Spend a little Live a lot

User Manual

WORKZONE®

50 L COMPRESSOR

MANUAL DEVELOPED IN GERMANY
hanse control
myhansecontrol.com
User-friendly Manual
ID: #05007

Original instructions

Product Info

www.aldi.co.uk

+ VIDEO

QR codes take you where you want to go quickly and easily

Whether you require **product information**, **spare parts** or **accessories**, details on **warranties** or **aftersales services**, or if you want to watch a **product demonstration video**, our QR codes will take you there in no time at all.

What is a QR code?

A QR code (QR = Quick Response) is a type of matrix that can be read with a smartphone camera and that contains a link to a website or contact details, for example.

Advantage: You do not need to manually enter a website address or contact details.

How it works

To scan the QR code, all you need is a smartphone with QR code reader software and an internet connection. This type of software can be downloaded for free from your app store.

Try it out now

Just scan the QR code with your smartphone and find out more about the ALDI product you have purchased.

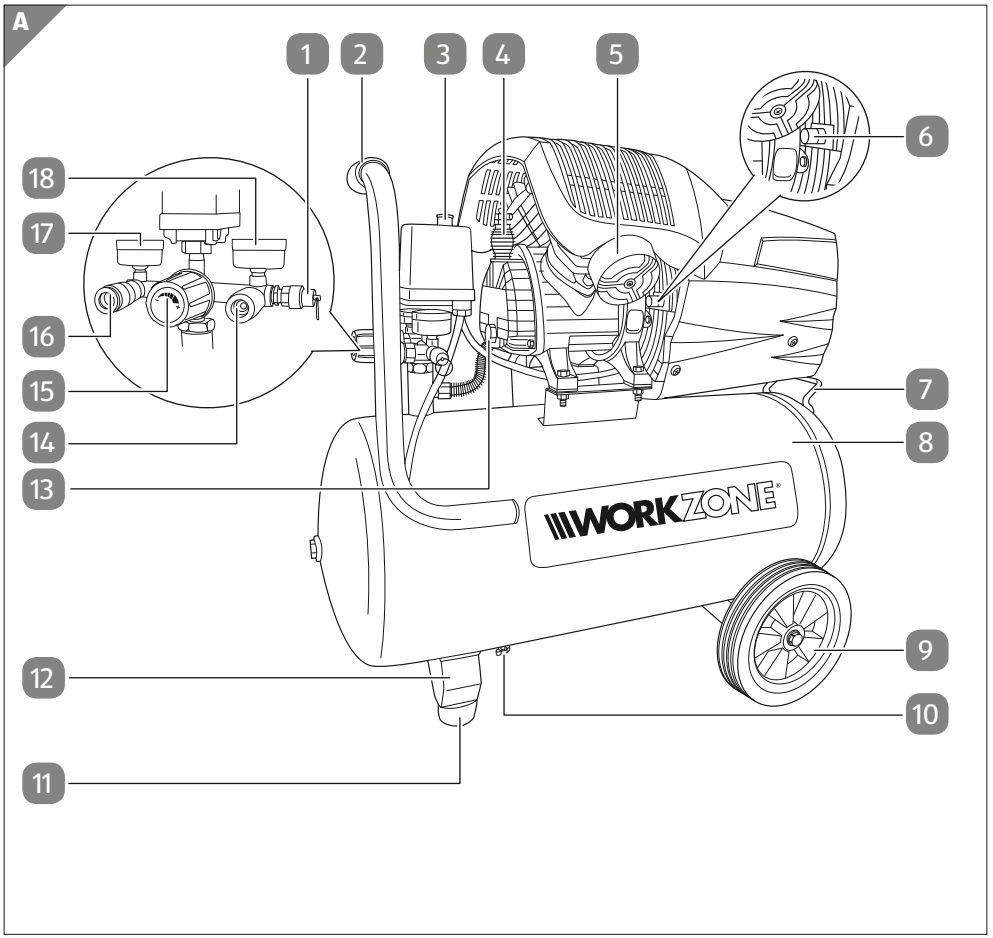
Your ALDI Service Portal

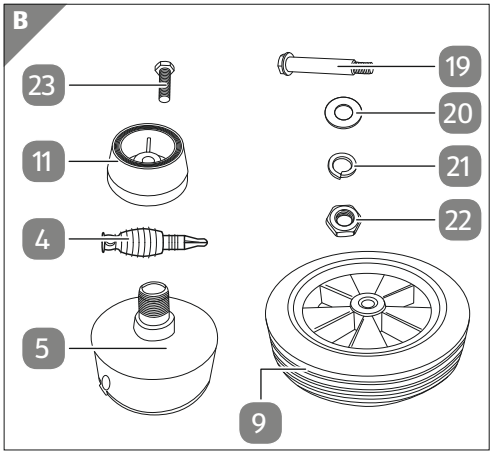
All details mentioned above can also be found in the ALDI Service Portal at www.aldi.co.uk.

