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California Air Tools 8010

California Air Tools 8010 Air Compressor User Manual

Model: 8010

1. INTRODUCTION

Thank you for choosing the California Air Tools 8010 Ultra Quiet and Oil-Free Air Compressor. This unit is engineered to provide reliable, quiet, and efficient compressed air for a variety of applications, from home workshops to professional settings. Its innovative design minimizes noise and maintenance, offering a superior user experience.

This manual contains important information for the proper setup, operation, and maintenance of your air compressor. Please read it thoroughly before operating the unit and keep it for future reference.



Figure 1.1: California Air Tools 8010 Ultra Quiet and Oil-Free Air Compressor.

2. PRODUCT FEATURES

The California Air Tools 8010 Air Compressor is equipped with advanced features designed for performance and convenience:

- **Ultra Quiet Performance:** Operates at only 60 decibels, making it one of the quietest air compressors available.
- **Powerful Operation:** Features a 1.0 HP motor (1680 RPM) and an oil-free Dual Piston Pump System for extended durability (3000+ hours before wear).
- **Oil-Free and Versatile:** Allows use in various temperatures and terrains without the need for oil changes, providing cleaner air for tools.
- **Lightweight and Portable:** Weighs only 48 lbs and includes a wheel kit for easy transport.
- **Quick Setup:** Achieves maximum pressure of 120 PSI with a fast tank fill time of 165 seconds and a recovery time of 60 seconds (90 PSI to 120 PSI).
- **User-Friendly Controls:** Includes two pressure control gauges and industrial "Push to Connect" quick

connectors.

ULTRA QUIET & OIL-FREE AIR COMPRESSOR

Powerful
1.0 HP Motor

Oil-Free Dual
Piston Pump

One-Female Industrial
"Push to Connect"
Quick Connectors



3000+ Hour Life
Cycle Before Wear

Two Pressure
Control Gauges



Cleaner Air For
Better Tool Operation

8.0 Gal. Steel
Air Tank With
Wheel Kit



Less Maintenance
And Costs



Figure 2.1: Key features and components of the air compressor.

ULTRA QUIET - ONLY 60 DECIBELS



Ideal for indoor use where noise is an issue.

Designed to be one of the quietest air compressors in the industry.



Figure 2.2: The ultra-quiet operation makes it ideal for indoor use.

3. SETUP INSTRUCTIONS

Follow these steps for the initial setup of your air compressor:

1. **Unpacking:** Carefully remove the compressor from its packaging. Inspect for any shipping damage.
2. **Wheel Assembly:** Attach the wheels to the designated axles on the compressor frame. Ensure they are securely fastened.
3. **Air Filter Installation:** Locate the air filter and screw it into the air intake port on the pump. Do not operate the compressor without the filter installed.
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 110-volt (AC) outlet. Ensure the power switch is in the OFF position before plugging in.
6. **Connect Air Hose:** Attach your air hose to the industrial "Push to Connect" quick connector. Ensure a secure

connection to prevent air leaks.

4. OPERATING INSTRUCTIONS

Operating your California Air Tools 8010 Air Compressor is straightforward:

1. **Power On:** Flip the power switch to the ON position. The compressor will begin to fill the air tank. The motor will automatically shut off once the maximum pressure (120 PSI) is reached.
2. **Adjust Output Pressure:** Use the pressure regulator knob to set the desired output pressure for your air tool. Monitor the output pressure gauge to ensure the correct setting.
3. **Connect Tool:** Attach your air tool to the quick connector.
4. **Begin Operation:** Activate your air tool. The compressor will automatically cycle on to maintain tank pressure as needed.
5. **Power Off:** When finished, turn the power switch to the OFF position.
6. **Drain Air:** Slowly open the drain valve located at the bottom of the air tank to release any remaining air pressure and moisture. This is crucial for preventing rust and extending tank life.

CONTRACTOR GRADE



Home Garage



Workshop



Construction Site



Automotive Repair Shop



Figure 4.1: The compressor is suitable for various applications including home garage, workshop, construction sites, and automotive

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your air compressor. Since this is an oil-free unit, maintenance is minimal:

- **Drain Air Tank Daily:** After each use, or at least daily, drain the air tank by opening the drain valve. This removes condensed moisture, preventing internal rust and corrosion.
- **Clean Air Filter:** Periodically inspect and clean the air filter. A clogged filter can reduce efficiency and damage the pump. Replace if necessary.
- **Check for Leaks:** Regularly check all connections and hoses for air leaks. Leaks can reduce efficiency and cause the compressor to run more frequently.
- **Inspect Power Cord:** Ensure the power cord is free from damage. Do not use the compressor if the cord is frayed or damaged.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your air compressor. For problems not listed here, please contact customer support.

Problem	Possible Cause	Solution
Compressor does not start or run.	No power; tripped circuit breaker; faulty switch.	Check power connection; reset circuit breaker; contact service if switch is faulty.
Compressor runs continuously or cycles too frequently.	Air leak in tank or connections; faulty pressure switch.	Check all connections for leaks and tighten; contact service for pressure switch issues.
Low air pressure or insufficient airflow.	Clogged air filter; air leaks; regulator set too low.	Clean or replace air filter; check for and seal air leaks; adjust regulator to higher pressure.
Excessive noise or vibration.	Loose components; unit not on a level surface.	Inspect and tighten all fasteners; place compressor on a stable, level surface.

7. SPECIFICATIONS

Detailed technical specifications for the California Air Tools 8010 Air Compressor:

Specification	Value
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Specification	Value
Brand	California Air Tools
Model Name	HP Ultra Quiet and Oil-Free Air Compressor with Manual Drain
Model Number	8010
Tank Capacity	8 Gallons
Power Source	Corded Electric
Voltage	110 Volts (AC)
AC Adapter Current	8 Amps
Motor Horsepower	1.0 HP
Noise Level	60 dB
Maximum Operating Pressure	120 PSI
Air Flow Capacity (CFM @ 40 PSI)	3.10 CFM
Air Flow Capacity (CFM @ 90 PSI)	2.20 CFM
Item Weight	48 Pounds
Product Dimensions (L x W x H)	26" x 14" x 23"
Material	Alloy Steel
Special Feature	Automatic Shut-Off

SPECIFICATIONS AND PERFORMANCE



 **Weight**
48 Pounds

 **Noise Level**
60 Decibels

 **Maximum Pressure**
120 PSI

 **Voltage**
110V / 60 Hz

 **Low Amp Draw**
8.5 Amps



Figure 7.1: Dimensions and key specifications of the California Air Tools 8010.

8. WARRANTY INFORMATION

The California Air Tools 8010 Air Compressor comes with a **1 Year Limited Warranty**. This warranty covers defects in material and workmanship under normal use and service. Please retain your proof of purchase for warranty claims. For full details regarding warranty terms and conditions, refer to the official warranty statement provided with your product or contact California Air Tools customer support.

9. CUSTOMER SUPPORT

For technical assistance, parts, or service inquiries, please contact California Air Tools customer support. Our dedicated team is available to help you with any questions or issues you may have regarding your air compressor.

Visit the official California Air Tools website for the most up-to-date contact information and support resources. You can also find additional product information and FAQs online.

Online Resources: [California Air Tools Store on Amazon](#)

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