User Manual

Spend a little Live a lot

WORKZONE

3HP 50 L AIR COMPRESSOR

WAC 3050/1

Product Info

www.aldi.co.uk

+ VIDEO

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

Original instructions

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.

This is 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.

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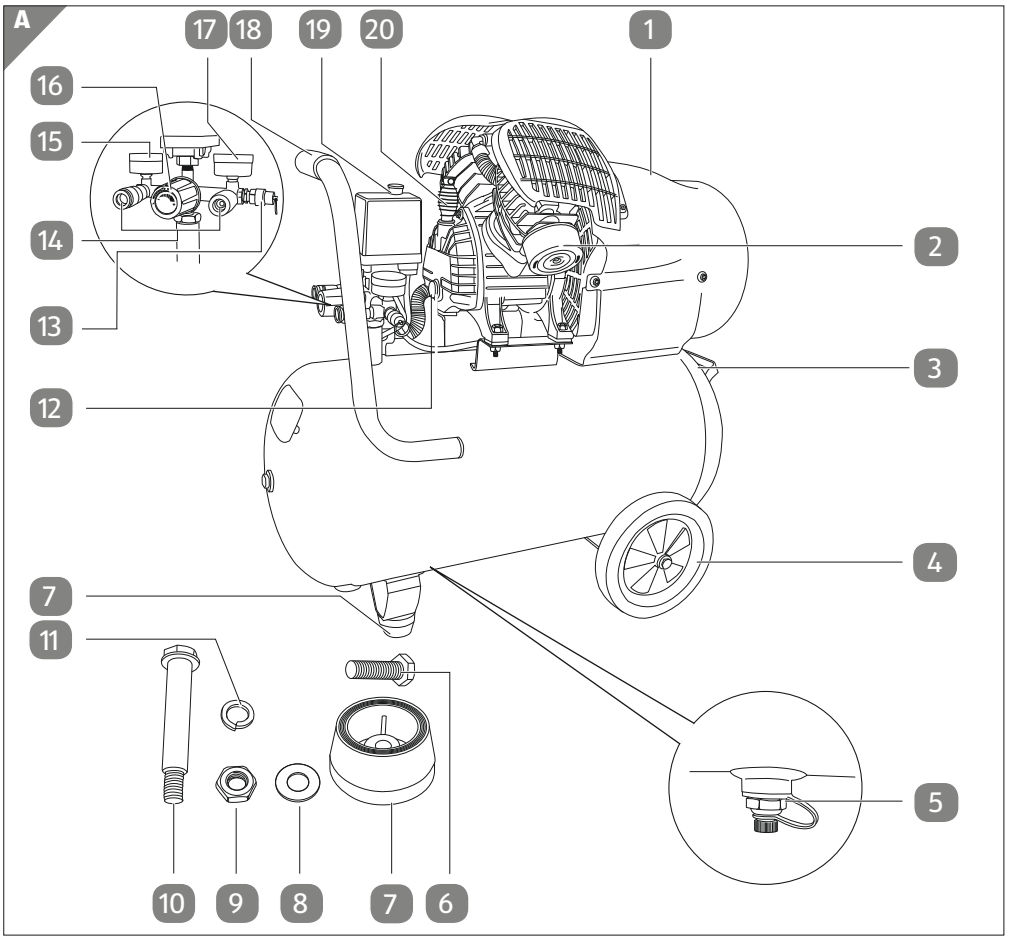
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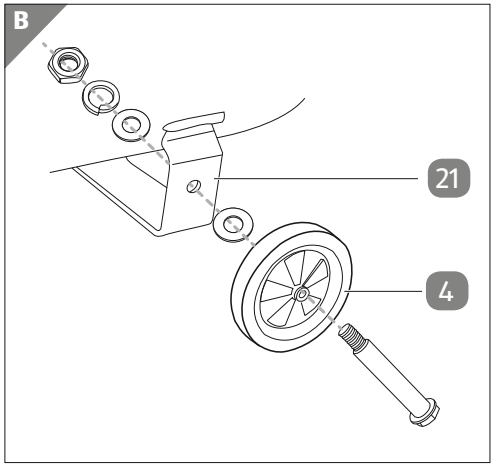
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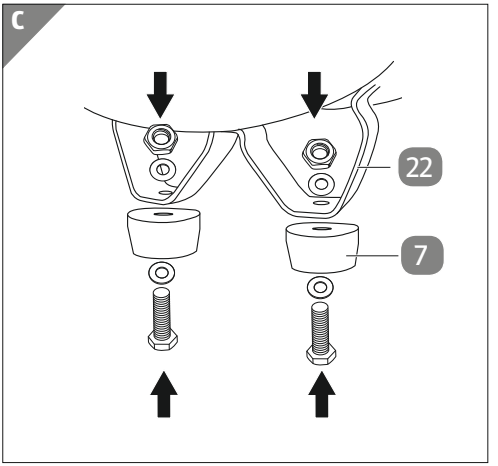
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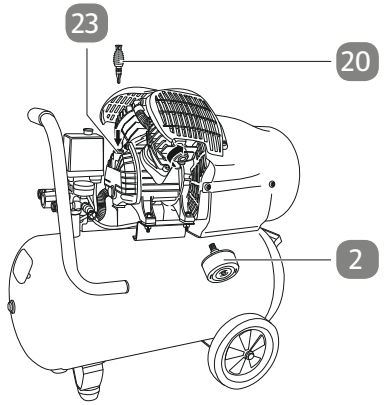