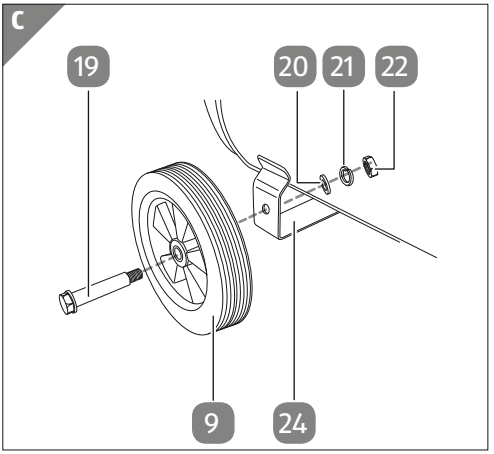
Depending on your tariff plan you may be charged for the connection.

Contents

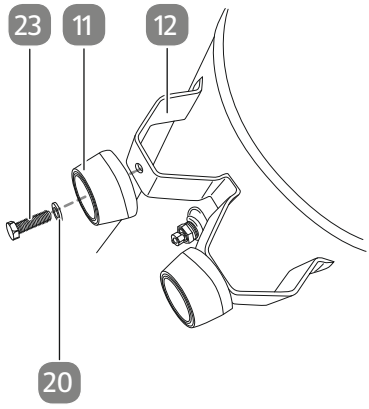
Dok./Rev.-Nr. 194614_20161220


A
1
2
3
4
5
6
18
17
16
15
14
13
7
8
WORKZONE
9
12
10
11

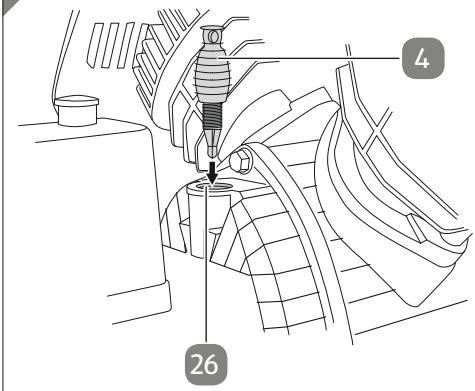

B
23
19
20
11
21
4
22
5
9


C
19
20
21
22
9
24

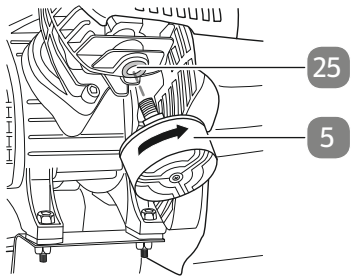
D



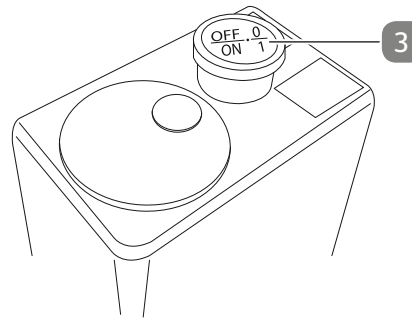
E



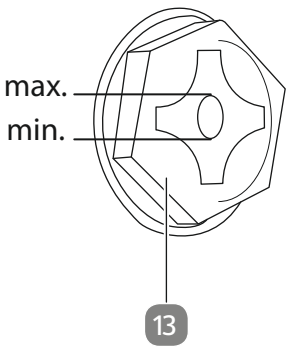
F



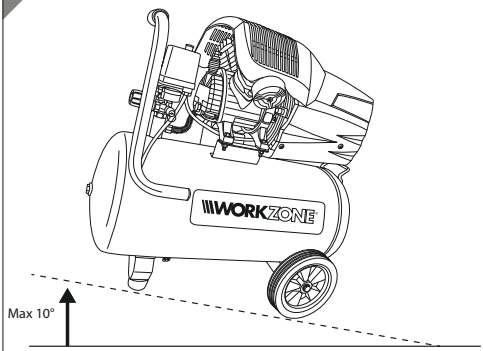
G



H



I



Package contents/parts list

1. Safety valve
2. Handle
3. On/Off switch (pressure monitor)
4. Oil plug with ventilation
5. Air filter, 2×
6. Reset button for overload protection
7. Carrying handle
8. Compressed air tank
9. Wheel, 2×
10. Drain cock for condensed water
11. Support foot, 2×
12. Support foot suspension, 2×
13. Oil drain plug with viewing window
14. Quick coupling for tank pressure
15. Pressure regulator
16. Quick coupling for control pressure
17. Control pressure gauge
18. Tank pressure gauge
19. Axle screw AF17, 2×
20. Washer, 4×
21. Spring washer, 2×
22. Nut AF16, 2×
23. Screw AF13, 2×
24. Wheel suspension, 2×
25. Air inlet with threading for air filter, 2×
26. Oil fill opening

General information

Reading and storing the user manual

This user manual accompanies this 50 l compressor (hereinafter referred to only as the “compressor”). It contains important information about safety, usage and care.

