MICHELIN 009538

MICHELIN 009538 Air Compressor User Manual

Model: 009538

1. Introduction

Thank you for choosing the MICHELIN 009538 Air Compressor. This high-performance, portable air compressor is designed for efficient and convenient inflation of various items, including vehicle tires, bicycle tires, sports balls, and inflatable recreational items. Featuring a patented Direct Drive motor, it offers quiet, fast, and powerful inflation up to 7 bar (100 PSI).
Please read this manual thoroughly before operating the device to ensure safe and optimal performance. Keep this manual for future reference.

Figure 1: MICHELIN 009538 Air Compressor

2. Safety Instructions

WARNING: Failure to follow these safety instructions may result in electric shock, fire, and/or serious injury.

- Always read the entire user manual before operating the air compressor.
- Ensure the power source is 230V AC and matches the compressor's requirements.
- Do not operate the compressor in wet conditions or near flammable liquids or gases.
- Keep children and pets away from the compressor during operation.
- Do not leave the compressor unattended while it is running.
- Avoid over-inflating. Always check the recommended pressure for the item being inflated.
- Allow the compressor to cool down after extended use to prevent overheating.
- Do not modify the compressor or its components.
- Disconnect the power plug from the outlet when not in use or before cleaning.
- Use only original accessories and replacement parts.

3. Product Components and Package Contents

The MICHELIN 009538 Air Compressor package includes the following items:

- MICHELIN 009538 Air Compressor unit with integrated 85 cm inflation hose and 230V power cable.
- Brass screw-on nozzle for tire valves.
- Air bleed valve for pressure adjustment.
- Various inflation nozzles for bicycles, balls, and inflatable toys.

Figure 2: Air Bleed Valve and Brass Nozzle

Figure 3: Included Inflation Nozzles

The compressor features convenient storage for the valve cap and additional nozzles directly on the unit.

Figure 4: Nozzle Storage Compartment

4. Setup

1. **Unpack the Compressor:** Carefully remove the compressor and all accessories from the packaging.
2. **Power Connection:** Plug the 230V power cable into a standard 230V AC wall outlet. Ensure the outlet is easily accessible.
3. **Prepare for Inflation:**
    - Identify the item you wish to inflate and its recommended pressure (e.g., from a vehicle's door jamb sticker or tire sidewall).
    - Select the appropriate inflation nozzle if required (e.g., for bicycle valves, sports balls). For standard car/motorcycle tires, the brass screw-on nozzle is typically used directly.
    - Attach the selected nozzle securely to the inflation hose.

5. Operating Instructions

5.1 General Operation

1. **Connect to Item:** Screw the brass nozzle onto the tire valve stem or firmly insert the appropriate adapter into the item's inflation port.

Figure 5: Compressor connected to a tire

2. **Power On:** Press the power button on the compressor. The backlit digital display will illuminate, showing the current pressure.

Figure 6: Digital Display

Figure 7: Detailed view of the digital display

3. **Set Desired Pressure:** Use the '+' and '-' buttons to set the target pressure. The display allows you to switch between BAR, PSI, and KPA units.
4. **Start Inflation:** Press the inflation button to begin inflating. The compressor will automatically stop once the preset pressure is reached.
5. **Monitor Progress:** The digital display will show the real-time pressure during inflation.
6. **Disconnect:** Once inflation is complete, turn off the compressor (if it hasn't stopped automatically) and carefully disconnect the nozzle from the item.

5.2 Using the Air Bleed Valve

If you accidentally over-inflate an item, use the integrated air bleed valve to release pressure. Simply press the button on the valve to slowly release air until the desired pressure is achieved.

5.3 Using the LED Light

The compressor is equipped with an LED light for illumination in low-light conditions. Press the light button to turn it on or off.

Figure 8: LED Light and Carry Handle

5.4 Approximate Inflation Times

The following table provides approximate inflation times for various tire sizes. These times are for reference only and may vary based on the initial pressure, ambient temperature, and specific tire condition.

