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CEVIK PRO CA-PRO50VX

CEVIK PRO CA-PRO50VX Air Compressor User Manual

Model: CA-PRO50VX | Brand: CEVIK PRO

1. IMPORTANT SAFETY INFORMATION

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

- **Electrical Safety:** Ensure the power supply matches the compressor's voltage (230 Volts). Do not operate in wet conditions.
- **Pressure Safety:** Never exceed the maximum operating pressure of 8 Bar. Do not tamper with the pressure relief valve.
- **Personal Protective Equipment (PPE):** Always wear safety glasses or goggles. Hearing protection is recommended due to the 72 dB noise level.
- **Ventilation:** Operate the compressor in a well-ventilated area to prevent heat buildup and ensure proper air intake.
- **Maintenance:** Disconnect power before performing any maintenance. Regularly drain condensation from the tank.
- **Children and Bystanders:** Keep children and bystanders away from the operating compressor.
- **Flammable Materials:** Do not operate the compressor near flammable liquids, gases, or dust.

2. PRODUCT OVERVIEW

The CEVIK PRO CA-PRO50VX is a robust 50-liter air compressor designed for various pneumatic applications. Featuring a 3HP motor and a V-head cylinder configuration, it delivers a high airflow capacity of 357 liters per minute, suitable for demanding tasks such as painting, drilling, sanding, and tire inflation. Its oil-lubricated system ensures durability and smooth operation.



Figure 1: CEVIK PRO CA-PRO50VX Air Compressor. This image shows the complete unit with its 50-liter tank, V-head motor, pressure gauges, and wheels for portability.



Figure 2: Close-up of the V-head motor assembly. This design enhances cooling and optimizes performance for intensive use.

3. SETUP INSTRUCTIONS

Follow these steps to prepare your compressor for first use:

1. **Unpacking:** Carefully remove the compressor from its packaging. Inspect for any shipping damage.
2. **Wheel and Handle Assembly:** Attach the wheels and ergonomic handle using the provided hardware. Refer to the included assembly diagram for specific instructions.
3. **Oil Level Check:** Before first use, verify the oil level in the crankcase. The compressor is oil-lubricated; ensure the oil level is between the minimum and maximum marks on the dipstick or sight glass. Add appropriate compressor oil if necessary.
4. **Air Filter Installation:** Install the air filters onto the intake ports of the compressor head.
5. **Placement:** Position the compressor on a firm, level surface in a well-ventilated area, away from walls or obstructions to allow for proper airflow and cooling.
6. **Electrical Connection:** Connect the power cord to a grounded 230 Volt electrical outlet. Ensure the circuit can handle the compressor's power requirements (3HP / 2237.1 Watts).

4. OPERATING INSTRUCTIONS

Operating your CEVIK PRO CA-PRO50VX compressor:

1. **Initial Break-in (First Use):** For the first 30 minutes of operation, run the compressor with the tank drain valve open and the pressure regulator set to minimum. This allows the internal components to seat properly.
2. **Power On:** Turn the main power switch to the "ON" position. The compressor will begin to build pressure in the tank.
3. **Pressure Adjustment:** Use the pressure regulator knob to set the desired output pressure for your pneumatic tool. The two air outlets allow for simultaneous connection of two tools.
4. **Connecting Tools:** Attach your pneumatic tool to one of the quick-connect air outlets. Ensure connections are secure.
5. **Automatic Operation:** The compressor will automatically shut off when the maximum pressure is reached and restart when the pressure drops below a preset level.
6. **Power Off:** When finished, turn the main power switch to the "OFF" position.
7. **Depressurize:** Before disconnecting tools or performing maintenance, open the tank drain valve to release all air pressure from the tank.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your compressor.

- **Daily:**
 - **Drain Condensation:** Open the drain valve at the bottom of the tank to release accumulated moisture. This prevents rust and extends tank life.
 - **Check Oil Level:** Ensure the oil level is within the recommended range.
- **Weekly / Every 20 Hours of Operation:**
 - **Clean Air Filter:** Remove and clean the air filter element. Replace if damaged or excessively dirty.
- **Monthly / Every 50 Hours of Operation:**
 - **Change Oil:** Replace the compressor oil with a suitable, non-detergent compressor oil. Refer to the manufacturer's recommendations for oil type.
 - **Inspect Hoses and Fittings:** Check for leaks, cracks, or damage. Replace any faulty components.
- **Annually:**
 - **Safety Valve Check:** Briefly pull the ring on the safety relief valve to ensure it operates freely.

Always disconnect the compressor from the power source before performing any maintenance.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Compressor does not start.	No power, tripped circuit breaker, faulty switch.	Check power connection, reset breaker, inspect switch.
Compressor runs continuously or frequently.	Air leak in system, check valve malfunction, excessive air demand.	Check all connections for leaks, inspect check valve, reduce air tool usage.
Low air pressure at outlet.	Regulator set too low, air leak, clogged air filter.	Adjust regulator, check for leaks, clean/replace air filter.
Excessive noise or vibration.	Loose components, low oil level, worn parts.	Tighten fasteners, check/add oil, consult service if persistent.
Moisture in air line.	Tank not drained regularly.	Drain tank daily. Consider an inline air dryer for sensitive applications.

7. SPECIFICATIONS

Feature	Value
Model Number	CA-PRO50VX
Brand	CEVIK PRO
Tank Capacity	50 Liters
Motor Power	3 HP (2237.1 Watts)
Voltage	230 Volts

Feature	Value
Maximum Pressure	8 Bar
Air Flow Capacity	357 Liters per minute
Noise Level	72 Decibels
Special Features	V-Head, Portable, Dual Air Outlets
Weight	45 Kilograms
Recommended Uses	Screwing, drilling, sanding, nailing, tire inflation

8. WARRANTY AND SUPPORT

Warranty Information

This CEVIK PRO CA-PRO50VX air compressor comes with a standard manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms, conditions, and duration. Keep your proof of purchase for any warranty claims.

Customer Support

For technical assistance, spare parts, or service inquiries, please contact CEVIK PRO customer support. Contact details can typically be found on the manufacturer's official website or on the packaging materials.

- **Online Support:** Visit the official CEVIK PRO website for FAQs and support resources.
- **Service Centers:** Locate authorized service centers for professional repairs.