Carefully read through the user manual before using the compressor. Pay particular attention to the safety instructions and warnings. Failure to follow the instructions in this user manual may result in serious injury or damage to the compressor.

Comply with applicable local or national regulations concerning the use of this compressor. Keep this user manual in a safe place for future reference. If you pass the compressor on to third parties, please be absolutely sure to include this user manual.

Explanation of symbols

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

⚠ WARNING!	Indicates a hazardous situation that, if not avoided, could result in death or serious injury.
⚠ CAUTION!	Designates a dangerous situation that may result in minor or moderate injury if not avoided.
NOTICE!	Warns against potential damages to property.

This symbol provides you with useful supplementary information on assembly or use.

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

Read the user manual.

Wear ear protection.

General warning symbol

Warning of electrical voltage

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

Warning: The compressor may start without warning.

Prohibition: Do not open the cock before the air hose has been connected.

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

Safety

Proper use

The compressor is only designed for private users in connection with hobby and DIY projects for the following purposes:

- to produce compressed air for pneumatic tools.

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

Neither the manufacturer nor the retailer can accept any responsibility for injury, loss or damage caused by misuse of this product of any kind. Examples of misuse are given in the following non-exhaustive list:

- Using the compressor for other than the intended purposes;
- Failure to observe the safety instructions and warnings as well as the assembly, operating, maintenance and cleaning instructions contained in this user manual;
- Failure to comply with any regulations relating to accident prevention, occupational medicine or safety, which specifically and/or generally apply to the use of this compressor;
- Use of accessories and spare parts not intended for the compressor;
- Changes to the compressor;
- Repairs to the compressor by parties other than the manufacturer or a qualified professional;

- Use of the compressor for commercial or industrial applications as well as in connection with the trades;
- Operation or maintenance of the compressor by persons not familiar with how to handle the compressor and/or who are not aware of the related risks.

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.

General safety instructions

ATTENTION! When using this compressor, the following safety measures must be taken in order to provide protection against electric shocks, risks of injury and fire.
Read all these instructions before using the compressor and keep the safety instructions in a safe place.

1. **Keep work area clean and well lit.**
   - 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 mains connection line. 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 mains connection line for purposes other than the intended one.**
   - Do not use the mains connection line to pull the mains plug out of the socket. Protect the cord against 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 mains connection line and the mains 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. **Prevent accidental start-up.**
    - Make sure that the On/Off switch is set to the “OFF 0” position when inserting the mains 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 unconcentrated, 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 compressors if the On/Off switch cannot be turned on and off.
16. **ATTENTION!**
    - For your own safety, only use accessories and auxiliary equipment specified in the user manual or recommended or specified by the manufacturer. Using fitted tools or accessories other than those specified in the user manual or recommended in the catalogue may pose a risk of injury for you.
17. **Have your compressor repaired by an electrical technician.**
    - This compressor 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. **Protection against noise emissions.**
    - Wear ear protection when using the compressor.
19. **Replacing the mains connection line.**
    - If the mains connection line is damaged, it must be replaced by the manufacturer or an electrician to avoid risks.

Safety instructions for spray painting

- Do not work with paints or solvents whose flash point is less than 55 °C.
- Do not heat up paints and solvents.
- When working with liquids that are harmful to health, you must use filter units (face masks). Also be sure to observe all information regarding protective measures made by the manufacturers of such substances.
- Observe the information and labels in accordance with the Ordinance on Hazardous Substances provided on the outer packaging of the materials you are working with. If applicable, you must also take additional protective measures. This includes in particular wearing suitable clothing and masks.

- Paint fumes are highly flammable. You must therefore never smoke while spraying and in the room where work is performed.
- Fireplaces, naked light or machines that produce sparks must not be present and/or used.
- Do not store or consume any food or beverages in the work room.
- Paint fumes are harmful to health. Avoid inhaling paint fumes.
- The work room must be larger than 30 m^3 and there must be adequate ventilation when spray painting and drying.
- Do not spray paint into the wind.
- When spray painting flammable or dangerous substances, observe the provisions of the local authorities as a rule.
- Do not work with fluids like white spirit, butyl alcohol and methylene chloride when using the PVC pressure hose. These fluids will destroy the pressure hose.

Safety instructions for the compressor

ATTENTION! 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 environment 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 compressed air tank of 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.

