



HOME SERIES

CORDLESS AIR COMPRESSOR



MODEL NO. RA1007DC

Read this material before using this product.
Failure to do so can result in injury.
SAVE THIS MANUAL

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CONTENTS

Explanation of the symbols.....	3
Safety instructions for cordless air compressors.....	3
Overview.....	4
Technical data.....	5
Contents of packing.....	5
Before first use.....	6
Intended use.....	6
ON/OFF switch.....	6
Inflating with the high pressure hose.....	6
Inflating with the low pressure hose.....	7
Deflating with the low pressure hose.....	7
Inflating manually for hight and low pressure applications.....	7
Use of the adaptors.....	7
The digital gauge.....	8
The automatic shut-off.....	8
Work light.....	8
Cleaning and maintenance.....	8
Disposal.....	9
Warranty.....	10

Dear customer

Please familiarize yourself with the proper usage of the device by reading and following each chapter of this manual, in the order presented. Keep these operating instructions for further reference.

Please read the enclosed “General safety instructions for power tools” and all additional safety instructions in this operating instructions!

This manual contains important information on operating and handling the device. Keep these operating instructions for further reference. Please pass it on along with the unit if it is handed over to a third party.

1. Explanation of the symbols

The following symbols are used in the user manual or on the product:



Warning! To reduce the risk of injury, the user must read the instruction manual.



Denotes risk of personal injury, loss of life or damage to the tool in case of non-observance of the instructions in this manual.



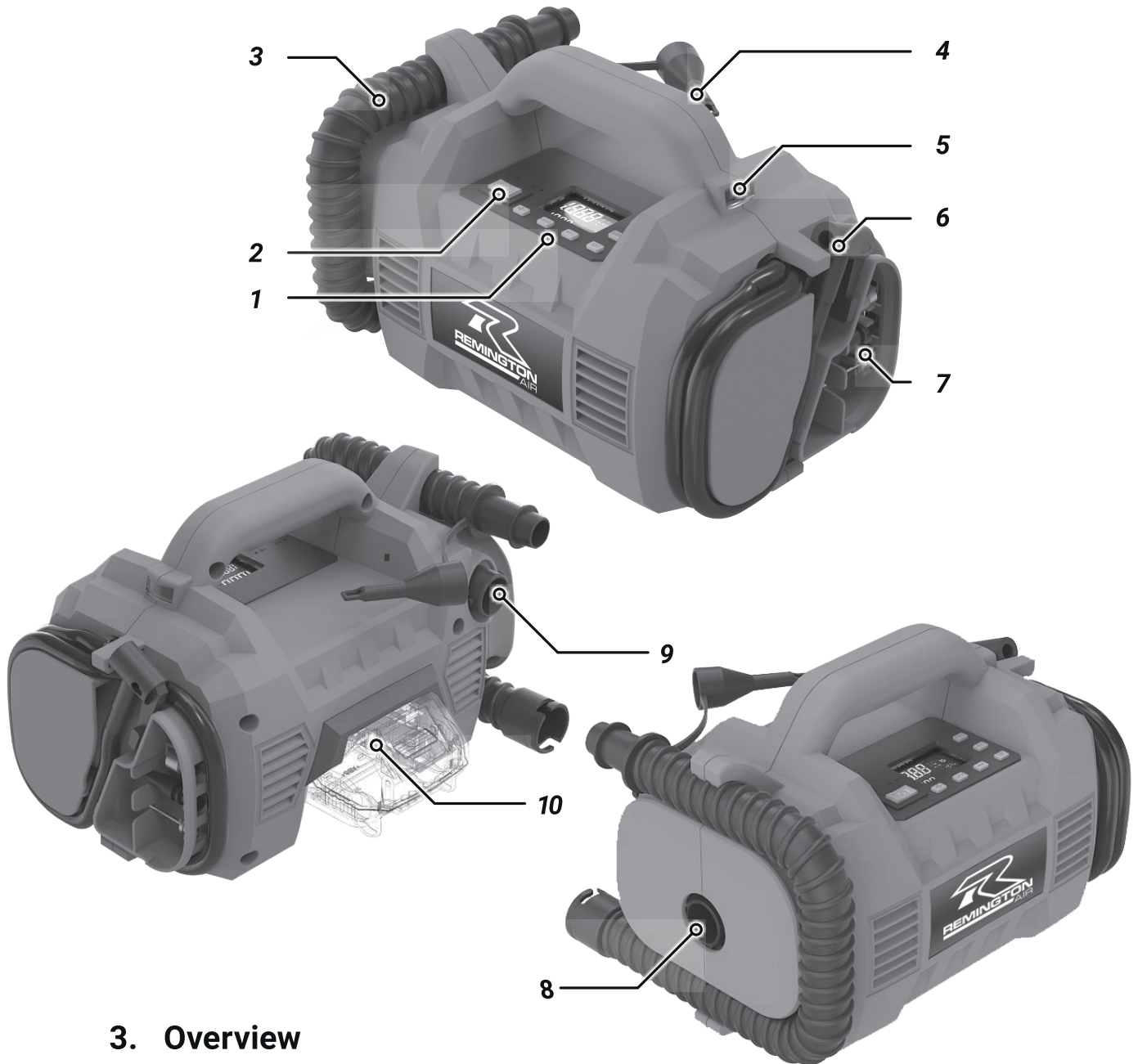
Always wear hearing protection. The effects of noise can cause hearing loss.



