

oricom®



User Manual

AIR20 Portable Air Compressor with Digital Display

Keep this user guide for future reference. Always retain your proof of purchase in case of Warranty service.
www.oricom.com.au

Tested to meet safety standards: AS/NZS 60335.1:2020+A1:2021 and
EMC compliant with EN/IEC 55014-1:2021

Need Help?

If you need assistance setting up or using your Oricom product now or in the future, call Oricom Support.

Australia	(02) 4574 8888 www.oricom.com.au Mon-Fri 8am – 6pm AEST
New Zealand	0800 67 42 66 www.oricom.co.nz Mon-Fri 10am – 8pm NZST

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Introduction

The Oricom AIR20 is a high-performance portable air compressor designed for those who need quick and reliable inflation in tough conditions. With 48L/min air flow rate under load at 40 PSI, it offers quick inflation for tyres of various sizes, including 4WDs and off-road vehicles.

Ideal for outdoor enthusiasts, the AIR20 features a durable, washable air filter and 12V-13.8V operation for consistent power, ensuring you're always ready for your next adventure. Plus, with an automatic shut-off and thermal protection, this air compressor ensures safe and efficient operation. Whether you're heading off-road, camping, or tackling other outdoor challenges, the Oricom AIR20 is your perfect portable companion for fast, dependable, and safe tyre inflation.

Key Features

- **Air Flow Rate of up to 70L/min (0 PSI)** – Fast inflation from completely deflated tyres, reducing waiting time and enhancing efficiency.
- **Thermally Protected Motor (Shuts off at 115°C)** – Prevents overheating by automatically turning off the compressor when it reaches high temperatures.
- **Max Working Pressure of 150 PSI** – Delivers reliable inflation for heavy-duty tyres under demanding conditions.
- **Duty Cycle of 30 Minutes (30-Minute Rest)** – Allows extended operation time before a cooling break, enhancing productivity.
- **Automatic Shut-Off Pressure Switch** – Prevents over-inflation by automatically stopping once the desired pressure is reached.
- **7.5m Hose Length** – Provides ample reach for inflating multiple tyres without moving the compressor.
- **3m Power Cable with Battery Clamps** – Ensures a secure, direct connection to your vehicle's battery for reliable power.
- **Integral Digital Pressure Gauge with Auto Shut-Off** – Allows for accurate tyre pressure monitoring and automatic shut-off once the set pressure is reached.
- **Compatible with Oricom's tyre inflator and deflator kits**
- **3 Year Warranty**

Safety Information and Warnings



Hot Surface Warning: The compressor gets extremely hot during operation. Avoid touching cylinder head or air connections 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 use the compressor on 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.

Maintenance

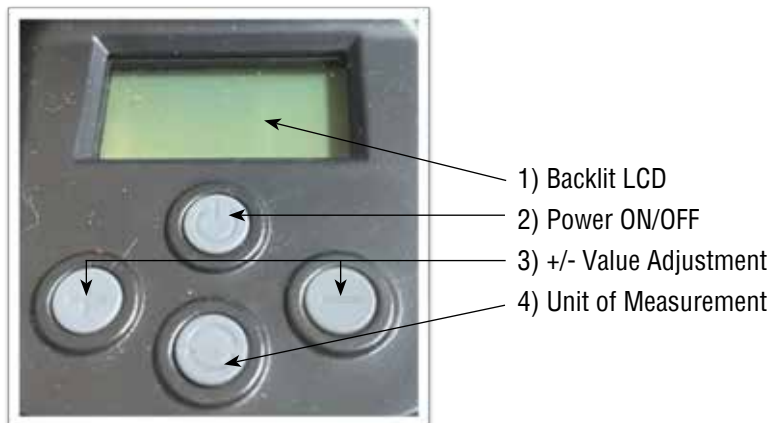
- **Clean Air Filters:** Keep the air filters clean, especially when operating in dusty or dirty environments.
Clean filters as required.
- **Inspect Fasteners:** Periodically check all bolts, screws, and fittings. Tighten any loose components to maintain safe and stable operation.
- **Proper Storage:**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