- The compressor must not be used if the compressed air tank exhibits defects that pose a risk to the operators or third parties.
- Check the compressed air tank for rust and damage before each use. If you identify damages, contact our After Sales Support at the service address indicated on the warranty card.
- Do not separate any connections while the compressed air tank is in a pressurised state.
- Do not in any case drill holes in the compressed air tank, do not perform any welds on it and never deform it.
- Never operate the compressor if the compressed air tank is damaged or deformed.
- Make sure that the compressed air tank is always vented before separating the connections, connecting or removing pneumatic tools.
- Switch the On/Off switch (pressure monitor) to the “OFF 0” position once the compressor has been switched off.
- Make sure that you only use pneumatic lines for compressed air that are suitable for the maximum pressure corresponding to 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 attempt to repair damaged lines; instead, replace them.
- Never transport the compressor if the compressed air tank is in a pressurised state.

⚠ WARNING!

Risk of electric shock!
A faulty electrical installation or excessive mains voltage may result in an electric shock.

- Only connect the compressor if the mains voltage of the socket corresponds to the rating plate specification.

- 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.
- Lay the mains connection line so that it does not pose a tripping hazard.
- Do not kink the mains connection line and do not lay it over sharp edges.
- When not in use, 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 connection line 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.
- 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!

Burn hazard!
The compactor and the lines of the compressor may become hot during operation. You could burn yourself on them.

- Do not touch the compactor and the lines during operation to avoid burns.
- 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 compressed air jet or the pneumatic tools connected to the compressor at persons or animals.
- Do not use the compressed air jet to clean clothing 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.
- When working with the compressor, wear protective goggles to protect yourself against debris and parts that are blown away.

NOTICE!

Risk of damage!

Improper handling of the compressor may result in damage.

- If possible, use wedges to secure the wheels of the compressor to prevent it from rolling away when you are using it.
- Do not insert any objects in the compressor.
- Only use the designated handles to transport the compressor.
- Always keep the compressor in an upright position to prevent oil from leaking.
- Before each use, make sure that there is enough oil in the compressor.
- When the compressor is starting, a brief voltage drop may occur, particularly if the mains quality is poor. These drops can affect other devices (e.g. lights may flicker). For grid impedance $Z_{max} < 0.322\ \Omega$, such disruptions cannot be expected. Please contact your local energy utility for more information.

First use

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.

⚠ CAUTION!

Risk of injury!
The compressor is very heavy. You could damage yourself if you lift it out of the packaging by yourself.

- Do not lift the compressor by yourself, instead have another person help you lift it out of the packaging.

NOTICE!

Risk of damage
The compressor is already filled with oil when it is delivered to you. If you tip the compressor too much or place it on its side, oil could leak out and cause damage to property, contamination or similar. If you operate the compressor with not enough or no oil, you could damage the compressor as a result.

- Always hold the compressor in an upright position. Do not place it on its side for transport and to remove it from the packaging.
- After unpacking and before each use, make sure that there is enough oil in the compressor.

1. Lift the compressor out of the packaging.
2. Place the compressor on a level, stable surface.
3. Check to make sure that the delivery is complete (see **Fig. A** and **B**).
4. Check whether the compressor or the individual parts exhibit damages. If this is the case, do not use the compressor. Contact the manufacturer at the service address specified on the warranty card.

5. If possible, hold on to the original packaging for future reference.
6. Dispose of any unnecessary packaging and shipping materials as described in the section “Disposal”.

Preparation

⚠ WARNING!

Risk of injury!
There is a risk of injury if you use the compressor before having it properly and completely prepared for use.

– Assemble all parts of the compressor and insert the oil plug as described in the section “Preparation” before you use the compressor.

- If possible, have a second person help you assemble the compressor.
- Before assembly, make sure that you have enough room to assemble the compressor.
- You need open-ended spanners with the sizes AF13, AF16 and AF17 for the next assembly steps (not contained in package contents).

Mounting the wheels

1. Use a level, stable object to support the back part of the compressor, e.g. with a tool box, so that the middle of the compressor is supported and you can mount the wheels 9 on the wheel suspension 24 (see **Fig. A** and **C**).
2. Insert the axle screw 19 through the wheel from the outside.
3. Insert the open end of the axle screw further through the wheel suspension on the compressor.
4. Put a washer 20 and a spring washer 21 on the axle screw.
5. Screw a nut 22 onto the axle screw until it is hand-tight.
6. Use the AF16 open-ended spanner to secure the nut and use the AF17 open-ended spanner to tighten the axle screw so that the wheel is securely mounted.
7. Repeat steps 2 to 6 to mount the second wheel.

Mounting the support feet

1. Use a level, stable object to support the front part of the compressor, e.g. with a tool box, so that the middle of the compressor is supported and you can mount the support feet 11 on the support foot suspension 12 (see **Fig. A** and **D**).
2. Put a washer 20 on the screw 23.
3. From the hollow side, insert the screw through the support foot.
4. Screw the open end of the screw into the threading on the support foot suspension so that it is hand-tight.

