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Einhell TE-AC 135/24 Silent Plus

Einhell TE-AC 135/24 Silent Plus Compressor User Manual

Model: TE-AC 135/24 Silent Plus (4020610)

1. INTRODUCTION

The Einhell TE-AC 135/24 Silent Plus compressor is a versatile and quiet air compressor designed for various tasks in your garage or workshop. This manual provides essential information for safe operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device.

Key features include a powerful 750 W motor, a 24-liter air tank, and a remarkably low noise level of 57 dB (LpA sound pressure), making it significantly quieter than standard compressors. Its oil-free pump design ensures minimal maintenance requirements.



Image: Einhell TE-AC 135/24 Silent Plus Compressor overview.

2. SAFETY INSTRUCTIONS

Read all safety warnings and instructions carefully before operating this product. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

2.1 General Safety

- Always wear appropriate personal protective equipment (PPE) such as safety glasses and hearing protection.
- Ensure the work area is clean, well-lit, and free from obstructions.
- Keep children and bystanders away while operating the compressor.
- Do not operate the compressor in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Always disconnect the power plug from the socket before making any adjustments, changing accessories, or storing the compressor.

2.2 Electrical Safety

- The compressor operates on 220 Volts. Ensure your power supply matches this requirement.
- Do not abuse the cord. Never use the cord for carrying, pulling, or unplugging the compressor. Keep cord away from heat, oil, sharp edges, or moving parts.
- Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges, and refrigerators.
- If operating the compressor in a damp location is unavoidable, use a residual current device (RCD) protected supply.

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your Einhell TE-AC 135/24 Silent Plus compressor.



Image: Front view of the Einhell TE-AC 135/24 Silent Plus Compressor.



Image: Full view of the black model of the Einhell TE-AC 135/24 Silent Plus Compressor.

3.1 Key Components

- **Air Tank (24 L):** Stores compressed air.
- **Motor (750 W):** Powers the compressor.
- **Pressure Reducer:** Adjusts the output pressure.
- **Pressure Gauges:** One for regulated operating pressure, one for tank pressure.
- **Quick Coupling:** For connecting air tools.
- **Drain Valve:** For draining condensation from the tank.
- **Safety Valve:** Releases excess pressure for safety.
- **Vibration-damping Support Feet:** Ensures stability and reduces noise.



Image: Close-up view of the pressure gauges and control knobs on the compressor.



Image: Detailed view of the two pressure gauges, showing PSI and Bar readings.

3.2 Silent and Oil-Free Design

This compressor features an oil-free motor, eliminating the need for oil changes and reducing maintenance. Its advanced design results in a low noise output of 57 dB, making it suitable for environments where noise reduction is important.

57 dB*
SILENT
* sound pressure LpA

Image: Graphic indicating 57 dB sound pressure level.



Image: Graphic indicating oil-free and no-maintenance motor.

4. SETUP

Follow these steps for initial setup of your compressor.

- Unpacking:** Carefully remove the compressor from its packaging. Inspect for any damage during transit.
- Placement:** Place the compressor on a stable, level surface. The vibration-damping feet should be in full contact with the ground. Ensure adequate ventilation around the unit.
- Electrical Connection:** Connect the power cable to a grounded 220 Volt power outlet. Ensure the power switch is in the "OFF" position before plugging in.
- Initial Check:** Before first use, ensure all connections are secure and the drain valve is closed.

5. OPERATING INSTRUCTIONS

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

5.1 Starting the Compressor

- Ensure the power cable is securely plugged in.
- Turn the power switch to the "ON" position. The compressor will start to fill the air tank until the maximum pressure (8 bar) is reached, then it will automatically shut off.
- Monitor the tank pressure gauge to confirm it reaches the desired level.

5.2 Adjusting Output Pressure

- Attach your air tool to the quick coupling.
- Use the pressure reducer knob to set the desired operating pressure. The regulated operating pressure gauge will show the current output pressure.
- The compressor will automatically restart when the tank pressure drops below a preset minimum, maintaining consistent air supply.

