

MZZ AIR COMPRESSOR MZZ-1100H-24

MZZ MZZ-1100H-24 6.4 Gallon Ultra Quiet Oil-Free Air Compressor Instruction Manual

Model: MZZ-1100H-24 | Brand: MZZ AIR COMPRESSOR

1. IMPORTANT SAFETY INFORMATION

Read and understand all safety warnings and instructions before operating this air compressor. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

1.1 Electrical Safety

- Ensure the power source matches the voltage specified on the compressor's nameplate (110V/60Hz).
- Do not operate the compressor in wet or damp conditions. Keep all electrical connections dry.
- Always use a properly grounded outlet. Do not modify the plug.
- Avoid using extension cords. If necessary, use a heavy-duty, grounded extension cord rated for the compressor's power requirements.

1.2 Pressure Safety

- Never exceed the maximum operating pressure of 115 PSI.
- Always wear appropriate eye protection (safety glasses or goggles) when operating the compressor or using air tools.
- Do not direct compressed air at yourself or others.
- Regularly check the pressure gauges for proper function.
- Ensure all air hoses and fittings are securely connected and in good condition.

1.3 Operating Environment

- Operate the compressor in a well-ventilated area.
- Keep children and bystanders away from the operating area.
- Do not operate near flammable liquids, gases, or combustible materials.

1.4 Maintenance Safety

- Always disconnect the power supply and drain all air pressure from the tank before performing any maintenance or adjustments.
- Do not attempt to modify or repair the compressor yourself. Refer to qualified service personnel.

2. PRODUCT OVERVIEW

The MZB-1100H-24 is a 6.4-gallon ultra-quiet, oil-free air compressor designed for various applications including spray painting, auto repair, and carpentry decoration. It features a 1.5HP motor, delivers 7.41CFM at 115PSI, and operates at a low noise level of 70dB.



Figure 1: MZB 6.4 Gallon Ultra Quiet Air Compressor (Model MZB-1100H-24)

This image displays the overall view of the MZB 6.4 Gallon Ultra Quiet Air Compressor, highlighting its compact design and integrated handle for portability.

2.1 Key Features

- **Ultra Quiet Operation:** Operates at a low 70dB noise level, suitable for various work environments.
- **Oil-Free Motor:** Eliminates the need for oil changes and reduces maintenance.
- **High Efficiency:** Fills the 6.4-gallon tank in approximately 56 seconds.
- **Durable Construction:** Features a 3-layer protective steel tank for safety and longevity.
- **Portable Design:** Equipped with wheels and a handle for easy transport.



Figure 2: Noise Level Comparison

This image illustrates the low noise output of the compressor (70dB) compared to daily conversation (60dB) and a street environment (80dB).

3-LAYER PROCESS

Explosion-proof and leak-proof, indestructible



1 Rust&Wear Resistant Layer

2 Plastic Powder Attachment Layer

3 Q235B Structural Steel

Figure 3: 3-Layer Tank Construction

This image details the robust 3-layer construction of the steel tank, including rust/wear resistant, plastic powder adhesion, and Q235B structural steel layers for enhanced durability and safety.

3. SETUP

Follow these steps to set up your MZB air compressor for first-time use.

3.1 Unpacking and Assembly

1. Carefully remove the compressor from its packaging.
2. Attach the wheels to the designated axles on the tank. Secure them with the provided hardware.
3. Attach the handle to the compressor frame.
4. Ensure the two professional silencers are securely attached to the motor's air intake ports.

3.2 Initial Checks

- Verify that the power switch is in the "OFF" position.
- Ensure the drain valve at the bottom of the tank is fully closed.
- Confirm that the pressure regulator knob is turned counter-clockwise to its lowest setting.

3.3 Connecting to Power

- Plug the compressor's power cord directly into a grounded 110V/60Hz electrical outlet. Avoid using extension cords if possible.