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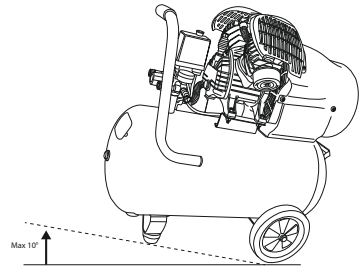

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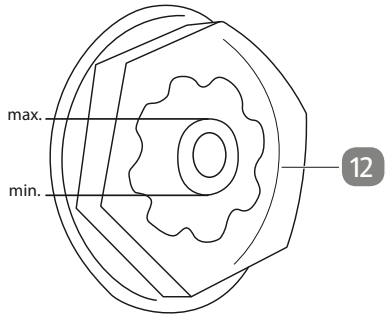

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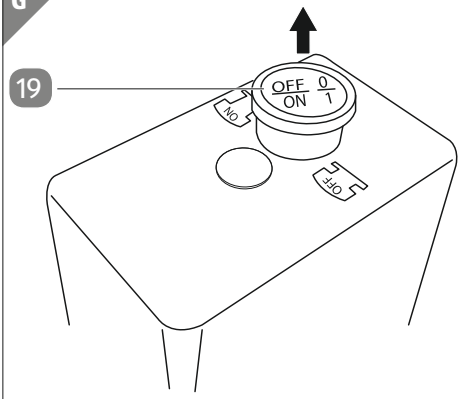

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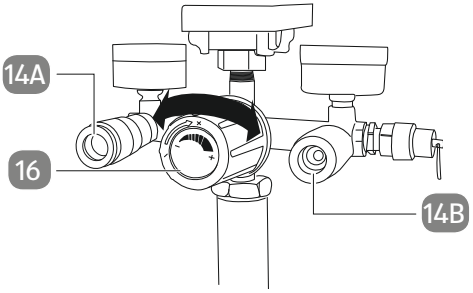

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Product contents/device parts

1. Overload switch
2. Air filter, 2×
3. Handle
4. Wheel, 2×
5. Drain cock for condensed water (drain valve)
6. Screw, 2×
7. Support foot, 2×
8. Washer, 8×
9. Nut, 4×
10. Axle screw, 2×
11. Spring washer, 2 ×
12. Oil drain plug
13. Safety valve
14. Quick coupling 2×
15. Operating pressure gauge
16. Pressure regulator
17. Tank pressure gauge
18. Transport handle
19. On/Off switch (with automatic pressure switch)
20. Oil plug
21. Wheel support bracket
22. Support foot bracket
23. Oil fill opening

General information

Reading and storing the user manual

This user manual accompanies this 50 Litre Air Compressor. It contains important information on start-up and handling. For improved readability, the 50 Litre Air 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 can also be downloaded as a PDF file from our website **www.isc-gmbh.info**.

