



KOMPERNASS GMBH · BURGSTRASSE 21
D-44867 BOCHUM
www.kompernass.com
ID-Nr.: KH 4106 - 05/07-V1



Mini-Kompressor KH4106
230 PSI/17 BAR 12V DC/6,5 A
40 Liter 40 mm Hose of Manufacture 30-0000
CE
KOMPRESSOR GmbH, Burgstraße 21, 48697 Bielefeld
www.kompressor.com

GB Mini-Compressor KH 4106
Operating Manual



Content	Page
1. Safety instructions	4
2. Utilisation	7
3. Package contents	7
4. Technical data	8
5. Operating elements	8
6. Preparing the Mini-Compressor for use	9
7. Using the Mini-Compressor	9
7.1 Using the Mini-Compressor to inflate objects	9
7.2 Using the Mini-Compressor to measure inflation pressure	12
8. Storing the Mini-Compressor	12
9. Cleaning the Mini-Compressor	13
10. Disposal	13
11. Service	14
12. Importer	14

Mini-Compressor KH 4106

1. Safety instructions

Read the operating instructions carefully before using the appliance for the first time and preserve this booklet for later reference. Pass this booklet on to whoever might acquire the appliance at a future date.

Danger!

Should water or moisture penetrate into the Mini-Compressor, ...

- there is the danger of receiving an electric shock!
- it could be irreparably damaged!

Thus:

Do not use or store the Mini-Compressor ...

- in humid environments!
- in close proximity to water! Additionally, never subject the Mini-Compressor to spraywater or rain.

Also, do not place any water-filled receptacles onto the Mini-Compressor!

Extreme heat effects can lead to the overheating of the Mini-Compressor and to the meltdown of plastic parts. Through this the Mini-Compressor could be irreparably damaged, and there is the additional risk of fire!

Thus:

- Do not place the Mini-Compressor in close proximity to heat sources.
- Do not place unprotected open flame sources – e.g. burning candles – on the Mini-Compressor!
- Do not leave the Mini-Compressor in a vehicle if there are high outdoor temperatures. Especially in summer the temperature inside a vehicle can become extremely high.
- Do not cover the ventilation openings of the Mini-Compressor! Therefore, do not place the Mini-Compressor on blankets or other textiles etc.
- Take note that the Mini-Compressor is not suitable for constant operation. Thus do permit the Mini-Compressor to be switched on without a break for periods in excess of 10 minutes. Allow it to cool down for at least 30 minutes before switching it back on.
- The Mini-Compressor should not be used or stored in dusty environments. Dust could penetrate into the Mini-Compressor. Should large amounts of dust penetrate into the Mini-Compressor it could overheat and be irreparably damaged. There is also a danger of fire!

Never attempt to repair the power cable yourself in the case of a defect! There is the danger of an electric shock! Instead, approach one of our service partners.

Always check the maximum permitted air pressure for the object to be inflated! For this, consult the operating instructions and safety information supplied with the object to be inflated. Additionally, when inflating objects with the Mini-Compressor always take note of the manometer on the Mini-Compressor. Should the object be inflated beyond the maximum permitted air pressure it could burst. There is then the danger of serious physical injury! Also, take precautions that the Mini-Compressor cannot be used by children without supervision!

⚠ Caution!

The Mini-Compressor could be irreparably damaged if it falls or is dropped! Therefore always place the Mini-Compressor on a stable, level and non-slip surface.

ⓘ NOTE:

For damages resulting from ...

- Opening the housing of the Mini-Compressor
- attempted repairs made by non-qualified personnel
- improper utilisation of the Mini-Compressor

no liability or warranty will be accepted!

The Mini-Compressor becomes warm when it is switched on. This is not a cause for concern and is not an indication of a technical problem.

2. Utilisation

The Mini-Compressor is suitable exclusively for...

- the inflation of objects with a valve (e. g. tyres, air mattresses, balls etc.).
- measuring the air pressure of inflated objects.
- for operation on the 12-V circuit of vehicles via the cigar lighter.
- for domestic, non-commercial use.

3. Package contents

- Mini-Compressor
- 3 Adapter sets for various valve types
- Operating manual

① NOTE:

The connector valve ④ of the Mini-Compressor is suitable for the inflation of tyres with Schrader valves. For this you do not need to use an additional valve adapter. For the inflation of bicycle tyres with valve types ...

- Sclaverand (also: French valves, Presta valves, inner-tube valves, racing valves)
 - Dunlop (also: Blitz valves, German valves)
- you require the valve adapter for Schrader car valves. These are available from specialist bicycle shops.

