MICHELIN 1129981165

Michelin MBL6 Portable Air Compressor User Manual

Model: MBL6 (Part Number: 1129981165)
Brand: MICHELIN

1. Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Michelin MBL6 Portable Air Compressor. Please read this manual thoroughly before using the compressor and keep it for future reference.

The Michelin MBL6 is a compact and lightweight 6-liter oil-free air compressor, designed for various applications in your garage or workshop. It features a 1.5 HP motor, delivering an airflow of 160 l/min and a maximum pressure of 8 bar. It comes equipped with an inflation gun, spiral hose, and three nozzles, making it suitable for tasks such as inflating, blowing, airbrushing, and nailing.



Figure 1.1: Michelin MBL6 Portable Air Compressor with inflation gun, spiral hose, and nozzles.



Figure 1.2: Key features of the Michelin MBL6 Air Compressor.

2. Safety Information

Always observe basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury.

- Read all instructions before use.
- Ensure the power source matches the compressor's voltage (240 Volts).
- Do not operate the compressor in wet or damp conditions.
- Keep children and unauthorized persons away from the operating area.
- Wear appropriate personal protective equipment, such as safety glasses, hearing protection, and gloves.
- Never direct compressed air at people or animals.
- Always depressurize the tank and disconnect from power before performing maintenance or moving the unit.
- The plastic cover protects hot and rotating parts; do not remove it during operation.

3. Setup

3.1 Unpacking and Component Identification

Carefully remove the compressor and all accessories from the packaging. Inspect for any damage during transit. The package should include the MBL6 compressor, an inflation gun, a spiral hose, and three nozzles.



Figure 3.1: Main components of the Michelin MBL6 Air Compressor.

- **Universal Coupling:** For connecting air tools and hoses.
- **Handle:** For easy portability.
- **Manometer (Pressure Gauge):** Displays the tank pressure.
- **Pressure Regulator:** Adjusts the output air pressure.
- **Condensate Drain:** For draining moisture from the tank.
- **Inflation Gun:** Included accessory for various inflation tasks.

3.2 Initial Setup

1. Place the compressor on a stable, level surface. The rubber feet ensure stability.
2. Ensure the power switch is in the 'OFF' position.
3. Connect the spiral hose to the universal air outlet on the compressor.
4. Attach the inflation gun or desired nozzle to the other end of the spiral hose.



Figure 3.2: Connecting the air hose to the compressor.



Figure 3.3: Power cord and switch location.

4. Operating Instructions

4.1 Powering On and Pressure Adjustment

1. Plug the power cord into a suitable 240V electrical outlet.
2. Flip the power switch to the 'ON' position. The compressor will begin to fill the tank with air.
3. Monitor the pressure gauge (manometer) until the desired pressure is reached, or the compressor automatically stops at its maximum pressure (8 bar).
4. Adjust the output air pressure using the pressure regulator knob. Turn clockwise to increase pressure, counter-clockwise to decrease.

4.2 Applications

The Michelin MBL6 is versatile and can be used for various tasks:



Figure 4.1: Common applications for the air compressor.

- **Inflating:** Use the inflation gun and appropriate nozzle for tires, sports equipment, and other inflatables.
- **Blowing:** Ideal for cleaning dust and debris from workspaces or equipment.
- **Airbrushing:** Provides consistent airflow for painting and detailing tasks.
- **Nailing:** Can power pneumatic nail guns for light to medium duty tasks.

Always ensure the air tool connected is compatible with the compressor's pressure and airflow capabilities.

5. Maintenance

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

5.1 Condensate Drain

Moisture accumulates in the air tank during operation. To prevent rust and ensure air quality, drain the condensate regularly, especially after each use or at least weekly, depending on humidity and usage frequency.

1. Ensure the compressor is turned off and unplugged.
2. Place a suitable container under the condensate drain valve located at the bottom of the tank.
3. Slowly open the drain valve to release air and moisture.
4. Close the valve once all moisture has been expelled.

5.2 Oil-Free Operation

The Michelin MBL6 is an oil-free compressor, which means it does not require oil changes or lubrication of the pump. This simplifies maintenance and provides cleaner air output.

5.3 General Cleaning

Keep the compressor clean and free of dust and debris. Use a damp cloth to wipe down the exterior. Do not use harsh chemicals or abrasive cleaners.

6. Troubleshooting

Problem	Possible Cause	Solution
Compressor does not start.	No power supply; Power switch off; Thermal overload activated.	Check power connection; Turn power switch ON; Allow compressor to cool down, then restart.
Low air pressure or slow recovery.	Air leaks in hose/connections; Pressure regulator set too low; Excessive air consumption.	Check all connections for leaks; Adjust pressure regulator; Use appropriate tool for task, or allow compressor to recover.
Excessive noise or vibration.	Loose components; Compressor not on a stable surface.	Check and tighten any loose parts; Ensure compressor is on a firm, level surface.
Moisture in air output.	Condensate not drained from tank.	Drain condensate from the tank (refer to Section 5.1).

For issues not listed here, please contact customer support.

7. Specifications

Feature	Specification
Model	MBL6
Part Number	1129981165
Tank Capacity	6 Liters

Feature	Specification
Motor Power	1.5 Horsepower
Voltage	240 Volts
Air Flow Capacity	160 LPM (Liters per Minute)
Maximum Pressure	8 Bars
Sound Level	75 dB
Item Weight	10 kg
Product Dimensions	12 x 9 x 19.5 cm
Material	Metal
Special Features	Portable, Lightweight, Oil-Free
Included Components	Inflation Gun, 3 nozzles, Spiral Hose, Compressor MBL6



Figure 7.1: Product dimensions.



Figure 7.2: Portability of the compressor.

8. Warranty and Support

Specific warranty information for the Michelin MBL6 Portable Air Compressor is typically provided with the product packaging or can be found on the official MICHELIN website. Please retain your proof of purchase for warranty claims.

For technical support, spare parts, or service inquiries, please refer to the contact information provided in your product's original documentation or visit the official MICHELIN support page online.

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