Explanation of symbols

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

⚠ WARNING!	Designates a hazard that may lead to death or severe injury if not avoided.
NOTICE!	Warns against potential damages to property.

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

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.

The certified safety seal confirms that the compressor is safe if used as foreseeable. The test seal confirms conformity with the German Product Safety Act.

Wear ear protection.

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

Warning: The compressor may start without warning.

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

The theoretical suction power of the device is 412 l/min.

The power consumption of the device amounts to 2.2 kW.

The tank volume is 50 litres.

The compressor is heavy. Get help before lifting the compressor.

Safety

Proper use

The compressor is designed to produce compressed air for pneumatic tools.

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 or vendor accepts no 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 familiarised 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.

ATTENTION! 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 notes and instructions 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 notes

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 cable to pull the plug out of the socket.
  Protect the cord against heat, oil and sharp edges.

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GB 0044 151 649 1500
IRE 0044 1890 946 244

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. Prevent 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 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 power tools if the 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 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 notes when 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 safety warnings 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.
- You must not smoke while spraying and in the room where work is performed. Paint fumes are also highly flammable.
- 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 m³ 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 requirements of your local authority.
- 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 notes for the compressor

ATTENTION! For your own safety, only operate the compressor after you have read the safety notes.

⚠ 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.

- A pressure tank must not be used if it exhibits defects that pose a risk to the operators or third parties.
- Check the pressure tank for rust and damage before each use. The compressor must not be operated with a pressure tank that is damaged or corroded. If you identify damages, contact our customer service department at the service address indicated on the warranty card.
- Do not separate any connections while the compressed air tank is in a pressurised state.

- Never create holes or welded seams on the compressed air tank and never change its shape.
- Never operate the compressor if it is damaged or deformed.
- 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 the maximum pressure corresponding to the compressor.
- 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 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.
- Lay the mains cord so that it does not pose a tripping hazard.
- Do not kink the mains cord and do not lay it over sharp edges.
- 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 customer service department 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.

⚠ WARNING!

Burn hazard!
Parts of the compressor such as the assembly comprising the head, cylinder and air line may become hot during operation. You could burn yourself on them.

- Do not touch the assembly comprising the head, cylinder and air line 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 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 gun. Debris and parts that are blown away pose a risk of injury.

NOTICE!

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

- Do not insert any objects in the compressor.
- Only use the designated handles to transport the compressor.

First use

Checking the compressor and product 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. Lift the compressor out of the packaging with both hands.
2. Place the compressor on a level, stable surface.
3. Check to make sure that the delivery is complete (see **fig. A** and **B** and **the list on p. 6**).
4. 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 specified on the warranty card.
5. To the extent possible, store the packaging until the warranty period has expired.

Preparations and assembly

The following assembly steps must be performed before using the compressor for the first time. You will need two open-ended spanners or ring spanners with a width of AF 14 and AF 17 as well as a flat-headed screwdriver for removing the transport caps.

Mounting the wheels

The wheels must be mounted before using the compressor for the first time. To do so, proceed as follows (see **fig. B)**:

1. Place the back part of the compressor on a stable, slightly elevated base (e.g. a tool box) so that the wheels 4 can be mounted on the wheel support brackets 21 (see **fig. A** and **B**).
2. Insert the axle screw 10 through the wheel from the outside.
3. Put a washer 8 on the axle screw.
4. Insert the axle screw through the wheel support brackets on the compressor.
5. Put the second washer on the axle screw.
6. From the back, place the spring washer 11 on the axle screw.
7. With one hand, screw a nut 9 onto the axle screw.

8. Use 2 open-ended spanners to tighten the axle screw. Use one open-ended spanner to hold the nut in place and with the second open-ended spanner, tighten the axle screw.
9. Repeat steps 2 to 8 with the second wheel.

The wheels have now been mounted.