Do not dispose of electric power tools with domestic refuse.

2. Safety instructions for cordless air compressors

- 2.1 Please read this manual carefully and use the compressor only according to this manual.
- 2.2 Wear ear protection when using the device.
- 2.3 Dispose of the packaging material or store it out of the reach of children. There is a danger of suffocation!
- 2.4 Persons with limited physical, sensorial or mental abilities are not allowed to use the device, unless they are supervised and briefed for their safety by a qualified person. Keep the device out of reach of children.
- 2.5 Do not use the compressor for more than 10 minutes continuously and allow it to cool down for at least 10 minutes. Otherwise, the compressor may overheat and become permanently damaged.
- 2.6 Please switch OFF the unit and unplug from the power supply before cleaning, maintaining or when not in use.
- 2.7 Do not allow liquids of any kind to enter the unit.
- 2.8 Do not leave the compressor unattended while it is in operation.
- 2.9 Keep in mind that the pressure hose may become hot during operation. Caution! There is a danger of injury.
- 2.10 Check the achieved pressure with an air pressure gauge.
- 2.11 Do not expose the unit to high temperatures, strong vibration and humidity.
- 2.12 The compressor is not designed to inflate truck or tractors tires. The compressor is intended for domestic use only and not for professional, continuous operation.
- 2.13 Should the unit become damaged do not use it any further and have it repaired by a professional or contact our customer service. Do not disassemble the unit or try repairing it yourself.

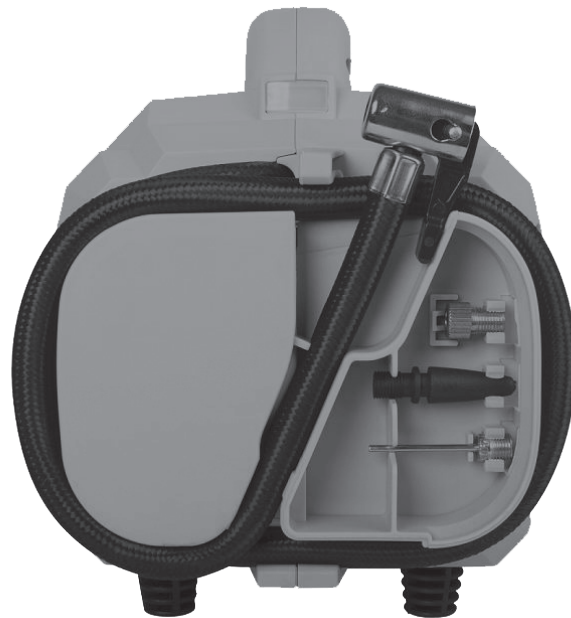


3. Overview

1. Operating panel with digital display
2. On/off switch – Main switch
3. Low pressure hose
4. Pinch valve adaptor
5. Work light
6. High pressure hose
7. Accessories storage
8. Deflation flange
9. Inflation flange
10. Battery

