Great care has gone into the manufacture of this product and it should therefore provide you with years of good service when used properly. In the event of product failure within its intended use over the course of the first 3 years after date of purchase, we will remedy the problem as quickly as possible once it has been brought to our attention. In the unlikely event of such an occurrence, or if you require any information about the product, please contact us via our helpline support services, details of which are to be found both in this manual and on the product itself.

GB IE

PRODUCED IN CHINA FOR:
ALDI STORES LTD. PO BOX 26, ATHERSTONE
WARWICKSHIRE, CV9 2SH

ALDI STORES (IRELAND) LTD.
PO BOX 726, NAAS, CO. KILDARE
Visit us at www.aldi.com

AFTER SALES SUPPORT 815405

GB +44(0) 1904727501 IE +353(0) 19022605

support@coreservice.co.uk

MODEL:
CQB180D-2 03/2022

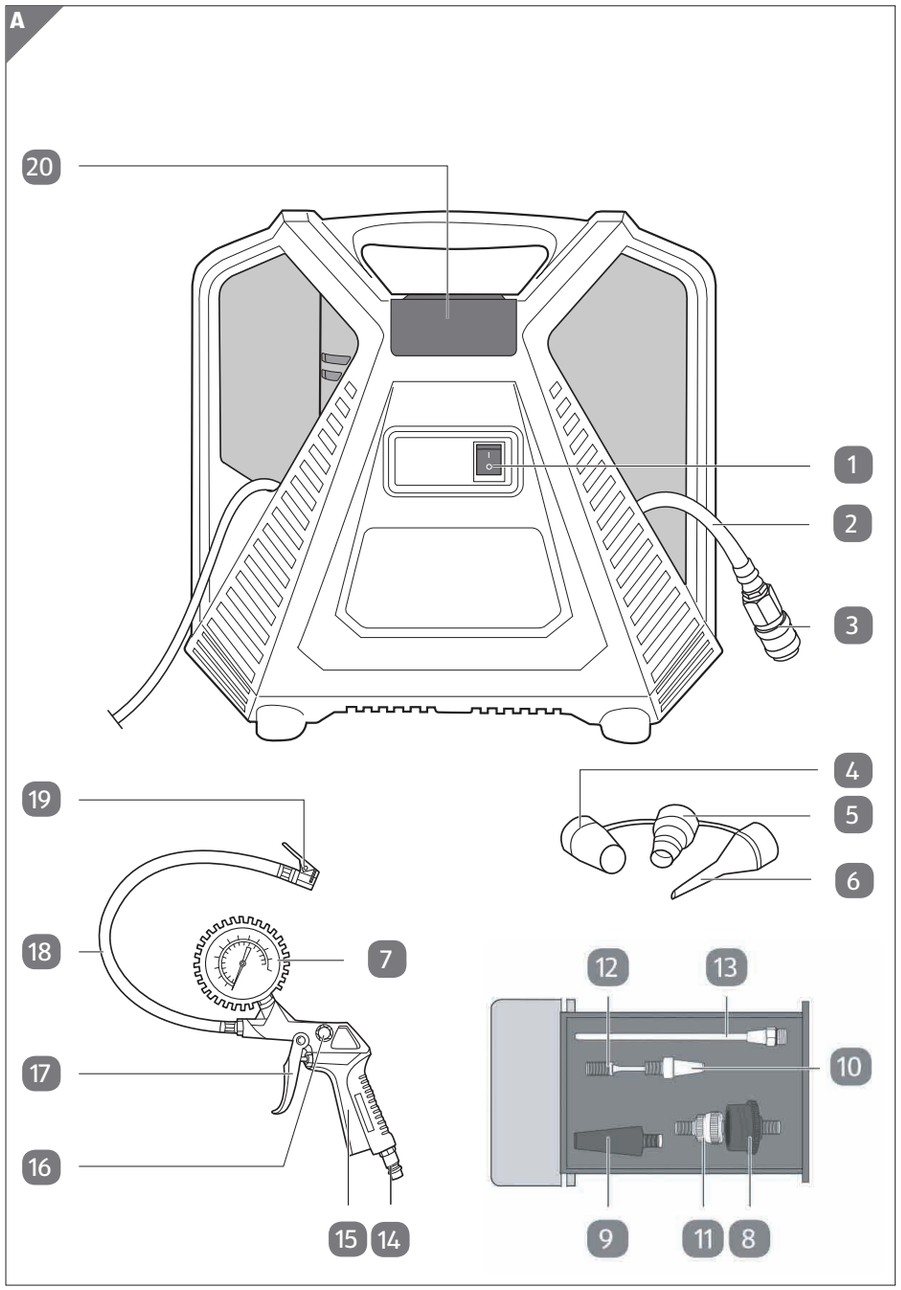
3 YEAR WARRANTY

User Manual

FERREX®

PORTABLE COMPRESSOR

Original User Manual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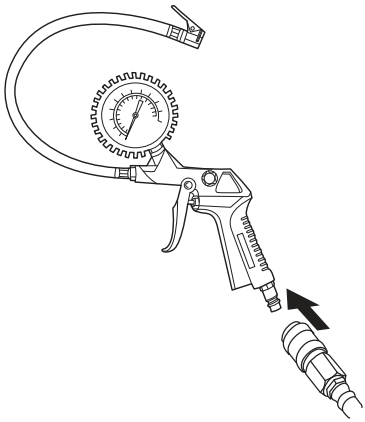

