

Husky RELC24

Husky RELC24 Air Compressor User Manual

Model: RELC24 | Brand: Husky

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, maintenance, and troubleshooting of your Husky RELC24 Air Compressor. Please read this manual thoroughly before using the compressor and keep it for future reference.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in serious injury or property damage.

- Always wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, and gloves.
- Ensure the compressor is placed on a stable, level surface.
- Do not operate the compressor in wet or damp conditions, or in the presence of flammable liquids or gases.
- Disconnect the power supply before performing any maintenance or adjustments.
- Never direct compressed air at yourself or others.
- Regularly inspect the compressor for damage, loose connections, or leaks.
- Keep children and unauthorized persons away from the operating compressor.
- Ensure adequate ventilation when operating the compressor.

3. PRODUCT OVERVIEW

The Husky RELC24 is a 25-liter, 2 HP single-phase air compressor designed for various domestic and light-duty professional applications such as painting, blowing, varnishing, and cleaning parts. It features a robust design with wheels for easy transport and includes a pressure regulator and manometer for precise control.

Key Components:

- Air Tank (25 Liters)
- Electric Motor (2 HP / 1500 kW)
- Pressure Switch
- Pressure Regulator
- Manometer (Pressure Gauge)
- Safety Valve
- Drain Valve
- Air Outlet Coupling
- Wheels and Handle for Portability



Figure 3.1: Front-side view of the Husky RELC24 Air Compressor, showing the motor, tank, and handle.



Figure 3.2: Side view of the Husky RELC24 Air Compressor, highlighting the wheels for easy transport.

4. SETUP

1. **Unpacking:** Carefully remove the compressor from its packaging. Inspect for any shipping damage.
2. **Attach Wheels (if not pre-assembled):** Securely attach the wheels to the compressor base using the provided hardware.
3. **Positioning:** Place the compressor on a firm, level surface in a well-ventilated area. Ensure there is at least 30 cm (1 foot) of clear space around the compressor for proper airflow.
4. **Power Connection:** Ensure the power switch is in the "OFF" position. Connect the power cord to a grounded 127V

/ 60 Hz electrical outlet. Do not use extension cords unless absolutely necessary, and ensure any extension cord is rated for the compressor's power requirements.

5. **Initial Check:** Before first use, ensure all connections are tight and the drain valve at the bottom of the tank is closed.



Figure 4.1: Back view of the Husky RELC24 Air Compressor, showing the power cord connection and the ON/OFF switch.

5. OPERATING INSTRUCTIONS

1. **Start-up:** Turn the power switch to the "ON" position. The compressor will start to build pressure in the tank.

- 2. **Pressure Build-up:** The compressor will run until the tank pressure reaches its maximum (115 PSI / 8 Bar), then it will automatically shut off. It will restart automatically when the pressure drops below a preset level.
- 3. **Connecting Air Tools:** Attach your air tool to the air outlet coupling.
- 4. **Adjusting Output Pressure:** Use the pressure regulator knob to set the desired output pressure for your air tool. Monitor the manometer to ensure the correct pressure is set.
- 5. **Shut-down:** When finished, turn the power switch to the "OFF" position. Disconnect the air tool and release any remaining air pressure from the tank by opening the drain valve or using an air tool.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your air compressor.

- **Daily:**
 - **Drain Condensation:** After each use, or daily if used frequently, open the drain valve at the bottom of the tank to release accumulated moisture. This prevents rust and corrosion inside the tank.
 - **Inspect for Leaks:** Check all air connections and hoses for leaks.
- **Weekly/Monthly:**
 - **Clean Air Filter:** Inspect and clean the air filter. A clogged filter reduces compressor efficiency. Replace if damaged.
 - **Check Fasteners:** Ensure all nuts, bolts, and screws are tight.
- **Annually:**
 - **Safety Valve Check:** Briefly pull the ring on the safety valve to ensure it operates freely and releases air.
 - **Professional Inspection:** Consider having the compressor professionally inspected.

IMPORTANT: Always disconnect the power supply before performing any maintenance.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Compressor does not start.	No power supply; Power switch off; Thermal overload activated.	Check power connection and outlet; Turn power switch ON; Allow motor to cool down and reset.
Compressor runs continuously or frequently.	Air leak in system; Drain valve open; Excessive air demand.	Check all connections and hoses for leaks; Close drain valve; Reduce air tool usage or use a tool with lower air consumption.
Low air pressure at outlet.	Pressure regulator set too low; Clogged air filter; Air leak.	Adjust pressure regulator; Clean or replace air filter; Check for and repair air leaks.

Problem	Possible Cause	Solution
Excessive noise or vibration.	Loose components; Compressor not on a level surface.	Tighten all fasteners; Ensure compressor is on a stable, level surface.

8. SPECIFICATIONS

- **Model:** RELC24
- **Tank Capacity:** 25 Liters
- **Motor Power:** 2 HP / 1500 kW
- **Voltage/Frequency:** 127V / 60 Hz
- **Speed:** 2850 RPM
- **Maximum Pressure:** 115 PSI (8 Bar)
- **Phase:** Single-phase
- **Air Flow:** 4.2 CFM at 40 PSI / 3.2 CFM at 90 PSI
- **Manufacturer:** Husky

9. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or contact Husky customer support. Keep your purchase receipt as proof of purchase.

For technical support or service inquiries, please visit the official Husky website or contact their authorized service centers.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question