



concept KV0800 Mobile Air Conditioning Unit Instruction Manual

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concept KV0800 Mobile Air Conditioning Unit



ACKNOWLEDGEMENTS

Thank you for purchasing a Concept product. We wish you much joy with your new appliance every day you use it. Please read the instruction manual carefully before initial use. To refer to this manual any time you need to, we recommend you to keep it in a safe place. And please pass it to any future owner of the appliance.

Technical specifications		
	KV0800	KV1000
Voltage	220 – 240 V ~ 50 Hz	220 – 240 V~ 50 Hz
Input	900 W	1120 W
Sound level	61 dB (A)	61 dB (A)

IMPORTANT SAFETY PRECAUTIONS

- Read these instructions carefully before using the appliance.
- Do not use the appliance in any other way than as described in this manual.

- Remove all the covering and marketing materials from the appliance before the first use.
- Make sure the mains voltage corresponds to the values on the rating plate of the product.
- The appliance is intended for indoor use only.
- The installation must be carried out in accordance with the regulations of the country where the appliance is used. If you have any doubts about the suitability of your power supply, have it checked and, if necessary, repaired by a qualified electrician.
- Disconnect the appliance from the power supply before disassembly, assembly or cleaning.
- Do not touch the moving parts of the appliance.
- Never insert fingers, pencils or other objects through the protective covers.
- Do not leave children unattended with the appliance.
- Do not clean the unit by spraying or immersing it in water.
- Never connect the unit to an electrical outlet with an extension cord.
- Never use this appliance if it has a damaged cord or plug. Make sure the power cord is not too tight or exposed to sharp objects/edges.
- A damaged power cord must be replaced by the manufacturer or a qualified electrician to avoid danger
- Any service other than regular cleaning or replacement of the filter should be performed by an authorized service representative. Failure to do so may void your warranty.
- Do not use the appliance for purposes other than those for which it is intended.
- The air conditioning unit must always be stored and transported in a vertical position, otherwise irreparable damage to the compressor may occur. In case of doubt, we recommend waiting at least 24 hours before switching on the appliance.
- Avoid switching on the air conditioning unit again if 3 minutes have not elapsed since it was switched off. This will prevent damage to the compressor.
- Never use the mains plug as a switch to switch the air conditioning unit on and off.
- Use the installed power switch located on the control panel.
- Always place the appliance on a dry and stable surface.
- The appliance should not be installed in a laundry room or other damp rooms.
- The appliance must be placed in a room without sources of ignition (for example an open flame, a switched-on gas appliance or a switched-on the electric heater).
- R290 refrigerant gas complies with European environmental directives.
- The air conditioning unit contains about 280 g of R290 refrigerant gas.
- If the appliance is installed, used or stored in an unventilated room, the room must be such as to prevent the accumulation of any escaping refrigerant gas, as there is a risk of fire or explosion if the refrigerant comes into contact with electric heaters, stoves or other sources of ignition.
- The refrigerant gas may be odorless.
- Do not use the product and contact your dealer if the appliance is damaged and the cooling system could be endangered.
- Do not repair the appliance yourself. Contact an authorized service center.
- This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the use of the appliance in a safe way and understand the hazards involved. Cleaning and maintenance performed by the user must not be carried out by children unless they are at least 8 years old and under supervision. Children aged under 8 years of age must be kept away from the appliance and its power

cord. Do not let children play with the appliance.

