



AIR40 Twin Cylinder On-Board Air Compressor + Inflation Kit Quick Start Guide

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Pack contents

- 1 x Twin Cylinder Air Compressor
- 2 x Washable Air Filters
- 1 x Switch
- 2 x Wiring Looms
- 1 x 6m Hose
- 1 x Digital Tyre Gauge
- Required Mounting Hardware

Specifications

Number of Cylinders	2
Cylinder Diameter (Bore)	40mm
Voltage	12-13.8VDC
Current Draw Under Load	62A
Current Draw No Load	35A
In line Fuse Supplied	40A
Washable Air filter	Yes
Max Pressure	300PSI
Max Working Pressure	150PSI
Duty Cycle	Working 45mins, rest 20mins
Air Flow Under Load	108L/min(40PSI)
Air Flow Rates	130L/min (0PSI) 112L/min (29PSI)
Automatic Shut-off	120-150psi pressure switch
Pressure Cutout Switch	Cuts out automatically when 120-150psi pressure reached
Motor Thermal Protection	Yes
Connection To Battery	Wiring loom
Hose Length	6m
Hose Connector Type	NPT ¼ Quick Connect - check
Mounting Options	Horizontal Mounting Recommended
Product Dimensions	29×24.5×12cm
Product Weight	10.2kg
Warranty	3 Years

Introduction

The Oricom AIR40 Twin Cylinder Air Compressor is engineered for fast, efficient, and reliable tyre inflation. With a max pressure of 300 PSI and an impressive air flow rate of up to 130L/min, this compressor is designed for quick tyre inflation, even for larger 4x4 and off-road vehicles. The 40mm cylinders (bore size) deliver strong performance under load, while the washable air filter and thermally protected motor ensure long-lasting durability. This model includes a 6m hose with an NPT ¼ quick connect, 2 x 40A in-line fuses, and automatic shut-off for safe operation. Mount vertically for optimal performance, and rest easy with the 3 year warranty.

Key Features

- **Dual Cylinders (40mm Bore)** – Provides faster inflation times and increased efficiency for larger 4WD tyres.
- **Max Pressure (300 PSI)** – High pressure capability for larger tyres and tough inflating jobs.
- **High Flow Rates at Various Pressures** – Offers a consistent, high flow rate even at different pressure settings, enhancing performance and speed.
- **Air Flow Rate of 130L/min (0 PSI)** – Rapid inflation even at lower pressures, reducing downtime.
- **Thermally Protected Motor** – Prevents overheating during extended use, ensuring long-term durability.
- **Washable Air Filter** – Reduces maintenance by allowing easy cleaning and reusability.
- **Automatic Shut-Off at 120-150 PSI** – Safeguards your tyres and compressor by preventing overinflation.
- **Quick Connect NPT ¼ Connector** – Allows easy and fast hose connection without fuss.
- **Pressure Cut-Out Switch (120PSI On/160PSI Off)** – Enhances safety and ensures the compressor does not overwork, prolonging its lifespan.
- **Heavy Duty Metal Construction** – Provides durability and strength to withstand harsh conditions, making it ideal for off-road environments.
- **Max Working Pressure of 150 PSI** – Ensures reliable performance for large vehicle tyres even in demanding situations.
- **Compatible with Oricom's tyre inflator and deflator kits**
- **3 Year Warranty**

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Safety Information and Warnings



WARNING

Hot Surface Warning: The compressor gets extremely hot during operation. Avoid touching any working parts during or immediately after use. Always wear gloves when connecting or disconnecting the hose.

- **Release Air Pressure First:** Before installing hoses, fittings, or performing any maintenance, make sure all air pressure has been released from the system.
- **Do Not Aim at People or Animals:** Never direct compressed air at yourself, others, or pets. It can launch particles into the air, potentially causing eye, skin, or respiratory irritation.
- **Secure Mounting Required:** Always mount the compressor to a stable, solid surface before use.
- **Personal Use Only:** This compressor is intended for individual, non-commercial applications. It is not designed for commercial or industrial use.
- **Thermal Overload Protection:** The unit has a built-in thermal cut-off switch to prevent overheating. If the compressor shuts off automatically, turn off the power and allow it to cool for at least 45 minutes before restarting.
- **Temperature Affects Duty Cycle:** The duty cycle is rated at 23°C. Higher temperatures will reduce the operating time before the compressor must be rested.
- **Duty Cycle Limitations:** The compressor is rated for intermittent use over a 60-minute period. Do not exceed this cycle—continuous use may damage the unit.
- **Operate with Engine Running:** It's best to run the compressor while your vehicle engine is on. Using it with the engine off may quickly drain your battery.
- **Moisture Management:** The air produced contains moisture. If using the compressor with an onboard air tank, install a moisture trap before the tank inlet and/or fit the tank with a drain valve to prevent buildup.
- The AIR40 has a motor thermal cut out/reset and a 120psi pressure cut out switch.

Maintenance

- **Clean Air Filters:** Keep the air filters clean, especially when operating in dusty or dirty environments.
Clean filters as required.
- **Inspect Fasteners:** Periodically check all bolts, screws, and fittings. Tighten any loose components to maintain safe and stable operation.
- **Proper Storage:** When not in use, store the compressor in a clean, dry area to protect it from dust, moisture, and damage.

Wiring Electrical Diagram for Installation

Usage Instructions:

Make sure your air compressor is turned off and disconnected from the power source or has its air release valve open to prevent pressure build-up.

