

EN

Original Instructions  
Version 1



# 12V MINI **AIR COMPRESSOR**

**21256**



These are the original product instructions. This document is part of the product; retain it for the life of the product, passing it on to subsequent holders. Read this manual in full before attempting to assemble, operate or maintain this product.

This Draper Tools manual describes the purpose of the product and contains all the necessary information to ensure its correct and safe use. Following all the instructions and guidance in this manual will ensure the safety of both the product and the operator and increase the lifespan of the product.

All photographs and drawings within this manual are supplied by Draper Tools to help illustrate correct operation of the product.

Every effort has been made to ensure the information contained in this manual is accurate. However, Draper Tools reserves the right to amend this document without prior warning. Always use the latest version of the product manual.

## 1.1 Product Reference

**User Manual for:** 12V Mini Air Compressor

**Stock No:** 21256

**Part No:** AC12VA

## 1.2 Revisions

**Version 1:** March 2024

First release

As our manuals are continually updated, always ensure that the latest version is used.

Please visit [drapertools.com/manuals](https://drapertools.com/manuals) for the latest version of this manual and the associated parts list, if applicable.

## 1.3 Understanding the Safety Content of This Manual



**WARNING!** – Situations or actions that may result in personal injury or death.



**CAUTION!** – Situations or actions that may result in damage to the product or surroundings.

**Important:** – Information or instructions of particular importance.

## 1.4 Copyright © Notice

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3.1 Intended Use

This 12V mini air compressor is designed to inflate tyres on cars, motorbikes, bicycles and light commercial vehicles. It includes an accessory kit for inflating air beds, inflatable toys, footballs and beach balls. There is a charging adaptor compatible with most vehicle 12V power sockets.

This product is intended for domestic and infrequent light use. Any other application beyond the conditions established for use will be considered misuse. Draper Tools accepts no responsibility for improper use of this product.

Read this manual in full before attempting to assemble, operate or maintain the product and retain it for later use.

3.2 Specification

Stock No.	21256
Part No.	AC12VA
Net Weight	475g
Dimensions	130 X 60 X 115mm
Rated Voltage	12V DC
Maximum Current	10A
Maximum Pressure	250psi (17 BAR)
Pressure Range	0 – 250psi (0 – 17BAR)
Gauge Pressure Accuracy	+/- 10psi
Recommended Cycle Time	10mins on/10mins off
Flow Rate	11LPM
Air Hose Length	450mm
Noise Level	90db
Charging Adaptor	12V DC
Power Cable Length	3.0m
Operating/Storage Temperature	-30°C to 60°C

**Important:** Read all the Health and Safety instructions before attempting to operate, maintain or repair this product. Failure to follow these instructions may result in injury or damage to the user, the product or the item being inflated.

### 4.1 General Safety Instructions for Compressors



**WARNING! This compressor is capable of supplying air at high pressure. NEVER point this product at any person or any object for which its use is not intended.**

- Observe and adhere to all standard safety precautions and good practices when working in a workshop environment.
- Keep the work environment clear and well-lit, with bystanders at a safe distance.
- The product is not a toy and should not be used by children. Keep children and non-essential persons away from the inflation area.
- Before use, inspect the product carefully for signs of damage.



**WARNING! DO NOT use this product if damage or defects are present; take it out of service until it has been repaired or replaced. Contact Draper Tools for repair and replacement options.**

- Do not use this product for purposes other than its intended use.
- **ALWAYS** ensure that the air hose and valve connections are tight and secure, and firmly hold the item to be inflated during operation.
- Do not use the compressor while the vehicle is moving.
- Always unplug the adaptor from the vehicle's 12V power outlet after use.
- **ONLY** use accessories recommended and supplied by Draper Tools.
- To avoid damage to the compressor and adaptor only a 12V DC (10 – 15A) cable should be used.
- **DO NOT** use this product in wet conditions or expose it to rain.
- **DO NOT** use this product near flammable or combustible materials or in dangerous or explosive environments.

- Keep away from heat sources and do not leave for long periods of time in a hot car.
- Ensure the cord does not come into contact with sharp edges and is not exposed to hot objects or oil.
- **DO NOT** attempt to open or modify this product in any way.
- **DO NOT** use the product if the casing is open or cord is damaged in any way.
- **NEVER** leave the compressor running unattended and switch it off before moving away.
- Use this product **ONLY** for the recommended cycle time and allow approx. 30 minutes for it to cool before the next use.



**WARNING! The compressor is designed for occasional use only. Extended continual use of the product may cause it to overheat and harm both the product and the operator.**

- After use, **ALWAYS** check the tyre pressure using a tyre pressure gauge that complies with BS EN 12645:2014.