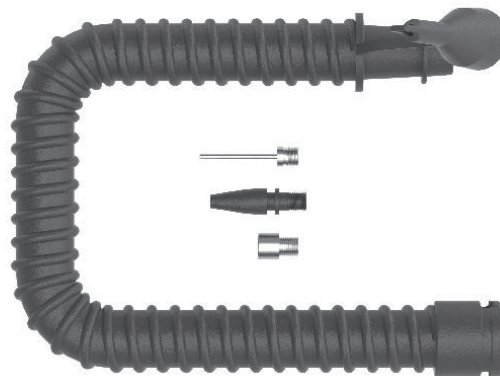
4. Technical data

Rated Voltage 20V
No load speed 16000 min⁻¹
Max. air pressure 150 psi/10 bar
Max Flow Speed 11L/min
Sound pressure level L_{pA} 77 dB(A)
Uncertainty K_{pA} 2.8 dB
Sound power level L_{WA} 97 dB(A)
Uncertainty K_{WA} 2.8 dB
Hand arm vibration 2.3 m/s²
Uncertainty K. 0.1 m/s²
Length of high pressure hose 67 cm
Length of low pressure hose. 29 cm
Product weight without battery 1.45 kg
Product dimensions. . . 245 x 151 x 184 mm



5. Contents of packing

- 1x Cordless air compressor
- 1x Ball adapter
- 1x Airbed adapter
- 1x Tire valve adapter
- 1x Operating instructions
- 1x Charging Cable
- 1x Battery



6. Before first use

Remove the machine and the accessories from the packaging. Check the machine for transport damage and do not use the machine in case of damages. Keep the packing materials away from children, risk of suffocation!

7. Intended use

The compressor is intended for filling bicycle and motor vehicle tires and for inflating toys, floats, balls and the likes. Additionally, the compressor can be used to deflate toys, floats, inflatable pools and the likes. The compressor is not intended for filling truck or tractor tires. It is intended for domestic use and not continuous commercial operation.

8. ON/OFF switch

Set the main switch **(2)** to the "I" position to turn on the low-pressure pump or the "II" position to turn on the high pressure pump. Set the main switch to the "O" or centre position to turn off the compressor.

9. Operation of the high and low pressure hoses

The compressor is equipped with a high-pressure hose **(6)** and a low-pressure hose **(3)**. The high-pressure hose is for inflating high pressure items like tires and sports balls. The low-pressure hose is designed for inflating or deflating low pressure, high volume items like air rafts, mattresses, and beach balls.

Note: Pressure gauge display and pre-set features are used only in high pressure hose applications.

10. Inflating with the high pressure hose

The air chuck on the high pressure hose **(6)** can be used without adaptor to inflate motor vehicle tyres or with any application that has a valve stem that fits the air chuck opening.

Note: When inflating items of 1.0 PSI or less, inflate in short bursts and check after each burst by feel or with a calibrated measuring device to determine accurate pressure.

- Set the desired target pressure.
- Clamp the end of the air chuck down onto the valve stem by pressing air chuck clamp down until it stops or is parallel with the high pressure air hose.

Note: The pressure readout on the gauge while inflating is a measurement of the fluctuating pressure between the item and the high pressure hose. To get an accurate reading, stop inflating and follow above instructions for reading the air pressure.

- Set the main switch **(2)** to "II" to start inflating.
- The compressor will run until the target pressure is slightly exceeded, then it will decrease the pressure to reach the target pressure.
- When the desired pressure is reached and the compressor has stopped set the main switch to "O".
- Remove the hose and store in hose wrap on the right side of the compressor.
- Turn off the display by pressing and holding the (+) and (-) buttons until the display turns off.

Note: Stand half a metre away from item being inflated.

11. Inflating with the low pressure hose

The low pressure hose is used to inflate low pressure items, such as air mattresses, pools, and floats.

Note: A pinch valve adaptor (4) comes as part of the inflating nozzle assembly that is attached to the end of the low pressure hose. The pinch valve adaptor is used for items that have a smaller air opening or pinch valve. Insert pinch valve adaptor into pinch valve, insuring that the tip of the adaptor is inserted past the inner "flap" inside the valve. When inflating, ensure that the tip is not blocked during inflation.

