below a preset level and shut off when it reaches the maximum pressure.
5. **Power Off:** When finished, turn the power switch to the 'OFF' position.
6. **Drain Air:** Slowly open the drain valve at the bottom of the tank to release any remaining air pressure.



Figure 3: The compressor operates at an ultra-quiet 72dB, comparable to daily conversation levels.

WIDER APPLICATION

Meet both home and commercial needs



Figure 4: The compressor is suitable for a wide range of applications, from home DIY to professional tasks.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your MZB air compressor. This oil-free unit simplifies maintenance requirements.

- **Daily:** Drain condensation from the air tank daily or after each use. This prevents rust and corrosion inside the tank.
- **Weekly:** Inspect the air filter for dirt and debris. Clean or replace if necessary to maintain optimal airflow.
- **Monthly:** Check all fasteners and connections for tightness. Inspect the power cord for any signs of damage.
- **Annually:** Have a qualified technician inspect the safety valve and pressure gauge for proper operation.

3-LAYER PROCESS

Explosion-proof and leak-proof, indestructible



- 1 Rust&Wear Resistant Layer**
- 2 Plastic Powder Attachment Layer**
- 3 Q235B Structural Steel**

Figure 5: The steel tank features a 3-layer process for durability: Rust & Wear Resistant Layer, Plastic Powder Attachment Layer, and Q235B Structural Steel.

6. TROUBLESHOOTING

Refer to this section for common issues and their potential solutions.

Problem	Possible Cause	Solution
Compressor does not start	No power, tripped circuit breaker, faulty switch	Check power connection, reset breaker, inspect switch.
Compressor runs continuously	Air leak, faulty pressure switch	Check for leaks, contact customer support for switch replacement.
Low air pressure output	Air leak, clogged air filter, regulator setting too low	Check for leaks, clean/replace filter, adjust regulator.
Excessive noise or vibration	Loose components, worn motor bearings	Tighten loose parts, contact customer support for inspection.

7. SPECIFICATIONS

Feature	Specification
Brand	MZB AIR COMPRESSOR
Model Name	Air Compressor (MZB-1100H-50)
Voltage	110 Volts
Power Source	Corded Electric
Noise Level	72 Decibels
Special Feature	Automatic Shut-Off
Item Weight	72 Pounds
Maximum Power	3 Horsepower
Capacity	13.21 Gallons (50 Liters)
Material	Metal
Product Dimensions	24"L x 13"W x 26"H
Air Flow Capacity	14.83 Cubic Feet Per Minute
Maximum Operating Pressure	115.0 PSI
Wattage	2.2 KW

8. MANUFACTURER INFORMATION AND SUPPORT

MZB AIR COMPRESSOR is dedicated to providing quality products. For further assistance, technical support, or warranty inquiries, please refer to the contact information provided with your purchase or visit the official MZB AIR COMPRESSOR store.

The manufacturing process involves advanced equipment and skilled staff, ensuring product quality and reliability.

Your browser does not support the video tag.

Video 1: A look into the MZB manufacturing plant, showcasing the production process of air compressors. This video highlights the attention to detail and technology used in creating the product.

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Video 2: An introduction to the MZB factory, detailing the company's history, facilities, and commitment to quality in air compressor production.