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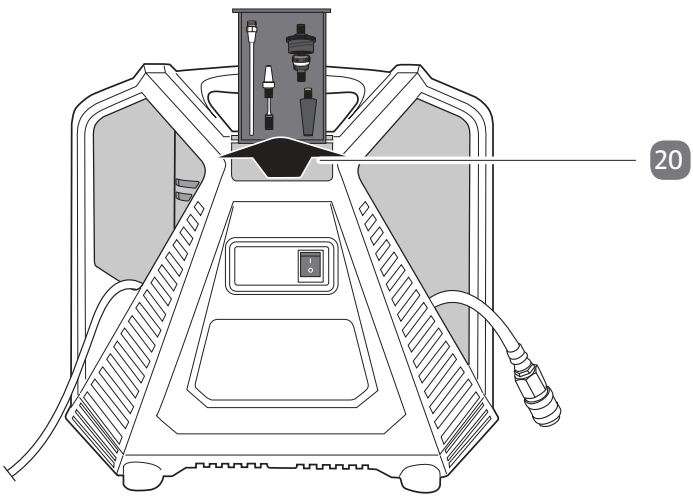

Package contents/device parts

1. On/Off switch
2. Compressed air hose
3. Quick coupling
4. Screw-on valve adapter
5. Bleed adapter
6. 8 mm adapter
7. Manometer
8. Nozzle adapter
9. Thick conical universal adapter
10. Thin conical universal adapter
11. Express valve adapter
12. Ball needle
13. Blow-out adapter
14. Compressed air connector plug
15. Pneumatic gun
16. Drain valve
17. Trigger switch
18. Pneumatic gun hose
19. Quick-release with lever
20. Accessory compartment

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General information

Reading and storing the user manual

This user manual accompanies this portable compressor. It contains important information about commissioning and handling. For improved readability, the portable compressor will be referred to only as the "compressor" below.

Before using the compressor, read the user manual carefully. This particularly applies for the safety notes. Failure to heed this user manual may result in severe injury or damage to the compressor.

Applicable local and national legislation concerning the use of this product must be complied with.

Store the user manual for future use. If you pass the compressor on to third parties, please be absolutely sure to include this user manual.

This user manual is also available via the service address specified on the warranty card.

Explanation of symbols

The following symbols and signal words are used in this user manual, on the compressor or on the packaging.

⚠ WARNING!	This signal symbol/word denotes a hazard with an average risk level that could lead to death or severe injury if it is not avoided.
⚠ CAUTION!	This signal symbol/word denotes a hazard with a low risk level that could lead to mild or moderate injury if it is not avoided.
NOTE!	This signal word provides a warning about potential material damage.

This symbol provides you with useful additional information on handling and use.

Declaration of conformity (see chapter "Declaration of conformity"): Products marked with this symbol meet all the applicable Community regulations of the European Economic Area.

Read the operating manual.

Wear hearing protection.

The guaranteed sound power level L_{WA} is 96 dB.

Warning: The compressor may start without warning

Do not leave the compressor on while performing maintenance.

Warning of hot parts. The surfaces may heat up during operation.

This symbol identifies devices that belong to the protection class II.

Attention! Do not leave the appliance standing upright when in use. As a result of the strong vibrations when using it, it could fall over and damage objects in the vicinity.

This symbol warns of a risk of electrical shock.

Safety

Proper use

The compressor serves to produce compressed air for inflating car tyres, bicycle tyres, air mattresses, sports balls, rubber dinghies etc. using the enclosed adapters.

The compressor is not designed to be used commercially, in the trades or for industrial applications; it is only designed for private users for hobby and DIY projects.

The compressor may only be used in accordance with its intended purpose. Any other kind of use is prohibited! The compressor is not a children's toy.

Proper use also includes compliance with the safety notes, assembly instructions and operating notes in the user manual.

The manufacturer and vendor cannot accept liability for damage caused by improper or incorrect use.

Only accessories that are suitable for the compressor may be used.

Persons who operate the compressor and perform maintenance must be familiar with it and be advised of possible risks. Furthermore, every aspect of applicable accident prevention guidelines must be exactly adhered to.

Other general guidelines relating to occupational medicine and safety must be observed. Modifications to the compressor rule out any liability of the manufacturer for resulting damages.

Any other applications are expressly prohibited and are deemed improper use.