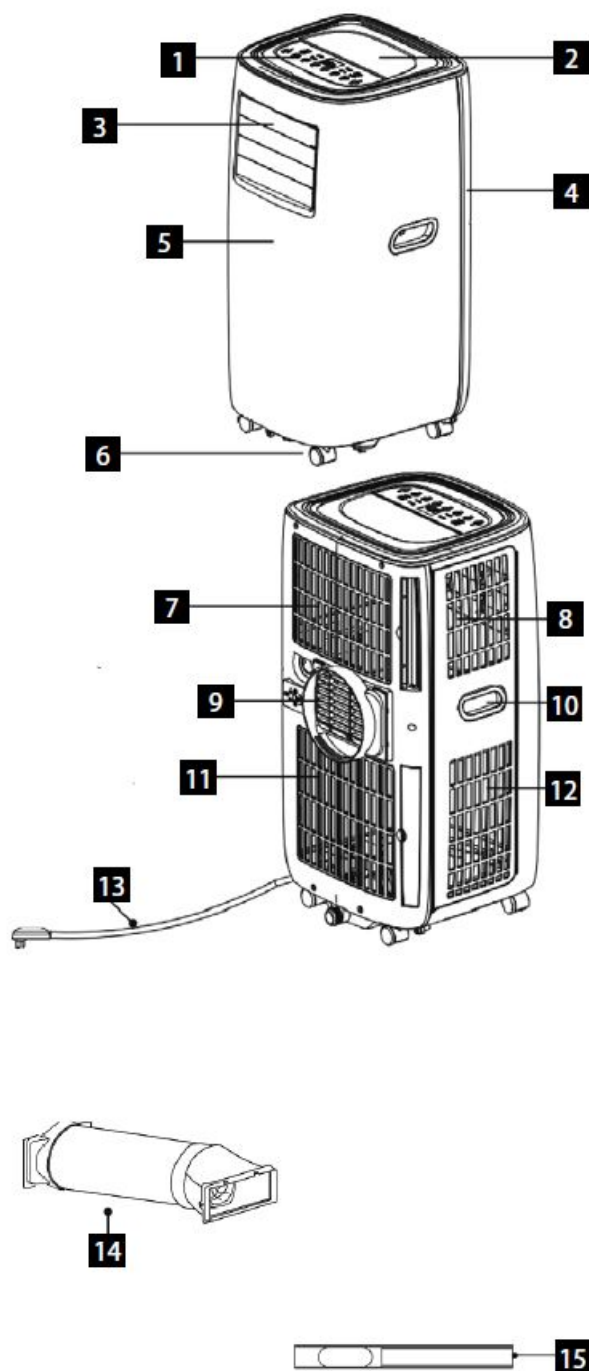
- Persons with reduced mobility, reduced sensory perception, mental disadvantage or persons not familiar with the operation must use the appliance only under the supervision of a responsible person and a person familiar with the operation.
- Care should be taken when using the appliance near children.
- Do not use the appliance as a toy

ENERGY-SAVING AND SAFETY TIPS

- Do not obstruct or restrict the flow of air through the outlet and inlet grilles.
- For maximum performance, the minimum distance from the wall or object should be 50 cm.
- Keep the filters clean. Under normal conditions, filters should only be cleaned once every three weeks (approximately). Because filters remove particles dispersed in the air, more frequent cleaning may be necessary depending on the air quality.
- For the initial start-up, set the fan speed to maximum and the thermostat to a temperature 4-5 degrees lower than the current temperature. Then switch the fan switch to low speed and set the thermostat to the desired temperature.
- To protect the appliance, we recommend not using the cooling function if the air temperature is higher than 35 °C.

PRODUCT DESCRIPTION

1. Control panel
2. Upper cover
3. Grille
4. Back cover
5. Front cover
6. Casters
7. Retaining grille (upper)
8. Front retaining grille (upper)
9. Output connection
10. Handle
11. Retaining grille (lower)
12. Front retaining grille (lower)
13. Power cord
14. Exhaust hose assembly
15. Window sealing plate assembly



FUNCTIONS

- Self-evaporating system – no external water tank required
- The LED display indicates the temperature and operating mode
- On/Off timer function – allows you to choose when the appliance will work
- Compressor protection technology

INSTALLATION

Warning: Please leave the appliance upright for at least 3-4 hours before using it.

This appliance can be easily moved from one room to another. When moving, keep in mind that it must always be

in a vertical position and then placed on a flat surface.

1. Attach the slotted end to the end of the hose by stretching the end and turning it until it is firmly attached (at least 3 full turns) (Fig. 1).
2. Attach the connection at the opposite end of the hose to the outlet on the back of the appliance by plugging it in and turning it to lock it in place (Fig. 2).
3. Make sure that the unit is in a vertical position and that there are no obstacles on the inlet and outlet grilles (Fig. 3).