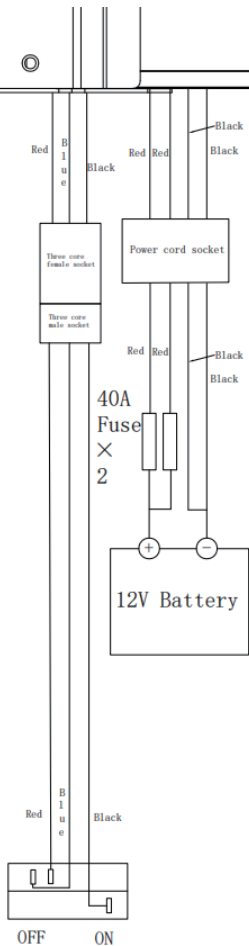
Remove the Valve Cap: Unscrew the small cap from the valve stem and keep it in a safe place.

Connect the Air Chuck: Attach the air chuck (the end of the hose that connects to the valve stem) of your digital gauge to the valve stem.

Ensure a tight seal to prevent air leakage, if slight air leakage is present turn the connector half turn clockwise to lock in place.

Check and Adjust Pressure: Turn on the compressor. The digital gauge will display the current tyre pressure. Use the gauge's controls to inflate or deflate the tyre until the desired pressure is reached.

Disconnect and Secure: Once the tyre is inflated, turn off the compressor, disconnect the air chuck from the valve stem, and replace the valve cap.



Express Warranty (Australia)

This Express Warranty is provided by Oricom International Pty Ltd ABN 46 086 116 369, Unit 1, 4 Sovereign Place, South Windsor NSW 2756, herein after referred to as “Oricom”.

Oricom products come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. Oricom warrants that the product is free from defects in materials or workmanship during the Express Warranty Period. This Express Warranty does not extend to any product from which the serial number has been removed or was purchased outside of Australia.

Nothing in this Express Warranty excludes, restricts or modifies any condition, warranty, guarantee, implied term, right or remedy pursuant to the Australian Consumer Law and which may not be so excluded, restricted or modified. For such conditions, terms, guarantees and warranties that cannot be excluded, restricted or modified, Oricom limits the remedies available to extent permitted in the relevant legislation.

The Express Warranty Period will be 3 Years from the date of purchase of the product evidenced by your dated sales receipt. You are required to provide proof of purchase as a condition of receiving Express Warranty services.

You are entitled to a replacement product or repair of the product at our discretion according to the terms and conditions of this document if your product is found to be faulty within the Express Warranty Period. This Express Warranty extends to the original purchaser only and is not transferable.

Products distributed by Oricom are manufactured using new materials or new and used materials equivalent to new in performance and reliability. Spare parts may be new or equivalent to new. Spare parts are warranted to be free from defects in material or workmanship for thirty (30) days or for the remainder of the Express Warranty Period of the Oricom branded product in which they are installed, whichever is longer. During the Express Warranty Period, Oricom will where possible repair and if not replace the faulty product or part thereof. All component parts removed under this Express Warranty become the property of Oricom. In the unlikely event that your Oricom product has a recurring failure, Oricom may always, subject to the Competition and Consumer Act 2010, at its discretion, elect to provide you with a replacement product of its choosing that is at least equivalent to your product in performance.

No change to the conditions of this Express Warranty is valid unless it is made in writing and signed by an authorised representative of Oricom.

Oricom will not be liable under this Express Warranty, and to the extent permitted by law will not be liable for any defect, loss, damage or injury arising out of or in connection with a:

1. Failure by you to adhere to the warnings and follow the instructions set out in this user guide for the proper installation and use of the product;

2. Wilful misconduct or deliberate misuse by you of the product;
3. Any external cause beyond our control, including but not limited to power failure, lightning or over voltage; or
4. Modification to the product or services carried out on the product by anyone other than Oricom or Oricom's authorised service provider.

How to make a claim under your Express Warranty in Australia

Oricom has a simple warranty process for you to follow:

- Please call or email our Customer Support Team, (02) 4574 8888 or support@oricom.com.au.
- A Customer Support Team member will verify after troubleshooting with you if your product qualifies under warranty. If so, they will give you a Product Return Authorisation number.
- We will then email or fax a Return Authorisation form and a Repair Notice (if necessary), together with instructions on how to return the goods for warranty service.

Please note that if a Customer Support Team member advises that your product does not qualify for return, this warranty does not apply to your product. Products that are authorised to be returned to Oricom in Australia must include all of the following:

- A completed Return Authorisation form
- A copy of your Proof of Purchase (please keep your original copy)
- The faulty product, including all accessories.

Send the approved returns to:

Oricom International Pty Ltd

Locked Bag 658

South Windsor NSW 2756 Australia

Please note that this Express Warranty excludes expenses incurred by you in returning any faulty product to us. You must arrange and pay any expenses incurred (including postage, delivery, freight, transportation or insurance of the product) to return the faulty product to us, however, we will arrange delivery of the repaired or replaced faulty product to you.

Important Information

Repair Notice

Please be aware that the repair of your goods may result in the loss of any user-generated data (such as stored telephone numbers, text messages and contact information). Please ensure that you have made a copy of any data saved on your goods before sending for repair. Please also be aware that goods presented for repair may be replaced by refurbished goods or parts of the same type rather than being repaired.