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### VIAIR 84P

# VIAIR 84P Portable Tire Inflator Instruction Manual

Model: 84P | Brand: VIAIR

## 1. INTRODUCTION

The VIAIR 84P Portable Tire Inflator is a compact and efficient 12-volt air compressor designed for inflating vehicle tires and other inflatables. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your new tire inflator.



Figure 1: VIAIR 84P Portable Tire Inflator

## 2. PRODUCT OVERVIEW & FEATURES

The VIAIR 84P is engineered for convenience and reliability, offering quick inflation for various applications. Its compact design and included carry bag make it an ideal tool for on-the-go tire maintenance.

- **100 PSI Pressure Gauge:** Integrated analog gauge for monitoring tire pressure.
- **LED Work Light / Power Indicator:** Provides illumination for nighttime use and indicates power status.
- **Press-On Chuck:** For quick and secure connection to tire valve stems.
- **Accessory Power Plug:** Connects to a standard 12V auxiliary outlet (cigarette lighter).
- **Deluxe Carry Bag:** Durable canvas bag for convenient storage and transport.
- **Versatile Inflation:** Suitable for car, truck, SUV, motorcycle, and bicycle tires, as well as various inflatables using included accessories.



The advertisement features a dark, textured background. At the top left, the text "VIAIR 84P Air Compressor" is displayed in large, white, sans-serif font. To the right of this text, two red circular icons with white symbols (a clock and a cigarette lighter) are positioned next to the text "1 Minute Inflation" and "12V Cigarette Lighter Powered" respectively. Below the main title, on the left side, there are three white rectangular boxes stacked vertically. The first box contains a red dollar sign icon and the text "Exceptional value". The second box contains a red lightning bolt icon and the text "Best-in-class performance". The third box contains a red cross-like icon and the text "Compact design". In the center of the advertisement, a detailed image of the VIAIR 84P Air Compressor is shown. It is a black and silver device with a large, ribbed air filter on top. A black hose is connected to the bottom, and a black air chuck is attached to the end of the hose. To the right of the main device, there are two smaller white rectangular boxes. The first box shows a brown canvas carry bag with the VIAIR logo and the text "Your Vital Air Source". The second box shows a close-up of the black air chuck. The VIAIR logo and the text "Your Vital Air Source" are also visible on the side of the main device.

Figure 2: Key features of the VIAIR 84P Air Compressor including 1-minute inflation capability and 12V cigarette lighter power.

# Best-In-Class Features

**60 PSI**

Duty Cycle: 20 min  
@ 30 PSI

**10 Ft**

Power Cord

**3 Ft**

Air Hose

Heavy  
Duty  
**Gearless  
Motor**

LED Light

Built-In  
**Pressure  
Gauge**



Figure 3: Detailed features including 60 PSI max pressure, 10 ft power cord, 3 ft air hose, LED light, and built-in pressure gauge.

## 3. SAFETY INFORMATION

**WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.**

- Always operate the compressor in a well-ventilated area.
- The compressor unit can become very hot during operation. Avoid touching hot surfaces.
- Ensure the vehicle engine is running when using the compressor to prevent draining the vehicle's battery.
- Do not leave the compressor unattended while in use.
- Keep out of reach of children.

## 4. SETUP

1. **Unpack the Inflator:** Remove the VIAIR 84P from its deluxe carry bag.



2. **Connect to Power:** Insert the 12V accessory power plug into your vehicle's cigarette lighter outlet. Ensure the vehicle's engine is running to provide adequate power and prevent battery drain.
3. **Prepare Air Hose:** Uncoil the 3-foot air hose. The press-on chuck is designed for quick attachment to standard tire valve stems.
4. **Attach Accessories (if needed):** For inflating items other than standard tires (e.g., sports balls, pool floats), select the appropriate accessory tip and attach it to the press-on chuck.



Figure 4: Connecting the 12V accessory power plug to the vehicle's cigarette lighter outlet.



Figure 5: Included inflation accessories for various items.

## 5. OPERATING INSTRUCTIONS

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Follow these steps to inflate your tires or other items:

1. **Plug into Cigarette Lighter:** Insert the power plug into your vehicle's 12V outlet.
2. **Start Engine:** Start the engine of your vehicle.
3. **Connect Air Hose:** Securely attach the press-on chuck to the tire's valve stem.
4. **Power On:** Flip the ON/OFF switch on the compressor to the 'ON' position. The LED work light will illuminate.
5. **Monitor Pressure:** Observe the analog pressure gauge on the unit. Inflate to the desired pressure as recommended by your vehicle manufacturer.
6. **Power Off & Disconnect:** Once the desired pressure is reached, flip the ON/OFF switch to 'OFF'. Disconnect the chuck from the valve stem.

# 4 Easy Steps To Inflate Your Tires



- 1 Plug into Cigarette  
Lighter**  
from your vehicle's interior.



- 2 Start Engine**  
Start the engine of the vehicle.



- 3 Connect Air Hose**  
Connect the air hose to the  
vehicle tire.



- 4 Monitor Pressure**  
Turn the unit on & monitor  
pressure on gauge.

Figure 6: Visual guide for the 4 easy steps to inflate your tires.





Figure 7: Close-up of the integrated analog pressure gauge.



Figure 8: The LED work light and ON/OFF switch for easy operation.

Video 1: An instructional video demonstrating the use of the VIAIR 84P tire inflator.

