

Scheppach HC06

Scheppach HC06 6L 8 Bar Air Compressor User Manual

Model: HC06

1. INTRODUCTION

Thank you for choosing the Scheppach HC06 6L 8 Bar Air Compressor. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new air compressor. Please read this manual thoroughly before initial use and keep it for future reference. This portable, oil-free compressor is designed for various tasks, including inflating, powering pneumatic tools, and operating spray painting equipment.

2. SAFETY INSTRUCTIONS

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 property damage.

General Safety

- **Read all instructions:** Familiarize yourself with the controls and proper use of the equipment.
- **Electrical Safety:** Ensure the power supply matches the voltage specified on the compressor. Use a grounded outlet and avoid using extension cords unless absolutely necessary and rated for the compressor's power requirements.
- **Operating Environment:** Operate the compressor in a well-ventilated area. Do not use in damp or wet conditions, or near flammable liquids or gases.
- **Personal Protective Equipment (PPE):** Always wear safety glasses or goggles. Hearing protection is recommended due to the noise level (97 dB).
- **Children and Bystanders:** Keep children and unauthorized persons away from the operating area.
- **Pressure Safety:** Never exceed the maximum operating pressure of the compressor or the tool being used. Do not direct compressed air at people or animals.
- **Maintenance:** Disconnect the power supply before performing any maintenance or adjustments.

3. PRODUCT OVERVIEW

The Scheppach HC06 is a compact and portable air compressor designed for ease of use and transport. It features an oil-free motor for reduced maintenance.



Figure 1: Scheppach HC06 Air Compressor with a coiled air hose, tire inflator with gauge, and blow gun.

Key Components:

- **Air Tank:** 6-liter capacity for storing compressed air.
- **Motor:** 1200W powerful, oil-free motor.
- **Pressure Gauges:** Displays tank pressure and regulated outlet pressure.
- **Pressure Regulator:** Allows adjustment of the output air pressure.
- **Quick Connector:** For easily attaching air hoses and tools.
- **Drain Valve:** Located at the bottom of the tank for draining condensation.
- **Carry Handle:** Integrated handle for easy portability.



Figure 2: The compact design and integrated handle make the HC06 easy to transport.

4. SETUP

Follow these steps for initial setup of your air compressor.

1. **Unpacking:** Carefully remove the compressor and all accessories from the packaging. Inspect for any shipping damage.
2. **Placement:** Place the compressor on a stable, level surface. Ensure there is adequate ventilation around the unit.
3. **Electrical Connection:** Connect the power cord to a grounded 230V electrical outlet.
4. **Attach Air Hose:** Connect your air hose to the quick connector on the compressor. Ensure a secure fit.
5. **Initial Run:** Before connecting any tools, turn on the compressor and allow it to build pressure until it automatically shuts off. Check for any unusual noises or air leaks.



Figure 3: The compressor is ready for use on a stable workbench.

5. OPERATING INSTRUCTIONS

This section details how to operate your Scheppach HC06 air compressor for various applications.

Starting and Stopping

- **To Start:** Flip the ON/OFF switch to the 'ON' position. The compressor will begin to build pressure.
- **Automatic Shut-off:** The compressor will automatically shut off once the maximum tank pressure (8 bar) is reached. It will restart automatically when the pressure drops below a certain threshold.
- **To Stop:** Flip the ON/OFF switch to the 'OFF' position.

Adjusting Output Pressure

1. Ensure the compressor is running and the tank is pressurized.
2. Turn the pressure regulator knob (usually red) to increase or decrease the output pressure. Observe the regulated pressure gauge.
3. Always set the output pressure according to the requirements of your air tool or application.

Using with Accessories and Tools



Figure 4: Inflating a car tire with the HC06 compressor and included accessories.

- **Tire Inflation:** Attach the tire inflator to the air hose. Connect the inflator to the tire valve and monitor the pressure gauge on the inflator.
- **Blowing/Cleaning:** Attach the blow gun to the air hose. Use short bursts of air for cleaning surfaces or drying.
- **Pneumatic Tools:** Connect your pneumatic tool to the air hose. Ensure the tool's operating pressure matches the regulated output pressure of the compressor.



Figure 5: The HC06 can power various pneumatic tools, such as this circular saw.

6. MAINTENANCE

The Scheppach HC06 is an oil-free compressor, requiring minimal maintenance. Regular checks ensure longevity and optimal performance.

Draining Condensation

Compressed air contains moisture, which condenses in the tank. This water must be drained regularly to prevent corrosion and maintain tank capacity.

1. Ensure the compressor is turned off and disconnected from the power supply.
2. Place a suitable container under the drain valve located at the bottom of the tank.
3. Slowly open the drain valve to release the condensed water and any remaining air pressure.
4. Close the drain valve securely once all water has been expelled.

General Cleaning and Storage

- **Cleaning:** Wipe down the exterior of the compressor with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the compressor in a dry, clean, and protected area when not in use. Ensure the tank is drained of condensation before storage.