5. Use the AF13 open-ended spanner to tighten the screw so that the support foot has been securely mounted.
6. Repeat steps 2 to 5 with the second support foot.

Inserting the oil plug

– Remove the transport cap from the oil fill opening 26.
– Screw the oil plug 4 clockwise into the threading of the oil fill opening (see **Fig. E**).

Mounting the air filters

– Mount the air filters 5 by screwing an air filter into the threading of each air inlet 25 in a clockwise direction (see **Fig. F**).
– Make sure that the two air filters are correctly and securely screwed onto the threadings.

Operation

NOTICE!

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.

NOTICE!

Risk of damage!
If you set up the compressor in an unsuitable location or handle it improperly, you could damage the compressor.

– 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.
– Avoid any build-up of heat by not setting the compressor up directly against a wall or similar. Make sure that the vents are not obstructed. There must be at least 1 m of distance between the compressor and the walls.
– Make sure that the compressor is not able to move from its position during operation.
– Always place the compressor on the support feet feet during operation.
– 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 the rain or in wet rooms and in areas where work is performed with spraying water.
- Before each use, make sure that there is enough oil in the compressor.

- The built-in pressure monitor controls the build-up and release of pressure in the compressor:

  The compressor switches off once the pressure in the compressed air tank reaches the set maximum level and it switches back on when the pressure in the compressed air tank drops to the set minimum level. By factory default, a maximum value of 8 bar and a minimum value of 6 bar are set.

  If the pressure in the compressed air tank increases uncontrollably, the safety valve will automatically open to reduce the tank pressure. By pulling the ring of the safety valve, you manually open the safety valve and as a result, are able to reduce the tank pressure.
- The compressor is equipped with a pressure reducing mechanism. You can set the control pressure as needed. Many pneumatic tools require less pressure than the maximum pressure generated by this compressor.
- To check the proper function of the compressor, fill the compressed air tank with air at maximum pressure after the device has been switched on.

Using the compressor

1. Make sure that you have taken all preparatory steps with the compressor before using it (see chapter “Preparation”).
2. Make sure that the mains voltage corresponds to the electrical data on the rating plate. The permissible variance amounts to no more than 5 %.
3. Make sure that the On/Off switch 3 is set to the “OFF 0” position (see **Fig. G**).
4. Make sure that the drain cock 10 for condensed water is closed (see **Fig. A**).
5. Check the oil level at the viewing window of the oil drain plug 13 and, if necessary, add oil (see chapter “Adding and changing oil”).
6. Connect the mains plug to a properly installed socket with earthing contact.
7. Connect a pneumatic tool to one of the two quick couplings 14/16 so that it audibly locks into place (see **Fig. A**).
   The adjustable control pressure can be determined on the left quick coupling and the uncontrolled tank pressure can be determined on the right quick coupling.
8. Set the On/Off switch to the “ON 1” position by pulling it out slightly (see **Fig. G**).
   The compressor has now been switched on and is starting up.

9. Turn the pressure regulator 15 (see **Fig. A**):
   - clockwise to increase the control pressure,
   - anticlockwise to decrease the control pressure.

   You can read the set control pressure on the control pressure gauge 17.

   You can read the pressure of the air contained in the compressed air tank 8 on the tank pressure gauge 18. The tank pressure is not controlled, that is, it cannot be adjusted.
10. Push the On/Off switch down so that it is set to the "OFF 0" position to switch the compressor off.
11. If you no longer wish to use the compressor, pull the mains plug out of the socket.
12. Vent the compressor via the connected pneumatic tool.
13. Take the pneumatic tool off of the compressor by slightly pushing the quick coupling back and pulling the pneumatic tool off (see **Fig. A**).
14. Let the compressor cool off completely.
15. Clean the compressor as described in the chapter "Cleaning and maintenance".

Overload protection

This compressor is equipped with overload protection. In the event of an overload, the overload protection automatically switches off the compressor to prevent the compressor from overheating.

If the overload protection has triggered, proceed as follows:

1. Push the On/Off switch 3 down so that it is set to the "OFF 0" position to switch the compressor off (see **Fig. A** and **G**).
2. Wait until the compressor has cooled off.
3. Push the reset button 6 for the overload protection.
4. Switch the compressor on as described in the chapter "Using the compressor".

Cleaning and maintenance

⚠ WARNING!

Danger of explosion!

The compressed air tank or the attached tools may be in a pressurised state. There is a risk of explosion if used improperly.

– Vent the compressor completely before cleaning or performing maintenance on the compressor.
– 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 the compressed air hose and pneumatic tools before cleaning the compressor.

⚠ WARNING!

