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## CEVIK PRO PRO-50SILENC

# CEVIK PRO CA-PRO50SILENC 50L 1.5HP Silent Compressor User Manual

Model: PRO-50SILENC

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## 1. INTRODUCTION

Thank you for choosing the CEVIK PRO CA-PRO50SILENC 50L 1.5HP Silent 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 using the product and keep it for future reference. This compressor is designed for various applications such as blowing, inflating, painting, and powering pneumatic nailers and staplers. Its oil-free and silent design ensures low maintenance and quiet operation.

## 2. SAFETY INSTRUCTIONS

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury when using this product.

### 2.1 General Safety

- **Read all instructions:** Familiarize yourself with the controls and proper use of the compressor.
- **Work area:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents.
- **Keep children away:** Do not allow children or untrained persons to operate the compressor.
- **Wear appropriate attire:** Do not wear loose clothing or jewelry. Keep hair, clothing, and gloves away from moving parts.
- **Eye protection:** Always wear safety glasses or goggles when operating the compressor.
- **Hearing protection:** Although silent, prolonged exposure to any machinery noise can be harmful. Use hearing protection if necessary.
- **Stay alert:** Do not operate the compressor when you are tired or under the influence of drugs, alcohol, or medication.

## 2.2 Electrical Safety

- **Grounding:** Ensure the compressor is properly grounded. Do not modify the plug.
- **Power cord:** Do not abuse the power cord. Never use the cord for carrying, pulling, or unplugging the compressor. Keep the cord away from heat, oil, sharp edges, or moving parts.
- **Extension cords:** If an extension cord is used, ensure it is rated for outdoor use and has adequate wire gauge for the compressor's power requirements.
- **Moisture:** Do not expose the compressor to rain or wet conditions. Do not operate in damp or wet locations.

## 2.3 Operation Safety

- **Maximum pressure:** Do not exceed the maximum operating pressure of the compressor or any attached tools.
- **Air tank:** Do not attempt to repair or modify the air tank. Do not weld or drill into the air tank.
- **Ventilation:** Operate the compressor in a well-ventilated area.
- **Disconnect power:** Always disconnect the power supply before performing any maintenance or adjustments.
- **Hot surfaces:** Some parts of the compressor may become hot during operation. Avoid contact.

## 3. PRODUCT OVERVIEW

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The CEVIK PRO CA-PRO50SILENC is a portable, oil-free, and silent air compressor. Below is an illustration of the main components.



Figure 1: CEVIK PRO CA-PRO50SILENC Compressor. This image shows the overall structure of the black 50L silent compressor with its four motor heads, pressure gauges, air outlets, wheels, and pull handle.

## Key Components:

- **Motor Heads:** Multiple oil-free motor heads for efficient and quiet operation.
- **Air Tank (50L):** Stores compressed air.
- **Pressure Gauges:** Display tank pressure and regulated outlet pressure.
- **Pressure Regulator:** Adjusts the output air pressure.
- **Air Outlets:** Double air outlets for connecting pneumatic tools.
- **Drain Valve:** Located at the bottom of the tank for moisture removal.
- **Wheels and Handle:** For easy portability.
- **Power Switch:** On/Off control for the compressor.

## 4. SETUP

Before initial use, ensure the compressor is placed on a stable, level surface in a well-ventilated area.

1. **Unpacking:** Carefully remove the compressor from its packaging. Inspect for any shipping damage.
2. **Wheel Assembly (if required):** Attach the wheels and handle according to the included assembly instructions. (*Note: The product image shows wheels and a handle already attached, but some models may require minor assembly.*)
3. **Positioning:** Place the compressor on a firm, level surface. Ensure there is adequate space around the unit for ventilation.
4. **Electrical Connection:** Connect the power cord to a grounded electrical outlet that matches the voltage specifications (230 Volts).
5. **Initial Drain:** Ensure the drain valve at the bottom of the air tank is closed before starting.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Starting the Compressor

1. Ensure all connections are secure and the drain valve is closed.
2. Turn the power switch to the "ON" position. The compressor will begin to fill the air tank.
3. Allow the compressor to run until it reaches its maximum pressure and automatically shuts off. This indicates the tank is full.

### 5.2 Adjusting Output Pressure

1. Connect your pneumatic tool or air hose to one of the air outlets.
2. Use the pressure regulator knob to adjust the desired output pressure. The regulated pressure will be displayed on the corresponding gauge.
3. Always refer to your tool's manual for its recommended operating pressure.

### 5.3 Stopping the Compressor

1. Turn the power switch to the "OFF" position.
2. Disconnect the power cord from the electrical outlet.
3. Bleed any remaining air from the tank by opening the drain valve or using an air tool until the pressure gauge reads zero.

## 6. MAINTENANCE

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The CEVIK PRO CA-PRO50SILENC compressor is designed to be maintenance-free due to its oil-free design. However, regular checks are recommended to ensure longevity and optimal performance.

- **Drain the Air Tank:** Moisture accumulates in the air tank during operation. To prevent rust and ensure efficient operation, drain the air tank daily or after each use.
  - a. Turn off the compressor and disconnect it from the power supply.
  - b. Place a suitable container under the drain valve located at the bottom of the tank.
  - c. Slowly open the drain valve to release condensed water and air.
  - d. Close the drain valve once all moisture has been expelled.
- **Clean Air Filters:** Periodically check and clean the air filters on the motor heads. Dust and debris can reduce efficiency.
- **Inspect Hoses and Fittings:** Regularly check air hoses and fittings for wear, cracks, or leaks. Replace damaged components immediately.

- **General Cleaning:** Keep the exterior of the compressor clean. Wipe down with a damp cloth. Do not use harsh chemicals.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Compressor does not start.	No power supply. Power switch is off. Thermal overload activated.	Check power connection and outlet. Turn power switch to ON. Allow compressor to cool down, then reset.
Compressor runs continuously or frequently.	Air leak in tank or fittings. Drain valve open. Pressure switch malfunction.	Check all connections and hoses for leaks. Close drain valve. Contact qualified service personnel.
Low air pressure at outlet.	Pressure regulator set too low. Air leak in hose or tool. Clogged air filter.	Adjust pressure regulator. Check for leaks. Clean or replace air filter.
Excessive moisture in air.	Tank not drained regularly.	Drain the air tank daily or after each use.

If you encounter problems not listed here or if solutions do not resolve the issue, please contact customer support.

## 8. SPECIFICATIONS

Feature	Detail
Brand	CEVIK PRO
Model Number	PRO-50SILENC
Voltage	230 Volts
Power Source	Corded Electric
Maximum Power	1.5 Horsepower
Tank Volume	50 Liters
Noise Level	59 Decibels
Item Weight	26 Kilograms (57.2 pounds)
Product Dimensions	29.13 x 12.6 x 25.98 inches
Special Feature	Portable, Oil-free, Silent
Recommended Uses	Spraying, blowing, inflating, pneumatic tools

## 9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or contact CEVIK PRO customer service directly. Keep your purchase receipt as proof of purchase.  
For technical assistance or spare parts, please visit the official CEVIK PRO website or contact your local dealer.