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## Baotree 10Gallons

# Baotree 10-Gallon Portable Ultra Quiet Air Compressor Instruction Manual

Model: 10Gallons

## 1. INTRODUCTION

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Thank you for choosing the Baotree 10-Gallon Portable Ultra Quiet Air Compressor. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your new air compressor. Please read this manual thoroughly before operating the unit and retain it for future reference.

This portable air compressor is designed for various applications, including tire inflation, auto repair, woodworking nailing, and spray painting. Its oil-free motor and quiet operation make it suitable for both workshops and home environments.



Image 1.1: The Baotree 10-Gallon Portable Ultra Quiet Air Compressor, featuring a black tank, red motor housing, and wheels for portability.

## 2. IMPORTANT SAFETY INSTRUCTIONS

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury. Read all instructions before using this product.

- **Electrical Safety:** Ensure the power source matches the compressor's requirements (110V/60Hz). Do not operate in wet conditions. Always use a grounded outlet.

- **Personal Safety:** Wear appropriate personal protective equipment (PPE) such as safety glasses, hearing protection, and gloves. Do not direct compressed air at yourself or others.
- **Operating Environment:** Use the compressor in a well-ventilated area. Keep children and bystanders away from the operating unit.
- **Pressure Safety:** Never exceed the maximum operating pressure of any tool or accessory. Regularly check gauges for accurate readings.
- **Maintenance:** Disconnect power before performing any maintenance or repairs. Regularly drain moisture from the tank to prevent corrosion.
- **Overheat Protection:** The compressor is equipped with automatic overheating protection. If the unit shuts down due to overheating, allow it to cool before restarting.

### 3. WHAT'S IN THE BOX

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Upon unpacking, ensure all components are present and undamaged:

- Baotree 10-Gallon Portable Ultra Quiet Air Compressor Unit
- Instruction Manual
- Wheels (may require assembly)
- Handle (may require assembly)

### 4. PRODUCT OVERVIEW

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Familiarize yourself with the components of your air compressor:

