

## Einhell TE-AC 230/24

# Einhell TE-AC 230/24 Air Compressor User Manual

Model: TE-AC 230/24

## 1. INTRODUCTION AND SAFETY INFORMATION

---

Thank you for choosing the Einhell TE-AC 230/24 air compressor. This manual provides essential information for the safe and efficient operation, setup, and maintenance of your compressor. Please read all instructions carefully before use and keep this manual for future reference.

### General Safety Guidelines

- Always wear appropriate personal protective equipment, such as safety glasses and hearing protection, when operating the compressor.
- Ensure the compressor is placed on a stable, level surface to prevent tipping.
- Do not operate the compressor in wet or damp conditions.
- Regularly check all connections and hoses for damage or leaks.
- Never direct compressed air at people or animals.
- The compressor is equipped with a non-return valve and a safety valve for optimal user safety. Do not tamper with these safety devices.
- Disconnect the compressor from the power supply before performing any maintenance or cleaning.

## 2. PRODUCT OVERVIEW

---

The Einhell TE-AC 230/24 is a powerful and compact oil-free air compressor designed for various applications. Its 24-liter tank provides sufficient compressed air reserves.

### Key Components

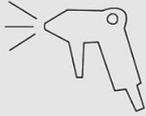
- **Pressure Gauge:** Displays the tank pressure and working pressure.
- **Pressure Reducer:** Allows adjustment of the working pressure.
- **Quick-Lock Coupling:** For connecting air tools and hoses.
- **Drain Cock:** Located at the bottom of the tank for condensate removal.
- **Wheels and Handle:** For easy transport.

- **Suction Cup Foot:** Provides stability and reduces vibration during operation.



Figure 2.1: Main view of the Einhell TE-AC 230/24 Air Compressor, showcasing its compact design, red tank, and black motor housing.

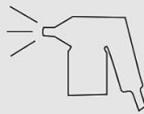
## GEEIGNET FÜR:



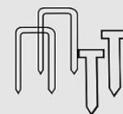
Ausblaspistole



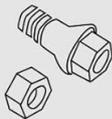
Farbspritzpistole  
Fließbecher



Farbspritzpistole  
Saugbecher



Tacker/Nagler



Schlagschrauber



Ratschenschrauber



Reifenfüller



Figure 2.2: Close-up view of the compressor's control panel, showing two pressure gauges and the red pressure regulator knob for adjusting output pressure.



Figure 2.3: Side view of the compressor, highlighting the 24-liter red tank, sturdy wheels for mobility, and the drain plug at the bottom for condensate removal.

### 3. SETUP

---

Before operating your compressor, ensure all components are correctly assembled.

#### Assembly Steps

1. **Attach the Wheels:** Securely fasten the wheels to the compressor frame using the provided hardware. The ergonomic design with wheels allows for easy transport.
2. **Install the Suction Cup Foot:** Mount the suction cup foot to the front support. This foot helps absorb shocks and vibrations, contributing to safe operation and reducing noise.
3. **Connect the Handle:** Attach the transport handle to the compressor body.
4. **Initial Inspection:** Before first use, check all connections for tightness and ensure no parts are damaged.



Figure 3.1: Close-up of one of the compressor's robust wheels, designed for easy maneuverability.



Figure 3.2: Close-up of the anti-vibration suction cup foot, which provides stability and reduces operational noise.

## 4. OPERATING INSTRUCTIONS

---

The Einhell TE-AC 230/24 is an oil-free compressor, requiring minimal maintenance. It provides sufficient compressed air for various tasks.

### Basic Operation

1. **Power Connection:** Connect the compressor to a suitable power outlet (230 Volts).
2. **Turn On:** Switch on the compressor. It will begin to fill the 24-liter tank with compressed air.
3. **Adjust Pressure:** The pressure can be controlled and adjusted between 0 and 8 bar using the pressure reducer. The current pressure is indicated by the manometer.
4. **Connect Tools:** Attach your air tools or accessories to the quick-lock coupling.
5. **Monitor Pressure:** The compressor will automatically restart when the tank pressure drops below a certain level to maintain sufficient air reserves.



Figure 4.1: Detail of the pressure gauges and the quick-lock coupling, illustrating where air tools are connected and how pressure is monitored.

## Recommended Applications

This compressor is suitable for a range of applications, including:

- Blowing out dust and debris.
- Operating nail guns and staplers.
- Paint spraying with various spray guns.
- Using impact wrenches and ratchet wrenches.
- Inflating tires and other inflatables.



Figure 4.2: An illustrative diagram showing common applications for the Einhell air compressor, including blow guns, paint spray guns, nailers, impact wrenches, and tire inflators.



Figure 4.3: A person wearing protective gear using a spray gun, powered by an air compressor, to apply coating under a vehicle, demonstrating a practical application.

## 5. MAINTENANCE

---

Regular maintenance ensures the longevity and optimal performance of your Einhell TE-AC 230/24 compressor.

### Routine Maintenance

- **Drain Condensate:** After each use, or at least daily, open the drain cock at the bottom of the tank to evacuate any accumulated condensate. This prevents rust and ensures efficient operation.
- **Check for Leaks:** Periodically check all hoses, connections, and the tank for any air leaks. Leaks can reduce efficiency and put strain on the motor.
- **Clean Air Filter:** Inspect and clean the air filter regularly to ensure proper airflow and prevent dust from entering the motor.
- **Oil-Free Design:** This compressor is oil-free and does not require lubrication, significantly reducing maintenance effort.



Figure 5.1: Close-up of the drain cock located at the bottom of the compressor tank, with an icon indicating the release of water, emphasizing the importance of draining condensate.

## 6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Compressor does not start	No power supply; Thermal overload protection activated; Faulty switch	Check power connection; Allow compressor to cool down; Contact customer support
Compressor runs continuously or frequently	Air leak in system; Drain cock open; Excessive air consumption	Check all connections and hoses for leaks; Ensure drain cock is closed; Use appropriate tools for the task
Low air pressure	Pressure reducer set too low; Air leak; Clogged air filter	Adjust pressure reducer; Check for leaks; Clean or replace air filter

Problem	Possible Cause	Solution
Excessive noise or vibration	Loose components; Uneven surface; Damaged motor	Tighten all fasteners; Place on a stable, level surface; Contact customer support

## 7. SPECIFICATIONS

Feature	Value
Brand	Einhell
Model Name	TE-AC 230/24
Item Model Number	4010460
Product Dimensions (L x W x H)	61 x 28 x 63 cm
Item Weight	22.9 Kilograms
Voltage	230 Volts
Maximum Power	1500 Watt
Motor Power	1200 Watt
Capacity	24 Liters
Air Flow Rate	230 Liters per minute
Noise Level	94 Decibels
Power Source	Corded Electric
Special Feature	Oil-free Air Compressor
Included Components	1 Compressor
Material Type	Plastic, Metal
Color	Red

## 8. WARRANTY AND SUPPORT

### Warranty Information

The compressor tank is guaranteed for **10 years against corrosion**. Please retain your proof of purchase for warranty claims. For specific warranty terms and conditions, refer to the documentation provided with your product.

### Customer Support

For technical assistance, spare parts, or any questions regarding your Einhell TE-AC 230/24 air compressor, please contact Einhell customer support. You can find more information and contact details on the official Einhell website or through their brand store:

[Visit the Einhell Brand Store](#)

