



# Portable Air Compressor

## User Manual

[Revision 3.0 October 2018]

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READ THIS MANUAL CAREFULLY BEFORE USE – FAILURE TO DO SO MAY RESULT IN INJURY, PROPERTY DAMAGE AND MAY VOID WARRANTY. • KEEP THIS MANUAL FOR FUTURE REFERENCE. • Products covered by this manual may vary in appearance, assembly, inclusions, specifications, description and packaging.

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# Safety

**CAUTION:** To reduce risk of electrical shock or electrocution:

- Do not disassemble. Do not attempt repairs or modifications. Please contact us should there be any repairs needed.
- Do not use this product in an area where it can fall or be pulled into water or other liquids.
- Do not reach for this product if it has fallen into liquid.
- This product should never be left unattended during use.
- Use this air compressor with 12V DC systems only.

**WARNING:** To prevent injuries:

- Never allow children to operate this air compressor.
- Close supervision is necessary when this air compressor is being used near children.
- This air 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 during and immediately after use.
- Do not use this product near flames or explosive atmospheres or where aerosol product are being used.
- Do not operate this product where oxygen is being administered.
- Do not pump anything other than atmospheric air.
- Never use this product while sleepy or drowsy.
- Do not use any tools or attachments without first determining maximum air pressure for that tool or attachment.
- Never point any air nozzle or any air sprayer toward another person or to any part of the body.
- 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.
- Wear safety glass or goggles when operating this product.
- Use only in well ventilated areas.

## OPERATION SAFETY PRECAUTIONS:

- Always operate any air compressor WITHIN THE MAXIMUM PRESSURE RATING of the unit. Refer to the technical specification section of this manual.
- Always OBSERVE THE MAXIMUM DUTY CYCLE of the air compressor. Refer to specifications for details. Operations exceeding maximum pressure ratings and or duty cycle will result in damage to air compressor.
- Your air compressor is equipped with AUTOMATIC THERMAL OVERLOAD PROTECTOR. This feature is designed to protect the air compressor from over-heating causing permanent damage to your air compressor. The thermal overload protector will automatically cut off power to air compressor should internal operating temperature of the air compressor rise above safe levels during excessive use.
- Should at any time during usage, if the compressor suddenly shuts off, do not attempt to restart it. Turn on/off switch to off position. The automatic thermal overload protector will automatically reset when internal temperature of the air compressor drops below safe level. After allowing air compressor to cool off for about 15 minutes, you can safely resume usage of the air compressor by turning on the air compressor.
- Please note that you may experience a slight delay (about ½ second) of the air compressor's motor starting when the On/Off switch is turned on while air compressor is pressurized (when there is pressure in the line that the compressor is connected to). This is a normal delayed reaction, not an air compressor ON/OFF switch malfunction.
- It is strongly recommended that you keep that you keep the vehicle's engine running while using the air compressor to prevent discharge of your vehicle's battery. This means you should ONLY OPERATE THE AIR COMPRESSOR IN WELL VENTILATED AREAS. Compressor performance is also enhanced when operation air compressor with vehicle engine running.
- Before attaching the unit's power cord to power source, check to make sure that the ON/OFF switch of your air 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. Always keep your vehicle's engine running while operating the air compressor to avoid draining your vehicle's battery.

- The air compressor is moisture and dust resistant. The air compressor is equipped with a send tray so that you can place the compressor on soft sand while running the air compressor. Never expose compressor to water while running.
- Make sure air compressor sits upright while operating. Do not operate if unit is not sitting up. Avoid tugging at air compressor. Move it to the same side of vehicle as tires that are being aired up.
- Always make sure that the air compressor's power cord is uncoiled, and fully extended when using your air compressor to avoid overheating of the power cord.

