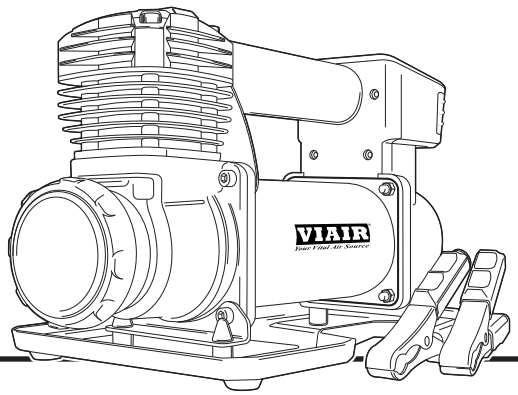
VIAIR
Your Vital Air Source

450P-EF DIGITAL - PN 45244
450P-EF RV DIGITAL - PN 45257

USER MANUAL



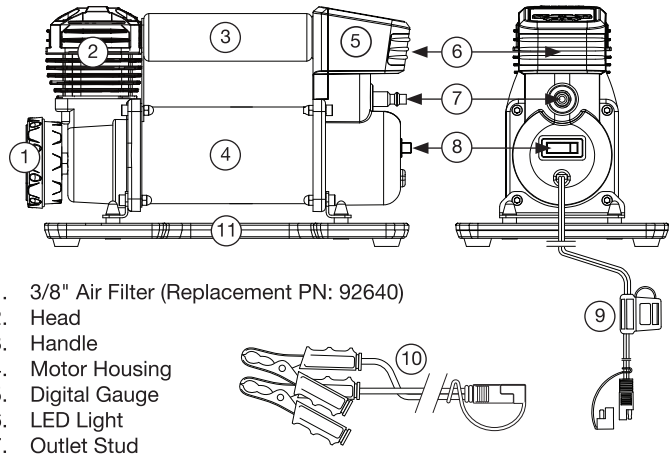
IMPORTANT:
It is essential that you and any other operator of this product read and understand the contents of this manual before using this product.
SAVE THIS MANUAL FOR FUTURE REFERENCE

⚠ **For your safety:** The 450P-EF Digital generates heat during operation; the head may get very HOT after use. Allow the unit some time to cool before storage and only carry it by the handle. Do not operate the compressor in standing water or expose it to excessive moisture, and never immerse the unit in water. Avoid dropping the compressor or subjecting it to hard impacts. Always operate the compressor on a stable surface with adequate ventilation, and disconnect power when not in use.

⚠ **Keep your 450P-EF Digital out of reach of children.** This product is not a toy and should only be operated by responsible users familiar with compressed air systems. Never allow unsupervised children to handle or operate the compressor.

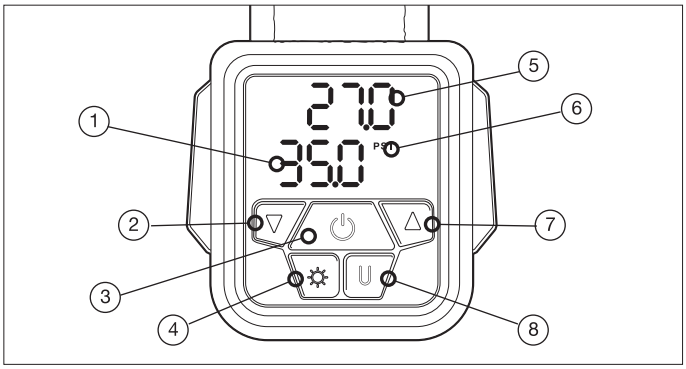
Congratulations on purchasing a premium VIAIR product! The 450P-EF Digital is designed for users who need fast and accurate inflation in a portable package. The digital gauge and auto-stop functions deliver consistent and repeatable results without the guess work. Please read the instructions before using this product, and happy adventures!

Remove all contents from the package and carefully go over the components diagram & user instructions.



