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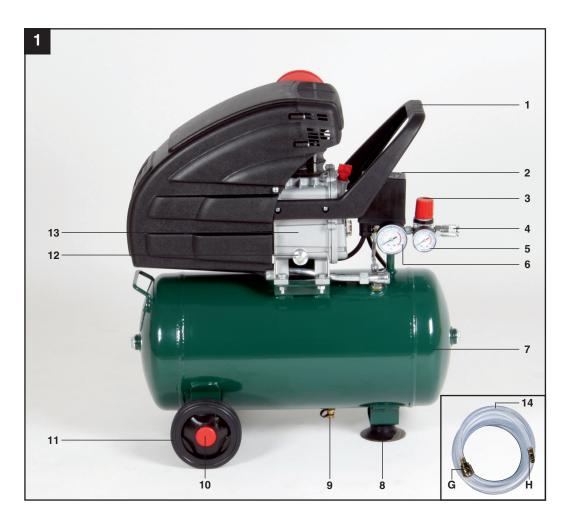
Before reading, unfold the page containing the illustrations and familiarise yourself with all functions of the device.

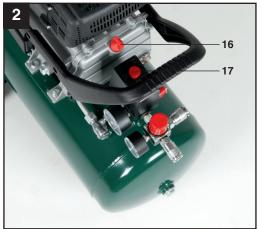
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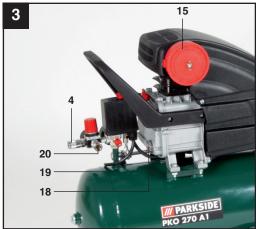
Operation and Safety Notes

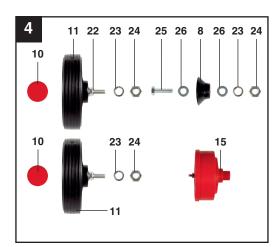
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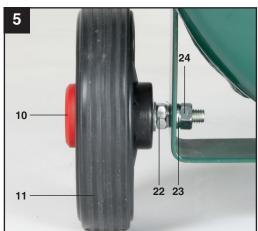
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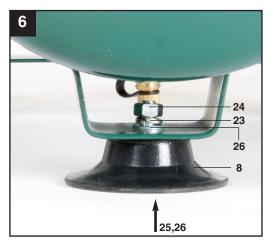












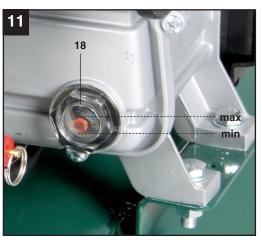




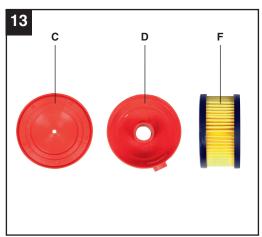


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Subject to technical changes



Additional safety instructions



Note the instructions for use!



Wear ear-muffs.



Beware of electrical voltage



Beware of hot parts



Warning! The equipment is remote-controlled and may start-up without warning.



1. Introduction

△ Important.

When using the equipment, a few safety precautions must be observed to avoid injuries and damage. Please read the complete operating manual with due care. Keep this manual in a safe place so that the information is available at all times. If you give the equipment to any other person, give them these operating instructions as well. We cannot accept any liability for damage or accidents which arise due to a failure to follow these instructions and the safety information.

2. Safety information

△ IMPORTANT

Read all the safety regulations and instructions. Any errors made in following the safety regulations and instructions may result in an electric shock, fire and/or serious injury. Keep all safety regulations and instructions in a safe place for future use.

2.1 Safety information

actions must be taken when using this compressor in order to protect the user from electric shocks and the risk of injury

Read and follow these instructions before using the equipment.