Residual risks

Despite proper use, inconspicuous residual risks cannot be completely ruled out.

The following risks may arise due to the nature of the compressor:

- Hearing loss in the event of failure to use the required ear protection.

WARNING! When using power tools, the following basic safety measures must be taken in order to provide protection against electric shocks, risk of injury and fire.

Read all these notes before using the power tool and keep the safety notes in a safe place. Failure to follow the safety instructions and guidance may result in an electric shock, fire and/or severe injury.

The user manual and, in particular, the safety notes must be carefully read and adhered to by each user before beginning work.

Work on this device may only be performed by persons who have been instructed in how to use the compressor and who have been advised on the associated risks.

The manufacturer of the compressor is not liable for damages caused by the compressor or damages to the compressor in the event of:

- improper handling or improper use,
- failure to comply with the user manual,
- repairs by a third party, unauthorised specialist workshops,
- installation and replacement of non-original replacement parts,
- failures of the electrical system due to failure to comply with electrical guidelines and provisions.

In addition to the safety guidelines in this user manual, please be absolutely sure to observe the regulations for operating the compressor that are in force in your country.

In addition to the safety notes in this user manual and the special regulations for your country, the generally recognised technical rules for operating this compressor must be observed.

Safety notices

Attention! When using this compressor, the following general safety measures must be taken in order to provide protection against electric shocks, risks of injury and fire.

Read and take note of these instructions before you use the device.

1. **Keep your work area orderly.**
   - Disorganisation in your work area poses a risk of accident.
2. **Take any environmental factors into account.**
   - Do not expose the compressor to rain.
   - Do not operate the compressor in wet or damp rooms.
   - Ensure that the work area is well lit.
   - Do not use the compressor if there is a risk of fire or explosion.
3. **Protect yourself against electrical shock.**
   - Avoid contact between your body and earthed parts (e.g. pipes, radiators, electric stoves, cooling units).
4. **Keep other persons away.**
   - Do not allow other persons, particularly children, to touch the compressor or cable. Keep them away from your work area.
5. **Store the compressor in a safe area.**
   - The unused compressor should be stored in a dry, locked room out of the reach of children.

6. **Do not overload your compressor.**
   - It works better and more safely within the specified power range.
7. **Wear suitable work clothing.**
   - Do not wear any loose-fitting clothing or jewellery as it could be caught by moving parts.
   - It is recommended that you wear firm footwear when working outdoors.
   - If you have long hair, wear a hair net.
8. **Use protective equipment.**
   - Wear protective goggles.
   - Use a breathing mask when performing dusty work.
9. **Do not use the cable for purposes other than the intended one.**
   - Do not use the cord to pull the plug out of the socket. Protect the cable from heat, oil and sharp edges.
10. **Take good care of your compressor.**
   - Keep your compressor clean to ensure that you can work safely and effectively.
   - Follow the maintenance guidelines.
   - Check the connector cable and the plug of the compressor regularly and have it replaced by a qualified professional in case of damage.
   - Check the extension cords regularly and replace them if they are damaged.
   - Keep the handles dry, clean and free of oil and grease.
11. **Pull out the mains plug.**
   - When not using the compressor, before performing maintenance and when changing tools.

12. **Avoid accidental start-up.**
    - Ensure that the switch is off when inserting the plug in the socket.
13. **Use an extension cord when working outdoors.**
    - When outside, only use an extension cord that is approved for such use and which is labelled accordingly.
14. **Remain attentive.**
    - Pay attention to what you are doing. Approach work in a reasonable manner. Do not use the compressor if you are distracted, tired or under the influence of drugs, alcohol or medication.
15. **Check the compressor for any damages.**
    - Before you use the compressor, the protective devices or easily damaged parts must be carefully checked for functioning properly and as intended.
    - Check to make sure that moving parts are fully functional, that they are not jammed and that the parts are not damaged. All parts must be properly mounted and fulfil conditions to ensure proper operation of the compressor.
    - Damaged protective devices and parts must be properly repaired or replaced by an authorised workshop to the extent not otherwise specified in the user manual.
    - Damaged switches must be replaced by a customer service workshop.
    - Do not use any power tools if the switch cannot be turned on and off.
16. **WARNING!**
    - For your own safety, only use accessories and auxiliary equipment specified in the user manual or recommended or specified by the manufacturer. Using insertion tools or

accessories other than those specified in the user manual or recommended in the catalogue may pose a personal risk of injury for you.

17. **Have your power tool repaired by an electrical technician.**
    - This power tool complies with applicable safety regulations. Repairs may only be performed by an electrician who uses original replacement parts; otherwise, there is a risk of accident for the operator.

18 **Noise.**
    - Wear ear protection when using the compressor.

19. **Replacement of the connector cable.**
    - If the connector cable is damaged, it must be replaced by the manufacturer or an electrician to avoid risks.

Safety instructions for the compressor

WARNING! For your own safety, only operate the compressor after you have read the safety instructions.

