

Güde 50138

Güde Airpower 275/8/50 Silent Compressor User Manual

Model: 50138 | Brand: Güde

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Güde Airpower 275/8/50 Silent Compressor. Please read these instructions carefully before initial use and keep them for future reference. This compressor is designed for generating compressed air for various applications, including tire inflation and powering pneumatic tools.

The Güde Airpower 275/8/50 is an oil-free, twin-piston compressor with a 50-liter tank, operating at 230V. Its silent design ensures a low noise level during operation.

2. SAFETY INFORMATION

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Failure to follow these instructions may result in serious injury or damage to the equipment.

- **Electrical Safety:** Ensure the compressor is connected to a properly grounded 230V power supply. Do not operate in wet conditions or with damaged cables.
- **Pressure Safety:** Never exceed the maximum operating pressure of the compressor or the connected tools. Always wear appropriate eye protection.
- **Ventilation:** Operate the compressor in a well-ventilated area to prevent overheating.
- **Maintenance:** Disconnect the power supply before performing any maintenance or repairs.
- **Children and Bystanders:** Keep children and unauthorized persons away from the operating compressor.

3. SETUP AND ASSEMBLY

Before operating the compressor, ensure all components are correctly assembled and inspected.

3.1 Unpacking and Inspection

Carefully remove the compressor from its packaging. Inspect for any signs of damage during transit. Report any damage to your supplier immediately.

3.2 Attaching Wheels and Handle

The compressor is equipped with wheels and a handle for portability. Attach the large wheels to the rear axle and the smaller swivel casters to the front support bracket. Secure the handle firmly to the main unit.



Figure 1: The Güde Airpower 275/8/50 Silent Compressor, showing the overall assembly with wheels and handle.



Figure 2: Rear view of the compressor, highlighting the sturdy handle and control panel with pressure gauges.

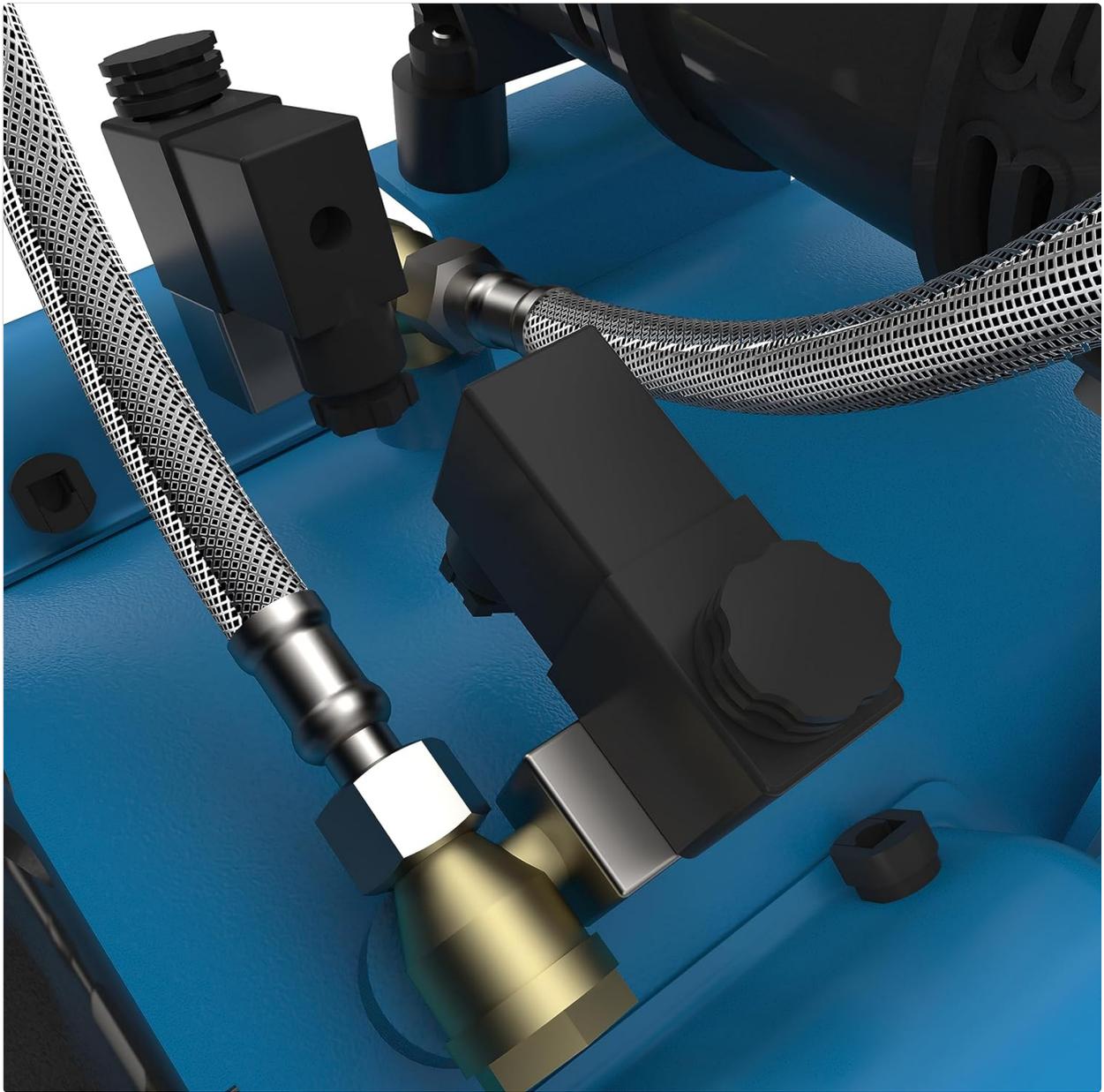


Figure 3: Close-up view of the robust wheels, designed for easy movement of the compressor.