- Keep your work area tidy Untidy work areas can result in accidents.
- Make allowance for ambient conditions Do not expose the compressor to rain. Never use the compressor in damp or wet locations. There is a risk of electric shock! Provide good lighting. Do not use the compressor near flammable liquids or gases. There is a risk of explosion!
- **Guard against electric shock** Avoid bodily contact with earthed parts (e.g. pipes, radiators, cookers and refrigerators).

Keep children away

Do not allow other persons to touch the compressor or cable, keep them away from your work area.

- Keep your compressor in a safe place When not in use, the compressor must be stored in a dry, locked room out of children's reach.
- Do not overload your compressor. It will work better and safer when used within its quoted capacity range.
- Wear suitable work clothes Never wear loose fitting clothes or jewelry. They may get caught in moving parts. Rubber gloves and non-slip shoes are
- recommended when working outdoors. Wear a hair net if you have long hair. Risk of injury. Do not use the cable for purposes other
- than that for which it is designed.

Do not carry the compressor by its cable and do not use the cable to pull the plug out of the socket. Protect the cable from heat, oil and sharp edges. The cable/plug could become damaged.

Take care of your compressor.

Keep your compressor clean to ensure that it works efficiently and safely. Follow the maintenance instructions. Check the power plug and cable on a regular basis and have them replaced by an authorized specialist if they are damaged. Check the extension cable regularly and replace it if damaged.

Pull the power plug

When the equipment is not in use and before carrying out any maintenance work.

- **Avoid unintentional starting** Make sure that the switch is turned off when connecting the equipment to the power supply.
- When using an extension cable outdoors

Check that it is approved for outdoor duty and is marked accordingly.

Be alert at all times

Keep an eye on your work. Use common sense when working. Never use the compressor when you are distracted.

Check the compressor for damage Before using the compressor again, check the safety devices or any slightly damaged parts to ensure that they are in good working order. Check that the moving parts are working correctly, that they do not jam, and that no parts are damaged. Make sure that all parts are fitted correctly to ensure that the equipment remains safe to use. Unless otherwise stated in the operating instructions, damaged guards and parts have to be repaired or replaced by a customer service workshop. Damaged switches have to be replaced by a customer service workshop. Never use an electric power tool with a switch that cannot be turned on and off.

■ Important.

For your own safety you must only use the accessories and additional units listed in the operating instructions or recommended or specified by the manufacturer. The use of mounted tools or accessories other than those recommended in the operating instructions or catalog may place your personal safety at risk.

Repairs may only be carried out by a qualified electrician

Repair work must only be carried out by a trained electrician, otherwise the equipment may cause accidents.

■ Noise

Use ear muffs when you use the compressor.

Replacing the power cable

To prevent injury, damaged power cables may only be replaced by the manufacturer or a qualified electrician. There is a risk of electric shock!

■ Filling tires

Directly after filling tires, check the pressure with a suitable pressure gauge, for example at your filling station.

Roadworthy compressors for building site operations

Make sure that all lines and fittings are suitable for the maximum permissible operating pressure of the compressor.

Place of installation

Set up the compressor on an even surface.

2.2 Safety instructions for working with compressed air and blow-out pistols

 The compressor pump and lines can become very hot during operation.
 Touching these parts will burn you.

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- The air which is sucked in by the compressor must be kept free of impurities that could cause fires or explosions in the compressor pump.
- When releasing the hose coupling, hold the hose coupling piece with your hand. This way, you can protect yourself against injury from the rebounding hose.
- Wear safety goggles when working with the blow-out pistol. Foreign bodies or blown off parts can easily cause injuries.
- Do not blow at people with the blow-out pistol or clean clothes while on the body. Risk of injury.