⚠ WARNING!

Danger of explosion!

Operating the compressor in an unsuitable location without adequate ventilation, at an unsuitable ambient temperature or in a room where dust, acids, vapours or flammable gases are present poses a risk of explosion.

- The compressor must not be operated or stored in a room where there are dusts, acids, vapours or flammable gases. It could explode.
- Keep flammable substances away from the compressor.
- Only operate the compressor at an ambient temperature of at least +5 °C and no more than +40 °C. Starting the motor at temperatures below +5 °C poses a risk due to stiffness.

- Make sure that the ambient temperature in an enclosed working environ ment does not exceed +25 °C to ensure that the compressor continues to function properly when continuously and completely filled with air.
- Only operate the compressor in well ventilated rooms.
- Do not spray water or flammable liquids on the compressor.

⚠ WARNING!

Risk of injury!

The compressor is under pressure during operation and in an unvented state. Pressure may be released if the compressor is damaged, connections have been separated or if unsuitable or damaged lines are used. There is a risk of injury.

- A compressor must not be used if it exhibits defects that pose a risk to the operators or third parties.
- Check the compressor for rust and damage before each use. Never operate the compressor if it is damaged or deformed. If you identify damage, contact our After Sales Support at the service address indicated on the warranty card immediately.
- Do not separate any connections while the compressor is in a pressurised state.
- Never create holes or welded seams on the compressor and never change its shape.
- Make sure that the compressed air tank is always vented before separating the connections, connecting or removing pneumatic tools.
- Move the On/Off switch (pressure monitor) to the “0” (OFF) position once the compressor has been switched off.
- Make sure that you only use pneumatic lines for compressed air that are suitable for at least 150 % of the maximum pressure produced by the compressor.

- Use a compressed air hose with a hose safety catch if you are working with pressures of 7 bar or more.
- Do not use the compressor if the hose or the hose connections have any leaks or are damaged.
- Do not attempt to repair damaged lines; instead, replace them.
- Make sure that the hose clamps are always securely tightened. Loose or damaged hose clamps could allow air to leak uncontrollably.

⚠ WARNING!

Risk of electric shock!

A faulty electrical installation, excessive mains voltage or moisture may result in an electric shock.

- Only connect the compressor if the mains voltage of the socket corresponds to the operating voltage as indicated on the machine's rating plate.
- Only connect the compressor to an easily accessible socket so that you can quickly disconnect it from the power supply in the event of a fault.
- Do not use any adapter plugs with earthed (grounded) power tools. Plugs that have not been modified and sockets with the proper fit reduce the risk of an electric shock.
- Lay the mains cord out in such a way that it does not pose a tripping hazard.
- Do not kink the mains cord and do not lay it over sharp edges.
- Do not carry the compressor by the mains cord and do not hang it up by the mains cord.
- Before transport and before performing cleaning or maintenance, always pull the mains plug out of the socket.
- Do not use the compressor if the mains cord or the mains plug is damaged. Have an authorised specialist workshop replace

the damaged part with an original part. To do so, contact the After Sales Support at the service address indicated on the warranty card.
- Always pull the mains plug out of the socket when you are not using the device.
- If you are working outdoors, use a fault current (FI) protection switch with a release current of no more than 30 mA to connect the compressor.
- Do not use the compressor if it is damp or in a damp environment.
- With respect to outdoor use, only use an extension cord which is approved for outdoor use.
- Switch the compressor off each time before you transport it and pull the mains plug.
- Operate the compressor with a residual current device (RCD) with a maximum release current of no more than 30 mA. Use of a residual current device (RCD) reduces the risk of electric shock.

⚠ WARNING!

Risk of burns!

The compactor and the lines of the compressor become hot during operation. You could burn yourself on them.
- Do not touch the compactor and the lines during operation to avoid burn injuries.
- Be careful when working.

⚠ WARNING!

Risk of injury!

The compressed air jet, which you generate with the compressor, has a high pressure. Improper use of the compressor or the compressed air jet poses a risk of injury!

- Do not point the compressor or the accessories at persons, objects or animals to prevent severe injury to persons.
- Do not point the compressed air jet at persons or animals and do not use it to clean clothing that is being worn.
- Do not insert hands or objects through the compressor's protective grates.
- Keep children and animals away from the functional area of the compressor.
- When separating the hose coupling, hold the coupling element firmly with your hand to prevent injury caused by the hose lashing back.
- Wear protective goggles when working with the blow-out gun. Debris and parts that are blown away pose a risk of injury.
- Avoid exhaust air coming into contact with your eyes. Exhaust air from the compressor may contain water, oil, metal particles and contaminants from the compressor. This could cause injury to health.

⚠ WARNING!

Risk of injury!

There is a risk of injury if the compressor starts up uncontrollably.

- Be careful when setting down the compressor.
- Never lay the compressor on the On/Off switch. Otherwise, the compressor could accidentally switch on.

