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## VIAIR 444C



# VIAIR 444C Single Black Air Compressor Instruction Manual

Model: 444C | Brand: VIAIR

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your VIAIR 444C Single Black Air Compressor. Please read all instructions carefully before use to ensure optimal performance and longevity of your product.

## 2. PRODUCT OVERVIEW & INCLUDED PARTS

The VIAIR 444C Single Black Air Compressor is a high-performance unit designed for various pneumatic applications, offering a 100% duty cycle and a maximum pressure of 200 PSI. It features an intercooler head (patents pending) for enhanced efficiency.

### Included Components:

- (1) 444C Stealth Black Compressor with Intercooler Head
- (1) Air Filter Assembly
- (1) Remote Mount Bracket
- (1) Set of Remote Mount Fittings
- (1) Set of Spare Air Filter Elements
- (4) Sets of Nuts, Bolts, Washers, and Lock Washers
- (1) Stainless Steel Braided Leader Hose with Inline Check Valve
- (3) Airline Clips with Included Hardware



*Figure 1: VIAIR 444C Single Black Air Compressor with all included accessories.*

### 3. UNDERSTANDING VIAIR ONBOARD AIR SYSTEMS

VIAIR offers a range of Onboard Air (OBA) systems tailored for various pneumatic needs. The 444C compressor is a core component in many of these systems, providing reliable air pressure for applications from load leveling to powering air tools.

Your browser does not support the video tag.

*Video 1: Learn more about VIAIR Onboard Air Systems and their various applications.*

### 4. SETUP & INSTALLATION

Proper installation is crucial for the performance and safety of your air compressor. Ensure the mounting location is dry, clean, and provides adequate ventilation. Use the provided remote mount bracket and hardware for secure installation.

#### Mounting the Compressor:

1. Select a stable, flat surface for mounting, away from heat sources and moving parts.
2. Utilize the remote mount bracket to secure the compressor. Ensure all nuts, bolts, and washers are tightened appropriately.
3. Connect the stainless steel braided leader hose to the compressor's outlet.
4. Install the air filter assembly in a clean, dry location, away from direct heat.



*Figure 2: Various components of the VIAIR compressor system, including the compressor, air tank, and fittings.*

### 5. OPERATING INSTRUCTIONS

The VIAIR 444C compressor is designed for efficient air delivery. Follow these steps for safe and effective operation:

**General Operation:**

1. Ensure all connections are secure and free from leaks.
2. Connect the compressor to a 12-volt power source (e.g., vehicle battery) using appropriate wiring and fuses.
3. Activate the compressor via its power switch or pressure switch (if part of an OBA system).
4. Monitor the pressure gauge to reach the desired PSI.
5. After use, turn off the compressor and disconnect from the power source.

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*Video 2: Demonstration of a 200PSI air compressor filling a 3-gallon air tank, showcasing performance metrics.*

**6. MAINTENANCE**

Regular maintenance ensures the longevity and reliability of your VIAIR 444C compressor.

**Air Filter Maintenance:**

- Periodically inspect the air filter element for dirt and debris.
- Clean or replace the air filter element as needed, especially in dusty environments. Use only genuine VIAIR replacement filters.

**General Care:**

- Keep the compressor clean and free from moisture.
- Check all electrical connections for tightness and corrosion.
- If part of an air tank system, regularly drain moisture from the air tank to prevent rust and maintain air quality.

**7. TROUBLESHOOTING**

If you encounter issues with your VIAIR 444C compressor, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Compressor does not turn on	No power, blown fuse, loose connection	Check power source, replace fuse, tighten connections
Compressor runs but no air output	Blocked air intake, faulty check valve, hose leak	Inspect air filter, check check valve, locate and repair leaks
Compressor runs continuously	Air leak in system, faulty pressure switch	Check for leaks, replace pressure switch
Excessive noise or vibration	Loose mounting, worn components	Tighten mounting hardware, inspect for worn parts

Your browser does not support the video tag.