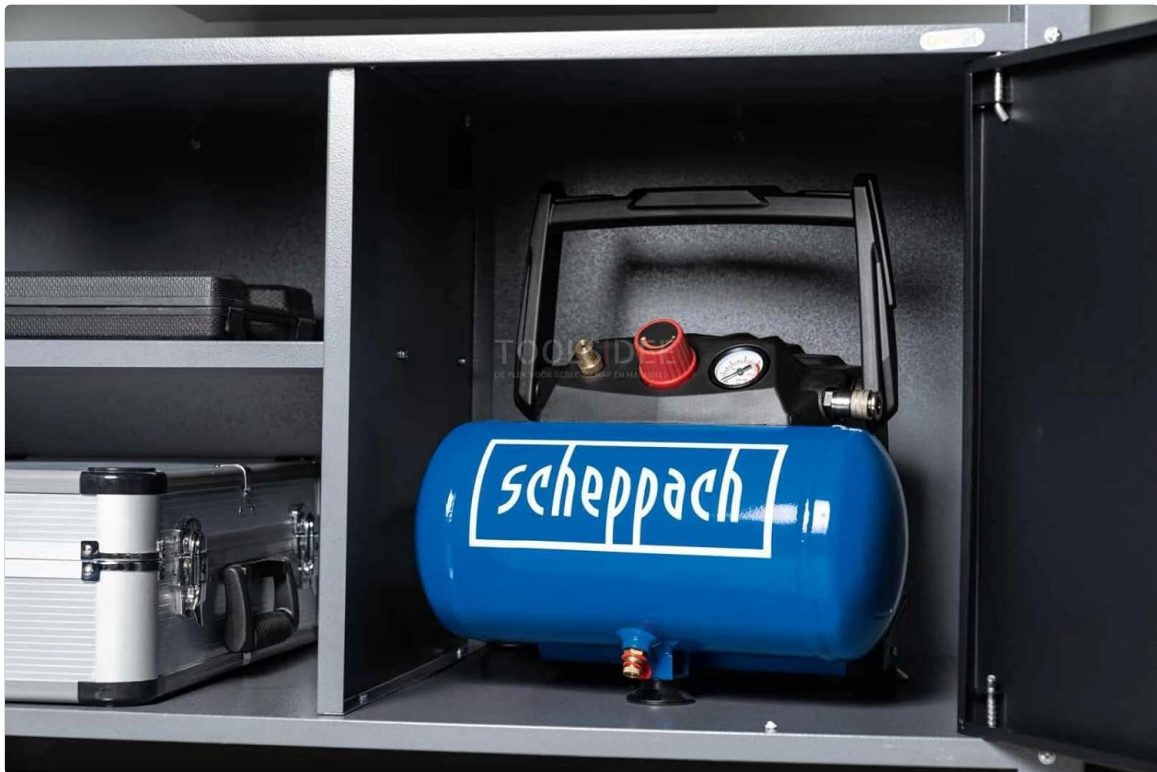


Figure 6: Proper storage helps protect the compressor and prolong its lifespan.

7. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your air compressor.

Problem	Possible Cause	Solution
Compressor does not start	No power supply ON/OFF switch in 'OFF' position Thermal overload activated	Check power connection and outlet Flip switch to 'ON' Allow compressor to cool down, then restart
Low or no air pressure at outlet	Pressure regulator set too low Air leak in hose or connections Tank pressure too low	Adjust regulator knob Check all connections for leaks, tighten or replace Allow compressor to build full tank pressure
Compressor runs continuously	Air leak in tank or connections Pressure switch malfunction	Check for leaks, tighten connections Contact customer support for service
Excessive noise or vibration	Loose components Compressor not on a level surface	Check and tighten all visible fasteners Place on a stable, level surface

8. SPECIFICATIONS

Feature	Specification
Brand	Scheppach
Model	HC06
Power	1200 W
Tank Volume	6 Liters
Maximum Operating Pressure	8 Bar
Air Flow Capacity	200 Liters Per Minute
Voltage	230 Volts
Noise Level	97 dB
Item Weight	11.7 Kilograms (25.7 pounds)
Product Dimensions (L x W x H)	12.76" x 10.87" x 13.78"
Special Feature	Portable, Oil-free
Included Components	Accessories (hose, tire inflator, blow gun, adapters)

9. WARRANTY AND SUPPORT




Scheppach products are manufactured to high-quality standards. This product comes with a manufacturer's warranty against defects in materials and workmanship. Please refer to the warranty card included with your purchase for specific terms and conditions, including the warranty period and claim procedures.

For technical assistance, spare parts, or warranty claims, please contact Scheppach customer support. Ensure you have your model number (HC06) and proof of purchase available when contacting support.

EU Spare Part Availability Duration: 7 Years

© 2024 Scheppach. All rights reserved.

Related Documents - HC06

	<p>Scheppach HC06 Kompressor: Bedienungsanleitung und Sicherheitshinweise</p> <p>Umfassende Bedienungsanleitung für den Scheppach HC06 Kompressor. Enthält wichtige Informationen zur sicheren Handhabung, technischen Daten, Wartung und Fehlerbehebung.</p>
	<p>Scheppach HC500 Kompressor Bedienungsanleitung</p> <p>Umfassende Bedienungsanleitung für den Scheppach HC500 Kompressor, inklusive Sicherheitshinweisen, technischen Daten und Wartungsanleitungen für den sicheren und effizienten Betrieb.</p>
	<p>Scheppach HC25Si Compressor: User Manual, Safety, and Technical Specifications</p> <p>Comprehensive guide for the Scheppach HC25Si compressor, covering setup, operation, safety instructions, technical data, maintenance, troubleshooting, and warranty information.</p>
	<p>Scheppach HC54 Kompressor Bedienungsanleitung</p> <p>Umfassende Bedienungsanleitung für den Scheppach HC54 Kompressor, die detaillierte Informationen zur sicheren Installation, Bedienung und Wartung des Geräts bietet. Enthält Sicherheitshinweise, technische Daten und Anleitungen zur Fehlerbehebung.</p>



[Scheppach HC550TC 230V Air Compressor User Manual](#)

Comprehensive user manual for the Scheppach HC550TC 230V air compressor, covering setup, operation, safety, maintenance, and troubleshooting. Includes detailed instructions and technical specifications.



[Scheppach HC53dc Air Compressor User Manual](#)

Comprehensive user manual for the Scheppach HC53dc air compressor, detailing setup, operation, safety instructions, and maintenance for optimal performance and longevity.