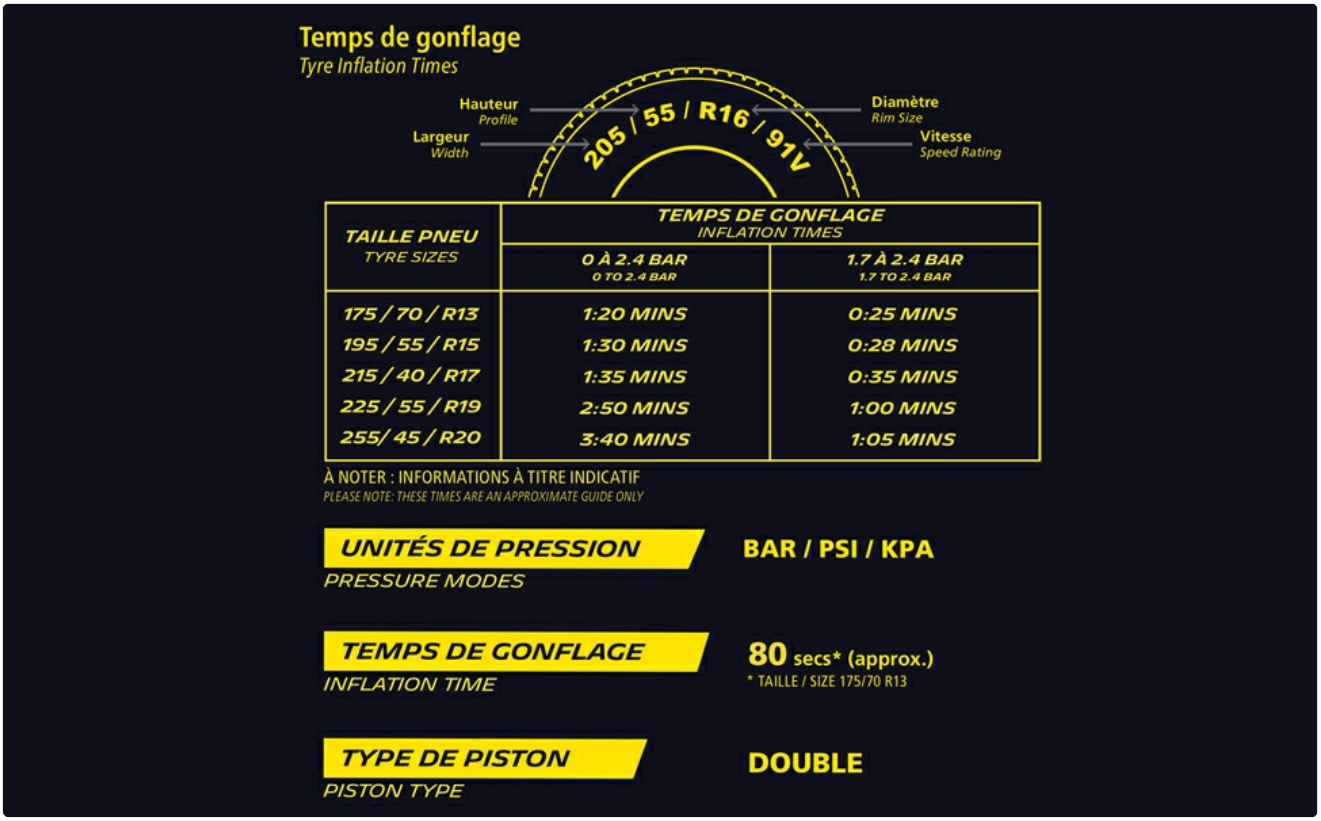

Figure 9: Tire Inflation Times Reference

Approximate Tire Inflation Times

Tire Size	0 to 2.4 BAR (0 to 35 PSI)	1.7 to 2.4 BAR (25 to 35 PSI)
175 / 70 R13	1:20 Mins	0:25 Mins
195 / 55 R15	1:30 Mins	0:28 Mins
215 / 40 R17	1:35 Mins	0:35 Mins
225 / 55 R19	2:50 Mins	1:00 Mins
255 / 45 R20	3:40 Mins	1:05 Mins

Note: These times are approximate guide only.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your MICHELIN Air Compressor.

- **Cleaning:** Wipe the exterior of the compressor with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the unit is unplugged before cleaning.
- **Hose and Nozzle Care:** Inspect the inflation hose and nozzles regularly for any signs of wear, cracks, or damage. Replace if necessary.
- **Storage:** Store the compressor in a dry, cool place, away from direct sunlight and extreme temperatures. Ensure the hose and power cable are neatly coiled and the nozzles are stored in their designated compartments on the unit.
- **Ventilation:** Keep the ventilation openings clear of dust and debris to ensure proper airflow and prevent overheating.

7. Troubleshooting

If you encounter issues with your MICHELIN Air Compressor, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Compressor does not turn on.	No power supply.	Check if the power cable is securely plugged into a working 230V outlet.
Compressor runs but does not inflate.	Hose or nozzle not securely connected; Leak in hose/nozzle.	Ensure the nozzle is tightly screwed onto the valve. Check hose and nozzle for damage or leaks.
Inaccurate pressure reading.	Nozzle not properly sealed; Sensor issue.	Ensure a tight seal between the nozzle and the valve. If problem persists, contact support.
Compressor overheats and shuts off.	Extended continuous use; Blocked ventilation.	Allow the compressor to cool down for at least 15-20 minutes. Ensure ventilation openings are clear. Avoid continuous operation for too long.

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

8. Specifications

Feature	Specification
Brand	MICHELIN
Model Number	009538
Manufacturer	IMPEX SAS
Color	Black
Material	Aluminum
Power Source	Electric Cable (230V)
Voltage	230 Volts
Maximum Power	360 Watt
Maximum Pressure	7 Bars (100 PSI)
Noise Level	86 dB
Hose Length	85 Centimeters
Special Features	Digital Display, LED Light
Weight	3.56 Kilograms
Recommended Use	Tire inflation

9. Warranty and Support

For warranty information and customer support, please refer to the documentation provided with your purchase or visit the official MICHELIN website. Keep your proof of purchase for any warranty claims.
If you require technical assistance or have questions not covered in this manual, please contact MICHELIN customer service.