*Video 3: A comparison video highlighting the noise levels of conventional versus super silent air compressors.*

**8. SPECIFICATIONS**

Key technical specifications for the VIAIR 444C Single Black Air Compressor:

Feature	Detail
Brand	VIAIR
Model	444C
Color	Black
Duty Cycle	100%
Max PSI	200 PSI
Noise Level	75 Decibels
Item Dimensions (L x W x H)	10.87 x 4.2 x 7.06 inches
Item Weight	15 pounds
Automotive Fit Type	Universal Fit



9. SAFETY INFORMATION

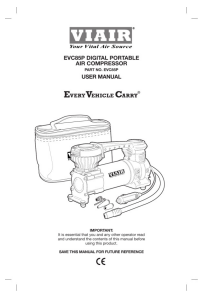



**Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. For more information, visit [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov). Always wear appropriate personal protective equipment, such as eye protection, when operating the compressor. Ensure the compressor is used in a well-ventilated area. Do not touch the compressor or fittings immediately after use, as they may be hot.

10. WARRANTY & SUPPORT

For warranty information, technical support, or to purchase replacement parts, please visit the official VIAIR website or contact VIAIR customer service. Keep your purchase receipt for warranty claims. Visit the VIAIR Store: [VIAIR Corporation](#)

Related Documents - 444C

	<p><a href="#">VIAIR 450P-RV Automatic Portable Compressor: User Manual, Operation, and Specifications</a></p> <p>Official user manual for the VIAIR 450P-RV Automatic Portable Compressor Kit (Part No. 45053). Covers safety, operation, troubleshooting, accessories, specifications, and warranty for this RV tire inflator.</p>
	<p><a href="#">VIAIR EVC25 Digital Rechargeable Tire Inflator User Manual</a></p> <p>Comprehensive user manual for the VIAIR EVC25 Digital Rechargeable Tire Inflator, detailing operation, features, safety precautions, and troubleshooting for maintaining optimal tire pressure.</p>

 <p>The image shows the cover of the VIAIR EVC85P Digital Portable Air Compressor User Manual. It features the VIAIR logo at the top, followed by the product name 'EVC85P DIGITAL PORTABLE AIR COMPRESSOR' and the slogan 'EVERY VEHICLE CARRY'. Below the text is a photograph of the air compressor unit, which is a compact, cylindrical device with a carrying handle and various hoses and nozzles attached. At the bottom, there is a small 'CE' mark.</p>	<p><a href="#">VIAIR EVC85P Digital Portable Air Compressor User Manual - Safety, Operation, and Specs</a></p> <p>Comprehensive user manual for the VIAIR EVC85P Digital Portable Air Compressor. Includes detailed operating instructions, safety warnings, troubleshooting guide, product specifications, and limited warranty information.</p>
 <p>The image shows the cover of the VIAIR 40043-400P Portable Compressor User Manual. It features the VIAIR logo at the top, followed by the product name '40043-400P PORTABLE COMPRESSOR' and the slogan 'EVERY VEHICLE CARRY'. Below the text is a photograph of the air compressor unit, which is a compact, cylindrical device with a carrying handle and various hoses and nozzles attached. At the bottom, there is a small 'CE' mark.</p>	<p><a href="#">VIAIR 40043-400P Portable Compressor User Manual</a></p> <p>User manual for the VIAIR 40043-400P Portable Compressor, including safety instructions, operating procedures, tire inflation and deflation, maintenance, troubleshooting, specifications, and limited warranty.</p>
 <p>The image shows the cover of the VIAIR EVC23P Rechargeable Cordless Tire Inflator User Manual. It features the VIAIR logo at the top, followed by the product name 'EVC23P RECHARGEABLE CORDLESS TIRE INFLATOR' and the slogan 'EVERY VEHICLE CARRY'. Below the text is a photograph of the tire inflator unit, which is a compact, cylindrical device with a carrying handle and a digital display screen. At the bottom, there is a small 'CE' mark.</p>	<p><a href="#">VIAIR EVC23P Rechargeable Cordless Tire Inflator User Manual</a></p> <p>User manual for the VIAIR EVC23P Rechargeable Cordless Tire Inflator, covering product overview, inflation modes, operation, safety instructions, and specifications.</p>
 <p>The image shows the cover of the VIAIR 88P Portable Compressor User Manual. It features the VIAIR logo at the top, followed by the product name '88P PORTABLE COMPRESSOR' and the slogan 'EVERY VEHICLE CARRY'. Below the text is a photograph of the air compressor unit, which is a compact, cylindrical device with a carrying handle and various hoses and nozzles attached. At the bottom, there is a small 'CE' mark.</p>	<p><a href="#">VIAIR 88P Portable Compressor User Manual</a></p> <p>User manual for the VIAIR 88P Portable Compressor, detailing its features, operating instructions for tire inflation and other inflatables, maintenance, technical specifications, and limited warranty information.</p>