VIAIR®
Your Vital Air Source

87P PORTABLE COMPRESSOR
SPORT COMPACT SERIES

PART NO. 00087

IMPORTANT:
It is essential that you and any other operator of this product read and understand the contents of this manual before installing and using this product.

SAVE THIS MANUAL FOR FUTURE REFERENCE

USER MANUAL

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87P PORTABLE COMPRESSOR

Please read this instruction manual carefully prior to operating this product. Pay particular attention to the **CAUTION** and **WARNING** statements in this manual. Failure to comply with these instructions could result in personal injury or property damage. Retain these instructions for future reference.

DESCRIPTION:

This portable oil-less air compressor is designed to operate on 12 volts DC and must be connected to the battery's corresponding terminals. The unit comes equipped with a pressure gauge and a 3 pc. set of inflation tips. It can be used for inflating tires, sports balls, or topping off pressure for single person tube rafts, air mats, and other uses.

IMPORTANT SAFETY INSTRUCTIONS:

CAUTION: The compressor has been designed to provide long-term, trouble-free operation. To reduce risk of electrical shock or electrocution and to prevent damage to your compressor, follow these simple guidelines:

1. Do not disassemble. Do not attempt to repair or modify this unit.
2. Never allow children to operate this compressor. Close supervision is necessary when this compressor is being used near children.
3. This compressor will become very hot during and immediately after use. Do not touch any part of this compressor with bare hands, other than the ON/OFF switch and carry handle, during or immediately after use.
4. Provide sufficient cooling time before storing the unit.
5. Never operate the compressor near fire, flammable gas or liquid.
6. There are no user-serviceable parts in this unit, no lubrication is required.
7. Do not pump anything other than atmospheric air.
8. Never use this product while sleepy or drowsy.
9. Be sure the unit's power switch is in the OFF position when not in use.
10. Use only in well ventilated areas.
11. The unit should be used only in dry environment. Protect the unit from rain, snow or other sources of moisture.
12. Never carry the air compressor by the hose or power cord.
13. Never point air nozzle towards another person or any part of the body.
14. Inflate items only to their manufacturer's recommendations pressures. Do not leave air compressor running unattended. It could burst tires or other items.

CAUTION: The hose and fittings connected to the compressor may become HOT during and after use.

FEATURES:

1. Built-In 120 PSI Pressure Gauge
2. LED Work Light/Power Indicator
3. Dual Battery Clamps with 20-amp Inline Fuse Holder
4. Deluxe Carry Bag with Bright Orange Lining for Enhanced Visibility
5. 3-Pc. Inflation Tips Kit
6. Piston Type Compressor
7. Oil-Less Design
8. Gearless Direct-Drive Motor
9. Permanently Lubricated Bearings
10. Compact Size for Easy Carrying and Storage
11. Solid Brass Twist-On Tire Chuck
12. Aluminum Alloy Cylinder
13. Power Cord: 9.5 ft. / Air Hose: 8 ft.

OPERATING INSTRUCTIONS:

IMPORTANT: Engine must be running while using this compressor.

Before attaching air compressor's power cord to power source, check to make sure that the ON/OFF switch of your compressor is in the **OFF** position. Attach the Positive battery clamp (Red) to the Positive terminal of the battery and the Negative battery clamp (Black) to the Negative terminal of the battery.

CAUTION: Your Portable Air Compressor is Moisture and Dust Resistant, but NOT WATER OR DUST PROOF. Never place compressor in soft sand while running the compressor. Vibration from the compressor will cause the compressor to settle into soft sand, resulting in compressor drawing in foreign particles. Never expose compressor to water while running the compressor.

TIRE INFLATION:

1. Attach the end of the air hose to the tire valve stem.
2. Turn the compressor power switch to ON and begin to inflate tire.
3. When the pressure gauge indicates the desired pressure, switch the unit OFF and remove the air hose from the tire valve stem.

Please Note: During inflation, due to air velocity, pressure gauge cannot provide accurate pressure readings, to check and verify the actual tire pressure the compressor must be in OFF position.

CAUTION: To avoid over inflation, never exceed recommended pressure. Doing so may cause articles to burst and can cause serious bodily injury. Always make sure the Portable Compressor's power cord is uncoiled and fully extended when using your air compressor to avoid overheating the power cord.

FOR ALL OTHER INFLATABLE OBJECTS, INCLUDING BICYCLE TIRES, TOYS, AND SPORTS BALLS:

IMPORTANT: Engine must be running while using this compressor.

1. A selection of inflation tips is provided to fit some inflatable objects. Simply screw the appropriate nozzle into the tip of the air hose.
2. Attach the appropriate nozzle to article to be inflated and turn the power switch to the ON position.
3. When article is inflated to desired firmness, turn the compressor off. Do not over inflate.

MAINTENANCE INSTRUCTIONS:

Turn **OFF** and unplug Air Compressor. Your air compressor is equipped with permanently lubricated, maintenance-free motor. Never try to lubricate the compressor. Use only mild soap and a cloth dampened with hot water to clean plastic parts. Avoid any type of detergents or solvents, which might contain chemicals that could damage plastic portions or painted surfaces of the compressor. All other services should be performed by a qualified person.

MODEL 87P SPECIFICATIONS:

Part Number:	00087 / 87P
Weight:	4.30 lbs. / 1.95 kg.
Voltage:	12V DC
Max. Amp Draw:	15 amps
Max. Working Pressure:	60 PSI
Max. Duty Cycle (@ 72°F):	20 Min. @ 30 PSI
Flow Rate @ 0 PSI (13.8 Volts):	1.26 CFM
Dimensions:	9.1” (L) x 3.1” (W) x 5.6” (H)
Ambient Temperature:	-4°F ~ +158°F

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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