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ABAC 1129981008

ABAC Pole Position B20 Baseline Air Compressor User Manual

Model: 1129981008

1. INTRODUCTION

Thank you for choosing the ABAC Pole Position B20 Baseline Air Compressor. This manual provides essential information for the safe and efficient use, maintenance, and troubleshooting of your new air compressor. Please read these instructions carefully before operating the unit and keep this manual for future reference.



Figure 1: ABAC Pole Position B20 Baseline Air Compressor.

2. SAFETY INFORMATION

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. This compressor operates under high pressure and with electricity. Improper use can be dangerous.

- **Electrical Safety:** Ensure the power supply matches the compressor's requirements (230 Volts). Do not operate in wet conditions. Always use a grounded outlet.
- **Pressure Safety:** Never exceed the maximum operating pressure of 8 Bar. Do not tamper with safety valves. Always wear appropriate eye protection when operating.
- **Ventilation:** Operate the compressor in a well-ventilated area to prevent overheating.
- **Maintenance:** Disconnect from power before performing any maintenance or repairs.

- **Children and Bystanders:** Keep children and bystanders away from the operating compressor.
- **Stability:** Ensure the compressor is on a stable, level surface during operation.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon unpacking:

- ABAC Pole Position B20 Baseline Air Compressor unit
- Wheels (for assembly)
- Handle (for assembly)
- User Manual (this document)

4. SETUP

Follow these steps to prepare your compressor for first use:

1. **Unpacking:** Carefully remove the compressor and all accessories from the packaging. Inspect for any shipping damage.
2. **Attach Wheels:** Securely attach the wheels to the compressor base using the provided hardware. This enhances portability.
3. **Attach Handle:** Mount the handle to the designated points on the compressor. Ensure it is firmly attached for safe transport.
4. **Check Oil Level:** The compressor may be shipped without oil or with a low oil level. Locate the oil fill cap and dipstick. Fill with appropriate compressor oil (not included) to the recommended level. **Important:** Refer to the oil specifications in the technical data section.
5. **Positioning:** Place the compressor on a firm, level surface in a well-ventilated area. Ensure there is sufficient space around the unit for air circulation.
6. **Electrical Connection:** Connect the power cord to a grounded 230 Volt electrical outlet.



Figure 2: Wheel attachment point.

5. OPERATING INSTRUCTIONS

Operating your ABAC air compressor is straightforward. Follow these steps for safe and effective use:

1. **Power On:** Turn the main power switch to the "ON" position. The compressor will begin to build pressure in the tank.
2. **Monitor Pressure:** Observe the pressure gauges. One gauge shows the tank pressure, and the other shows the regulated output pressure. The compressor will automatically shut off when the maximum tank pressure is reached.
3. **Adjust Output Pressure:** Use the pressure regulator knob to set the desired output pressure for your air tool. Turn clockwise to increase pressure, counter-clockwise to decrease.
4. **Connect Air Tool:** Attach your air tool to the quick-connect coupler. Ensure a secure connection.
5. **Begin Work:** You can now use your air tool. The compressor will cycle on and off automatically to maintain tank pressure as air is consumed.
6. **Power Off:** When finished, turn the main power switch to the "OFF" position. Disconnect the air tool and drain the air tank.



Figure 3: Pressure gauges and regulator.



Figure 4: Pressure switch and quick-connect coupler.

6. MAINTENANCE

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

- **Drain Condensation:** After each use, or daily if used frequently, open the drain valve at the bottom of the air tank to release accumulated moisture. This prevents rust and extends tank life.
- **Check Oil Level:** Regularly check the oil level using the dipstick. Add oil if necessary, ensuring it does not exceed the maximum mark. Change oil according to the manufacturer's recommendations (typically after the first 50 hours, then every 200 hours or annually).
- **Clean Air Filter:** Inspect the air filter regularly. Clean or replace it if it appears dirty or clogged. A clogged filter reduces efficiency and can damage the pump.
- **General Cleaning:** Keep the compressor clean and free of dust and debris. Ensure cooling fins on the motor and pump are clear for proper heat dissipation.
- **Inspect Hoses and Fittings:** Periodically check all hoses, connections, and fittings for leaks or damage. Replace any worn or damaged parts.



Figure 5: Compressor motor and pump area.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your air compressor.

Problem	Possible Cause	Solution
Compressor does not start or stops unexpectedly.	No power, tripped circuit breaker, thermal overload, faulty switch.	Check power connection and circuit breaker. Allow motor to cool if thermal overload. Inspect switch.

Problem	Possible Cause	Solution
Compressor runs continuously or frequently.	Air leak, clogged air filter, worn pump components.	Check for air leaks in hoses and fittings. Clean/replace air filter. Consult service if pump is worn.
Low air pressure or slow recovery.	Air leak, clogged air filter, low oil level, worn pump.	Check for leaks. Clean/replace air filter. Check and add oil.
Excessive noise or vibration.	Loose components, worn bearings, insufficient oil.	Tighten all fasteners. Check oil level. Consult service for worn bearings.
Oil leakage.	Loose drain plug, damaged seal, overfilled oil.	Check and tighten drain plug. Inspect seals. Ensure correct oil level.

If you cannot resolve an issue using this guide, please contact ABAC customer support or a qualified service technician.

8. SPECIFICATIONS

Technical specifications for the ABAC Pole Position B20 Baseline Air Compressor:

Feature	Value
Model Number	1129981008
Manufacturer	ABAC IBERICA AIRE COMPRIMIDO, S.A.
Voltage	230 Volts
Power	2 HP (Caballo de fuerza)
Tank Capacity	24 Liters
Air Flow (Caudal del aire)	190 Liters per minute
Maximum Pressure	8 Bar
Noise Level	70 Decibels
Product Weight	24 kg
Product Dimensions (L x W x H)	61 x 31 x 58 cm
Material	Metal
Power Source	Electric Cable
Hose Length (included)	4 Meters
Style	Reciprocating, portable, Wheeled
Special Feature	Durable
Recommended Uses	Inflating, cleaning, painting, general air tool use



Figure 6: Front view of the compressor.



Figure 7: Back view of the compressor.

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or contact your retailer. ABAC provides customer support for product inquiries, technical assistance, and spare parts. For further assistance, please visit the official ABAC website or contact their customer service department. Keep your purchase receipt and model number (1129981008) handy when contacting support. You can find more information and support at the [ABAC Brand Store on Amazon](#).