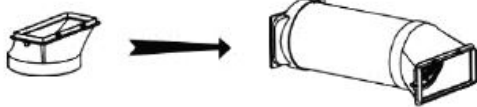


Fig. 1

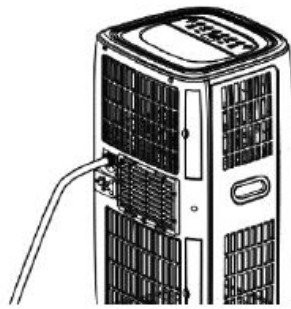


Fig. 2

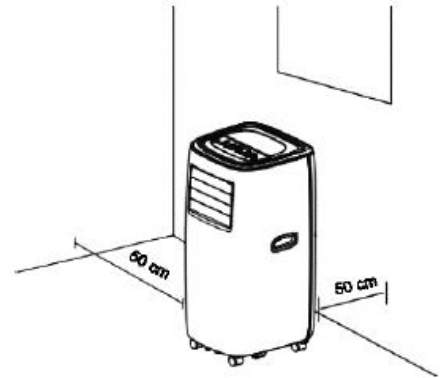


Fig. 3

WINDOW KIT INSTALLATION

The window kit (sliding bar and slotted end) can be used for sliding windows and doors. For other types of windows, the slotted end should be used separately.

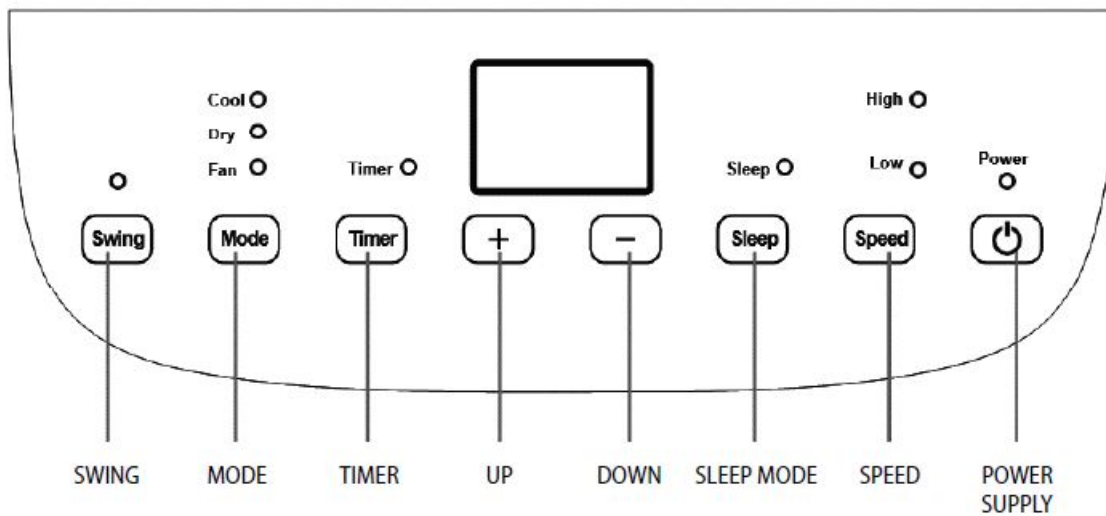
1. Partially open the window, and then attach the assembly for window installation to the window.
2. Attach the slotted end of the hose to the opening in the sliding bar.

NOTES

- The window kit is only intended for installation in sliding windows or doors. The window set is not designed or cannot be used for any other type of window.
- The slotted end adapter can be used with most windows or doors even without a sliding bar.
- When using the air conditioning unit, make sure that the space remaining around the slotted end is as small as possible, as cooling would otherwise be less efficient.
- The best way to install is to pass through the wall.
- Proper ventilation will expel hot air from the room, while effectively cooling the air in the room.
- Your air conditioning unit can be used without an exhaust hose in dehumidification mode. When using the dehumidification mode, ensure that an external water tank is used, which will be monitored and emptied regularly so that it does not overflow. In dehumidification mode, a drain pipe connection can also be installed or an external water pump can be used for unattended use.
- The outlet must be well open and must not be blocked, as this would cause the appliance to overheat. Avoid bending the exhaust hose by more than 30 degrees. See pictures below.