NOTE!

Risk of damage!
Improper handling of the compressor may result in damage to the compressor.

- Do not insert any objects in the compressor.

Checking the compressor and package contents

⚠ WARNING!

Risk of swallowing and choking!
Children must not play with plastic bags, wrappers and small parts. There is a risk of being swallowed and suffocation.

- Keep children away from the compressor, small parts and the packaging material.
- The compressor is not a children's toy.

1. Carefully take the compressor out of the packaging.
2. Check to make sure that the delivery is complete (see **Fig. A**).
3. Check whether the compressor or the accessories exhibit damage. If this is the case, do not use the compressor. Contact the manufacturer at the service address given on the warranty card.
4. As far as possible, store the packaging until the warranty period has expired.

Operation

NOTE!

Risk of damage!
The compressor is not suitable for continuous operation. The compressor will overheat if operated continuously for an excessive amount of time or if overloaded. It could be damaged as a result.

- Never operate the compressor for longer than 10 minutes at a time.

- The compressor may only be operated with the rated input power for 15% of the operating time, that is, for 1.5 minutes. The compressor will cool off the rest of the time.
- Switch the compressor off after no more than 10 minutes of continuous operation and let it cool off for at least 10 minutes.
- Do not exceed the permissible power range of compressor. Do not inflate any lorry, tractor or other large tyres.

NOTE!

Risk of damage!

Operating the compressor with long feed lines, extension cords or cable drums could cause a voltage drop and prevent the motor from starting.

- If possible, do not use any long feed lines, extension cords or cable drums.
- An undersized air pressure system can affect the efficiency of your device.

NOTE!

Risk of damage!

The compressor will vibrate during operation. If you set up the compressor in an unsuitable location, you could damage it.

- Place the compressor on an easily accessible, level, dry and sufficiently stable work surface. Do not place the compressor on the edge of the work surface.
- During operation, always place the compressor on the underside.
- Do not place the compressor on or near hot surfaces.
- Set the compressor up in a location with dry and clean air. Do not use it in wet rooms and in areas where work is performed with spraying water or in the rain.

Opening and closing the accessory compartment

1. Place or lay the compressor on a suitable work surface, so that the side with the On/OFF switch 1 faces upward (see **Fig. A**).
2. Open the accessory compartment 20, by pulling it out of the duct as far as possible in an upwards direction (see **Fig. C**).
3. Place the accessory compartment on the carrying handle of the compressor.
4. Remove the valve adaptor(s) 8 9 10 11 13 and the ball needles 12 from the accessory compartment.
5. Lift the accessory compartment so that it is vertical.
6. Slide the accessory compartment into the ducts on the compressor to close it again.

Connecting and disconnecting the pneumatic gun

⚠ CAUTION!

Risk of injury!

If the compressed air hose with the quick coupling recoils uncontrollably when it is disconnected from the pneumatic gun, it could thrash around and you could injure yourself.

- Firmly hold the quick coupling in your hand when disconnecting it from the pneumatic gun.

Connecting the pneumatic gun

Before operating the compressor, you must attach the pneumatic gun with the manometer and, if necessary, an adapter nozzle. To do so, proceed as follows:

1. Make sure that the compressor has been switched off.
2. Insert the compressed air connector plug 14 of the pneumatic gun 15 into the quick coupling 3 until it audibly locks into place (see **Fig. B**).
   The sleeve of the quick coupling will automatically spring forward.
3. If you prefer, fit the nozzle adapter 8 and one of the enclosed adapters on the quick-release with lever 19 as described in the chapter “Inflating”.

You can now switch the compressor on as described in the chapter “Switching the compressor on and off”.

Disconnecting the pneumatic gun

1. Make sure that the compressor has been switched off.
2. Pull the sleeve on the quick coupling 3 of the compressed air hose 2 back (see **Fig. A**).

3. Pull the pneumatic gun 15 off.

Switching the compressor on and off

1. Place or lay the compressor on a suitable work surface.
2. Make sure that the On/Off switch 1 is set to the “0” position (see **Fig. A**).
3. Connect the pneumatic gun 15 and any other accessories to the compressor as described in the chapter “Connecting the pneumatic gun”.
4. Insert the mains plug in a socket.
5. In order to switch on the compressor set the On/Off switch to position “1”.

   You can read the operating pressure on the manometer 7.
6. In order to expel air, press on the drain valve 16 on the pneumatic gun and check the pressure on the manometer.
7. Set the On/Off switch to the “0” position to switch the compressor off.
8. If you no longer wish to use the compressor, pull the mains plug out of the socket.
9. Use the pneumatic gun to bleed the compressor; push the drain valve for this.
10. Disconnect the pneumatic gun from the compressor as described in the chapter “Disconnecting the pneumatic gun”.
11. Let the compressor cool off completely.
12. Clean the compressor as described in the chapter “Cleaning”.