# PRODUCT DETAILS INTRODUCTION

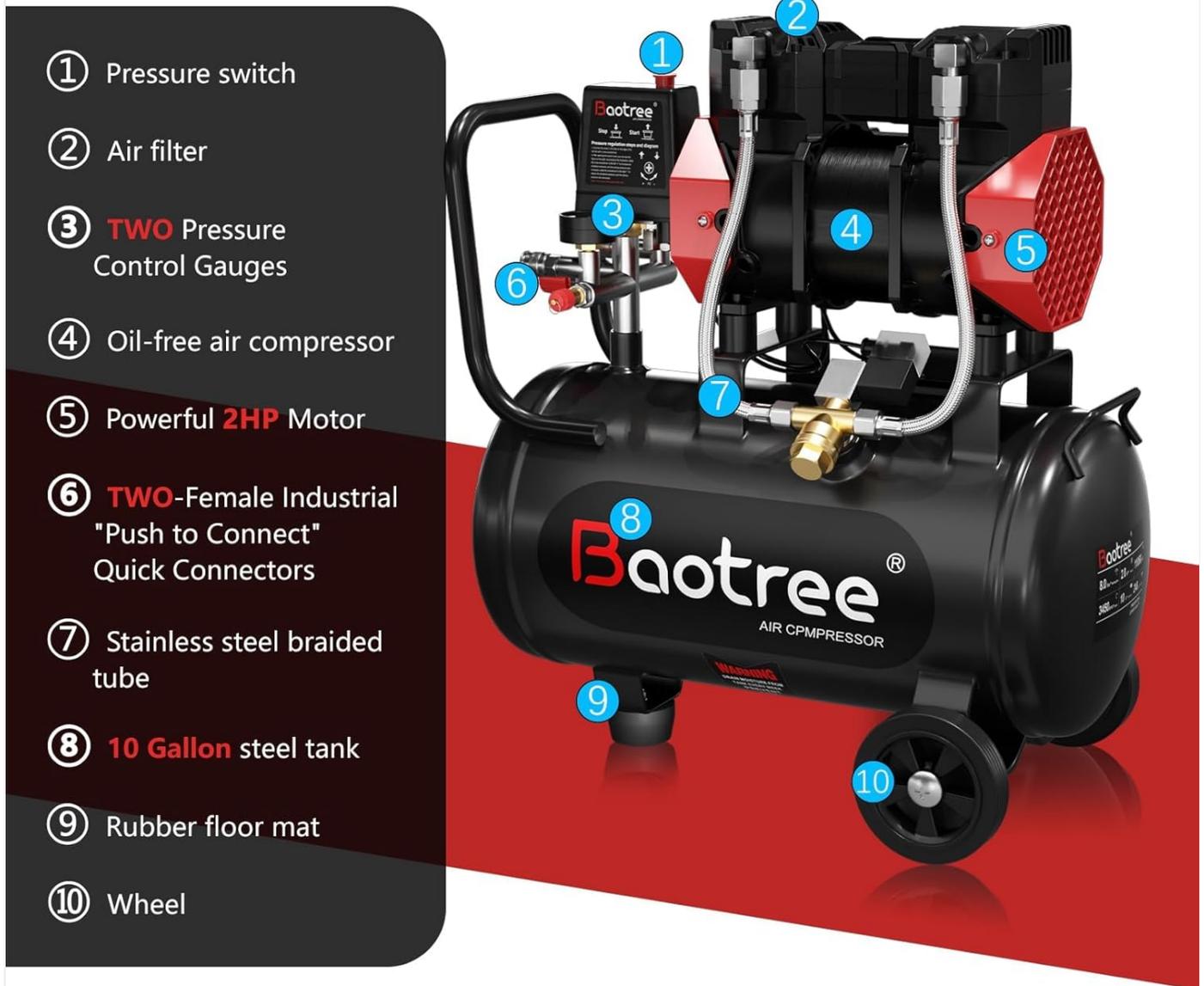


Image 4.1: Labeled diagram of the Baotree 10-Gallon Air Compressor components.

1. Pressure switch
2. Air filter
3. Two Pressure Control Gauges
4. Oil-free air compressor pump
5. Powerful 2HP Motor
6. Two Female Industrial "Push to Connect" Quick Connectors
7. Stainless steel braided tube
8. 10 Gallon steel tank
9. Rubber floor mat
10. Wheel

The compressor features a dual-cylinder intake system with stainless steel braided tubes for efficient air delivery and durability.



Image 4.2: Detail showing the double tube system for enhanced efficiency, capable of filling the tank from 0-115 PSI in under 1 minute.

## 5. TECHNICAL SPECIFICATIONS

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# PRODUCT SPECIFICATIONS



Image 5.1: Visual representation of the Baotree Air Compressor with key technical specifications.

Feature	Specification
Brand	Baotree
Model Name	10Gallons Air Compressor
Power Source	Corded Electric
Voltage	110V/60Hz
Tank Capacity	10 Gallons
Motor Power	2 HP
Motor Type	Oil-free
Motor Speed	3450 RPM
Flow Rate	8.76 CFM (at 115 PSI) / 190 L/MIN
Maximum Operating Pressure	115 PSI (8 Bars)
Noise Level	70 dB

Feature	Specification
Item Weight	45.2 Pounds (21.9 KG)
Dimensions (L x W x H)	Approx. 25 x 11 x 22 inches
Special Feature	Portable, Ultra Quiet

## 6. SETUP AND INITIAL OPERATION

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### 6.1 Assembly

Your air compressor may require minor assembly. Follow these steps:

1. **Attach Wheels:** Securely attach the wheels to the designated axles at the base of the tank using the provided hardware.
2. **Install Handle:** Mount the handle to the compressor frame, ensuring it is firmly fastened for safe transport.
3. **Check Connections:** Verify that all factory-installed connections, such as the stainless steel braided tubes, are tight and secure.

