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## ABAC Pole Position 24 Litre

# ABAC Pole Position 24 Litre Air Compressor User Manual

Model: Pole Position 24 Litre | Brand: ABAC

## INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your ABAC Pole Position 24 Litre Air Compressor. Please read this manual thoroughly before operating the compressor and keep it for future reference.

The ABAC Pole Position 24 Litre Air Compressor is designed for various DIY and light professional tasks, featuring a 24-litre tank, 2 HP (1.5 kW) motor, 220 litres/minute air intake, and a maximum pressure of 10 bar.

## SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent personal injury or damage to the compressor:

- Ensure the compressor is placed on a stable, level surface.
- Do not operate the compressor in wet or damp conditions.
- Wear appropriate personal protective equipment (PPE), such as eye protection and hearing protection.
- Before any maintenance or inspection, disconnect the compressor from the power supply and ensure the tank is fully depressurized.
- Never direct compressed air at people or animals.
- Keep children and unauthorized persons away from the operating area.
- Regularly check all connections and hoses for leaks or damage.

## COMPONENTS OVERVIEW



Figure 1: Overview of the ABAC Pole Position 24 Litre Air Compressor. This image shows the complete compressor unit, including the blue 24-litre tank, the motor and pump assembly on top, pressure gauges, and wheels for portability. A blue handle extends from the back for easy maneuvering.

- **Air Tank:** Stores compressed air (24 litres capacity).
- **Motor and 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 tools and hoses.
- **Drain Valve:** Located at the bottom of the tank for draining condensation.
- **Wheels and Handle:** For easy transport of the unit.

## SETUP

1. **Unpacking and Inspection:** Carefully remove the compressor from its packaging. Inspect for any visible damage that may have occurred during transit. Report any damage to the supplier immediately.
2. **Assembly (if required):** Attach the wheels and handle using the provided hardware. Ensure all bolts are securely tightened.
3. **Initial Oil Check:** Before first use, verify the oil level in the pump. The compressor may be shipped without oil or with a

minimal amount. Refer to the oil sight glass or dipstick. If necessary, fill with appropriate compressor oil (typically SAE 30 non-detergent) to the indicated level.

4. **Placement:** Position the compressor on a firm, level surface in a well-ventilated area. Ensure there is adequate space around the unit for air circulation.
5. **Electrical Connection:** Connect the compressor to a grounded electrical outlet with the correct voltage (230 Volts) and circuit protection. Avoid using extension cords if possible; if necessary, use a heavy-duty, grounded extension cord rated for the compressor's power requirements.

## OPERATING INSTRUCTIONS

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### 1. Starting the Compressor:

- Ensure the drain valve at the bottom of the tank is closed.
- Plug the compressor into the power outlet.
- Flip the ON/OFF switch to the 'ON' position. The compressor will start to build pressure until it reaches its maximum cut-off pressure (10 bar).

### 2. Adjusting Output Pressure:

- Turn the pressure regulator knob clockwise to increase pressure and counter-clockwise to decrease pressure.
- Monitor the regulated pressure gauge to set the desired working pressure for your air tool.

### 3. Connecting Air Tools:

- Attach your air hose to the quick connect coupler.
- Connect your air tool to the other end of the hose.

### 4. Shutting Down:

- Flip the ON/OFF switch to the 'OFF' position.
- Unplug the compressor from the power outlet.
- Depressurize any air remaining in the hose and tool.

### 5. Draining Condensation:

After each use, or at least daily, open the drain valve at the bottom of the tank to release any accumulated moisture. This prevents rust and extends the tank's lifespan.

## MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your compressor.

#### • Daily:

- Drain condensation from the air tank.
- Check oil level (if applicable, for oil-lubricated models).

#### • Weekly/Every 10 Hours of Use:

- Inspect air filter for dirt and debris. Clean or replace if necessary.
- Check for any unusual noises or vibrations.

#### • Monthly/Every 50 Hours of Use:

- Inspect all fasteners for tightness.
- Check safety valve operation (briefly pull the ring to ensure it releases air).

#### • Annually/Every 200 Hours of Use:

- Change compressor oil (if applicable).
- Inspect pressure switch and gauges for proper function.

• **Storage:** When storing the compressor for extended periods, ensure the tank is drained of all moisture and store in a dry, protected area.

## 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, clogged air filter.	Check for leaks, inspect pressure switch, clean/replace filter.
Low air pressure.	Regulator set too low, air leak, worn pump components.	Adjust regulator, check for leaks, contact service.
Excessive noise or vibration.	Loose components, worn bearings, insufficient oil.	Tighten fasteners, check oil level, contact service.
Oil leakage.	Loose fittings, damaged seals, overfilled oil.	Check connections, replace seals, adjust oil level.

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

## SPECIFICATIONS

<b>Brand</b>	ABAC
<b>Model Name</b>	Pole Position 24 Litre
<b>Tank Capacity</b>	24 Litres
<b>Power</b>	2 HP (1.5 kW)
<b>Air Intake</b>	220 Litres/minute
<b>Maximum Pressure</b>	10 Bar
<b>Voltage</b>	230 Volts
<b>Sound Level</b>	95 dB
<b>Dimensions (L x W x H)</b>	60 x 60 x 26 cm
<b>Weight</b>	3 kg

## WARRANTY AND SUPPORT

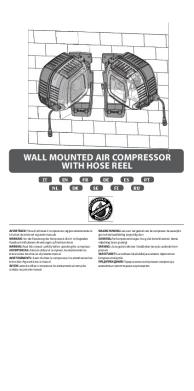
ABAC products are manufactured to high quality standards and are guaranteed against manufacturing defects. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official ABAC website.

For technical assistance, spare parts, or service inquiries, please contact your authorized ABAC dealer or customer support. When contacting support, please have your product model and serial number ready.

You can find more information and contact details on the [ABAC Store on Amazon](#).

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## Related Documents - Pole Position 24 Litre

	<p><a href="#">ABAC Catalogue 2024: Industrial and Pro User Air Compressors</a></p> <p>Explore the ABAC Catalogue 2024 for a comprehensive range of industrial and pro user air compressors, tools, and accessories. Discover solutions for every application, from piston and screw compressors to air treatment and distribution systems.</p>
	<p><a href="#">ABAC Spray Gun G-530 Quick User Guide and Technical Specifications</a></p> <p>Concise guide for the ABAC Spray Gun G-530, covering general view, technical specifications, and declaration of conformity. Download the full manual from ABAC Air Compressors.</p>
	<p><a href="#">ABAC XPN O15 Wall Mounted Air Compressor with Hose Reel - User Manual</a></p> <p>Comprehensive user and maintenance manual for the ABAC XPN O15 wall-mounted air compressor with hose reel. Learn about safe operation, installation, and troubleshooting.</p>
	<p><a href="#">ABAC Air Compressor Quick User Guide</a></p> <p>Quick user guide for ABAC air compressors, providing essential information on general view, technical specifications, and safety compliance. Download the full manual for detailed instructions.</p>

	<p><a href="#"><u>Каталог продукции ABAC Group 2008: Компрессоры, Пневмоинструмент и Системы Воздухоподготовки</u></a></p> <p>Полный каталог продукции ABAC Group за 2008 год, представляющий широкий ассортимент воздушных компрессоров, систем подготовки воздуха и профессионального пневмоинструмента для различных отраслей.</p>
	<p><a href="#"><u>ABAC Air Tool Kit Quick User Guide and Technical Specifications</u></a></p> <p>Comprehensive quick user guide and technical specifications for the ABAC Air Tool Kit (Model G-810P). Includes product overview, component identification, performance data, and CE conformity declaration.</p>