Pack contents:

- **1 x Air Compressor with integral digital pressure gauge and auto shut Off**
- **1 x Washable Air Filter**
- **1 x 7.5m Inflation Hose with ¼” NPT quick connect fitting**
- **1 x 3m Power cable with battery clamps**
- **3 x Inflation Nozzles**
- **1 x Heavy Duty Carry Bag**

Specifications

Cylinder Diameter (Bore)	40mm
Voltage	12V-13.8V DC
Current Draw Under Load	32A
Current Draw No Load	18A
In line Fuse Supplied	40A
Washable Air filter	Yes
Tyre Inflation Times	215/55/R17 0-35psi 1min 30secs
Max Working Pressure	150PSI
Duty Cycle	Working 30mins, rest 30mins
Air Flow Under Load	48L/min(40PSI)
Air Flow Rates	0PSI - 70L/min 29PSI - 50L/min 40PSI – 48L/min
Automatic Shut-off	Upon reaching pressure set on display
Thermal Protection	Automatically shuts off at 115°C to prevent overheating
Battery Connection	3m Cable with Battery Clamps
Hose Length	7.5m
Hose Connector Type	NPT ¼ Quick Connect
Product Dimensions	30×13.5×19cm
Product Weight	5.8kg
Warranty	3 Years



How To Use Compressor

Before You Begin

Ensure your vehicle battery is in good condition and your engine is running during use.

Only operate the AIR20 on 12V-13.8V DC power using the provided battery clamps.

Make sure the air filter is clean for optimal airflow. 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) 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.

Connect to Power

- Open the carry bag and remove all contents.
- Attach the battery clamps to your vehicle's battery terminals:
Red clamp to positive (+)
Black clamp to negative (-)
- Ensure a firm and secure connection. The built-in 40A in-line fuse will protect against overloads.

Check and Adjust Pressure

The digital gauge will display the current tyre pressure. Use the plus and minus buttons to set your required pressure, press the power button to inflate the tyre to the set pressure. The compressor automatically stops once the set pressure is reached.

Start Inflation

- Switch on the compressor.
- Inflation begins at up to 70L/min (at 0 PSI) and maintains 48L/min at 40 PSI.

Monitor During Use

Do not exceed 30 minutes of continuous use.

Allow the compressor to cool for 30 minutes before restarting (Duty Cycle: 30 min ON / 30 min OFF).

If the compressor motor reaches 115°C, it will automatically shut down to prevent overheating (thermal protection).

The pressure cutout switch engages at 120–150 PSI, ensuring safe operation

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.

Maintenance Tips

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.

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 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.

The benefits of this Express Warranty are in addition to other rights and remedies you may have under the Australian Consumer Law. Our goods 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. In the event of a minor failure, Oricom reserves the right to choose to repair or replace the product.

The Express Warranty Period will be a period of 3 Years beginning on 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. Willful 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 a Return Authorisation form and a Repair Notice (if necessary), together with instructions on how to return the product 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 products 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 product before sending for repair. Please also be aware that products presented for repair may be replaced by refurbished products or parts of the same type rather than being repaired.

ORICOM CUSTOMER SUPPORT

Oricom have a trained and dedicated team of Customer Support Representatives, each with the knowledge and resources to assist in answering your questions quickly and efficiently.

Oricom Support - Australia

For all product enquiries, troubleshooting or to discuss the range of Oricom products, feel free to contact Oricom or visit our website for answers to frequently asked questions.

(02) 4574 8888

Monday - Friday 8am – 6pm AEST

Email: support@oricom.com.au

www.oricom.com.au

Oricom Support - New Zealand

0800 674 266

Monday - Friday 10am-6pm NZST

Email: support@oricom.co.nz

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Ref:21082025