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› Baotree 10 Gallon Ultra Quiet Air Compressor Model YYJ2508510 User Manual

Baotree YYJ2508510

Baotree 10 Gallon Ultra Quiet Air Compressor

Model: YYJ2508510

IMPORTANT SAFETY INSTRUCTIONS

Read and understand all safety warnings and instructions before operating this air compressor. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- **Electrical Safety:** Ensure the power source matches the compressor's requirements (120V, 60Hz). Use a grounded outlet. Do not operate in wet conditions.
- **Personal Safety:** Always wear safety glasses. Use hearing protection. Do not wear loose clothing or jewelry. Keep children and bystanders away.
- **Operating Environment:** Operate in a well-ventilated area. Do not use near flammable liquids or gases. Keep the work area clean and well-lit.
- **Pressure Safety:** Never exceed the maximum pressure rating of any air tool or accessory. Do not attempt to modify the pressure relief valve.
- **Maintenance Safety:** Disconnect power before performing any maintenance. Drain the air tank regularly to prevent rust and maintain efficiency.
- **Handling:** Use the handle and wheels for transport. Do not lift by hoses or power cords.

PRODUCT OVERVIEW

The Baotree 10 Gallon Ultra Quiet Air Compressor (Model YYJ2508510) is designed for various applications, from home renovation to auto maintenance. It features a 10-gallon steel tank, a 2HP motor, and operates at a low noise level of approximately 70dB. This oil-free compressor requires minimal maintenance and offers reliable performance with a maximum pressure of 115 PSI.

OIL-FREE STRONG MOTOR

1500W



POWER
LEVEL **2.0HP**
110V 60HZ

Image: The Baotree 10 Gallon Ultra Quiet Air Compressor, showcasing its compact design and wheels for portability.

Key Features:

- **Ultra-Quiet Operation:** Advanced silent technology reduces operating noise to approximately 70dB, suitable for indoor use.
- **Durable Construction:** Crafted from high-strength alloy steel with a multi-layer anti-wear coating for enhanced durability and impact resistance.
- **Efficient Performance:** Equipped with a 2HP copper-wound motor and a 10-gallon tank, delivering up to 115 PSI. Reaches working pressure in 1 minute 40 seconds from a cold start.
- **Oil-Free Design:** Eliminates the need for regular oil changes, simplifying maintenance.
- **Portable Design:** Features an easy-carry handle and built-in wheels for effortless transport.

70DB LOW NOISE OPERATION



Image: Illustration demonstrating the 70dB low noise operation of the air compressor, comparing it to a conversation level.

THREE-LAYER PROTECTIVE STRUCTURE



- ① RUST & WEAR RESISTANT LAYER
- ② PLASTIC POWDER ATTACHMENT LAYER
- ③ Q235B STRUCTURAL STEEL

Image: Diagram illustrating the three-layer protective structure of the air tank, including rust & wear resistant layer, plastic powder attachment layer, and Q235B structural steel.

SETUP

1. **Unpacking:** Carefully remove the compressor and all components from the packaging. Inspect for any shipping damage.
2. **Wheel Assembly:** Attach the wheels to the designated axles on the compressor frame. Secure them with the provided hardware.
3. **Handle Attachment:** If the handle is not pre-attached, secure it to the compressor body using the provided bolts and nuts.
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 power cord to a grounded 120V, 60Hz electrical outlet. Ensure the power switch is in the "OFF" position before plugging in.

1. Initial Start-Up:

- Ensure all connections are secure and the drain valve at the bottom of the tank is closed.
- Turn the power switch to the "ON" position. The compressor will begin to fill the tank.
- Allow the compressor to run until it reaches its maximum pressure (115 PSI) and automatically shuts off. This may take approximately 1 minute 40 seconds from a cold start.
- Check for any air leaks by listening for hissing sounds or using soapy water on connections.

