

ABAC 1129100008

ABAC LT.24 8 BAR 2HP Air Compressor User Manual

Model: 1129100008

INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your ABAC LT.24 8 BAR 2HP Air Compressor, model 1129100008. Please read this manual thoroughly before using the compressor to ensure proper handling and to prevent injury or damage.

SAFETY INSTRUCTIONS

Always observe the following safety precautions to reduce the risk of electric shock, fire, or serious injury:

- **Read all instructions:** Familiarize yourself with the compressor's controls and proper use.
- **Wear appropriate safety gear:** Always wear safety glasses or goggles. Hearing protection is recommended during extended use.
- **Work in a well-ventilated area:** Air compressors generate heat and can produce fumes.
- **Keep children and bystanders away:** Do not allow children or untrained persons to operate the compressor.
- **Disconnect power:** Always unplug the compressor from the power source before performing any maintenance, adjustments, or when not in use.
- **Do not modify the compressor:** Any modifications can be dangerous and will void the warranty.
- **Check for damaged parts:** Before each use, inspect the compressor for any damaged parts. Do not operate if damaged.
- **Drain condensation regularly:** Moisture buildup in the tank can lead to corrosion and tank failure.
- **Do not direct air stream at people or animals:** Compressed air can cause serious injury.

COMPONENTS OVERVIEW

The ABAC LT.24 8 BAR 2HP Air Compressor is designed for portability and efficiency. Below is an overview of its main components.



Figure 1: ABAC LT.24 8 BAR 2HP Air Compressor. This image shows the complete compressor unit, featuring a bright yellow air tank, a black motor housing on top, two pressure gauges, a pressure regulator knob, a carrying handle, and two wheels for portability. The compressor is designed for general-purpose air tool operation and tire inflation.

- **Air Tank:** Stores compressed air. Capacity: 24 liters.
- **Motor/Pump Assembly:** Generates compressed air.
- **Pressure Gauges:** Display tank pressure and regulated outlet pressure.
- **Pressure Regulator:** Adjusts the output air pressure.
- **Quick Connect Coupler:** For attaching air hoses and tools.
- **Drain Valve:** Located at the bottom of the tank for draining condensation.
- **Wheels and Handle:** For easy transport of the portable unit.
- **Power Cord:** For electrical connection.

SETUP

1. **Unpacking:** Carefully remove the compressor from its packaging. Inspect for any shipping damage.
2. **Wheel and Foot Assembly:** Attach the wheels and rubber feet (if not pre-assembled) according to the diagrams in the packaging. Ensure all fasteners are tightened securely. The compressor is designed with 2 feet and 2 wheels for stability and mobility.
3. **Placement:** Position the compressor on a firm, level surface in a clean, well-ventilated area. Ensure there is adequate space around the unit for air circulation.
4. **Electrical Connection:**
 - Ensure the power switch is in the "OFF" position.
 - Connect the power cord to a grounded electrical outlet that matches the voltage and frequency requirements specified on the compressor's data plate. This compressor operates with a wired electrical connection.
5. **Initial Check:** Before first use, ensure the tank drain valve is closed.

OPERATING INSTRUCTIONS

1. **Starting the Compressor:**
 - Plug the power cord into a suitable electrical outlet.
 - Turn the power switch to the "ON" position. The compressor will start to build pressure in the tank.
 - Allow the compressor to reach its maximum pressure and shut off automatically. This indicates the tank is full.
2. **Adjusting Output Pressure:**
 - Attach your air hose to the quick connect coupler.
 - Turn the pressure regulator knob clockwise to increase pressure or counter-clockwise to decrease pressure. Observe the regulated pressure gauge to set the desired working pressure for your tool.
3. **Connecting Air Tools:**
 - Ensure the air tool is rated for the pressure you are setting.
 - Connect the air tool to the end of your air hose.
4. **Shutting Down:**
 - Turn the power switch to the "OFF" position.
 - Disconnect the air hose and tools.
 - *Important:* Always drain the air tank after each use to prevent moisture buildup.

MAINTENANCE

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

- **Drain the Air Tank (Daily/After Each Use):**
 - With the compressor off and unplugged, slowly open the drain valve located at the bottom of the tank.
 - Allow all condensed moisture to drain completely.
 - Close the drain valve tightly.
- **Check Air Filter (Weekly/Monthly, depending on use):**
 - Inspect the air filter for dirt and debris.
 - Clean or replace the filter as necessary. A clogged filter reduces compressor efficiency.
- **General Cleaning (Regularly):**
 - Keep the compressor clean and free of dust and debris.
 - Wipe down the exterior with a damp cloth. Do not use harsh chemicals.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|-------------------------------|---|---|
| Compressor does not start. | No power, tripped circuit breaker, faulty switch. | Check power connection, reset breaker, contact service. |
| Compressor runs continuously. | Air leak, faulty pressure switch. | Check for leaks in hoses/fittings, contact service. |

| Problem | Possible Cause | Solution |
|-------------------------------|--|--|
| Low air pressure. | Air leak, clogged air filter, regulator set too low. | Check for leaks, clean/replace filter, adjust regulator. |
| Excessive noise or vibration. | Loose components, worn parts. | Inspect and tighten fasteners, contact service for worn parts. |
| Moisture in air line. | Tank not drained regularly. | Drain tank after each use. |

SPECIFICATIONS

- **Model:** ABAC 1129100008
- **Brand:** ABAC
- **Tank Capacity:** 24 Liters (LT.24)
- **Maximum Pressure:** 8 BAR
- **Motor Power:** 2 HP (2 Cavallo vapore)
- **Power Source:** Wired Electric (Con cavo elettrico)
- **Color:** Yellow (Giallo)
- **Special Features:** Portable (Portatile)
- **Recommended Use:** Tire inflation (Gonfiaggio pneumatici)
- **Included Components:** Power cord (Cavo elettrico)

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact ABAC customer service directly. Keep your purchase receipt as proof of purchase.