



MODEL NUMBER:
00085 --- 85P PORTABLE COMPRESSOR



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

SAVE THIS MANUAL FOR FUTURE REFERENCE

USER MANUAL

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. The unit comes equipped with a pressure gauge and a 3-piece set of inflation tips. The 85P can be used for inflating tires, sports balls, or topping off pressure for rubber rafts and air mats, and hundreds of other uses.

SAFETY INSTRUCTIONS

The compressor has been designed to provide long-term, trouble-free operation. To prevent damage to your compressor, follow these simple guidelines:

1. Do not disassemble. Do not attempt to repair or modify this unit. Refer to qualified service agencies for all service and repairs.
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. This air compressor is equipped with Automatic Reset Thermal Protector, and can automatically restart after the thermal protector resets. Always cut off power source when thermal protector becomes activated. After allowing the compressor to cool off for about 30 minutes, you can safely

- resume usage of the air compressor by turning on the air compressor.
12. The unit should be used only in dry environment. Protect the unit from rain, snow or other sources of moisture.
 13. Never carry the air compressor by the hose or power cord.
 14. Never point air nozzle towards another person or any part of the body.
 15. Inflate items only to their manufacturer's recommendations pressures.
Do not leave air compressor running unattended.

CAUTION: Never touch the air compressor or fittings connected to the air compressor except for the ON/OFF switch with bare hands during or immediately after use.

85P STANDARD FEATURES

1. Heavy duty, gearless, direct driven motor
2. 120 psi air pressure gauge
3. Piston type compressor
4. Includes a 3-piece set of inflation tips
5. Oil-less design, maintenance free
6. Compact size for easy carrying and storage
7. High strength stainless steel valves
8. Anodized aluminum alloy cylinder
9. Durable, high performance PTFE piston ring
10. 10 ft heavy duty wire with power adapter plug
11. 3 foot inflation hose with screw-on, open-ended air chuck

Amp Draw Warning

Most auto power ports handle up to 15 amps. Some power ports may have lower amp ratings. Before purchasing and using this unit, inspect the amp draw limitations of your vehicle's power port. The 85P Portable Air Compressor requires a power port rated for 15 amps. Never use a fuse larger than the original fuse. Consult your vehicle manual for further details.

85P OPERATING INSTRUCTIONS:

1. The compressor is designed to operate on 12 volts DC. To obtain power, plug into power port.
2. Attach the end of the air hose to the tire valve stem.
3. Turn the compressor power switch to ON and begin to inflate tire.
4. When the pressure gauge indicates the desired pressure, switch the unit OFF to check standing pressure and remove the air hose from the tire valve stem if appropriate pressure has been reached. Otherwise, continue to fill tire.

FOR ALL OTHER INFLATABLE OBJECTS:

1. A selection of inflation tips is provided to fit most 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.

CAUTION:

To avoid over inflation, never exceed recommended pressure on articles to be inflated. Bursting articles can cause serious injury or death

MAINTENANCE INSTRUCTIONS:

Turn OFF and unplug air compressor. Use only mild soap and a rag dampened with hot water to clean plastic parts. Avoid all other types of detergents, cleaner, or solvents, which might contain chemicals that could seriously damage plastic portions or painted surfaces of the compressor. All other services should be performed by a qualified person.

85P SPECIFICATIONS:

Part Number: 00085

Voltage: 12-volt DC

Max. Amp Draw: 14.5 amps

Max. Working Pressure: 60 PSI

Max. Duty Cycle (@ 72°F & 30 PSI): 13% or 20 Minutes

Flow Rate @ 0 PSI (13.8 Volts): 1.83 CFM

Min. Ambient Temperature: -40°F

Max. Ambient Temperature: 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.



Your Vital Air Source

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