



# Portable Air Compressor

## User Manual

[Revision 4.0 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

- Always inflate tyres to manufacturer's recommended tyre pressure. Exercise extreme caution when driving with aired tyres. Re-inflate tyres before high-speed roadway travel.
- Never exceed 20mph when driving with partially inflated tyres.
- Never make sharp turns while driving with reduced tyre pressure.
- Re-inflate tyres before high speed travelling onto roadways.
- Use a 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 tyre chuck will cause excessive pressure built-up if tyre chuck is not attached to tyre valve stem while Air Compressor is in operation. Always use an Open-Ended tyre chuck such as the tyre chuck equipped on the Deflator Coil Hose for tyre inflation.

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

- Do not disassemble. Do not attempt repairs or modifications. Refer to qualified service agencies for all service and repairs.
- Do not use this product in or 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. Use this air compressor with 12V DC systems only.
- This product should never be left unattended during use.

## **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 air compressor with bare hands, other than the ON/OFF switch, during and immediately after usage.
- 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 air sprayer toward another person or 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.
- Never touch the Air Compressor or fittings connected to the Air Compressor, other than the On/Off switch, with your bare hands during or immediately after usage. Leader hose and fittings on extension hose will become very HOT during and after use. If necessary, wear heat-resistant gloves to remove extension hose from the leader hose.

## Included Items



- 1x** Air Compressor
- 1x** Battery Clamps (with re-settable fuse)
- 1x** Hose (with pressure & deflation gauge)

- 3x** Hose tips
- 1x** Fix Kit

# Operation

## Inflation

1. Connect hose to air compressor.



2. Connect battery clamps to battery - Ensuring red is connected to positive and black is connected to negative.



3. Rotate dial all the way to the top.



4. Attach air outlet to tyre valve.



5. Turn on and release when reached wanted pressure.



6. Turn off and disconnect battery clamps.

## Deflation

Use this feature when using on soft surfaces such as sand. The battery clamps or air compressor are not needed for this function – only the orange hose is.

1. Rotate dial to desired pressure.



2. Attach to tyre valve.



3. The silver pin will spring out and stop releasing air. The hose can now be removed from the tyre valve.

## Maintenance

Almost all mechanical devices have some form of duty cycle. The duty cycle is the amount of time it needs resting in between usage. This item has a duty cycle of 5 minutes usage time to 5 minutes resting time. For efficient product life and maintenance, please adhere to these times.

## Specifications

|                                      |                                 |
|--------------------------------------|---------------------------------|
| <b>Model</b>                         | OTB600                          |
| <b>Motor type</b>                    | Permanent Magnetic              |
| <b>Maximum air flow</b>              | 200 L/min                       |
| <b>Voltage range</b>                 | 12-13.8 V                       |
| <b>Maximum amperage draw</b>         | 30A                             |
| <b>Working pressure</b>              | 10BAR/150PSI                    |
| <b>Maximum restart pressure</b>      | 220 PSI                         |
| <b>Maximum ambient temp</b>          | 60°C                            |
| <b>Min. ambient temp</b>             | -55°C                           |
| <b>Recommended duty cycle</b>        | 30 min @ 2.8 BAR (40psi) @ 24°C |
| <b>Hose fittings</b>                 | 1/4" NPT                        |
| <b>Hose Length</b>                   | 6m                              |
| <b>Auto reset thermal protection</b> | Yes                             |
| <b>Connection Type</b>               | Quick release                   |



**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.