Inflating

Inflating tyres without the adapter

Some valves such as a Schrader valve or a car valve can be inflated without a valve adapter being fitted. This makes it possible to easily inflate car tyres, for example. To do so, proceed as follows:

1. Make sure that the On/Off switch 1 is set to the “0” position (see **Fig. A**).
2. Insert the mains plug in a socket.
3. Push the quick-release with lever 19 downwards and attach it to the valve, then let go of the quick-release lever.
4. Make sure that all connections are secure.
5. In order to switch on the compressor set the On/Off switch to position “1”.

   You can read the pressure of the product you are inflating on the manometer 7.
6. In order to expel air, press on the drain valve 16 on the pneumatic gun and check the pressure on the manometer.

7. Set the On/Off switch to the “0” position as soon as the desired or maximum permissible working pressure has been reached.
8. If you no longer wish to use the compressor, pull the mains plug and follow the steps described in the chapter “Switching the compressor on and off”.

Inflating tyres with an adapter

An 8-piece adapter set is included in the product contents. You can use the adapters to inflate bike tyres, air mattresses and other products.

The following overview shows you which adapters are suitable for which purposes.

Valve adapter	Use
Express valve adapter 11	Bicycle valve (Sclaverand valve, Dunlop valve)
Ball needle 12	Balls
Screw-on valve adapter 4	Screw-on valves (rubber boats, kayaks, pools or similar)
Conical universal adapter 9 and 10	inflatable mattresses, or similar
Bleed adapter 5	for vent valves (e.g. for a flock bed)
8 mm-adapter 6	All valves with an inner diameter > 8 mm (air mattresses, pools, or similar) - To open the valve, push the valve cap together slightly before you insert the adapter..

If you want to inflate products with the enclosed adapters, proceed as follows:

1. Make sure that the On/Off switch 1 is set to the “0” position (see **Fig. A**).
2. Insert the mains plug in a socket.
3. Push the quick-release with lever 19 down.
4. Fit the nozzle adapter 8 on the pneumatic gun 15.
5. Screw the desired adapter into the nozzle adapter (see the table above).
6. Make sure that all connections are secure.
7. Insert the adapter in the valve.
8. In order to switch on the compressor set the On/Off switch to position “1”.
   You can read the operating pressure on the manometer 7.
9. In order to expel air, press on the drain valve 16 on the pneumatic gun and check the pressure on the manometer.
10. Set the On/Off switch to the “0” position as soon as the desired or maximum permissible working pressure has been reached.

11. If you no longer wish to use the compressor, pull the mains plug and follow the steps described in the chapter “Switching the compressor on and off”.

Use as a blow-out gun

You can also use the pneumatic gun as a blow-out gun to clean out cavities or hard-to-reach areas.

1. Disconnect the pneumatic gun 15 from the compressor as shown in the chapter “Disconnecting the pneumatic gun” (see **Fig. A**).
2. Screw the hose 18 off the pneumatic gun.
3. Screw the blow-out adapter 13 onto the pneumatic gun.
4. Connect the pneumatic gun to the compressor as described in the chapter “Connecting the pneumatic gun”.
5. You can now switch the compressor on as described in the chapter “Switching the compressor on and off”.

Cleaning

⚠ WARNING!

Danger of explosion!

The compressor or the attached tools may be in a pressurised state.

- Bleed the compressor completely before performing any cleaning and maintenance.
- Regularly maintain the compressor and have necessary maintenance and repair work performed without delay.

⚠ WARNING!

Risk of electric shock!

Water that has penetrated the housing may cause a short circuit. There is a risk of electric shock.

- Never immerse the compressor in water.
- Never use a high-pressure cleaner to clean the compressor.
- Make sure that no water penetrates the housing.
- Disconnect the mains plug before each cleaning.
- Disconnect all tools before you clean the compressor.

⚠ WARNING!

Risk of burns!

The compressor will become hot during operation.

- Each time before you clean the compressor, let it cool off completely.

NOTE!

Risk of damage!

Cleaning the compressor with unsuitable cleaners could damage it.

- Never clean the compressor with water, solvents or similar.
- Do not use any aggressive cleaners, sharp or metallic cleaning utensils such as knives, hard scrapers and the like. They could damage the surfaces.

NOTE!

Risk of damage!

Improper or irregular cleaning and maintenance could damage the compressor.

- Do not in any case open the housing.
- Keep all protective devices, vents and the motor housing as free of dust and dirt as possible.
- Clean the compressor regularly, ideally directly after you finishing work.

1. Set the On/Off switch 1 to the “0” position.
2. Disconnect the mains plug before cleaning.
3. Let the compressor cool off completely.
4. Open the drain valve 16 to completely bleed the compressor until no more air is released.
5. Disconnect the connected pneumatic tools before you clean the compressor.

6. Rub off the compressor with a clean cloth or blow the compressor off with compressed air at low pressure to remove dust and dirt.
7. Let all parts dry completely.