1. 3/8" Air Filter (Replacement PN: 92640)
2. Head
3. Handle
4. Motor Housing
5. Digital Gauge
6. LED Light
7. Outlet Stud
8. ON/OFF Switch
9. Power Cord and 40-Amp Fuse
10. Battery Clamps (7-Way Connector and Terminal Rings available separately)
11. Sand tray

DIGITAL GAUGE - OVERVIEW



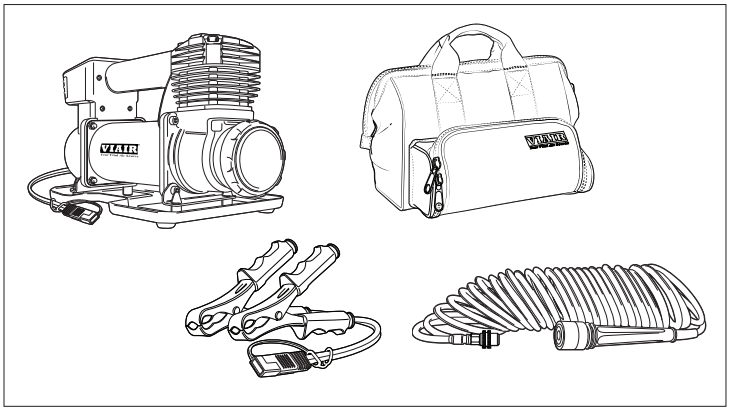
1. Target Pressure
2. Decrease Preset Pressure
3. START/STOP Button
4. LED Light ON/OFF (white, flashing red)
5. Actual Pressure
6. Displayed Pressure Unit
7. Increase Preset Pressure
8. Pressure Unit (PSI, BAR, KPA)

CONFIGURATIONS

The 450P-EF Digital is available in 2 purpose-built configurations to match how you use your compressor. Each kit includes the same 450P-EF Digital compressor, paired with specific accessories to support your use case.

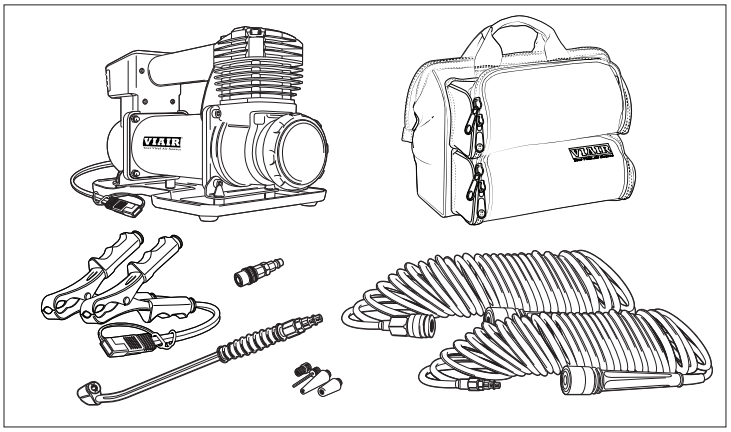
450P-EF DIGITAL - PN 45244

Designed for everyday vehicles including cars, SUVs and trucks. The 25ft coil hose allows all 4 tires to be reached from a single point, making it ideal for routine tire maintenance at home or on the road.



450P-EF RV DIGITAL - PN 45257

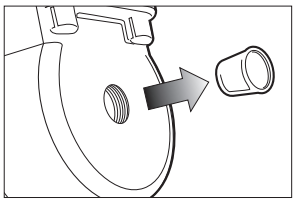
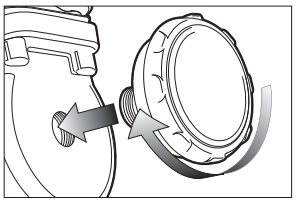
Built for longer vehicles and multi-axle setups. Includes a primary and extension hose for 50ft of combined reach, allowing inflation of tow vehicle and RV tires from one location. A dually-specific chuck is included for improved access to inner wheels on motorhomes, trailers and dually trucks.



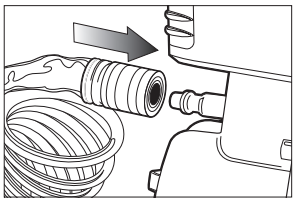
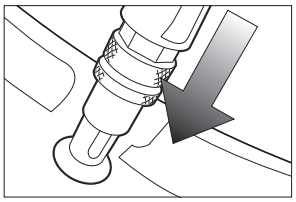
USING THE COMPRESSOR

The 450P-EF Digital is designed to be simple and intuitive to operate. Review these steps carefully to ensure proper operation and best performance.

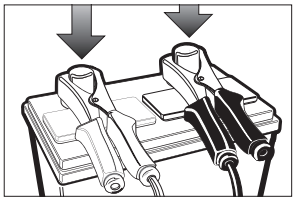
STEP 1 Deploy the compressor. Make sure the air filter is installed: remove the red rubber plug and screw the air filter into the crankcase until its hand tight.