2.3. Safety information for paint spraying

- Do not process any paints or solvents with a flash point below 55° C. There is a risk of explosion!
- Do not heat up paints or solvents. There is a risk of explosion!
- If hazardous liquids are processed, wear protective filter units (face guards). Also, adhere to the safety information provided by the manufacturers of such liquids.
- The details and designations of the Ordinance on Hazardous Substances, which are displayed on the outer packaging of the processed material, must be observed. Additional protective measures are to be undertaken if necessary, particularly the wearing of suitable clothing and masks.
- Do not smoke during the spraying process and/or in the work area. There is a risk of explosion! Paint vapors are easily combustible.
- Never set up or operate the equipment in the vicinity of a fire place, open lights or sparking machines.
- Do not store or eat food and drink in the work area. Paint vapors are harmful to your health.
- The work area must exceed 30 m³ and sufficient ventilation must be ensured during



- spraying and drying. Do not spray against the wind. Always adhere to the regulations of the local police authority when spraying combustible or hazardous materials.
- Do not process media such as white spirit, butyl alcohol and methylene chloride with the PVC pressure hose. These media will destroy the pressure hose.

2.4 Operating pressure vessels

- You must keep your pressure vessel in good working order, operate the vessel correctly, monitor the vessel, carry out necessary maintenance and repair work immediately and meet the relevant safety precautions.
- The supervisory authority may enforce essential control measures in individual
- A pressure vessel is not allowed to be used if it has faults or deficiencies that can endanger workers or third parties.
- Check the pressure vessel for signs of rust and damage each time before using. Do not use the compressor with a damaged or rusty pressure vessel. If you discover any damage, then please contact the customer service workshop.

Do not lose this safety information.

3. Layout

- 1. Transport handle
- 2. Pressure switch
- Pressure regulator
- 4. Quick-lock coupling (regulated compressed air)
- 5. Pressure gauge (for reading the preset vessel pressure)
- 6. Pressure gauge (for reading the vessel pressure)
- 7. Pressure vessel
- 8. Supporting foot
- 9. Drain plug for condensation water
- 10. Hub cap
- 11. Wheel
- 12. Oil drain plug

- 13. Compressor pump
- 14. Compressed air hose
- 15. Air filter
- 16. Oil sealing plug
- 17. ON/OFF switch
- 18. Oil level window
- 19. Safety valve
- 20. Quick-lock coupling (unregulated compressed air)
- 21. Oil filler opening
- 22. Nut (self-locking)
- 23. Spring washer
- 24. Nut
- 25. Screw
- 26. Washer

4. Intended use

The compressor is designed to generate compressed air for compressed-air driven tools which can be driven with an air volume of up to approx. 270 l/min (e.g. tire inflator, blow-out pistol and paint spray gun). Due to the limited air output it is not possible to use the compressor to drive tools with very high air consumption (for example orbital sanders, rod grinders and hammer screwdrivers).

The equipment may only be used for the tasks it is designed to handle. Any other use is deemed to be a case of misuse. The user/operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the equipment is used in commercial, trade or industrial businesses or for equivalent purposes.

5. Technical data

Mains connection:	230 V ~ 50 Hz
Motor rating kW:	1.8 kW
Mode of operation	S1
Compressor speed min ⁻¹ :	2850
Operating pressure bar:	max. 8
Pressure vessel capacity (in liter	s): 24
Theoretical suction power I/min.:	approx. 270
Sound power level L _{WA} in dB:	94
K _{WA} uncertainty	4 dB
Protection type:	IP20
Weight of the unit in kg:	26,5
Oil (15W 40)	0.31

6. Before starting the equipment

- Check the equipment for damage which may have occurred in transit. Report any damage immediately to the transport company used to deliver the compressor.
- Install the compressor in the vicinity of the point of consumption.
- Avoid long air lines and supply lines (extension cables).
- Make sure that the intake air is dry and dust-free.
- Do not install the compressor in a damp or wet room.
- The compressor may only be used in suitable rooms (with good ventilation and an ambient temperature from +5 °C to 40 °C). There must be no dust, acids, vapors, explosive gases or inflammable gases in the room.
- The compressor is designed to be used in dry rooms. It is prohibited to use the compressor in areas where work is conducted with sprayed water.
- The oil level in the compressor pump has to be checked before putting the equipment into operation (see 9.4).