Replacing the mains connection line

⚠ WARNING!

Risk of electric shock!

If the mains connection line is damaged or is improperly mounted, there is a risk of electric shock.

- The mains connection line may only be replaced by the manufacturer, its customer service or a similarly qualified specialist to avoid risks.
- If the mains connection line of this compressor is damaged, have it replaced by a qualified specialist before using the compressor again.

Storage

NOTE!

Risk of damage!

The compressor can be damaged as the result of incorrect or improper storage.

- Pull the mains plug each time before you store the device.
- Only store the compressor and all connected pneumatic tools in a vented state.
- Always store the compressor in a safe, dry environment.
- Always store the compressor in a room that is not accessible for children.
- Always store the compressor so that it cannot be operated by unauthorised persons.

1. Pull the mains plug of the compressor.
2. Let the compressor cool off completely.

3. Bleed the compressor and all connected pneumatic tools as described in the chapter “Cleaning”.
4. Store the compressor in a dry, safe place.

Troubleshooting

⚠ WARNING!

Risk of electric shock!

If you open the compressor or repair it improperly, there is a risk of electrical shock.

- Never open the housing of the compressor.
- Only have an authorised service outlet or customer service repair the compressor.
- Immediately disconnect the compressor from the power supply in the event of an error.

This compressor requires no maintenance. If a problem occurs, proceed as follows:

1. Disconnect the compressor from the power supply.
2. Let the compressor cool off.
3. Make sure that the compressor is in safe condition.
4. Use the following table to determine the cause of the problem.

Problem	Solution
The compressor doesn’t start.	- Check whether the mains voltage, cord, fuse and socket are functioning properly.
	- Do not use an extension cord that is too long.
	- Do not use the compressor at ambient temperatures below 5 °C.
	- Avoid overheating the motor; let the compressor cool off.
The working pressure is too low.	- Check all gaskets and the non-return valve. If necessary, have it replaced by a qualified specialist.

Problem	Solution
The tools are not working.	- Check all hoses, the quick coupling and all tools and have them replaced by a qualified specialist if necessary

Technical data

Model:	CQB180D-2
Nominal voltage / frequency:	230-240 V~, 50 Hz
Motor output:	1.1 kW
Type of operation:	S3 15 %
Compressor speed:	3550 rpm
Operating pressure:	max. 8 bar
Theoretical suction capacity:	180 l/min.
Protection class:	IP30 (Intrusion protection from entry by tools, wires etc, with a diameter of 2.5 mm or more.No moisture protection.)
Protection class:	II ⧈
Weight:	5.2 kg
Article number:	815405

Operating mode S3 – 15 % – 10 minutes: S3 = intermittent operation without the influence of starting process. This means that the maximum operating time amounts to 15 % (1.5 minutes) for a period of 10 minutes.

Sound pressure level L_{pA}:	82 dB(A)
- Uncertainty K:	3 dB(A)
Sound power level L_{wA}:	94 dB(A)
- Uncertainty K:	3 dB(A)

The specified noise emission values have been measured according to a standardized test method (EN 62841) and can be used to compare one power tool with another. They can also be used for a preliminary assessment of exposure.

⚠ WARNING!

The noise emissions during the actual use of the power tool can deviate from the specified values, depending on the way in which the power tool is used, in particular the type of workpiece being machined.

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Disposal

Disposing of packaging

Dispose of packaging according to type. Sort the paperboard and cardboard as waste paper and the film as recyclable material.

Dispose of old electrical device

This symbol indicates that this product may not be disposed of together with domestic waste in compliance with the (2012/19/EU) Regulation pertaining to waste electrical and electronic devices (WEEE). This product must be handed in at a collection point intended for the purpose. This can occur, for example, by handing it in at an authorised collecting point for the recycling of waste electrical and electronic equipment. Owing to potentially hazardous substances that are frequently contained in waste electronic equipment, incorrect handling of waste equipment may have a negative impact on the environment and on the health of human beings. By disposing of this product correctly, you are also contributing towards an efficient use of natural resources. Information on collecting points for waste equipment can be obtained from your local authority, an authorised institution for the disposal of waste electrical and electronic equipment or the waste collection services.

General Power Tool Safety Warnings

⚠ WARNING!

Read all safety information, instructions, illustrations, and technical data supplied with the electric power tool. Failure to observe the following instructions may result in electric shock, fire, and/or serious injury.

Save all warnings and instructions for the future.

The term “power tool” used in the safety instructions refers to mains-operated power tools (with a power cord) or to battery-operated power tools (without a power cord).

1) Work area safety

a) **Keep your work area clean and well lit.** Cluttered and dark work areas can lead to accidents.

b) **Do not operate the power tool in explosive atmospheres, such as in the presence of flammable liquids, gases or, dust.** Power tools create sparks which may ignite the dust or fumes.

c) **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control of the electric power tool.