**CAUTION! NEVER exceed the maximum pressure recommended by the manufacturer of the item to be inflated. Check the manufacturer information before every use and continually monitor the item during inflation. Over inflation could result in the item bursting or personal injury.**

- **NEVER** carry the compressor by the hose.

### 4.2 Residual Risk

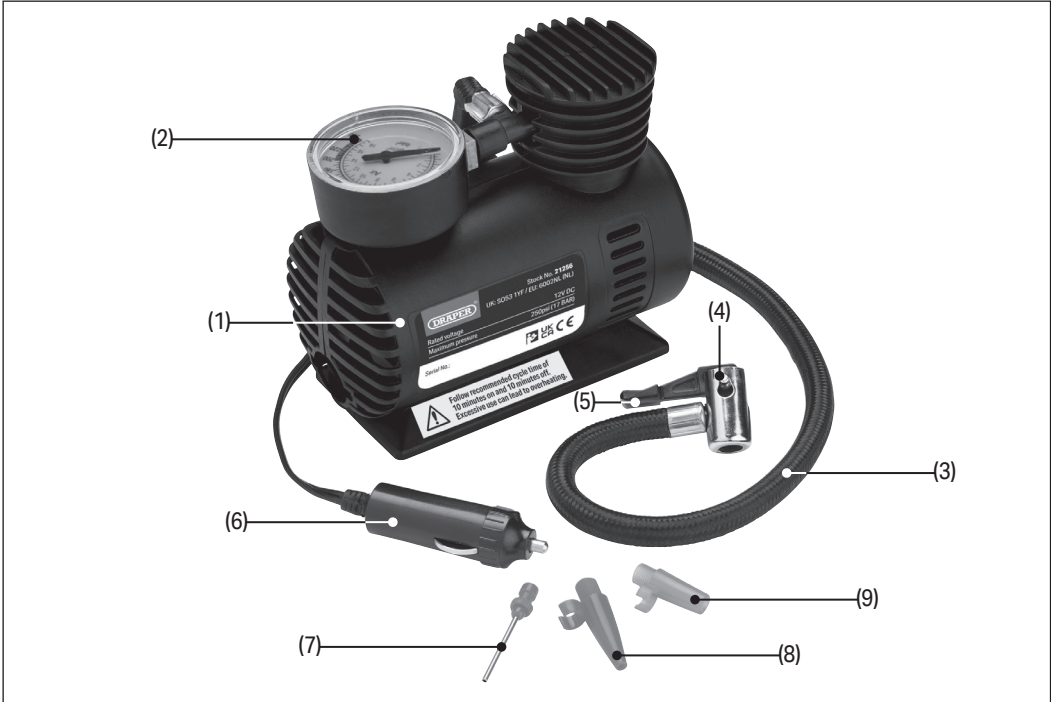
The safety instructions in this manual cannot account for all possible conditions and situations that may occur. Exercise common sense and caution when using this product and protect against any additional conceivable risks.

# 5. Identification and Unpacking

Carefully remove the product from the packaging and examine it for any signs of damage that may have occurred during shipment.

Before assembling the product, lay the contents out and check them against the parts shown below. If any part is damaged or missing, do not attempt to use the product. Please contact the Draper Helpline; contact details can be found at the back of this manual.

## 5.1 Product Overview



- (1) Air compressor
- (2) Pressure gauge
- (3) Air hose
- (4) Valve connector
- (5) Locking lever
- (6) 12V DC adaptor

- Inflation Adaptors
- (7) Metal valve needle adaptor
  - (8) Red plastic adaptor
  - (9) Blue plastic adaptor

## 5.2 Packaging

Keep the product packaging for the duration of the warranty period for reference should the product need to be returned for repair.

**WARNING! Keep packaging materials out of reach of children. Dispose of packaging correctly and responsibly and in accordance with local regulations.**

Please visit [drapertools.com](http://drapertools.com) for our full range of accessories and consumables.

## 6. Operating Instructions

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**Important:** Before operating this product, read and understand all the safety instructions listed in this manual.

**Important:** Always follow the manufacturer's recommendations for the pressure levels. For vehicles this is often located on the inside of the door. For bikes check the marking on the tyres. After inflation, vehicle tyres should be double-checked using a purpose-built tyre pressure gauge complying with BSEN 12645:2014.