7. Assembly and starting

△ Important.

Remove the transportation braces (between the compression pump and cladding) prior to initial start-up. If the transportation braces are not removed, heat can build up and cause the compressor to ignite.

△ Important.

You must fully assemble the appliance before using it for the first time.

You will require the following tools for assembly and installation:

2 x open-ended wrench size 13 mm (not included)

7.1 Fitting the wheels (11)

Fit the supplied wheels as shown in Figure 5.

7.2 Fitting the supporting foot (8)

Fit the supplied supporting foot as shown in Figure 6.

7.3 Fitting the air filter (15)

Remove the transportation stop (B) and screw the air filter (15) to the equipment. (Fig. 7, 8).

7.4 Changing the transportation cover (A)

Remove the transportation cover from the oil filler opening (21) and insert the supplied oil sealing plug (16) into the oil filler opening. (Fig. 9,10).

7.5 Mains connection

- The compressor is equipped with a mains cable with shock-proof plug. This can be connected to any 230V ~ 50 Hz shock-proof socket which is protected by a 13 A fuse.
- Before you use the machine, make sure that the mains voltage complies with the specifications on the rating plate.
- Long supply cables, extensions, cable reels etc. cause a drop in voltage and can impede motor start-up.
- In the case of low temperatures below +5°C, motor start-up is jeopardized as a



result of stiffness.

7.6 ON/OFF switch (Fig. 2)

Pull the ON/OFF switch (17) upwards to switch on the compressor. To switch off the compressor, press the ON/OFF switch down.

7.7 Adjusting the pressure: (Fig. 1,3).

- You adjust the pressure on the pressure gauge (5) using the pressure regulator (3).
- The set pressure can be taken from the guick-lock coupling (4).
- The vessel pressure can be read on the pressure gauge (6).
- The vessel pressure can be taken from the quick-lock coupling (20).

7.8 Adjusting the pressure switch (Fig. 1)

The pressure switch (2) is set at the factory. Cut-in pressure approx. 6 bar Cut-out pressure approx. 8 bar

7.9 Fitting the compressed air hose (Fig. 1, 3)

Use the compressed air hose (14) if you intend to carry out work at a greater distance from the compressor. To do so, connect the nipple (H) on the compressed air hose to one of the quick-release couplings (4, 20). Then attach the compressed air tool to the quick-release coupling (G) on the compressed air hose.

8. Replacing the power cable

If the power cable for this equipment is damaged, it must be replaced by the manufacturer or its after-sales service or similarly trained personnel to avoid danger.

9. Cleaning, maintenance, ordering of spare parts and storage

⚠ Important.

Pull the power plug before doing any cleaning and maintenance work on the appliance.

Risk of injury by electric shock.

△ Important.

Wait until the equipment has cooled down completely. Risk of burns!

△ Important.

Always depressurize the equipment before carrying out any cleaning and maintenance work. Risk of injury.

9.1 Cleaning

- Keep the equipment free of dirt and dust as far as possible. Wipe the equipment with a clean cloth or blow it down with compressed air at low pressure.
- We recommend that you clean the equipment immediately after you use it.
- Clean the equipment regularly with a damp cloth and some soft soap. Do not use cleaning agents or solvents; these may be aggressive to the plastic parts in the equipment. Ensure that no water can get into the interior of the equipment.
- You must disconnect the hose and any spraying tools from the compressor before cleaning. Do not clean the compressor with water, solvents or the like.

9.2 Maintenance work on the pressure vessel (Figure 1)

Important. To ensure a long service life of the pressure vessel (7), drain off the condensed water by opening the drain plug (9) each time after using. Release the vessel pressure. Check the pressure vessel for signs of rust and damage each time before using. Do not use the compressor with a damaged or rusty pressure vessel. If you discover any damage, then please contact the customer service workshop.

