

VEVOR[®]

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AIR COMPRESSOR USER MANUAL

We continue to be committed to provide you tools with competitive price. "Save Half", "Half Price" or any other similar expressions used by us only represents an estimate of savings you might benefit from buying certain tools with us compared to the major top brands and does not necessarily mean to cover all categories of tools offered by us. You are kindly reminded to verify carefully when you are placing an order with us if you are actually saving half in comparison with the top major brands.

VEVOR[®]

AIR COMPRESSOR

Model: YF6475



NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:

✉ CustomerService@vevor.com

This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

TECHNICAL SPECIFICATIONS

Pressure(PSI)	Current (A)	LPM
0	47	130
20	52	118
40	59	105
60	64	87
80	68	75
100	70	63
120	71	54
140	71	46
150	71	42

PERFORMANCE

Model	YF6475
Recommended operating pressure range	0-150 PSI
Max. Operating Pressure	150 PSI
Pressure Switch Setting	On 120 PSI / Off 150 PSI
Air Tank	3.8 L
Tank Relief Valve Setting	180 PSI
Motor	12V
Max. Power Draw	45A
Fuse	60A
Duty Cycle	30% @ 100 PSI
Solenoid Rating	100A
Weight	15 kg
Dimensions	515x400x195mm

MATERIALS

Cylinder Sleeve	Steel
Heat Sink	Aluminum
Piston	Aluminum
Piston Seal	Teflon
Check Valve	Silicon
Head Gasket	Silicon
Reed Valves	Stainless Steel
Check Valve Spring	Stainless Steel
Air Line	7.5m Poly Urethane

The AIR compressor is a twin cylinder, oil free, 12V air compressor. The AIR compressor has been designed for people travelling off-road requiring a quick and portable air compressor. It is ideally suited to vehicle and truck tyre inflation. The internal air receiver allows for high volumes of compressed air to be stored and used for alternate applications.

The BOX AIR is simple and convenient to operate. Connect the cables to a power source and flick the switch. The compressor will pressurise the integrated air tank. This air tank houses an electric pressure switch that will turn off your air compressor by acting on a heavy-duty relay. The pressure switch will activate and turn off the compressor at a set point of 150 PSI and back on when the pressure falls to 120 PSI. A pressure relief valve is also included on the tank and this will relief at 180 PSI if needed. An air regulator valve is included in the air outlet from the tank and this allows users to set the air pressure supplied to the inflator nozzle. The tank includes a drain tap for draining off water that condenses inside the tank.

WARNINGS

1. Your AIR compressor will get hot during operation which may result in burns if contacted with skin. Compressor cylinder head temperatures in excess of 100°C are normal. Never leave children unsupervised around your AIR compressor.
2. Your AIR compressor is heavy. Consider storage and handling

when packing your vehicle. Heavy items can become projectiles if you're ever in a crash.

3. Your AIR compressor does have a duty cycle, 30% at 100PSI. This means at 100PSI discharge pressure, the compressor should be operated for a maximum of 13 minutes on before a cool down period of 30mins. Operating at higher discharge pressures will lower the duty cycle and care should be taken.

Note: typical tyre inflation will see the air tank pressure fall below 100 PSI meaning the duty cycle is increased above 30%.

INSTALLATION

The AIR compressor is designed for mobile, portable operation. Place the unit on the ground next to your vehicle, there is no requirement to permanently install or remove from the supplied box.

Do not operate the unit with the box closed as this will limit air flow and may result in overheating.

ELECTRICAL INSTALLATION

Run the heavy-duty power leads to your vehicle's battery under the bonnet. Connect power cables, Red to positive, Black to negative.

Be sure to keep your vehicle running while operating the AIR compressor to maximise the performance from your air compressor. With your vehicle's engine running there is little risk of the AIR compressor flattening your vehicles battery.

OPERATION

Switch power switch to 'on' position. Compressor will cycle on and pressurise the inbuilt receiver tank.

Adjust the pressure regulator to the desired outlet air pressure requirement.

Connect and disconnect air lines as necessary to begin operation. The compressor will automatically start and stop based on demand.

MAINTENANCE

Pre-start daily checks– Visually check the air filter on the inlet to the compressor. Replacement intervals will depend on the operating environment and frequency of use. Suggested replacement interval is 50 hrs.

The air receiver tank will accumulate moisture with use. It is recommended the tank be drained of water at regular intervals. A drain tap is provided on the tank to facilitate this draining process.

1,000hrs – The seal on the main piston has been designed with a 1,000hr service interval. It is recommended all soft seals are replaced at the same time. The electric motor brushes should also be replaced at 1,000hrs operation to ensure reliable operation.

DISPOSAL

Do not dispose of electric tools, accessories and packaging together with household waste material (only for EU countries)- in observance of the European Directive on the waste of electric and electronic equipment and its implementation in accordance with national law, electric tools that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.

WARRANTY

Your VEVOR AIR compressor is warranted against defects in materials and workmanship for a 12 month period from the date of purchase. Faulty goods will be repaired or replaced at Vevor’s discretion.



Note / Remark.



Caution / Warning.



Read the instruction manual.



Switch the product off and disconnect it from the power supply before assembly, cleaning, adjustments, maintenance, storage and transportation.



The product complies with the applicable European directives and an evaluation method of conformity for these directives was done.



WEEE symbol. Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or local store for recycling advice.

Manufacturer: Yuyao City YuRui Electrical Appliance Co.,Ltd.

Address: Hudi industrial Zone,Linshan Town,Yuyao city Zhejiang,China

Importer: WAITCHX

Address: 250 bis boulevard Saint-Germain 75007 Paris

Importer: FREE MOOD LTD

Address: 2 Holywell Lane, London, England, EC2A 3ET



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