2. Connecting Air Tools:

- Attach your air hose to one of the quick couplers on the compressor.
- Connect your air tool to the other end of the hose.
- Adjust the output pressure using the regulator knob to match the requirements of your air tool. Read the pressure on the regulated pressure gauge.

3. Using the Compressor:

- Once the desired pressure is set, you can begin using your air tool.
- The compressor will automatically cycle on and off to maintain tank pressure as air is consumed.

4. Shutting Down:

- Turn the power switch to the "OFF" position.
- Disconnect air tools and hoses.
- Slowly open the drain valve at the bottom of the tank to release all remaining air pressure. This also helps to drain any accumulated moisture.
- Store the compressor in a clean, dry place.

WIDE RANGE OF USES



Image: A collage demonstrating various applications of the air compressor, including tire inflation, auto repair, spray painting, and woodworking.



Image: A person using the Baotree air compressor to power a nail gun for woodworking, illustrating a common application.

MAINTENANCE

This Baotree air compressor is designed for convenient, oil-free maintenance, ensuring a long service life with minimal effort.

- **No Oil Changes Required:** The oil-free design eliminates the need for regular oil checks and changes.
- **Drain Air Tank Daily:** To prevent rust and corrosion inside the air tank, and to ensure optimal performance, drain any accumulated moisture daily after each use. Open the drain valve located at the bottom of the tank until all air and water are expelled.
- **Clean Air Filter:** Periodically inspect and clean the air filter. A clogged filter can reduce compressor efficiency. Refer to the filter housing for cleaning instructions, typically involving blowing out dust with compressed air or washing with soapy water and drying thoroughly.
- **Inspect Hoses and Connections:** Regularly check air hoses for cracks, cuts, or wear. Ensure all fittings and connections are tight to prevent air leaks.

- **General Cleaning:** Keep the exterior of the compressor clean and free of dust and debris. Use a damp cloth for cleaning; avoid harsh chemicals.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Compressor does not start.	• Power cord unplugged. • Power switch off. • Circuit breaker tripped. • Low voltage.	• Plug in power cord. • Turn power switch ON. • Reset circuit breaker. • Ensure proper voltage supply.
Compressor runs continuously or cycles frequently.	• Air leak in tank or connections. • Pressure switch malfunction.	• Check all connections and hoses for leaks; tighten or replace as needed. • Contact customer support for pressure switch issues.
Low air pressure or slow recovery.	• Air leak. • Clogged air filter. • Regulator set too low.	• Check for and fix air leaks. • Clean or replace air filter. • Adjust regulator to desired pressure.
Excessive noise or vibration.	• Loose components. • Compressor on uneven surface.	• Check and tighten all bolts and screws. • Place compressor on a stable, level surface.

SPECIFICATIONS

AIR COMPRESSOR SPECIFICATIONS



Voltage: 110V/60Hz

Noise Level: 70dB

Tank capacity: 10Gallon

Weight: 23.5KG/52lbs

Power: 2HP

Motor Type: Oil-free Motor

Image: A visual representation of the air compressor with key specifications highlighted, including dimensions, weight, voltage, tank capacity, noise level, power, and motor type.

Specification	Value
Brand	Baotree
Model Number	YYJ2508510
Voltage	120 volts
Power Source	Corded Electric
Noise Level	70 dB
Capacity	10 gallons
Maximum Current	10.2 A
Maximum Pressure	115 psi

Specification	Value
Item Dimensions (L x W x H)	24.02"L x 10.63"W x 23.03"H
Material Type	Alloy Steel, Cast Iron, Stainless Steel
Additional Features	Automatic Shut-Off, Built-In Gauge, Heavy Duty, Oil Free, Quick Inflation
Included Components	Air Compressor, Tool Kit, User Manual

WARRANTY AND SUPPORT

For warranty information or technical support regarding your Baotree 10 Gallon Ultra Quiet Air Compressor, please refer to the documentation included with your purchase or contact Baotree customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

Contact information for support is typically found on the manufacturer's official website or in the packaging materials.

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