5.3 Applications

The Einhell TE-AC 135/24 Silent Plus compressor is suitable for a wide range of tasks:

COMPATIBLE AVEC:

Pistolet à air



Gonfleur pneumatique



Pistolet peinture + godet à gravité



Pistolet peinture + godet aspiration



Clé à chocs



Visseuse-clé à chocs



Agrafeuse/cloueuse

Image: Diagram showing compatibility with air guns, tire inflators, spray guns, impact wrenches, and staplers/nailers.

- **Inflating:** Car, motorcycle, and bicycle tires, balls, inflatable mattresses.
- **Painting and Lacquering:** With appropriate spray guns for various surfaces.
- **Blowing:** Cleaning dust and debris from surfaces or equipment.
- **Stapling/Nailing:** With pneumatic staplers or nailers for woodworking or upholstery.
- **Air Tools:** Powering impact wrenches, sandblasters, and other pneumatic tools.



Image: Man using a pneumatic stapler on furniture.



Image: Man painting a surface with a spray gun.



Image: Man inflating a car tire using the compressor.



Image: Man using an air gun to clean a surface.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your compressor.

6.1 Draining Condensation

Condensation accumulates in the air tank during operation. It is crucial to drain this regularly to prevent corrosion and maintain air quality.

1. Ensure the compressor is turned off and unplugged.
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.
4. Close the drain valve securely once all water has been drained.
5. Perform this procedure after each use or at least weekly, depending on usage frequency and humidity.



Image: Close-up view of the drain valve at the bottom of the compressor tank.

6.2 Oil-Free Motor

The TE-AC 135/24 Silent Plus features an oil-free motor, which means no oil changes or lubrication are required for the pump. This significantly reduces maintenance efforts.

6.3 General Cleaning

- Keep the compressor clean, especially the ventilation openings, to prevent overheating.
- Use a soft, damp cloth for cleaning. Do not use harsh chemicals or abrasive cleaners.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Compressor does not start.	<ul style="list-style-type: none"> • No power supply. • Power switch is OFF. • Thermal overload protection activated. 	<ul style="list-style-type: none"> • Check power plug and outlet. • Turn power switch ON. • Allow compressor to cool down, then restart.
Compressor runs continuously or frequently.	<ul style="list-style-type: none"> • Air leak in system or connections. • Drain valve open. • Heavy air consumption by tool. 	<ul style="list-style-type: none"> • Check all hoses and connections for leaks. • Ensure drain valve is fully closed. • Use a tool with lower air consumption or allow compressor to catch up.
Low output pressure.	<ul style="list-style-type: none"> • Pressure reducer set too low. • Air leak. • Clogged air filter (if applicable, though this model is oil-free). 	<ul style="list-style-type: none"> • Adjust pressure reducer to desired setting. • Check for and seal air leaks. • Ensure air intake is clear.
Excessive noise or vibration.	<ul style="list-style-type: none"> • Loose components. • Unstable surface. 	<ul style="list-style-type: none"> • Check and tighten any loose screws or fittings. • Ensure compressor is on a stable, level surface.

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

8. SPECIFICATIONS

Feature	Value
Model Number	4020610
Brand	Einhell
Power	750 Watts
Voltage	220 Volts
Max Pressure	8 Bars
Tank Capacity	24 Liters
Air Flow Capacity	135 Litres per minute
Noise Level (LpA)	57 dB
Noise Level (LwA)	78 dB

Feature	Value
Dimensions (L x W x H)	35.8 x 36.2 x 70.6 cm
Weight	22.15 Kilograms
Special Features	Oil-free, Maintenance-free
Power Source	Electric Cable

9. WARRANTY AND SUPPORT

Einhell is committed to quality and provides support for its products.

9.1 Tank Warranty

The air tank of your Einhell TE-AC 135/24 Silent Plus compressor is guaranteed for **10 years against corrosion**. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, spare parts, or warranty inquiries, please contact Einhell customer service. Refer to the official Einhell website or your purchase documentation for contact details specific to your region.

You can also visit the official Einhell store for more information:[Einhell Store](#)