△ Important.

The condensation water from the pressure vessel will contain residual oil. Dispose of the condensation water in an environmentally compatible manner at the appropriate collection point.

9.3 Safety valve (Figure 3)

The safety valve (19) has been set for the highest permitted pressure of the pressure vessel. It is prohibited to adjust the safety valve or remove its seal. Actuate the safety valve from time to time to ensure that it works when required. Pull the ring with sufficient force until you can hear the compressed air being released. Then release the ring again.

9.4 Check the oil level at regular intervals (Figure 11)

Place the compressor on a level and straight surface. The oil level must be between the two marks MAX and MIN on the oil level window (Fig. 18). Changing the oil: Recommended oil: SAE 15W 40 or an alternative of the same quality. Oil should be refilled for the first time after 100 hours of operation; thereafter the oil should be drained and refilled after every 500 hours in service.

9.5 Changing the oil (Figure 1,10, 11)

Switch off the engine and pull the mains plug out of the socket. After releasing any air pressure you can unscrew the oil drain plug (12) from the compressor pump (13). To prevent the oil from running out in an uncontrolled manner, hold a small metal chute under the opening and collect the oil in a vessel. If the oil does not drain out completely, we recommend tilting the compressor slightly. When the oil has drained out, refit the oil drain plug (12).

Dispose of the old oil at a drop-off point for old oil.

To fill in the correct quantity of oil, ensure that the compressor stands on an even surface. Fill new oil through the oil filler opening (21) until it comes up to the maximum level. This is marked with a red dot on the oil level window (18) (Figure 11). Do not exceed the maximum filling quantity. Overfilling the equipment may result in damage. Refit the oil sealing plug (16) into the oil filler opening (21).

9.6 Cleaning the intake filter (Figure 3, 12, 13)

The intake filter prevents dust and dirt being drawn in. It is essential to clean this filter after at least every 300 hours in service. A clogged intake filter will decrease the compressor's performance dramatically. Open the thumb screw (E) to the remove the intake filter. Then pull off the filter cover (C). Now you can remove the air filter (F) and the filter housing (D). Carefully tap out the air filter, filter cover and filter housing. Then blow out these parts with compressed air (approx. 3 bar) and reinstall in reverse order.

9.7 Storage

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△ Important.

Pull the mains plug out of the socket and ventilate the appliance and all connected pneumatic tools. Switch off the compressor and make sure that it is secured in such a way that it cannot be started up again by any unauthorized person.

△ Important.

Store the compressor only in a dry location which is not accessible to unauthorized persons.

Always store upright, never tilted! Oil may leak out!

9.8 Ordering replacement parts

Please provide the following information on all orders for spare parts:

- Model/type of the equipment
- Article number of the equipment
- ID number of the equipment

For our latest prices and information please go to www.isc-gmbh.info



10. Disposal and recycling

The equipment is supplied in packaging to prevent it from being damaged in transit. The raw materials in this packaging can be reused or recycled. The equipment and its accessories are made of various types of material, such as metal and plastic. Defective components must be disposed of as special waste. Ask your dealer or your local council.



For EU countries only

Never place any electric power tools in your household refuse.

To comply with European Directive 2002/96/EC concerning old electric and electronic equipment and its implementation in national laws, old electric power tools have to be separated from other waste and disposed of in an environment-friendly fashion, e.g. by taking to a recycling depot.

Recycling alternative to the return request: Instead of returning the equipment to the manufacturer, the owner of the electrical equipment is obliged to ensure that the equipment is properly disposed of if he abandons ownership. The old equipment can be returned to a suitable collection point, that will dispose of the equipment in accordance with the national recycling and waste disposal regulations. This does not apply to any accessories or aids without electrical components supplied with the old equipment.