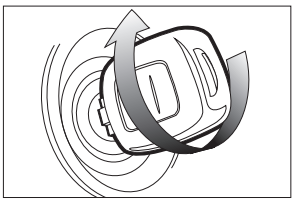
STEP 2 Connect the coil hose to the compressor's Outlet Stud, then connect the air chuck to the tire by pushing it onto the tire valve.

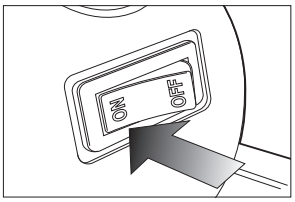
STEP 3 Connect the compressor to the power source. For battery clamps, the red clamp goes on the positive (+) battery terminal and the black clamp goes on the negative (-) battery terminal or the vehicle frame. If using the 7-Way Plug, simply connect it to the trailer power outlet.

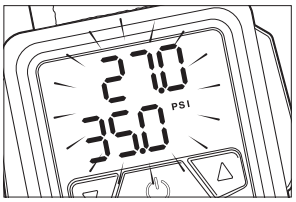


STEP 4 Start the vehicle. We recommend keeping the vehicle running during use to help maintain proper system voltage and avoid draining the battery, especially during extended inflation.

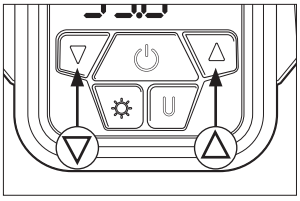
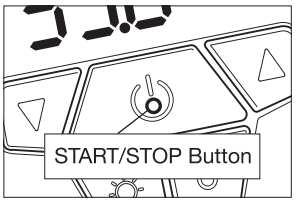


STEP 5 Turn the power switch to the ON position: the digital screen will light up and your actual tire pressure will appear on the display.





STEP 6 Use the ▽ and △ buttons to select the target pressure desired, then press the START/STOP button: the compressor will run and automatically stop once the target pressure is reached. You can press the START/STOP button any time during inflation to manually stop the compressor, and press it again to restart the compressor and resume inflation.

ADDITIONAL USAGE INFORMATION

DURING INFLATION
During operation, the compressor may momentarily stop inflating while the system checks and stabilizes pressure readings. This is a normal part of the preset inflation process and helps improve accuracy by allowing pressure to equalize before resuming inflation. The compressor will continue operating and automatically stop when the target pressure is reached.

IF USING THE 45° DUALLY-SPECIFIC EXTENDED CHUCK
The included 45-degree dually-specific air chuck is a push-on, open-end design and does not lock onto the valve stem. When using this accessory, set your target pressure, start the compressor, then walk to the tire and press/hold the chuck onto the tire valve until the compressor automatically stops at the target pressure.

AFTER INFLATION
1. Turn off the compressor and disconnect it from the power source.
2. Disconnect the chuck from your tires, then disassemble the accessories.
3. Allow the unit some time to cool, then stow the compressor.

YOU'RE READY TO ROLL.
From dialing your pressure before a long haul to airing back up after the trail, the 450P-EF Digital is built to make inflation fast, accurate and hassle-free. Drive with confidence and enjoy the road ahead – we'll handle the air.

TROUBLESHOOTING GUIDE:

PROBLEM:	POSSIBLE CAUSE(S)	CORRECTIVE ACTION
Compressor will not turn on	Poor power connection Power switch not ON Blown fuse	Check battery clamp connection Check trailer plug connection Turn the power switch ON Check and replace the fuse
Compressor turns on but START button does not work	Actual pressure value is higher than target pressure value	Make sure the target pressure value is set to a higher number than the actual pressure
Compressor runs but inflation is very slow	Bad tire valve connection Crankcase plug not removed	Check tire valve connection for leaks Remove the red rubber plug from the crankcase
Compressor runs but it's very loud	Air filter not installed	Install the air filter

VIAIR®
Your Vital Air Source

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LIMITED WARRANTY:
VIAIR® Corporation warrants this product, when properly installed and under normal conditions of use, to be free from defects in workmanship and materials for a period of one year from its original date of purchase. To receive warranty service or repair, please contact VIAIR® Corporation.

Returns should be made within one year of the date of purchase, after a Return Goods Authorization (RGA) number has been assigned by VIAIR® Corporation. To obtain RGA, fax a copy of your receipt to (949) 585-0188. For complete warranty details, please visit: ***www.viaircorp.com/warranty***

PLEASE NOTE:
THIS WARRANTY COVERS PRODUCT DEFECTS ONLY; IT DOES NOT COVER INCIDENTAL OR CONSEQUENTIAL DAMAGES AS RESULT OF MISUSE OR ABUSE.

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