Burn hazard!
The compressor will become hot during operation.

- Let the compressor cool off completely before cleaning or performing maintenance on the compressor.

NOTICE!

Risk of damage!
Improper or irregular cleaning and maintenance could damage the compressor.

- Keep all protective devices, vents and the motor housing as free of dust and dirt as possible.
- Clean the compressor after each use.
- Do not use any aggressive cleaners, brushes with metal or nylon bristles or sharp or metallic cleaning utensils such as knives, hard scrapers and the like. They could damage the surfaces.

Cleaning the compressor

1. Make sure that the On/Off switch 3 is set to the "OFF 0" position (see **Fig. G**).
2. Before cleaning, pull the mains plug out of the socket to disconnect the compressor from the power supply.
3. Let the compressor cool off completely.
4. Vent the compressor via the connected pneumatic tool.
5. Disconnect the connected pneumatic tools before you clean the compressor.

6. Drain any condensed water as described in the chapter “Draining condensed water”.
7. Rub off the protective devices, vents and the motor housing with a clean cloth or use compressed air to blow off dust and dirt from the compressor at low pressure.
8. Use a damp cloth and a small amount of soft soap to wipe off the outside of the compressor. Make sure that no water or soap penetrates the inside of the device.
9. Let all parts dry completely.

Cleaning/replacing the air filters

NOTICE!

Risk of damage!

Operating the compressor with plugged or damaged air filters may damage it.

– Regularly replace the air filters. This must be done at least once a year if it is operated in a clean environment. In dusty environments, the filter elements must be replaced more often.

The manufacturer recommends that you remove the air filters every 50 operating hours and clean the filter element by blowing it out with compressed air.

– Screw the air filter 5 you intend to change out of the threading 25 in an anti-clockwise direction (see **Fig. A**).
– Screw a new air filter (original spare part) into the threading (see chapter “Mounting the air filters”).

Draining condensed water

NOTICE!

Risk of damage!

Tipping the compressor over too far or turning it upside down could cause oil to leak and the compressor could be damaged as a result.

– Never tip the compressor by more than 10°.
– Never turn the compressor upside down.
– Only open the drain cock if the compressor has been set up properly.

NOTICE!

Risk of damage!

If there is compressed air in the compressed air tank, the condensed water is released at high pressure when the drain cock is opened.

- Reduce the tank pressure before you open the drain cock.
- Always be careful when opening the drain cock and don't unscrew it all the way.

NOTICE!

Risk of pollution!

The condensed water contains oil. If it ends up in the environment or the sewer system, it will pollute the environment.

- Only dispose of condensed water containing oil as hazardous waste in accordance with valid local regulations.

The manufacturer recommends to regularly drain any condensed water depending on how intensely you use the compressor (e.g. weekly).

1. Make sure that the On/Off switch 3 is set to the "OFF 0" position (see **Fig. G**).
2. Before draining the condensed water, pull the mains plug out of the socket to disconnect the compressor from the power supply.
3. Let the compressor cool off completely.
4. Reduce the tank pressure to approx. 1–2 bar by using the enclosed pneumatic tool to vent the compressor.
5. Place a collecting container under the drain cock 10 for condensed water (see **Fig. A**).
6. Carefully open the drain cock for condensed water by hand; if applicable, use a dry cloth for better grip.
7. Let the condensed water drain completely into the collecting container.
8. Close the drain cock for condensed water.

Adding and changing oil

NOTICE!

Risk of damage!
Unsuitable oil or an insufficient or excessive amount of oil in the compressor could damage it.

- Before each use, check the oil level and, if applicable, add oil or drain off excess oil.
- Use multigrade oils SAE 10W40/15W40.
- Perform a complete oil change no later than after 100 operating hours or 6 months.

NOTICE!

Risk of pollution!
Used oil that ends up in the environment or the sewer system will pollute the environment.

- Only dispose of used oil as hazardous waste in accordance with valid local guidelines.

Use synthetic SAE 10W40 oil for operation at an ambient temperature of +5 °C to +40 °C. Synthetic oil has the advantage that its characteristics remain unchanged at different temperatures, e.g. in the summer or winter.

Checking the oil level

- Always check the oil level before you use the compressor.
- Check the oil level at the viewing window of the oil drain plug 13: The optimal oil level is between the “max.” mark and the “min.” mark (see **Fig. H**).

Draining the oil

- This compressor is shipped with the synthetic oil SAE 10W40. Completely replace the oil after the first 100 hours of operation.
- To open the oil drain plug, you will need an AF 24 open-ended spanner (not included in the package contents).

1. Make sure that the On/Off switch 3 is set to the “OFF 0” position (see **Fig. G**).
2. Before draining the oil, pull the mains plug out of the socket to disconnect the compressor from the power supply.