4. Technical data

Operating voltage :	12 V DC
Current consumption:	6,5 A
Max. operating pressure:	17 bar /250 Psi
Continuous operating time:	10 Minutes

5. Operating elements

- 1 Mini-Compressor
- 2 Manometer display ...
 - bar resp. kg/cm² (inner, yellow scale)
 - psi (outer, white scale)
- 3 Airline
- 4 Connection valve with fastening lever
- 5 Power cable
- 6 Turn switch (Mini-Compressor on/off)
- 7 Cigar lighter plug
- 8 Adaptor sets for various valve types.

6. Preparing the Mini-Compressor for use

Remove the Mini-Compressor and the Adapter sets ⑧ from the packaging. Unwind the power cable ⑤ to its full length.

The Mini-Compressor is now ready for use.

7. Using the Mini-Compressor

7.1 Using the Mini-Compressor to inflate objects

1. Remove the cigar lighter from its holder in the vehicle.

① NOTE:

Should the interior of the cigar lighter holder be soiled (e.g. with tobacco shreds or ash): Clean it with a non-conducting object before inserting the cigar lighter plug ⑦. Otherwise it could cause a malfunction in the operation of the Mini-Compressor. Ideal would be a small brush, cotton buds or something similar. Under no circumstances use anything metallic! Also, do not insert your fingers into the cigar lighter holder!

⚠ Danger!

Should you do so, you may receive an electrical shock!

2. Insert the cigar lighter plug **7** firmly into the cigar lighter holder in the vehicle.
3. Check to see if an adaptor is required for use on the object to be inflated. Should this be the case: Press resp. screw the required adaptor into the opening of the connection valve **4**.
4. Check to ensure that the fastening lever of the connection valve **4** is open. When open, the fastening lever is in a vertical position.
5. Press the opened connection valve **4** onto the valve of the object to be inflated. Press it down so that it is firmly seated. Should you be using one of the adaptors **8**: Press the connection valve with the adaptor into the valve of the object to be inflated.
6. Close the connection valve **4**, in that the fastening lever is pressed down. Continue to firmly hold the connection valve down. Ensure that the connection valve cannot disconnect itself from the valve of the object being inflated.

7. Switch on the vehicle ignition should this be necessary for the cigar lighter to function. In case of query, consult the operating handbook for the vehicle.
8. Firmly hold the object to be inflated. If necessary, obtain assistance from a second person.
9. Twist the turn switch ⑥ in a clockwise direction until it audibly engages. The Mini-Compressor now starts to run. Check the continually rising air pressure on the mamometer ② of the Mini-Compressor.
10. As soon as the desired air pressure is displayed on the mamometer ② : Switch the Mini-Compressor off. Twist the turn switch ⑥ this time in an anti-clockwise direction until it audibly engages.
11. Remove the cigar lighter plug ⑦ from the cigar lighter holder in the vehicle. If necessary, switch off the vehicle ignition.
12. Open the fastening lever of the connection valve ④ in that it is pushed into a vertical position. Pull the connection valve (complete with the adaptor, if one has been used) from the valve of the inflated object.

Turn the connection valve back and forth to make it easier to remove. When removing the connection valve air can escape from the valve of the object that has been inflated. Therefore ensure that the connection valve is removed as quickly as possible.

7.2 Using the Mini-Compressor to measure inflation pressure

NOTE:

For measuring the pressure of an inflated object the Mini-Compressor does not require electricity.

1. Follow steps 3 to 6 in chapter 7.1 „Using the Mini-Compressor to inflate objects“.
2. Read off the inflation pressure on the manometer **2** of the Mini-Compressor.
3. To conclude, follow step 12 in chapter 7.1 „Using the Mini-Compressor to inflate objects“.

8. Storing the Mini-Compressor

Always store the Mini-Compressor at a clean and dry location.

To avoid damage, make sure that the air line **3** and the power cable **5** are not folded.

9. Cleaning the Mini-Compressor

Clean the housing of the Mini-Compressor with a lightly moist cloth. Ensure that moisture cannot penetrate into the Mini-Compressor!

10. Disposal



Do not dispose of the appliance in your normal domestic waste.

Dispose of the appliance through an approved disposal centre or at your community waste facility. Observe the currently applicable regulations.

In case of doubt, please contact your waste disposal centre.



Dispose of the packaging materials in an environmentally responsible manner.

11. Service

(GB) DES Ltd

Units 14-15
Bilston Industrial Estate
Oxford Street
Bilston, WV147EG
Tel.: 0870/7876177
Fax: 0870/7876168
e-mail: support.uk@kompernass.com

(IRL) Kompernass Service Ireland

c/o Irish Connection
41 Harbour view
Howth Co. Dublin
Tel.: 087-99 62 077
Fax: 18398056
e-mail: support.ie@kompernass.com

12. Importer

KOMPERNASS GMBH
BURGSTRASSE 21
D-44867 BOCHUM

www.kompernass.com