Mounting the support feet

Before operating the compressor for the first time, the support feet 7 must be mounted after mounting the wheels. To do so, proceed as follows (see **fig. C)**:

1. Place the front part of the compressor on a stable, slightly elevated base (e.g. a tool box) so that the compressor is supported in the middle and the support foot bracket 22 is free (see **fig. A** and C).
2. Put a washer 8 on the screw 6.
3. From the hollow side, insert the screw through the support foot.
4. Run the screw through the support foot bracket.
5. Fit a washer on the screw.
6. Screw a nut 9 onto the screw by hand.
7. Use two open-ended spanners to tighten the screw. Use one open-ended spanner to hold the nut in place and with the second open-ended spanner, tighten the screw.
8. Repeat steps 2 to 7 with the second support foot.

You can now place the compressor on the two support feet.

Replacing the oil plug and adding oil

Before operating the compressor for the first time, you must mount the oil plug 20 on the oil fill opening 23. Each time before operating the compressor,you must ensure that the oil plug has been correctly inserted.
To do so, proceed as follows (see fig. **A** and **D**):

1. Use a screwdriver to remove the transport cap of the oil fill opening.
2. Fill the compressor with oil as described in the chapter “Adding and changing oil”.
3. Check that the oil level is correct with the view window on the oil drain plug 12 (see **fig. F**).
4. Insert the oil plug in the oil fill opening and push it firmly into place.

Mounting the air filters

Before operating the compressor for the first time, you must mount the two air filters 2 to the right and left of the motor unit. To do so, proceed as follows (see **fig. D)**:

1. With a screwdriver, remove the two transport caps for the air filters to the right and left of the motor unit.
2. Screw an air filter on the threading to the right of the motor unit in a clockwise direction.
3. Screw an air filter onto the threading to the left of the motor unit.

Start-up

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, 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.
– If you place the compressor on an elevated surface, secure it so that it can not fall down.
– 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.
– During operation, always place the compressor on the rubber feet.
– 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.

Tip:
A pressure monitor controls 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 pressure tank increases uncontrollably, the safety valve will automatically open. Pulling the safety valve ring will open it manually. The air pressure in the compressed air tank will be released.

Tip:
This compressor is equipped with a pressure reducing mechanism. You can set the working pressure as needed. Many pneumatic tools require less pressure than the maximum pressure generated by this compressor.

Tip:
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 the compressor is fully assembled as described in the chapter "Preparations and assembly".
2. Check whether the mains voltage corresponds to the electrical data on the nameplate. The permissible variance amounts to no more than 5 %.
3. Make sure that the compressor is switched off and that the On/Off switch 19 is set to the "0" position (see **fig. G**).
4. Make sure that the drain cock for condensed water 5 is closed (see **fig. A**).
5. Check the oil level with the view window of the oil drain plug 12 and, if necessary, add oil as described in the chapter "Adding and changing oil".
6. Connect the mains plug to a properly installed socket.
7. Connect a pneumatic tool to the quick-coupling 14 so that it audibly locks into place (see **fig. A** and **H**).
   The adjustable operating pressure can be determined on the left quick coupling 14A and the tank pressure can be determined on the right quick coupling 14B (see **fig. H**).
8. Set the On/Off switch 19 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. To increase the operating pressure, turn the pressure regulator 16 clockwise. To reduce the pressure, turn the pressure regulator counterclockwise (see **fig. A** and **H**).

   You can read the set pressure on the operating pressure gauge 15.

   You can read the pressure of the air contained in the compressed air tank on the tank pressure gauge 17. The tank pressure cannot be adjusted.
10. To switch the compressor off, set the On/Off switch to the "0" position (push it down).
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, e.g. a blow gun.
13. Take the pneumatic tool off of the compressor by slightly pushing the quick coupling 14 back and pulling the pneumatic tool off (see **fig. A** and **H**).
14. Let the compressor cool off completely.
15. Clean the compressor as described in the chapter "Cleaning and maintenance".

Starting the compressor after an overload

The compressor is equipped with an overload switch. If the compressor is overloaded, the overload switch automatically deactivates it to protect the compressor from overheating. If the overload switch has triggered, proceed as follows:

1. Push the On/Off switch 19 down to switch the compressor off (see **fig. A** and **G**).
2. Wait until the compressor has cooled off.
3. Push the overload switch 1.
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.

- Before performing any cleaning and maintenance, completely depressurise the tank.
- 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.
- Pull the mains plug each time before you clean the device.
- Disconnect the hose and spraying tools from the compressor before cleaning.