2) Electrical safety

a) **The electric power tool plug must match the outlet. The plug must not be modified in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.

b) **Avoid body contact with grounded surfaces, such as pipes, radiators, ranges, and refrigerators.** There is an increased risk of electric shock if your body is grounded.

c) **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.

d) **Do not abuse the cord. Never use the cord for carrying, pulling, or unplugging the power tool. Keep the power supply cable away from heat, oil, sharp edges, or moving parts.** Damaged or entangled power supply cables increase the risk of electric shock.

e) **When operating a power tool outdoors, only use an extension cable that is also suitable for outdoor use.** The use of an extension cord suitable for outdoor use reduces the risk of electric shock.

f) **If operating a power tool in a damp location is unavoidable, use a fault current circuit breaker.** Use of a fault current circuit breaker reduces the risk of electric shock.

3) Personal safety

a) **Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol, or medication.** When using an electric power tool, a moment of carelessness can result in serious injury.

b) **Use personal protective equipment. Always wear eye protection.** Protective equipment, such as a dust mask, non-skid safety shoes, a safety helmet, or hearing protection, depending on the type and use of the electric power tool, will reduce the risk of personal injuries.

c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up, or carrying the tool.** Accidents may occur if you keep your finger on the switch while carrying the tool or if you connect the electric power tool to the power supply/battery while the tool is switched on.

d) **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

e) **Avoid abnormal body posture. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.

f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing, and gloves away from moving parts.** Loose clothes, jewellery, or long hair can be caught in moving parts.

g) **If dust extraction and collection devices can be installed, these must be connected and used correctly.** Use of dust collection can reduce dust-related hazards.

h) **Do not lull yourself into a false sense of security and do not disregard the safety rules for power tools, even if you are familiar with the power tool after having used it many times.** Carelessness may lead to serious injury within milliseconds.

4) Power tool use and care

a) **Do not overload the electric power tool. Use electric power tools that are suitable for your task.** By using the right electric power tool, your work will be better and safer within the indicated performance range.

b) **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

c) **Disconnect the plug from the outlet and/or remove the detachable battery before configuring the device, replacing tool parts, or putting away the electric power tool.** This precaution prevents the accidental activation of the electric power tool.

d) **Store idle power tools out of the reach of children. Prevent any use of the electric power tool by persons who are unfamiliar with it or haven't read these instructions.** Power tools are dangerous in the hands of untrained users.

e) **Maintain electric power tools and tool inserts carefully. Check whether all movable parts run correctly and are not stuck, whether any parts are broken or damaged to the extent that the electric power tool will no longer operate correctly. Have damaged parts repaired before using the power tool.** Many accidents are caused by poorly maintained power tools.

f) **Keep cutting tools sharp and clean.** Carefully maintained cutting tools with sharp cutting edges get stuck less and are easier to handle.

g) **Use the electric power tool and any insertion tools, etc., according to these instructions. Take into account the working conditions and the work to be performed.** Use of electric power tools for operations different from those intended could result in a dangerous situation.

h) **Keep the handles and handle surfaces dry, clean, and free from oil and grease.** Slippery handles and handle surfaces prevent safe operation and control of the power tool

in unexpected situations.

5) Service

a) **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the electric power tool is maintained.

Original EU Declaration of Conformity

We,

MEROTEC GmbH
D-47877 Willich, Otto-Brenner-Str. 8, Germany

herewith declare under our own, sole responsibility that our product

Portable compressor, Model-No. CQB180D-2

complies with the following directives:

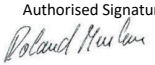
2006/42/EG Machinery Directive
2014/30/EU EMC Directive
2000/14/EG Noise Directive, amended by 2005/88/EC
conformity assessment procedure: 2000/14/EC Annex VI, Notified body ID 0865:
No.0197 - TÜV Rheinland LGA Products GmbH
Tillystrasse 2, 90431 Nuremberg - Germany
Measured sound power level L_{wA} = 93.89dB(A) (K = 1.99dB(A))
Guaranteed sound power level L_{wA} = 96 dB(A)

2011/65/EU*) RoHS, amended by (EU) 2015/863

Applied harmonized standards:
EN 1012-1:2010
EN 60204-1:2018
EN 55014-1:2017
EN 55014-2:2015
EN 61000-3-2:2014
EN 61000-3-3:2013
EN 62233:2008
EN 50581:2012
EN 62841-1: 2015
EN ISO 12100: 2010

Document representative:
Dirk Wohlrab
MEROTEC GmbH
Otto-Brenner-Str. 8
D-47877 Willich

Place, date: Willich, 19.12.2021
Authorised Signature:



Ronald Menken
General Manager
MEROTEC GmbH

The sole responsibility for issuing this declaration of conformity lies with the manufacturer.
*)The object of the declaration described above is in conformity with Directive 2011/65/EU of the European Parliamentand of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.