### 6.2 Initial Start-up

1. **Placement:** Position the compressor on a stable, level surface in a well-ventilated area.
2. **Power Connection:** Plug the power cord into a grounded 110V/60Hz electrical outlet.
3. **Drain Valve:** Ensure the tank drain valve (located at the bottom of the tank) is closed before starting.
4. **Power On:** Flip the pressure switch to the "ON" or "START" position. The compressor will begin to fill the tank.
5. **Break-in Period:** For the first use, allow the compressor to run for approximately 15-20 minutes with the tank drain valve slightly open to allow air to escape. This helps to properly seat the motor components.
6. **Full Tank Test:** Close the drain valve and allow the compressor to fill to its maximum pressure (115 PSI). The motor will automatically shut off once maximum pressure is reached. Check for any air leaks.

## 7. OPERATING INSTRUCTIONS

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### 7.1 Connecting Air Tools

1. Ensure the compressor is powered off and the tank pressure is released if connecting or disconnecting tools.
2. Attach your air hose to one of the quick connectors.
3. Connect your pneumatic tool to the other end of the air hose.

### 7.2 Adjusting Pressure

The compressor features two pressure control gauges. One displays the tank pressure, and the other displays the regulated output pressure. Use the pressure regulator knob to adjust the output pressure to suit your application. Turn clockwise to increase pressure, counter-clockwise to decrease.

### 7.3 Typical Applications

This compressor is suitable for a range of tasks:

- **Tire Inflation:** Connect an inflation gun to inflate car, bike, or other tires.
- **Auto Repair:** Power various pneumatic tools for automotive maintenance.
- **Woodworking Nailing:** Operate nail guns for carpentry and construction.

- **Spray Painting:** Use with appropriate spray guns for painting projects.