⚠ WARNING!

Burn hazard!

The compressor will become hot during operation.

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

NOTICE!

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.

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.

Cleaning the compressor

1. Set the On/Off switch 19 to the "0" position by pulling it out slightly (see **fig. G**).
2. Disconnect the mains plug before cleaning.
3. Let the compressor cool off completely.
4. Vent the compressor via the connected pneumatic tool or the drain cock for condensed water 5 (see **fig. A**).
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. Wipe 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 the outside of the compressor. Make sure that no water or soap penetrates the inside of the device.
9. Let all parts dry completely.

Replacing and cleaning the air filters

NOTICE!

Risk of damage!

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

– Regularly replace the filter elements; this must be done once a year if it is operated in a clean environment. In dusty environments, the filter elements must be replaced more often.

Tip:
It is recommended 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 2 you intend to replace off of the motor unit by turning it counterclockwise (see **fig. A**).
– Replace the used air filter with an original spare part as described in the 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.
- 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 local regulations.

Proceed as follows to drain the condensed water:

1. Set the On/Off switch 19 to the "0" position (see **fig. G**).
2. Disconnect the mains plug before cleaning.
3. Let the compressor cool off completely.
4. Reduce the tank pressure to approx. 1 – 2 bar via a connected pneumatic tool (e.g. a blow gun).
5. Place a collecting container under the drain cock for condensed water 5 (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.
8. Close the drain cock for condensed water.

Repeat the process regularly depending on how much and how intensely you use the device (e.g. weekly).

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.
- Fill the compressor with no more than 175 ml of oil.

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.

Tip:
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.

Tip:
The crankcase is capable of holding approx. 175 ml of oil. You can determine the current oil level with the view window of the oil drain plug.

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Changing the oil

The compressor is shipped with the synthetic oil SAE 10W40. Completely replace the oil of the pump system after the first 100 hours of operation. You will need an open-ended spanner or a ring spanner with a width of AF 24.

1. Make sure that the compressor is switched off and the mains plug has been pulled.
2. Loosen the oil drain plug 12 with an open-ended spanner or a ring spanner (see **fig. A** and **F**).
3. Hold a collecting container, e.g. metal trough, under the oil drain plug and, if necessary, tip the compressor slightly so that all the oil drains out of the compressor.
4. Screw the oil drain plug back onto the compressor and tighten it with an open-ended spanner or a ring spanner.
5. Add new oil as described in the chapter “Adding oil”.

Adding oil

1. Make sure that the compressor is switched off and the mains plug has been pulled.
2. Pull the oil plug 20 out of the oil fill opening 23 (see **fig. A** and **D**).
3. Add as much oil so that the housing is covered with oil up to the red dot in the middle of the view window (see **fig. F**).
4. Insert the oil plug firmly into the oil fill opening.

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 device is damaged, have it replaced by a qualified specialist before using the device again.

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.
– Never tip the compressor by more than 10°.
– When transporting the compressor over longer distances, carry it on the two handles with the help of another person.
– Always use the handles for transport.
– Do not use any hooks or ropes to lift the compressor.

You can either carry the compressor or pull it on the two wheels.

Transport over longer distances:

– With the help of another person, take hold of the compressor by the handle 3 and the transport handle 18 (see **fig. A**).
– Hold the compressor so that it is straight.

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

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

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Storage

NOTICE!

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 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 of the compressor.
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. Only take hold of the compressor by the handle 3 and the transport handle 18 (see **fig. A**) in order to transport it.
6. Store the compressor on a dry, level surface in a dry room.

Troubleshooting

Problem	Cause	Solution
The compressor doesn't start.	No mains voltage is present.	– Check the cable, mains plug, safety valve and socket.
	The mains voltage is too low.	– Make sure that the mains voltage corresponds to the specification on the nameplate. – 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 oil".
	The motor has overheated. The overload protection has triggered.	– Let the motor cool off. If necessary, rectify the cause of overheating. – Reset the overload switch as described in the chapter "Starting the compressor after an overload".
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.