### 6.1 Using the Compressor

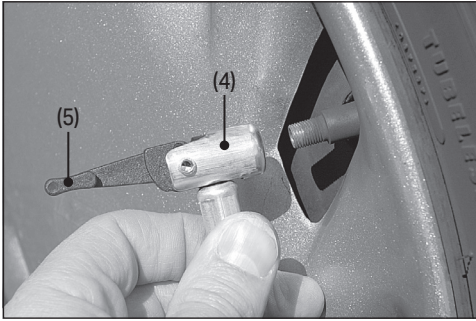


Fig. 1

1. Push the connector (4) onto the tyre valve to be inflated with the locking lever (5) in the release position.



Fig. 2

2. Then fold the lever down into the locked position.



Fig. 3

3. Plug the adaptor (6) into the vehicle's 12V power outlet.

Note: Some vehicles may require the ignition to be on to power the 12V socket.



Fig. 4

4. Refer to the pressure gauge (2) and when the pressure is correct, release the connector from the tyre valve and unplug from the outlet.
5. Replace the valve seal or cap, if required.
  - Remove the valve connector as quickly as possible to avoid any air loss.



**WARNING!** The hose connector may be hot after use, take care when detaching it from the valve.

### 6.2 Using the Inflation Adaptors

Use the adaptors for inflating footballs, beach balls, air beds and inflatable toys.

**Important: Always** follow the manufacturer's recommendations for the pressure levels required to inflate the item.

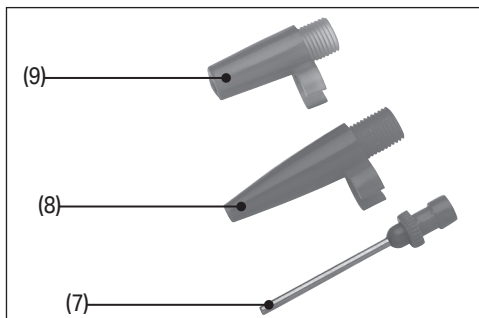


Fig. 5

1. Attach either the needle (7) or plastic (8) or (9) inflation adaptor to the valve connector (4).
2. Insert the adaptor into the item being inflated.

**Note: Take care not to over inflate.**

3. Operate the compressor as described in section **6.1 Using the Compressor.**




**Important:** Any maintenance and repairs should be carried out only by authorised and suitably qualified personnel.

7.1 General Maintenance

- Keep the air hose and adaptors clean and free from any obstructions.
- Clean the product regularly using a damp cloth.

7.2 Troubleshooting

Problem	Possible Cause	Remedy
Compressor does not inflate item.	Connection to the item's valve is not airtight.	Reattach the air hose connector (4) and ensure it is fitted securely.
	Air is escaping from the inflated item.	Check that the item does not have leaks or punctures.
The compressor inflates items slowly.	Compressor is overheating or cycle time exceeding 10 minutes.	Follow recommended cycle time of 10 minutes on and 10 minutes off.
		Switch off and allow to cool for approximately 30 minutes.

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**CAUTION! DO NOT use aggressive chemicals to clean the product as they may damage the product housing.**
- Store the product in a clean and dry location, out of the reach of children.
  - Ensure the valve connector lock is in the released position when the inflator is stored.

8. Spares, Returns and Disposal

For spare parts, servicing, and repair and replacement options, please contact the Draper Tools Product Helpline for details of your nearest authorised agent.

Draper Tools will endeavour to hold any spare parts, if applicable, for seven years from the date that it sells the final matching stock item.

Any servicing or repairs carried out by unauthorised personnel or installation of spare parts not supplied by Draper Tools will invalidate your warranty.

- At the end of its working life, dispose of the product responsibly and in line with local regulations. Recycle where possible.
- **DO NOT** dispose of this product with domestic waste; most local authorities provide appropriate recycling facilities.



This product is guaranteed for 12 months to be free from defective materials and workmanship. Full details of the warranty period can be found on the Draper Tools Website.












Should the tool develop a fault within the warranty period, return the complete tool to the place of purchase or contact Draper Tools directly. Proof of purchase must be provided.

This warranty does not apply to any consumable parts, batteries or normal wear and tear.

It also does not cover any damage caused by misuse, careless or unsafe handling, modifications, or repairs carried out by any personnel other than an authorised Draper Tools repair agent.

Please note that this guarantee is in addition to and does not affect your statutory rights.

10. Explanation of Symbols

	Read the instruction manual		Noise level
	Warning!		Electrical cable length
	Keep out of the reach of children		WEEE – Waste Electrical & Electronic Equipment Do not dispose of Waste Electrical & Electronic Equipment in with domestic rubbish
	Maximum pressure		European conformity
	Maximum pressure		UK Conformity Assessed
	Maximum litres per minute		



## Contact Details

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