3. Let the compressor cool off completely.
4. Vent the compressor using the connected pneumatic tool (see **Fig. A**).
5. Have a collecting container ready to collect the old oil.
6. Use the open-ended spanner to loosen the oil drain plug 13 (see **Fig. A** and **H**).
7. If necessary, tip the compressor slightly and let the oil drain completely into the collecting container.
8. Screw the oil drain plug back onto the compressor and use the open-ended spanner to tighten it again.
9. Add new oil as described in the chapter “Adding oil”.

Adding oil

1. Make sure that the On/Off switch 3 is set to the “OFF 0” position (see **Fig. G**).
2. Before adding oil, pull the mains plug out of the socket to disconnect the compressor from the power supply.
3. Let the compressor cool off completely.
4. Vent the compressor via the connected pneumatic tool.
5. Screw the oil plug 4 anticlockwise out of the threading of the oil fill opening 26 (see **Fig. A** and **E**).
6. Add enough oil so that the oil level is between the “max.” and “min.” mark (see **Fig. H**).
7. Then screw the oil plug clockwise into the threading of the oil fill opening (see **Fig. E**).

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 After Sales Support or a similarly qualified specialist to avoid risks.
- If the mains connection line is damaged, it must be replaced with a special connector cable that can be obtained from the manufacturer or its after sales support.
- The mains connection line may only be replaced by a specialist workshop or qualified specialist personnel.

Checking the compressor

Check the condition of the compressor regularly. Among other things, check to make sure:

- all switches 3 / 6 are not damaged,
- the overload protection is working properly,
- that the accessories are in proper condition,
- that the mains connection line and the mains plug are not damaged,
- that the vents are unobstructed and clean. If applicable, use a soft brush to clean them (see section “Cleaning the compressor”).

  If you identify a damage, you must have it repaired by a specialist workshop to prevent risks.

Transport

⚠ WARNING!

Risk of electric shock!

Transporting the compressor while it is operating poses a risk of electric shock.

– Switch the compressor off each time before you transport it and pull the mains plug.

NOTICE!

Risk of damage!

If you do not transport the compressor properly, tip it or turn it upside down, it may be damaged or fluids may leak.

– Only transport the compressor in an upright position.
– Secure the compressor to protect it from shocks and vibration when transporting the compressor in a vehicle.
– Never tip the compressor by more than 10°.
– Always use the handles for transport.
– When transporting the compressor over longer distances, carry it on the two handles with the help of another person.
– Do not use any hooks or ropes to lift the compressor.

To transport the compressor, you can carry it or push or pull it using the wheels 9.

Transport over longer distances:

– With the help of another person, take hold of the compressor by the handle 2 and the carrying handle 7 (see **Fig. A**).
– Hold the compressor in an upright position.

Transport over short distances, e.g. in one room:

– Take hold of the compressor by the handle 2 and lift it no more than 10°.
– Carefully pull or push the compressor to the desired position.

Storage

NOTICE!

Risk of damage!

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

- Before storage, pull the mains plug out of the socket to disconnect the compressor from the power supply.
- Only store the compressor and all connected pneumatic tools in a vented state.
- Always store the compressor in a dry environment.
- Always store the compressor in a standing position and do not tip it.
- 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 out of the socket to disconnect the compressor from the power supply.
2. Let the compressor cool off completely.
3. Vent the compressor and all connected pneumatic tools as described in the chapter “Cleaning and maintenance”.
4. Clean the compressor and remove condensed water as described in the chapter “Cleaning and maintenance”.
5. Store the compressor on a dry, level surface in a dry room.
6. Cover the compressor to protect it from dust or similar if you do not use it for prolonged period of time.

Troubleshooting

Problem	Cause	Solution
The compressor doesn't start.	No mains voltage is present.	– Check the mains connection line, mains plug, safety valve and socket.
	The mains voltage is too low.	– Make sure that the mains voltage corresponds to the specification on the rating plate. – Avoid using an extension cord that is too long. – Only use an extension cord with a sufficient core cross-section.
	The ambient temperature is too low.	– Do not operate the compressor at ambient temperatures below +5 °C.
	There is not enough oil in the crankcase.	– Check the oil level and, if necessary, add oil as described in the chapter "Adding and changing oil".
	The motor has overheated. The overload protection has triggered.	– Let the motor cool off. If necessary, rectify the cause of overheating. – Reset the reset button for the overload protection as described in the chapter "Overload protection".
The compressor doesn't stop. Once the maximum pressure has been reached, the safety valve will automatically activate.	The compressor is defective.	– Contact customer service or an authorised specialist workshop to have the compressor repaired.
The compressor is running, but no pressure is created.	The gaskets are defective.	– Check the gaskets. – Have defective gaskets replaced by a specialist workshop or the After Sales Support.
	The drain cock for condensed water is not closed or has a leak.	– Close the drain cock for condensed water. – Check the gasket for the screw and if necessary, replace it. Close the drain cock for condensed water.