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Problem	Cause	Solution
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 customer service.
	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.
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. The following data should be provided when ordering spare parts:

- Device type
- EH product number of the device (see data plate)
- The identity number of the device (see data plate)
- Spare part number of the required spare part

You can find current prices and information at www.isc-gmbh.info

Spare part list

Item	Description	Spare part number
17	Oil plug	401043001001
37	Air filter	401043001002
67	Drain valve	401043001003
73	Safety valve	401043001004
74	Universal quick coupling	401043001005
75	Pressure gauge	401043001006
76	Automatic pressure switch	401043001007

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Technical data

Model:	WAC 3050/1
Nominal voltage:	230 V ~
Nominal frequency:	50 Hz
Input power:	2.2 kW
Idle speed n_0:	2850 rpm
IP code compressor:	IP20
IP code motor:	IP23
Tank contents:	50 litres
Theoretical suction capacity:	412 l/min
Max. operating pressure:	8.0 bar
Sound power level L_{WA}:	96 dB(A)
Sound pressure level: L_{pA}:	74 dB
Uncertainty K:	2 dB
Device weight:	42 kg
Article number:	92989

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 device could produce temporarily fluctuations in voltage.
- The compressor is only designated for use with connection points that

  a) do not exceed a maximum permissible grid impedance Z sys = 0.277 Ω,

  or

  b) have a continuous grid current-carrying capacity of at least 100 A per phase.

- As the user, you must ensure, if necessary as coordinated with your local energy utility, that the connection point you intend to use for the operation of your compressor fulfils one of the two specified requirements a) or b).

Disposal

Disposing of the packaging

Dispose of the packaging separated into single type materials. Dispose of cardboard and carton as waste paper and foils 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!
If the compressor can no longer be used, every user is required by law **to dispose of old appliances separately from their household waste**, e.g. at a collection point in his community/borough. This ensures that old devices are recycled in a professional manner and also rules out negative consequences for the environment. For this reason, electrical devices are marked with the above symbol.

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Declaration of conformity

Einhell Germany AG · Wiesenweg 22 · D-94405 Landau/Isar

CE

Konformitätserklärung

D erklärt folgende Konformität gemäß EU-Richtlinie und Normen für Artikel
GB explains the following conformity according to EU directives and norms for the following product
F déclare la conformité suivante selon la directive CE et les normes concernant l'article
I dichiara la seguente conformità secondo la direttiva UE e le norme per l'articolo
NL verklaart de volgende overeenstemming conform EU richtlijn en normen voor het product
E declara la siguiente conformidad a tenor de la directiva y normas de la UE para el artículo
P declara a seguinte conformidade, de acordo com a directiva CE e normas para o artigo
DK attesterer følgende overensstemmelse i medfør af EU-direktiv samt standarder for artikel
S förklarar följande överensstämmelse enl. EU-direktiv och standarder för artikeln
FIN vakuuttaa, että tuote täyttää EU-direktiivin ja standardien vaatimukset
EE tõendab toote vastavust EL direktiivile ja standarditele
CZ vydává následující prohlášení o shodě podle směrnice EU a norem pro výrobek
SLO potrjuje sledečo skladnost s smernico EU in standardi za izdelek
SK vydáva nasledujúce prehlásenie o zhode podľa smernice EÚ a noriem pre výrobok
H a cikkekhez az EU-irányvonal és Normák szerint a következő konformitást jelenti ki
PL deklaruje zgodność wymienionego poniżej artykułu z następującymi normami na podstawie dyrektywy WE.
BG декларира съответното съответствие съгласно Директива на ЕС и норми за артикул
LV paskaidro šādu atbilstību ES direktīvai un standartiem
LT apibūdina šį atitikimą EU reikalavimams ir prekės normoms
RO declară următoarea conformitate conform directivei UE şi normelor pentru articolul
GR δηλώνει την ακόλουθη συμμόρφωση σύμφωνα με την Οδηγία ΕΚ και τα πρότυπα για το προϊόν
HR potvrđuje sljedeću usklađenost prema smjernicama EU i normama za artikl
BIH potvrđuje sljedeću usklađenost prema smjernicama EU i normama za artikl
RS potvrđuje sledeću usklađenost prema smernicama EZ i normama za artikal
RUS следующим удостоверяется, что следующие продукты соответствуют директивам и нормам ЕС
UKR проголошує про зазначену нижче відповідність виробу директивам та стандартам ЄС на виріб
MK ја изјавува следната сообрзност согласно ЕУ-директивата и нормите за артикли
TR Ürünü ile ilgili AB direktifleri ve normları gereğince aşağıda açıklanan uygunluğu belirtir
N erklærer følgende samsvar i henhold til EU-direktivet og standarder for artikkel
IS Lýsir uppfyllingu EU-reglna og annarra staðla vöru