## 6. MAINTENANCE

- Keep the compressor clean and free of dirt and debris.

- Store the inflator in its deluxe carry bag in a dry, cool place when not in use.
- Regularly inspect the power cord, air hose, and chuck for any signs of wear or damage. Replace components if necessary.
- Ensure the rubber feet are intact to minimize vibration during operation.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Compressor does not turn on.	No power from 12V outlet; vehicle engine not running; blown fuse in power plug.	Ensure 12V outlet is functional and vehicle engine is running. Check and replace fuse in the power plug if necessary.
Slow inflation.	Low vehicle battery voltage; air leak in hose/chuck connection.	Ensure vehicle engine is running. Check all connections for tightness.
Inaccurate pressure reading.	Gauge malfunction; improper connection.	Ensure chuck is properly seated on valve stem. Use a separate, calibrated gauge to verify accuracy.

## 8. SPECIFICATIONS

Feature	Specification
Brand	VIAIR
Model Name	84
Voltage	12 Volts
Power Source	12V Auxiliary Outlet
Maximum Operating Pressure	60 PSI
AC Adapter Current	15 Amps
Air Flow Capacity	1.26 Cubic Feet Per Minute
Motor Horsepower	0.2 horsepower
Hose Length	3 Feet
Item Weight	4.3 Pounds
Product Dimensions	9.1"L x 3.1"W x 5.6"H
Noise Level	76 Decibels
Special Feature	LED Light





## 9. WARRANTY AND SUPPORT

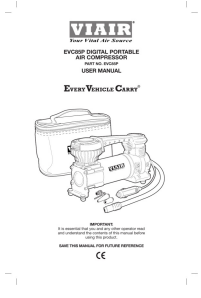
The VIAIR 84P Portable Tire Inflator comes with a Manufacturer Warranty. For warranty claims, technical support, or general inquiries, please contact VIAIR Corporation directly.



- **Website:** [www.viaircorp.com](http://www.viaircorp.com)
- **Email:** [techsupport@viaircorp.com](mailto:techsupport@viaircorp.com)
- **Phone:** 1 (949) 585-0011

## Related Documents - 84P

 <p>VIAIR 84P PORTABLE COMPRESSOR SPORT COMPACT SERIES PART NO. 00084</p> <p>IMPORTANT: Read and understand all instructions and warnings before using this product. SAVE THIS MANUAL FOR FUTURE REFERENCE. USER MANUAL</p>	<p><a href="#">VIAIR 84P Portable Compressor User Manual</a></p> <p>User manual for the VIAIR 84P Portable Compressor, Sport Compact Series. Includes operating instructions, safety warnings, features, specifications, and warranty information for this 12V DC air compressor.</p>
<p>User Manual of Product 1: VIAIR 450P-RV 45053 RV Gear Automatic Portable Compressor RV 12VDC Tire Pump, Tow/Spot Tire Inflator, 100 PSI, 100 PSI</p>	<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>VIAIR 84P PORTABLE COMPRESSOR PART NO. 00084 USER MANUAL Every Vehicle Counts!</p> <p>IMPORTANT: Read and understand all instructions and warnings before using this product. SAVE THIS MANUAL FOR FUTURE REFERENCE. USER MANUAL</p>	<p><a href="#">VIAIR 84P Portable Compressor User Manual - Model 00084</a></p> <p>User manual for the VIAIR 84P Portable Compressor (Part No. 00084). Includes operating instructions, safety guidelines, features, specifications, and warranty information for this 12V DC air compressor.</p>
 <p>VIAIR 450P-RV AUTOMATIC PORTABLE COMPRESSOR EXTREME SERIES PART NO. 45053</p> <p>IMPORTANT: Read and understand all instructions and warnings before using this product. SAVE THIS MANUAL FOR FUTURE REFERENCE. USER MANUAL</p>	<p><a href="#">VIAIR 450P-RV Automatic Portable Compressor User Manual</a></p> <p>User manual for the VIAIR 450P-RV Automatic Portable Compressor (Extreme Series, Part No. 45053). Covers safety, operation, accessories, maintenance, troubleshooting, and specifications for this 12V portable air compressor.</p>
 <p>VIAIR 400P-RV AUTOMATIC PORTABLE COMPRESSOR PART NO. 40047</p> <p>IMPORTANT: Read and understand all instructions and warnings before using this product. SAVE THIS MANUAL FOR FUTURE REFERENCE. USER MANUAL</p>	<p><a href="#">VIAIR 400P-RV Automatic Portable Compressor User Manual &amp; Specifications</a></p> <p>Comprehensive user manual and specifications for the VIAIR 400P-RV Automatic Portable Compressor (Model 40047). Includes operating instructions, safety precautions, troubleshooting guide, and warranty information.</p>

 <p>The image shows the front cover of the VIAIR EVC85P Digital Portable Air Compressor User Manual. At the top, the VIAIR logo is displayed with the tagline 'Power Your Air Adventure'. Below the logo, the text reads 'EVC85P DIGITAL PORTABLE AIR COMPRESSOR', 'PART NO. 85000', and 'USER MANUAL'. A central illustration depicts the air compressor unit, which is a compact, rectangular device with a carrying handle, connected to a coiled air hose and a pressure gauge. Below the illustration, the slogan 'EVERY VEHICLE CARRY' is printed. At the bottom of the cover, there is a small 'WARNING' section with safety instructions and a '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>
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