

## SCHEPPACH UK-HC 16W

# SCHEPPACH HC 16W DIY Wall Compressor User Manual

Model: UK-HC 16W

## 1. INTRODUCTION

Thank you for choosing the SCHEPPACH HC 16W DIY Wall Compressor. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new compressor. Please read this manual thoroughly before initial use and keep it for future reference.



Figure 1: SCHEPPACH HC 16W DIY Wall Compressor and included accessories (inflator with pressure gauge, 5m hose, 3 adapters).

## 2. SAFETY INSTRUCTIONS

Always observe basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury. This compressor is designed for DIY use and should not be used for commercial or industrial applications.

- Ensure the power supply matches the voltage specified on the compressor (230V).
- 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, when operating the compressor and air tools.
- Never direct compressed air at people or animals.
- Disconnect the compressor from the power supply before performing any maintenance or adjustments.
- Do not modify the compressor or its accessories.
- Ensure adequate ventilation when operating the compressor.

### 3. PRODUCT OVERVIEW

---

The SCHEPPACH HC 16W is a compact and portable oil-free air compressor designed for various DIY tasks. Its oil-free pump eliminates the need for lubrication, making it ready for immediate use.

#### Key Features:

- Compact and portable design.
- Oil-free pump for maintenance-free operation.
- Can be used on the ground or wall-mounted with the included bracket.
- Suitable for a range of air tools including tire inflators and blow guns.

#### Included Accessories:

- Inflator with Pressure Gauge
- 5m Flush Hose
- 3x Adapters

### 4. SETUP

---

#### Unpacking:

Carefully remove the compressor and all accessories from the packaging. Inspect for any damage that may have occurred during transit. Retain packaging for future storage or transport.

#### Placement:

The compressor can be placed on a stable, level surface or mounted to a wall. If wall-mounting, ensure the wall can support the weight of the compressor and that there is adequate space for ventilation and access to controls.

1. **Ground Use:** Place the compressor on a flat, stable surface, ensuring it is not obstructed and has good airflow around it.
2. **Wall Mounting:**
  - a. Identify a suitable location on a sturdy wall, preferably near a power outlet.
  - b. Use the provided wall mount bracket as a template to mark drilling points.
  - c. Drill holes and insert appropriate wall anchors (not included, depending on wall type).
  - d. Securely fasten the bracket to the wall.
  - e. Attach the compressor to the mounted bracket.

#### Connecting Accessories:

Connect the 5m flush hose to the air outlet on the compressor. Attach the desired air tool (e.g., inflator with pressure gauge) to the other end of the hose. Use the appropriate adapters as needed.

## 5. OPERATING INSTRUCTIONS

---

### Initial Start-up:

1. Ensure all connections are secure and the compressor is placed on a stable surface or securely wall-mounted.
2. Plug the power cord into a grounded 230V AC electrical outlet.
3. Turn the power switch (usually red, located on top of the unit) to the "ON" position. The compressor will begin to build pressure.
4. Allow the compressor to reach its maximum operating pressure (8 bar) and shut off automatically. This indicates proper function.

### Using Air Tools:

Once the compressor has built pressure, you can begin using your air tools. The compressor will automatically cycle on and off to maintain the desired pressure as you use air.

- **Tire Inflator:** Attach the inflator with pressure gauge to the hose. Connect it to the tire valve and monitor the pressure gauge while inflating.
- **Blow Gun:** Use the blow gun for cleaning dust and debris from surfaces. Always wear eye protection.
- **Adapters:** Use the included adapters for various inflation needs (e.g., sports balls, inflatable toys).

### Shutting Down:

1. Turn the power switch to the "OFF" position.
2. Unplug the compressor from the power outlet.
3. Release any remaining air pressure from the hose and tools by briefly activating the tool or using the pressure relief valve (if present).

## 6. MAINTENANCE

---

The SCHEPPACH HC 16W compressor features an oil-free pump, significantly reducing maintenance requirements. However, regular checks are still important for optimal performance and longevity.

- **Cleaning:** Regularly wipe down the exterior of the compressor with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure ventilation grilles are free from dust and debris.
- **Air Filter:** Check the air filter periodically for cleanliness. A clogged air filter can reduce compressor efficiency. Clean or replace as necessary (refer to manufacturer guidelines for replacement parts).
- **Hose and Connections:** Inspect the air hose and all connections for signs of wear, cracks, or leaks before each use. Replace damaged components immediately.
- **Storage:** When not in use, store the compressor in a clean, dry place, away from extreme temperatures and direct sunlight.

## 7. TROUBLESHOOTING

---

This section provides solutions to common issues you might encounter with your compressor. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Compressor does not start.	No power supply; Power switch off; Thermal overload.	Check power cord and outlet; Turn power switch ON; Allow compressor to cool down.
Compressor runs continuously or frequently.	Air leak in hose or connections; Excessive air tool usage.	Check all connections for leaks and tighten; Reduce continuous air tool usage; Inspect hose for damage.
Low air pressure.	Air leak; Clogged air filter; Insufficient power.	Check for leaks; Clean or replace air filter; Ensure proper voltage supply.
Unusual noise or vibration.	Loose components; Compressor not on stable surface.	Check and tighten any loose screws; Ensure compressor is on a stable, level surface.

## 8. SPECIFICATIONS





Parameter	Value
Model	UK-HC 16W
Manufacturer	SCHEPPACH
Brand	Pro Series
Input Power	1000W
Supply Voltage	230V AC
Max Operating Pressure	8 bar
Air Flow Capacity	160 L/min (LPM)
Dimensions (L x W x H)	350 x 370 x 210 mm
Pump Type	Oil-free

## 9. WARRANTY AND SUPPORT

This product comes with a UK Standard Manufacturer Term Warranty. For warranty claims or technical support, please contact your retailer or the manufacturer, SCHEPPACH, directly. Keep your proof of purchase for warranty validation. For further assistance, please refer to the contact information provided with your purchase or visit the official SCHEPPACH website.



### Related Documents

	<p><a href="#">Scheppach HC25Si Compressor: User Manual, Safety, and Technical Specifications</a></p> <p>Comprehensive guide for the Scheppach HC25Si compressor, covering setup, operation, safety instructions, technical data, maintenance, troubleshooting, and warranty information.</p>
	<p><a href="#">Scheppach HC 100dc Air Compressor Spare Parts List</a></p> <p>Detailed spare parts list for the Scheppach HC 100dc air compressor, including part numbers, German and English descriptions, and a diagram reference.</p>
	<p><a href="#">Scheppach HC500 Kompressor Bedienungsanleitung</a></p> <p>Umfassende Bedienungsanleitung für den Scheppach HC500 Kompressor, inklusive Sicherheitshinweisen, technischen Daten und Wartungsanleitungen für den sicheren und effizienten Betrieb.</p>
	<p><a href="#">Scheppach HC550TC 230V Air Compressor User Manual</a></p> <p>Comprehensive user manual for the Scheppach HC550TC 230V air compressor, covering setup, operation, safety, maintenance, and troubleshooting. Includes detailed instructions and technical specifications.</p>