11. Possible causes of failure

Problem	Cause	Solution
The compressor does not start.	1. No supply voltage.	Check the supply voltage, the power plug and the socket-outlet.
	2. Insufficient supply voltage.	Make sure that the extension cable is not too long. Use an extension cable with large enough wires.
	3. Outside temperature is too low.	3. Never operate with an outside temperature of below +5° C.
	4. Motor is overheated.	4. Allow the motor to cool down. If necessary, remedy the cause of the overheating.
The compressor starts but there is no pressure.	1. The non-return valve leaks.	Replace the non-return valve.
	2. The seals are damaged.	Check the seals and have any damaged seals replaced by a service center.
	3. The drain plug for condensation water (9) leaks.	Tighten the screw by hand. Check the seal on the screw and replace if necessary.
The compressor starts, pressure is shown on the pressure gauge, but the tools do not start.	1. Loose hose connections.	Check the compressed air hose and tools and replace if necessary.
tools do not start.	2. Leak in a quick-lock coupling.	Check the quick-lock coupling and replace if necessary.
	3. Insufficient pressure set on the pressure regulator (3).	3. Increase the set pressure with the pressure regulator.



12. Declaration of conformity

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

Konformitätserklärung

- erklärt folgende Konformität gemäß EU-Richtlinie und Normen für Artikel
- explains the following conformity according to EU directives and norms for the following product
- déclare la conformité suivante selon la directive CE et les normes concernant l'article
- dichiara la seguente conformità secondo la direttiva UE e le norme per l'articolo
- verklaart de volgende overeenstemming conform EU
- ichtilijn en normen voor het product
 ie declara la siguiente conformidad a tenor de la directiva y normas de la UE para el artículo
- declara a seguinte conformidade, de acordo com a directiva CE e normas para o artigo
- attesterer f
 ølgende overensstemmelse i medf
 ør af EU-direktiv samt standarder for artikel
- s förklarar följande överensstämmelse enl. EU-direktiv och standarder för artikeln
- 📵 vakuuttaa, että tuote täyttää EU-direktiivin ja standardien
- tõendab toote vastavust EL direktiivile ja standarditele
- vydává následující prohlášení o shodě podle směrnice EU a norem pro výrobek
- potrjuje sledečo skladnost s smernico EU in standardi za izdelek
- vydáva nasledujúce prehlásenie o zhode podľa smernice EÚ a noriem pre výrobok
- a cikkekhez az EU-irányvonal és Normák szerint a következő konformitást jelenti ki

- deklaruje zgodność wymienionego poniżej artykułu z następującymi normami na podstawie dyrektywy WE.
- декларира съответното съответствие съгласно Директива на ЕС и норми за артикул
- w paskaidro šādu atbilstību ES direktīvai un standartiem
- apibūdina šį atitikimą EU reikalavimams ir prekės normoms
- declară următoarea conformitate conform directivei UE şi normelor pentru articolul
- δηλώνει την ακόλουθη συμμόρφωση σύμφωνα με την
- Οδηγία ΕΚ και τα πρότυπα για το προϊόν
- potvrđuje sljedeću usklađenost prema smjernicama EU i normama za artikl
- potvrđuje sljedeću usklađenost prema smjernicama EU i normama za artikl
- potvrđuje sledeću usklađenost prema smernicama EZ i normama za artikal
- следующим удостоверяется, что следующие
 продукты соответствуют директивам и нормам ЕС
- проголошує про зазначену нижче відповідність
 проголошує про зазначену нішть проголошує прого
- виробу директивам та стандартам ЄС на виріб
- ја изјавува следната сообрзност согласно ЕУ-директивата и нормите за артикли
- Ürünü ile ilgili AB direktifleri ve normları gereğince aşağıda açıklanan uygunluğu belirtir
- erklærer følgende samsvar i henhold til EU-direktivet og standarder for artikkel
- s Lýsir uppfyllingu EU-reglna og annarra staðla vöru

