

ABAC Suitcase 0

ABAC Suitcase 0 Oil-Free Air Compressor User Manual

Model: Suitcase 0

INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your ABAC Suitcase 0 Oil-Free Air Compressor. Please read these instructions carefully before using the product and retain them for future reference.

The ABAC Suitcase 0 is a compact, oil-free air compressor designed for various applications, including inflating tires and other general-purpose tasks. Its portable design and 1.5 HP motor deliver a maximum pressure of 8 bar and an airflow capacity of 160 liters per minute.

SAFETY INFORMATION

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Keep the work area clean and well-lit. Do not operate the compressor in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.

- Ensure the power supply matches the voltage specified on the compressor's rating plate (230 Volts).
- Wear appropriate personal protective equipment, including eye protection.
- Never direct compressed air at people or animals.
- Disconnect the compressor from the power source before performing any maintenance or adjustments.
- Keep children and bystanders away while operating the compressor.

SETUP

Unpacking and Inspection

Carefully remove the compressor from its packaging. Inspect the unit for any signs of damage that may have occurred during shipping. If any damage is found, do not operate the compressor and contact your supplier.

Placement

Place the compressor on a stable, level surface in a clean, dry, and well-ventilated area. Ensure there is adequate space around the unit for proper airflow and cooling. Avoid placing it near heat sources or in direct sunlight.



Image: Front view of the ABAC Suitcase 0 Air Compressor, showing its compact design and handle.

Power Connection

Connect the power cord to a grounded electrical outlet that provides 230 Volts. Ensure the circuit can handle the compressor's maximum current draw of 5.3 Amperes.

Hose Connection

Connect the air hose (10 meters in length) to the compressor's air outlet. Ensure a secure connection to prevent air leaks.



Image: Side view of the ABAC Suitcase 0 Air Compressor with the blue cover open, revealing the coiled yellow air hose inside its storage compartment.

OPERATING INSTRUCTIONS

Starting the Compressor

1. Ensure all connections are secure and the compressor is placed on a stable surface.
2. Plug the power cord into a suitable electrical outlet.
3. Turn the power switch to the "ON" position. The compressor will start to build pressure.

Using the Compressor

Attach the appropriate air tool or inflation accessory to the end of the air hose. The compressor will continuously supply air as needed, up to its maximum pressure of 8 bar and airflow of 160 liters per minute.



Image: A person wearing gloves uses the ABAC Suitcase 0 Air Compressor to inflate a soccer ball, demonstrating a typical use case.

Stopping the Compressor

1. When finished, turn the power switch to the "OFF" position.
2. Disconnect the power cord from the outlet.
3. Release any remaining air pressure from the hose and tool.

MAINTENANCE

The ABAC Suitcase 0 is an oil-free compressor, which simplifies maintenance. However, regular checks are still important for optimal performance and longevity.

- **Cleaning:** Regularly clean the exterior of the compressor with a damp cloth. Ensure ventilation openings are free from dust and debris to prevent overheating.
- **Air Filter:** Check the air filter periodically. Clean or replace it if it appears clogged or dirty to maintain efficient airflow.
- **Hose and Connections:** Inspect the air hose and all connections for wear, cracks, or leaks before each use.

Replace damaged components immediately.

- **Storage:** When not in use, store the compressor in a clean, dry place, protected from extreme temperatures. The integrated hose compartment helps keep the hose tidy.



Image: Back view of the ABAC Suitcase 0 Air Compressor, showing the ventilation grilles and overall compact design.

TROUBLESHOOTING

This section addresses common issues you might encounter with your ABAC Suitcase 0 compressor.

Problem	Possible Cause	Solution
Compressor does not start.	No power supply; Power switch off; Thermal overload activated.	Check power cord and outlet; Turn power switch ON; Allow compressor to cool down, then restart.

Problem	Possible Cause	Solution
Low air pressure or flow.	Air leaks in hose or connections; Clogged air filter; Tool requires more air than compressor can supply.	Check and tighten connections, replace damaged hose; Clean or replace air filter; Use a tool compatible with compressor's specifications.
Excessive noise.	Loose components; Compressor operating continuously (normal for tankless models).	Check for and tighten any loose parts; Note that tankless compressors like the Suitcase 0 operate continuously to maintain pressure, which can result in constant noise (97 dB). This is a characteristic of the design.
Overheating.	Blocked ventilation; Prolonged heavy use.	Ensure ventilation openings are clear; Allow compressor to cool down between uses if operating for extended periods.

SPECIFICATIONS

Feature	Detail
Brand	ABAC
Model Name	Suitcase 0
Power Source	Corded Electric
Voltage	230 Volts
Maximum Power	1.5 Horsepower
Maximum Pressure	8 Bar
Airflow Capacity	160 Liters per minute
Noise Level	97 Decibels
Product Weight	5 Kilograms
Hose Length	10 Meters
Material	Aluminum
Special Feature	Stable, Portable, Oil-Free
Recommended Uses	Inflating tires, general purpose



Image: Diagram showing the dimensions of the ABAC Suitcase 0 Air Compressor: 30cm height, 20cm width, and 20cm depth.

WARRANTY AND SUPPORT

Warranty Information

The ABAC Suitcase 0 Air Compressor comes with a **2-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, spare parts, or warranty service, please contact ABAC customer support. You can find more information and contact details on the official ABAC website or through your retailer.
Visit the official ABAC store for additional products and information:[ABAC Store](#)

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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