#### **ADDITIONAL OPERATION PRECAUTIONS:**

- Never exceed to 20 MPH when driving with partially inflated tires
- Never make sharp turns while driving with reduced tire pressure
- Re-inflated tires before high speed travelling onto roadways
- Use heat-resistant, minimum 200 PSI rated working pressure extension hose. Do not use aftermarket hoses with less than 200 PSI working pressure. Some aftermarket hoses may not be suitable for use with this air compressor due to heat and pressure typically generated by this type of air compressor.
- Use of close ended tire chuck will cause excessive pressure build-up if tire chuck is not attached to tire valve stem while air compressor is in operation. Always use an open-ended tire chuck such as the tire chuck equipped on the deflator coil hose for tire inflation.

# Operation

This air compressor comes with heavy heat resistant leader hose with quick connected stud. The in-line deflator comes with extension coil hose quick coupler. Simply attach this multi-function extension coil hose to the leader hose and you are ready to inflate tires: this in-line deflator/inflator hose can be used for both airing up and down. Please familiarize yourself with the following different function of this versatile air tool.

## Tire inflation

- Attach quick connect coupler to air compressor
- Screw tire chuck onto tire valve stem
- Check to make sure the deflator collar lock is disengaged
- Turn air compressor switch on to begin inflation. When desired pressure is reached, turn off the air compressor.

## Hands free continuous air down

- Screw tire chuck onto tire valve stem
- Push deflator collar toward tire valve stem and turn deflator collar clockwise to engage lock.
- When desired pressure is reached, turn deflator collar counter-clockwise to disengage lock.

## Intermittent deflation

- The intermittent deflation function offers fast pressure adjustments
- With the chuck attached to the tire valve stem, push deflator collar toward tire valve stem to decrease tire pressure
- Please attach deflator collar to hit half deflation

## In-line pressure gauge

- The two inch in-line pressure gauge provides convenient tire pressure monitoring when airing up and down.

# Technical Specifications

<b>Voltage range</b>	12-13.8 V
<b>Motor Type</b>	Permanent Magnetic
<b>Max Restart Pressure</b>	220 PSI
<b>Max Air Flow</b>	300L/per min
<b>Ambient Temperature</b>	60 C(max) ; -55 C(min)
<b>Max Amperage Draw</b>	45A
<b>Working Pressure</b>	7BAR/100PSI
<b>Power Rating</b>	540W
<b>Hose Fittings</b>	1/4" NPT
<b>Recommended Duty Cycle</b>	30 min @ 2.8 BAR (40psi) @ 24°C
<b>Pressure</b>	150 PSI
<b>Hose Length</b>	5m
<b>Auto Reset Thermal Protection</b>	Yes
<b>Product Weight</b>	8.5kg



**Some experts believe that the incorrect or prolonged use of almost any product may cause serious injury or death. To help reduce your risk of serious injury or death, refer to the information below. For more information, see [www.datastreamserver.com/safety](http://www.datastreamserver.com/safety)**

- Consult all documentation, packaging and product labelling before use. Note that some products feature documentation available online. It is recommended to print and retain the documentation.
- Before each use, check the product for loose/broken/damaged/missing parts, wear or leaks (if applicable). Never use a product with loose/broken/damaged/missing parts, wear or leaks.
- Products must be inspected and serviced (if applicable) by a qualified technician every 6 months. This is based on average residential use by persons of average size and strength, and on a property of average metropolitan size. Use beyond these recommendations may require more frequent inspections/servicing.
- Ensure that all users of the product have completed a suitable industry recognised training course before being allowed access to the product.
- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or description of application. Be sure to attain third-party approval from a qualified specialist for your application before use, regardless of any assurances from the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (for example, automobile, computer, toaster), there is the possibility of technical issues that may require the repair or replacement of parts, or the product itself. If the possibility of such failure and the associated time it may take to rectify could in any way inconvenience the user, business or employee, or financially affect the user, business or employee, then the product is not suitable for your requirements. This product is not intended for use where incorrect operation or a failure of any kind, including but not limited to, a condition requiring product return, replacement, parts replacement or service by a technician may cause financial loss, loss of employee time or an inconvenience requiring compensation.
- If this product has been purchased in error when considering the information presented here, contact the retailer directly for details of their returns policy, if required.

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