Compressor WAC 3050/1 (Workzone)

- [X] **87/404/EC_2009/105/EC**
- [ ] **2005/32/EC_2009/125/EC**
- [ ] **2006/95/EC**
- [ ] **2006/28/EC**
- [X] **2004/108/EC**
- [ ] **2004/22/EC**
- [ ] **1999/5/EC**
- [X] **97/23/EC**
- [ ] **90/396/EC_2009/142/EC**
- [ ] **89/686/EC_96/58/EC**
- [X] **2011/65/EU**

- [X] **2006/42/EC**
  - [ ] **Annex IV**
    Notified Body:
    Notified Body No.:
    Reg. No.:
- [X] **2000/14/EC_2005/88/EC**
  - [ ] **Annex V**
  - [X] **Annex VI**
    Noise: measured L_{WA} = 94 dB (A); guaranteed L_{WA} = 96 dB (A)
    P = 2.2 KW; L/Ø = cm
    Notified Body: TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg, Germany
- [ ] **2004/26/EC**
  Emission No.:

Standard references: EN 1012-1; EN 60204-1; EN 55014-1; EN 55014-2; EN 61000-3-2; EN 61000-3-11

Landau/Isar, den 17.07.2015

Weichselgartner/General-Manager

Schunk/Product-Management

First CE: 14
Art.-No.: 40.104.34 I.-No.: 11025
Subject to change without notice

Archive-File/Record: NAPR013065
Documents registrar: Daniel Laubmeier
Wiesenweg 22, D-94405 Landau/Isar

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GB IRE

WORKZONE® WARRANTY CARD

3 HP 50 L AIR COMPRESSOR WAC 3050/1

Your details:

Name _____

Address _____

_____

_____

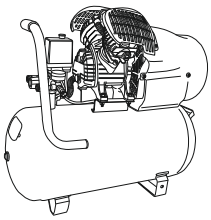
☎ _____ E-mail _____

Date of purchase* _____

* We recommend you keep the receipt with this warranty card.

Location of purchase _____

Description of malfunction:



If after contacting the manufacturer you are requested to return the faulty product please return the completed warranty card together with it.

Einhell UK Ltd.
Unit 9
Stadium Court
Wirral International Business Park
Plantation Road
Bromborough
Wirral, CH62 3QG
sales@einhell.co.uk

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MODELL: WAC 3050/1 PRODUCT CODE: 92989 03/2016

Call charges from your regular landline operator. No additional costs.

3 YEARS WARRANTY

Warranty conditions

Dear Customer,

The **ALDI warranty** offers you extensive benefits:

Warranty period:	**3 years** from date of purchase.
Costs:	Free repair/exchange. No transport costs.
ADVICE:	Please contact our service hotline by phone, e-mail or fax before sending in the device. This allows us to provide support in the event of possible operator errors.

In order to make a claim under the warranty, please send us:

- the faulty item together with the original purchase receipt and the completed warranty card.
- the product with all components included in the packaging.

The warranty does not cover damage caused by:

- **Accident** or **unanticipated events** (e.g. lightning, water, fire).
- **Improper use** or **transport**.
- **Disregard of the safety** and **maintenance instructions.**
- Other **improper treatment** or **modification**.

After the expiry of the warranty period, you still have the possibility to have your product repaired at your own expense. If the repair or the estimate of costs is not free of charge you will be informed accordingly in advance.

This warranty does not affect your statutory rights.

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

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MODEL: WAC 3050/1 PRODUCT CODE: 92989 03/2016

3 YEARS WARRANTY