Problem	Cause	Solution
The compressor is operating, pressure is shown on the pressure gauge, but the tools don't work.	The hose connections have a leak.	– Check the compressed air hose and all connections with soapy water and replace them if necessary.
	The quick coupling has a leak.	– Check the quick coupling and if applicable, replace it.
	The pressure on the pressure regulator is set too low.	– Open the pressure regulator more.

Ordering spare parts

Contact the manufacturer at the service address specified on the warranty card if you need spare parts.

Spare part list

Item no.	Description	Spare part number
4	Air filter	1012004
5	Oil plug	1012005
16	Rubber feet	1012016
17	Wheel	1012017

Technical data

Model:	GPAC2200
Nominal voltage:	230–240 V~
Nominal frequency:	50 Hz
Input power:	2.2 kW
Idle speed n_0:	2850 min^{-1}
IP code compressor:	IP20
IP code motor:	IP23
Tank contents:	50 l
Theoretical suction capacity:	approx. 412 l/min
Max. operating pressure:	8 bar
Max. setup height (above sea level):	1000 m
Sound power level L_{WA}:	96 dB (A)
Uncertainty K_{WA}:	3 dB (A)

Sound pressure level L_{pA}:	77.8 dB (A)
Uncertainty K_{pA}:	3 dB (A)
Device weight:	41.5 kg
Article number:	94243

The noise emission data were determined in accordance with EN ISO 2151:2008.

The noise level may increase by
1 to 10 dB (A) depending on the environment where the compressor is set up.

- The compressor fulfils the requirements of EN 61000-3-11 and is subject to conditional connection. This means it is not permitted to use the device with freely selected connection points.
- In the event of unfavourable grid conditions, the compressor could produce temporary fluctuations in voltage.
- The compressor is only designated for use with connection points that

  a) do not exceed a maximum permissible grid impedance $Z_{max} < 0.322\ \Omega$,

  or

  b) have a continuous grid current-carrying capacity of at least 100 A per phase.
- Make sure that the connection point which the compressor is to be connected to fulfils one of the two specified requirements a) or b). If necessary, consult your energy utility.

Disposal

Disposing of the packaging

Dispose of the packaging separated into single type materials. Dispose of cardboard and carton as waste paper and film via the recyclable material collection service.

Disposing of the compressor

Dispose of the compressor in accordance with the applicable disposal regulations for your country.

Old devices must not be disposed of with household waste!
This symbol indicates that this product must not be disposed of together with domestic waste in compliance with the Directive (2012/19/EU) pertaining to waste electrical and electronic equipment (WEEE). This product must be disposed of at a designated collection point. This can occur, for example, by handing it in at an authorised collecting point for the recycling of waste electrical and electronic equipment. Improper handling of waste equipment may have negative consequences for the environment and human health due to potentially hazardous substances that are often contained in electrical and electronic equipment. By properly disposing of this product, you are also contributing to the effective use of natural resources. You can obtain information on collection points for waste equipment from your municipal administration, public waste disposal authority, an authorised body for the disposal of waste electrical and electronic equipment or your waste disposal company.

EU Declaration of Conformity

We,

MEROTEC GmbH
D-47877 Willich, Hanns-Martin-Schleyer Str. 18a, Germany

herewith declare that our product
50 L Compressor
Model no. GPAC2200

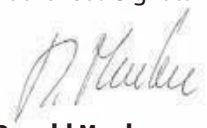
complies with the following directives:

2006/42/EC	Machinery Directive
2014/30/EU	EMC Directive
2011/65/EU	RoHS Directive
2000/14/EC	Outdoor Directive (amended by 2005/88/EC) Notified body: Société Nationale de Certification et d'Homologation No. 0499, BP23; L-5201 Sandweiler Measured sound pressure level LWA= 94.23 dB(A) (K = 3 dB(A)) Guaranteed sound pressure level LWA = 96 dB(A)
2012/19/EU	WEEE Directive

Applied harmonized standards:
EN 1012-1:2010, EN 60204-1:2006+A1:2009+AC:2010
EN 55014-1:2006+A1+A2
EN 55014-2:2015
EN 61000-3-2:2014
EN 61000-3-11:2000
EN 62233:2008

Document representative:
Dirk Wohlrab
MEROTEC GmbH
Hanns-Martin-Schleyer-Straße 18a
47877 Willich

Date: 20.12.2016
Authorised Signature:



Ronald Menken
General Manager MEROTEC GmbH

CE

ALDI

Spend a little Live a lot

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 IRE

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

94243

GB **01904727501** IRE **019022605**

www.coreservice.co.uk

MODEL:
GPAC2200

03/2017

3 YEARS WARRANTY