# AIR COMPRESSOR

Be in control of any situation



Tire inflation

Auto repair

Woodwork nailing

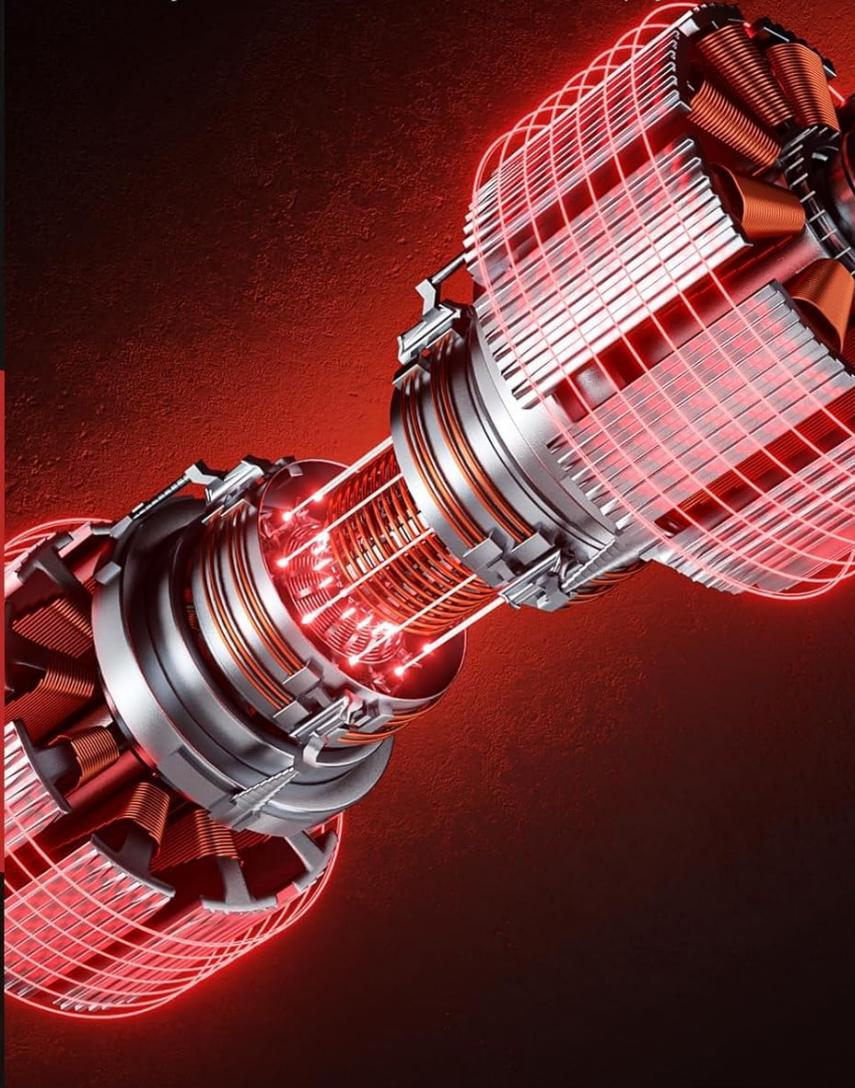
Spray painting

Image 7.1: Visual examples of common uses for the Baotree Air Compressor.

The compressor can fill an empty tank to maximum pressure in approximately 70 seconds. The motor will automatically restart when the tank pressure drops below 70 PSI to maintain continuous operation.

# OIL-FREE AIR COMPRESSOR

It takes only **60** seconds to fill the empty tank to maximum pressure



275°F Automatic  
overheat protection

**2HP**

**8.75CFM@  
115PSI**

Image 7.2: Illustration of the oil-free motor, highlighting its 60-second tank fill time and 275°F automatic overheat protection.

## 8. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your air compressor.

- **Drain Tank Daily:** Open the drain valve at the bottom of the tank after each use to release accumulated moisture. This prevents rust and extends tank life.
- **Clean Air Filter:** Periodically inspect and clean the air filter. A clogged filter can reduce efficiency and motor life. Replace if damaged.
- **Check for Leaks:** Regularly inspect all hoses, fittings, and connections for air leaks. Tighten any loose connections.
- **General Cleaning:** Keep the compressor clean and free of dust and debris.

This compressor features an oil-free design, eliminating the need for oil changes or checks.

# BUILT TO WITHSTAND

3-Layer process, against explosion and leakage

# 3.5 MPA MAX. BEARING PRESSURE

0.06 in thickness

- ① Q235B structural steel
- ② Plastic powder attachment layer
- ③ Rust & wear resistant layer



Image 8.1: Cross-section illustrating the durable 3-layer tank construction (Q235B structural steel, plastic powder adhesion, rust & wear resistant layer) designed to withstand 3.5 MPa max bearing pressure.

## 9. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Compressor does not start.	No power, tripped circuit breaker, pressure switch off.	Check power connection, reset breaker, ensure pressure switch is ON.
Compressor runs continuously or cycles frequently.	Air leak in tank or connections, faulty pressure switch.	Check for leaks and tighten connections. If problem persists, contact support.

Problem	Possible Cause	Solution
Low air pressure at output.	Regulator set too low, air leak, clogged air filter.	Adjust regulator, check for leaks, clean/replace air filter.
Compressor overheats and shuts off.	Prolonged use, poor ventilation, motor overload.	Allow unit to cool down. Ensure adequate ventilation. Reduce duty cycle.
Excessive noise.	Loose components, worn parts.	Check for and tighten any loose bolts or parts. If noise is unusual, contact support. Note: This unit is designed for quiet operation at 70dB.