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× 2009/105/EC	× 2006/42/EC			
2006/95/EC	Annex IV			
2006/28/EC	Notified Body: Notified Body No.:			
2005/32/EC	Reg. No.:			
× 2004/108/EC	x 2000/14/EC_2005/88/EC			
2004/22/EC	Annex V			
1999/5/EC	Annex VI Noise: measured L _{WA} = 90 dB (A); guaranteed L _{WA} = 94 dB (A)			
× 97/23/EC	P = 1,8 KW; Notified Body: TÜV Rheinland			
90/396/EC	□ 2004/26/EC			
89/686/EC_96/58/EC	Emission No.:			
Standard references: EN 1012-1; EN 60204-1; EN 55014-1; EN 55014-2; EN 61000-3-2; EN 61000-3-3				
Landau/Isar, den 25.01.2010	Weichselgartner/General-Manager Wang/Product-Management Wang/Product-Management			

First CE: 10

Art.-No.: 40.103.65 I.-No.: 11010 Subject to change without notice Archive-File/Record: 4010360-10-4142860-10 Documents registrar: Siegfried Roider Wiesenweg 22, D-94405 Landau/Isar



13. GUARANTEE CERTIFICATE

Dear Customer,

All of our products undergo strict quality checks to ensure that they reach you in perfect condition. In the unlikely event that your device develops a fault, please contact our service department at the address shown on this guarantee card. Of course, if you would prefer to call us then we are also happy to offer our assistance under the service number printed below. Please note the following terms under which guarantee claims can be made:

- These guarantee terms cover additional guarantee rights and do not affect your statutory warranty rights.
 We do not charge you for this guarantee.
- 2. Our guarantee only covers problems caused by material or manufacturing defects, and it is restricted to the rectification of these defects or replacement of the device. Please note that our devices have not been designed for use in commercial, trade or industrial applications. Consequently, the guarantee is invalidated if the equipment is used in commercial, trade or industrial applications or for other equivalent activities. The following are also excluded from our guarantee: compensation for transport damage, damage caused by failure to comply with the installation/assembly instructions or damage caused by unprofessional installation, failure to comply with the operating instructions (e.g. connection to the wrong mains voltage or current type), misuse or inappropriate use (such as overloading of the device or use of non-approved tools or accessories), failure to comply with the maintenance and safety regulations, ingress of foreign bodies into the device (e.g. sand, stones or dust), effects of force or external influences (e.g. damage caused by the device being dropped) and normal wear resulting from proper operation of the device. This applies in particular to rechargeable batteries for which we nevertheless issue a guarantee period of 12 months.

The guarantee is rendered null and void if any attempt is made to tamper with the device.

- 3. The guarantee is valid for a period of 3 years starting from the purchase date of the device. Guarantee claims should be submitted before the end of the guarantee period within two weeks of the defect being noticed. No guarantee claims will be accepted after the end of the guarantee period. The original guarantee period remains applicable to the device even if repairs are carried out or parts are replaced. In such cases, the work performed or parts fitted will not result in an extension of the guarantee period, and no new guarantee will become active for the work performed or parts fitted. This also applies when an on-site
- 4. In order to assert your guarantee claim, please send your defective device postage-free to the address shown below. Please enclose either the original or a copy of your sales receipt or another dated proof of purchase. Please keep your sales receipt in a safe place, as it is your proof of purchase. It would help us if you could describe the nature of the problem in as much detail as possible. If the defect is covered by our guarantee then your device will either be repaired immediately and returned to you, or we will send you a new device.

Of course, we are also happy offer a chargeable repair service for any defects which are not covered by the scope of this guarantee or for units which are no longer covered. To take advantage of this service, please send the device to our service address.

Einhell UK Ltd Morpeth Wharf Twelve Quays Birkenhead, Wirral CH41 1LF

Tel. 0151 6491500, Fax 0151 6491501

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Last Information Update: 05/2010 Ident.-No.: 40.103.65 052010 - 6

