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Kinzo 71904

Kinzo 71904 Air Compressor 1500W User Manual

Model: 71904

Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Kinzo 71904 Air Compressor. Please read this manual thoroughly before operating the compressor and retain it for future reference. Understanding these instructions will help ensure proper use and extend the life of your equipment.



Image of the Kinzo 71904 Air Compressor, showing its blue tank, motor, and control panel. This unit features a 24-liter tank and a 1500W motor.

Safety Instructions

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Failure to follow these instructions may result in serious injury or property damage.

- **Electrical Safety:** Ensure the power supply matches the compressor's voltage (230V). Use a grounded outlet and avoid using extension cords unless absolutely necessary and rated for the compressor's power.
- **Pressure Safety:** Never exceed the maximum operating pressure of the compressor or any attached tools. Do not tamper with the safety valve.
- **Personal Protective Equipment (PPE):** Always wear safety glasses or goggles to protect against flying debris. Hearing protection is recommended during operation.
- **Ventilation:** Operate the compressor in a well-ventilated area to prevent heat buildup and ensure proper air intake.

- **Maintenance:** Disconnect the power supply and release all air pressure before performing any maintenance or adjustments.
- **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.

Package Contents

Verify that all items are present and undamaged upon unpacking. If any parts are missing or damaged, contact your retailer.

- Kinzo 71904 Air Compressor Unit
- Wheels (2)
- Support Feet (2)
- Air Filter Assembly
- Compressor Oil (if applicable, check packaging)
- User Manual

Setup

1. **Unpacking:** Carefully remove the compressor and all components from the packaging. Inspect for any shipping damage.
2. **Attach Wheels and Feet:**
    - Attach the two wheels to the axle at the base of the tank using the provided hardware.
    - Secure the two rubber support feet to the opposite end of the tank.
3. **Install Air Filter:** Screw the air filter assembly into the designated port on the compressor pump. Ensure it is hand-tight.
4. **Add Compressor Oil (if required):**
    - Locate the oil fill plug/dipstick on the pump.
    - Remove the plug and carefully pour the supplied compressor oil into the crankcase until the oil level reaches the mark on the dipstick. Do not overfill.
    - Replace the oil fill plug securely.
5. **Electrical Connection:** Plug the compressor's power cord into a suitable 230V grounded electrical outlet.
6. **Initial Run-in Procedure:**
    - Open the drain valve at the bottom of the tank completely.
    - Turn the compressor ON.
    - Allow the compressor to run for approximately 15-20 minutes with the drain valve open. This helps to break in the pump components.
    - Turn the compressor OFF, close the drain valve, and allow it to cool. The compressor is now ready for use.

Operating Instructions

1. **Connect Air Tool:** Attach your air hose and desired air tool to the quick-connect coupler on the compressor.
2. **Adjust Pressure:**

- Ensure the regulator knob is turned fully counter-clockwise (minimum pressure).
- Turn the compressor ON.
- Once the tank is pressurized, slowly turn the regulator knob clockwise to increase the output pressure to the desired level, observing the regulated pressure gauge.

3. **Start/Stop:** Use the ON/OFF switch to control the compressor. The compressor will automatically cycle on and off to maintain tank pressure.
4. **After Use:**
   - Turn the compressor OFF.
   - Disconnect the air hose and tools.
   - Slowly open the drain valve at the bottom of the tank to release all air pressure. This also drains condensation.
   - Close the drain valve once all pressure is released.

Maintenance

Regular maintenance ensures optimal performance and longevity of your air compressor. Always disconnect power before maintenance.

- **Drain Condensation (Daily/After Each Use):** Open the drain valve at the bottom of the tank to release accumulated moisture. Failure to do so can lead to rust and tank failure.
- **Check Oil Level (Before Each Use):** Ensure the oil level is between the minimum and maximum marks on the dipstick. Top up with appropriate compressor oil if necessary.
- **Clean Air Filter (Weekly/As Needed):** Remove the air filter element and clean it with compressed air or replace it if heavily soiled. A clogged filter reduces efficiency.
- **Change Compressor Oil (Every 50-100 hours of operation or annually):**
  - Ensure the compressor is warm.
  - Place a suitable container under the oil drain plug.
  - Remove the drain plug and allow all old oil to drain completely.
  - Replace the drain plug and refill with new compressor oil to the correct level.
- **Inspect Hoses and Fittings (Regularly):** Check for cracks, leaks, or damage. Replace any worn components.
- **Storage:** Store the compressor in a clean, dry area. Ensure the tank is drained of air and condensation before storage.

Troubleshooting

Problem	Possible Cause	Solution
Compressor does not start	No power; Thermal overload tripped; Faulty switch	Check power connection/outlet; Reset thermal overload button; Contact service.
Low air pressure / Slow tank fill	Air leak; Clogged air filter; Worn pump components	Check hoses/fittings for leaks; Clean/replace air filter; Contact service.
Excessive noise or vibration	Loose components; Low oil level; Worn bearings	Tighten all fasteners; Check/add oil; Contact service.

Problem	Possible Cause	Solution
Safety valve releases air frequently	Pressure switch malfunction; Safety valve faulty	Contact service for inspection and repair. Do not tamper with the safety valve.

Specifications

Model Number:	71904
Power:	1500 W
Tank Capacity:	24 Liters
Voltage:	230 Volts
Power Source:	Electric Cable
Dimensions (L x W x H):	55 x 24 x 56 cm
Weight:	24 Kilograms
Manufacturer:	Kinzo

Warranty and Support

This Kinzo air compressor is covered by a manufacturer's warranty against defects in materials and workmanship. For specific warranty terms, duration, and to register your product, please refer to the warranty card included with your purchase or visit the official Kinzo website.

For technical support, spare parts, or service inquiries, please contact your retailer or the Kinzo customer service department. Have your model number (71904) and purchase date available when contacting support.

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