- To attach the low pressure hose, align the slots in the hose with the pins on the sides of the inflation flange (9).
- Turn the hose clockwise as far as it will turn.
- Use the suitable adaptor to connect the hose to the item to be inflated.
- Set the main switch (2) to low pressure "I" to start inflating.
- When the desired pressure is reached set the main switch to "O" and close the valve of the item inflated.
- Remove the hose by turning it counter clockwise as far as it will turn and removing it from the inflation flange.
- Store the hose in hose wrap on the left side of the compressor.

Note: Always leave low pressure hose free of obstructions and with pinch valve adaptor off when not in use. Overheating could occur if the low pressure hose is blocked.

12. Deflating with the low pressure hose

The low pressure hose, when placed in the deflation flange (8), can be used to remove air from inflated items.

- Place the hose inside the deflation flange (8).
- Set the main switch to low pressure "I" to start deflating.
- When the item has been deflated, turn the main switch to "O".
- Remove the hose by pulling it from the deflation flange.
- Store the hose in hose wrap on the left side of the compressor.

13. Inflating manually for high and low pressure applications

- Connect either high or low pressure hose to the compressor and to the item to be inflated.
- Set the main switch to "I" or "II" (low or high pressure) until desired pressure is reached.
- Set the main switch to "O".

14. Use of the adaptors

The high pressure air hose can be used with the provided adaptors to inflate a variety of items.

- Insert the adaptor (or needle) into the air chuck and push the air chuck clamp down until it locks into place. Inflate to the desired pressure.
- Remove the adaptor by lifting the air chuck clamp up and pulling the adaptor (or needle) from the air chuck.

The supplied accessories perform a variety of functions.

The tapered adaptor can be used on smaller pinch valves to inflate items like floats and children's toys, which usually require the user to inflate them by blowing air into item. The sport ball needle can be used to inflate any type of sports ball or any other item that requires an inflation sport ball needle.

14.1 How to use the sport ball needle

- Insert the needle into the air chuck on the high pressure hose (6) and push the air chuck clamp down until it locks into place. Inflate to the desired pressure.
- Insert the moistened sport ball needle into sports ball valve and inflate.
- Remove sport ball needle from the ball and from the air chuck after Inflation.

Note: The pressure required for most sports balls is too low for accurate reading on gauge.

14.2 How to use the Presta valve adaptor

The Presta valve adaptor can be used for Presta valve stems as described below. Before inflating a tyre with a Presta valve, loosen the locking nut on top of the valve. Once Inflation is complete, tighten the locking nut to seal the tyre valve.

- Loosen the Presta valve locking nut.
- Thread the Presta valve adaptor onto the valve stem with the adaptors interior threads.
- Position the air chuck clamp in the unlock position.
- Clamp the end of the air chuck down onto the Presta valve adaptor by pressing air chuck clamp down until it locks into place.
- Inflate the tyre.
- After inflation, remove air chuck and Presta valve adaptor and tighten locking nut with your fingers. Do not use tools.

14.3 Accessories storage

When not in use, adaptors and needles provided with the compressor can be placed in the storage area (7) located on the right side of the compressor.

14.4 Hoses storage

When not in use, the hoses provided with the inflator can be placed in the storage areas located on both sides of the compressor.

15. The digital gauge

The digital gauge shows the current pressure and the pre-set pressures. Pressure is indicated in psi, bar, kPa, and kg/cm².

- Press the mode button in the centre to turn on the digital gauge.

Note: Make sure digital gauge is set at 0 before use. If gauge reads "Err" or needs resetting, remove the battery and replace it after at least 10 seconds.

Note: Pressing the mode button briefly displays the last pre-set value in die currently set units.

- To change the units in which the air pressure is displayed the compressor must be in the measuring mode (current value is displayed). Press and hold the mode button until the display switches to the next unit. The units are indicated on the right side of the display.
- Use the (+) and (-) buttons to set the target value. When setting the target value, pressing the mode button will increase the value more rapidly. When the desired target value is displayed, press and hold any of the buttons until the target value flashes. The target value is now set. The current pressure value is displayed.

16. The automatic shut-off

The digital gauge will turn off after five minutes of non-use. To manually shut off, press and hold the (+) and (-) buttons until the display turns off.

17. Work light

The compressor is equipped with a work light (5). The work light will be automatically switched on when power switch is at the position of "I" or "II". It will be switched off automatically when the power switch is at the position "O".

18. Cleaning and maintenance

WARNING: Remove the battery before carrying out any maintenance/cleaning of the tool.