Video 1: MZB Factory Introduction

This video provides an introduction to the MZB factory, showcasing the manufacturing process and quality control, which can offer insight into the product's build quality.

4. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and operating procedures before using the compressor with air tools.

4.1 Starting the Compressor

1. Ensure all connections are secure and the drain valve is closed.
2. Flip the power switch to the "ON" position. The compressor will begin to fill the air tank.
3. Monitor the tank pressure gauge. The compressor will automatically shut off when it reaches its maximum pressure (approx. 115 PSI).

4.2 Adjusting Output Pressure

1. Connect your air tool to the quick-connect coupler.
2. Turn the pressure regulator knob clockwise to increase the output pressure to the desired setting for your tool. The output pressure will be displayed on the tool pressure gauge.
3. Turn the knob counter-clockwise to decrease the pressure.

4.3 Using Air Tools

- This compressor is suitable for staple guns, brad nail guns, roofing nail guns, framing nail guns, spray guns, blow guns, air drills, HVLP spray guns, and electrical automatic screwdrivers.
- Always refer to your air tool's manual for specific pressure requirements and operating instructions.

Video 2: MZB 900H-6 Air Compressor in Use

This video demonstrates the MZB air compressor being used for various tasks such as tire inflation, blowing dust, and operating nail guns, showcasing its versatility.

Video 3: MZB 850H-9 Air Compressor Features

This video highlights key features of a similar MZB air compressor model, including its low noise, durable tank, and various safety mechanisms.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your air compressor.

5.1 Draining the Air Tank

- Moisture accumulates in the air tank during operation. Drain the tank daily or after each use to prevent corrosion.
- Disconnect power and release all air pressure from the tank.
- Open the drain valve located at the bottom of the tank to release accumulated moisture. Close the valve once all moisture is drained.

5.2 Cleaning Air Filters

- The compressor is equipped with professional silencers and thickened filter cotton to block fine dust.
- Regularly inspect and clean the air filters to ensure optimal airflow and prevent motor strain. Refer to the included manual for specific cleaning instructions.

5.3 Oil-Free Design

- This compressor features an oil-free motor, eliminating the need for oil checks or changes. This contributes to environmental friendliness and reduced maintenance.

6. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

6.1 Compressor Not Starting

- Check if the power cord is securely plugged into a live outlet.
- Ensure the power switch is in the "ON" position.
- Check for tripped circuit breakers or blown fuses.
- If the motor hums but does not start, the overload protector may have tripped. Disconnect power, wait a few minutes, and press the reset button (if available).

6.2 Low Air Pressure or Slow Recovery

- Verify the pressure regulator is set to the desired output pressure.
- Check for leaks in air hoses, fittings, or tool connections.
- Inspect air filters for clogging and clean or replace if necessary.
- Ensure the power supply is adequate and not experiencing voltage drops.

6.3 Excessive Noise or Vibration

- Check that the compressor is on a stable, level surface.
- Ensure all mounting bolts and fasteners are tight.
- Inspect the air filters and silencers for proper installation and condition.

7. SPECIFICATIONS

Specification	Value
Brand	MZB AIR COMPRESSOR
Model Name	Air Compressor (MZB-1100H-24)
Voltage	110 Volts
Frequency	60 Hz
Wattage	1100 watts
Motor Horsepower	1.5 Horsepower
Tank Volume	6.4 Gallons (24 Liters)
Maximum Operating Pressure	115 PSI (8 Bar)
Air Flow Capacity (CFM)	7.41 Cubic Feet Per Minute
Noise Level	70 Decibels
Special Feature	Oil Free
Product Dimensions	22"L x 10"W x 22"H
Item Weight	45.7 pounds
Material	Metal
Color	Matte Black

8. WARRANTY AND SUPPORT

MZB AIR COMPRESSOR products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the contact details provided in your product packaging or visit the official MZB AIR COMPRESSOR website.

Please retain your proof of purchase for any warranty claims.