# LOW NOISE 70DB

No more disturbing, even working at home

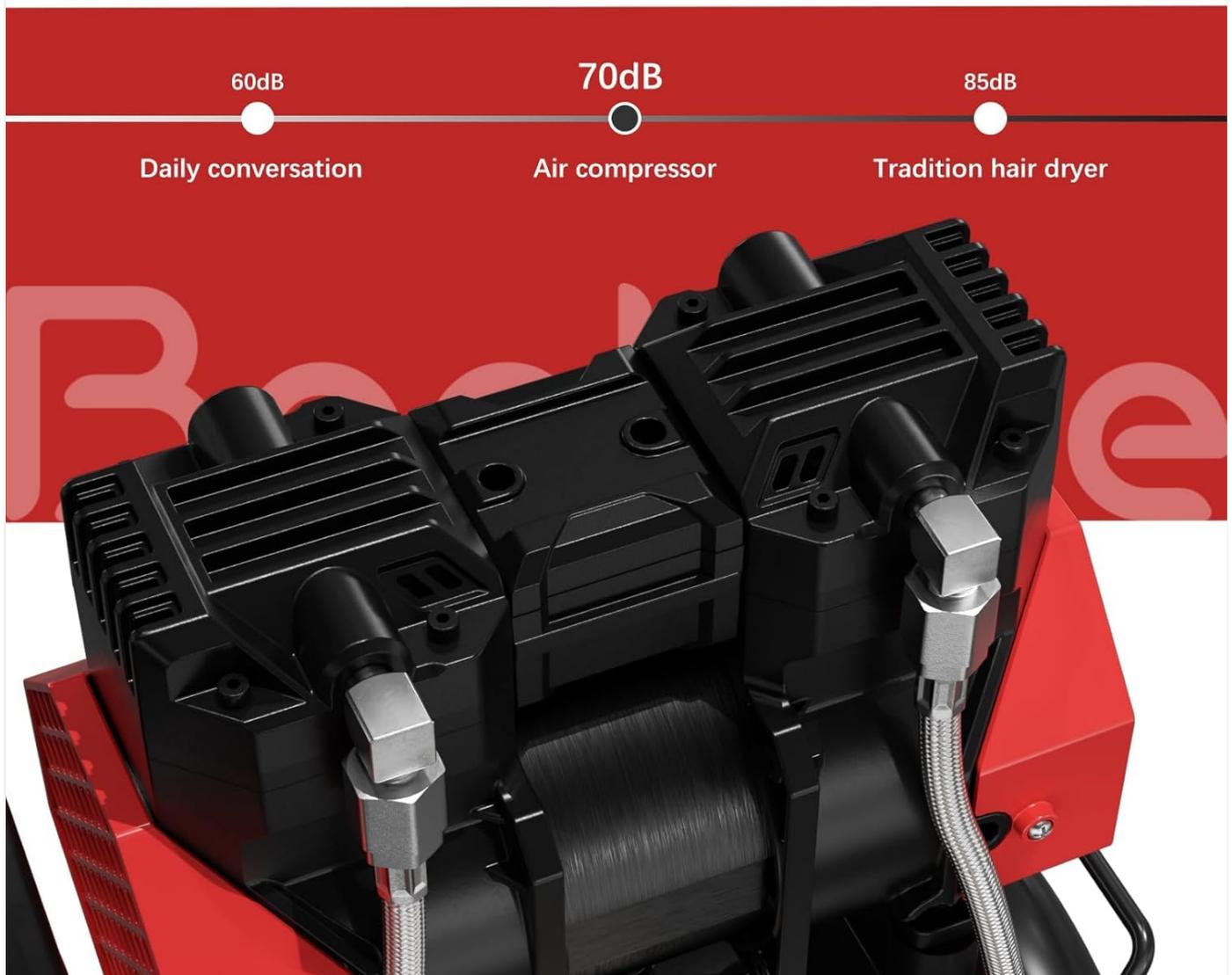


Image 9.1: Comparison illustrating the 70dB noise level of the Baotree Air Compressor, similar to normal conversation.

## 10. WARRANTY AND CUSTOMER SUPPORT

Specific warranty details for the Baotree 10-Gallon Portable Ultra Quiet Air Compressor are not provided in this document. For

warranty information, technical assistance, or to order replacement parts, please contact Baotree customer support through their official website or the retailer where the product was purchased.

You can often find contact information on the product packaging or by visiting the [Baotree Store on Amazon](#).