18.1 Cleaning

- Use only a moist cloth to clean the unit. Do not use aggressive chemicals which may dissolve plastic parts, or abrasives. Always keep the ventilation slots clean and free from obstructions.

- Keep safety devices, ventilation openings and the motor housing as free as possible from dirt and dust. Rub the electric power tool with a clean cloth or blow over it with low pressure compressed air.
- We recommend that you clean your electric power tool immediately after each use.
- Clean the electric power tool regularly with a damp cloth and somewhat soft soap.

18.2 Maintenance

There are no inner parts of the tool which need maintenance.

19. Disposal



Do not dispose of electric power tools with domestic refuse.

■ The electric power tool is shipped in packaging to reduce transport damage. This packaging is a raw material and as such can either be reused or can be fed back into the raw material cycle. The electric power tool and its accessories are made from various materials such as metals and plastics. Take defective components to a special refuse collection point. Ask about these at your specialist shop or local council. The product and the user manual may be subject to changes. Technical data may be changed without prior notice.

19.1 Batteries

Think of the environment when disposing of batteries. Contact your local authorities to find out where your nearest disposal area is. Do not dispose of batteries with domestic refuse.

Do not dispose of by burning, risk of explosion.

The product and the user manual may be subject to changes. Technical data may be changed without prior notice.

WARRANTY

As part of an on-going commitment to excellence in product support, Euroquip offers a comprehensive product warranty program.

In order to qualify for full warranty support, your product must be registered.

Product not registered with Euroquip is supported by a base 12 month warranty only. Spare parts and technical support will not be available for an unregistered product outside of this base warranty period. If a Euroquip dealer has not already registered your product, please register it online at www.euroquip.co.nz. To request a physical registration form, please contact Euroquip customer service on 0800 387 678.

Registered warranty period for the RA1007DC:

Commercial Use: 12 Months

Domestic Use: 12 Months

Warranty covers failure caused by manufacturing and material defects in the product, during the warranty period specified. The warranty period begins when the product is purchased by the end user. Warranty is not transferrable and is only claimable by the original purchaser.

Warranty does not cover parts that are subject to wear and tear from usage.

Warranty covers failure of a product caused by defective materials and/or manufacturing for the period given and the usage specified by Euroquip. The warranty period begins when the product is purchased by the end user. Warranty is not transferrable and is only claimable by the original purchaser.

Warranty also does not cover failure caused by the untimely replacement or service of the above wearing parts. Evidence must be provided that the product has been maintained and serviced suitably for a claim to be considered under warranty.

Failure caused by incorrect operation of the product, lack of proper care and maintenance of the product, external damage, external circumstances such as contaminated fuel or poor water supply, modifications to the product, attempted repair/ service by a party other than an Approved Service Agent, is not covered under warranty.

Warranty does not cover pre delivery service and ad-

justment, or failure that may occur as a result of lack of/ incorrect pre delivery service and adjustment.

Warranty does not cover any incidental, indirect or consequential loss, damage or expense that may result from any defect, failure or malfunction of a product.

Should any issue be found to be a combination of a warranty failure and a non-warranty issue, the repair cost component to rectify and repair the non-warranty failure is the customers' full responsibility.

The decision that an issue with a product qualifies as a warranty claim is made at the sole jurisdiction of Euroquip.

No costs incurred will be considered under warranty if repairs are carried out by a party other than a Euroquip Approved Service Agent, unless with prior consent in writing from Euroquip.

It is the responsibility of the purchaser to deliver a product under warranty to the nearest relevant service agent or product reseller. Warranty does not cover call outs, mileage and freight costs.

If a product is repaired under warranty, parts and labour required for the repair will be supplied at no charge. Warranty assessment and repair will be scheduled and executed according to the normal work flow at the service location and depending on the availability of suitable replacement parts.

This warranty policy is an additional benefit and does not affect the legal rights of any end user, reseller or service agent.



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**20V CORDLESS
AIR COMPRESSOR**





gratulations on your new REMINGTON AIR product. We are proud to have you as our customer and strive to provide you with the best service and reliability in the industry. This product is backed our extensive warranty and service network. To locate your nearest distributor or service agenc www.euroquip.co.nz, or email us at customerservice@euroquip.co.nz