3.3 Electrical Connection

Connect the compressor to a standard 230V, 50Hz electrical outlet. Ensure the circuit can handle the compressor's 1500W power consumption.

4. OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your compressor.

4.1 Starting the Compressor

1. Ensure the main power switch is in the 'OFF' position.
2. Plug the power cord into a suitable electrical outlet.
3. Turn the main power switch to the 'ON' position. The compressor will start to build pressure in the tank.
4. The compressor will automatically shut off once the maximum pressure is reached and restart when the pressure drops below a set threshold.

4.2 Adjusting Output Pressure

Use the pressure regulator knob located near the output quick-connect fitting to adjust the desired working pressure. The output pressure gauge will display the regulated pressure.



Figure 4: Detail of the twin-piston pump heads and air lines, showing the robust construction and connections.

4.3 Connecting Air Tools

Connect your pneumatic tools or accessories to the quick-connect fitting on the compressor. Ensure the connection is secure before operating the tool.



Figure 5: A user demonstrating tire inflation using the Güde Airpower compressor, highlighting its practical application.

4.4 Shutting Down

When finished, turn the main power switch to the 'OFF' position. Disconnect the power cord from the outlet. Release any remaining pressure from the tank by opening the drain valve or using an air tool until the pressure gauge reads zero.

5. MAINTENANCE

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

5.1 Draining Condensation

Condensation will accumulate in the air tank. It is crucial to drain this moisture daily or after each use to prevent corrosion and maintain air quality. Locate the drain valve at the bottom of the tank, open it to release water, and then close it securely.



Figure 6: Close-up of the drain valve located at the bottom of the compressor tank, used for releasing condensed moisture.

5.2 Cleaning

Keep the compressor clean and free from dust and debris. Use a dry cloth to wipe down the exterior. Do not use solvents or abrasive cleaners.

5.3 Oil-Free Design

This compressor features an oil-free design, eliminating the need for oil changes or oil level checks. This simplifies maintenance and provides cleaner air output.

6. TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Compressor does not start	No power supply Thermal overload activated	Check power connection and outlet Allow compressor to cool down, then reset thermal overload switch (if present)
Low output pressure	Pressure regulator set too low Air leaks in connections	Adjust pressure regulator Check all hose connections and fittings for leaks

Problem	Possible Cause	Solution
Compressor runs continuously	Air leaks in tank or connections Pressure switch malfunction	Inspect tank and connections for leaks Contact customer support for assistance
Excessive noise or vibration	Loose components Unit not on a stable surface	Check and tighten all fasteners Place compressor on a firm, level surface

7. SPECIFICATIONS

Key technical data for the Güde Airpower 275/8/50 Silent Compressor:

Feature	Value
Model Number	50138
Voltage	230 Volts
Power	1500 Watts (1.5 Kilowatt)
Air Flow Capacity	275 Litres per minute
Tank Capacity	50 Litres
Noise Level (LPA)	61 Decibels
Dimensions (L x W x H)	72 x 41.5 x 62.5 cm
Weight	42.6 Kilograms
Special Feature	Oil-free, Silent Operation



Figure 7: Dimensional diagram of the compressor, indicating length, width, and height measurements.

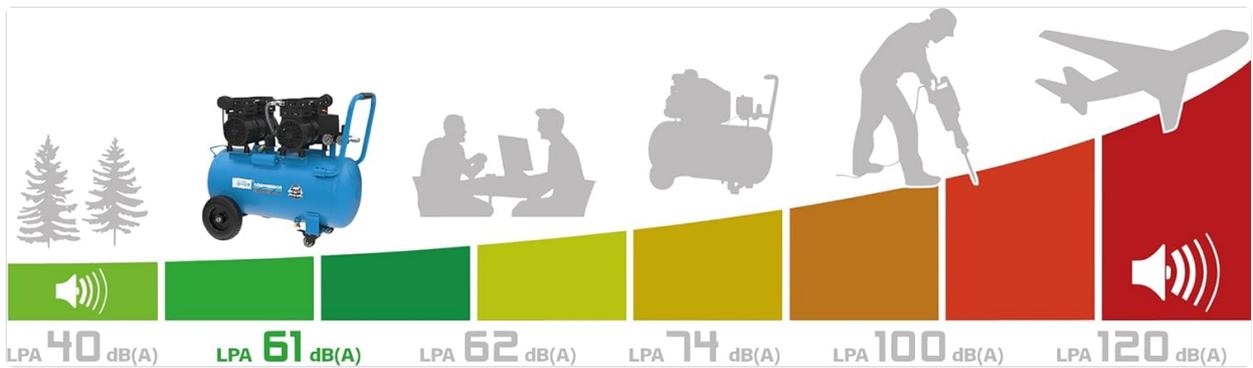


Figure 8: A visual comparison of the compressor's 61 dB(A) noise level against other common sounds, illustrating its quiet operation.

8. WARRANTY

This Güde compressor is covered by a manufacturer's warranty against defects in materials and workmanship. The specific terms and duration of the warranty may vary by region and retailer. Please retain your proof of purchase for any warranty claims. For detailed warranty information, refer to the documentation provided with your purchase or contact Güde customer support.

9. SUPPORT

For technical assistance, spare parts, or further inquiries regarding your Güde Airpower 275/8/50 Silent Compressor, please contact your authorized Güde dealer or visit the official Güde website for customer service contact details.