OPERATION

This portable air conditioning unit is equipped with 3 modes: cooling, dehumidification and fan. The fan has two speeds: high and low. The display also shows operating functions, temperature, fault diagnosis and protection functions.



- Set temperature (effective only in cooling mode): 17 ~ 30 °C for cooling, dH is displayed, operation with low air flow is not adjustable.
- Temperature measurement accuracy: ± 1 °C.
- Fan speed: high speed, low speed (2 fan speeds).
- Timer mode: timer on and off settings within 24 hours.
- Sleep mode: only cooling is effective.
- Swing function: swinging up and down.
- Temperature display (in degrees Celsius). Display of faults by self-diagnostics. Memory function in case of power failure. Infra-red remote control.
- The control panel is equipped with a digital LED display and LED indicators.

Once connected, the appliance switches to standby mode.

ON/OFF BUTTON

Press the button to switch the device on or off, if it is on.

MODE BUTTON

Press to switch between cooling, dehumidifying and fan modes. The LED indicator can light up different colors depending on the mode, which makes signaling easier. The blue colour is used for cooling. The green color is used in fan mode. The orange color is used in dehumidification mode.

UP AND DOWN BUTTONS

These buttons can be used to set the desired temperature between 17-30 °C. After pressing the "TIMER" button, they are also used to set the timer time.

FAN SPEED BUTTON

IN COOLING AND FAN MODE: Press to switch between high and low fan speed. IN DEHUMIDIFICATION MODE: By default, the fan will be set to a low speed that cannot be changed.

TIMER BUTTON

The timer function cannot be combined or repeated. ON TIMER: When the appliance is in standby mode, press

the “TIMER” button to set the switch-on time. Press the UP and DOWN buttons to adjust the timer duration (1 to 24 hours). The timer indicator light lights up. The appliance switches on after the set number of hours has elapsed. OFF TIMER: When the appliance is switched on at the desired setting, press the “TIMER” button to set the switch-off time. Press the UP and DOWN buttons to adjust the timer duration (1 to 24 hours). The timer indicator light lights up. The appliance switches off after the set number of hours has elapsed.

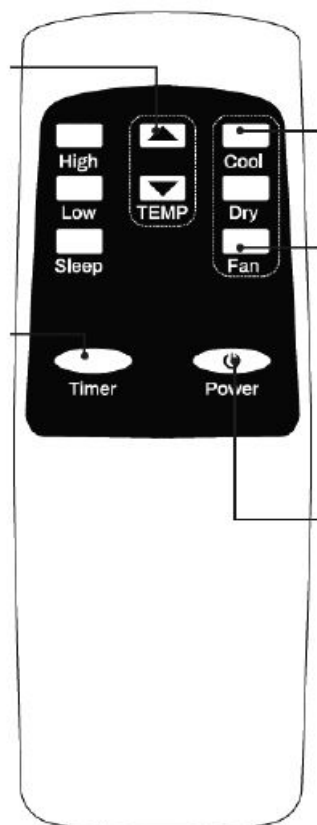
SLEEP BUTTON

Pressing this button puts the appliance into sleep mode immediately, only the sleep mode light is on, the other indicators turn off, and the fan speed automatically changes to low. Press again to exit sleep mode and resume operation.

REMOTE CONTROL

The air conditioning unit can be controlled with the remote control. Two AAA batteries are required to use the remote control.

- **UP:** Press the up arrow button to increase the desired temperature or set the timer duration.
- **DOWN:** Press the down arrow button to decrease the desired temperature or set the timer duration.
- **TIMER:** Press the “TIMER” button to set the on or off timer time You can switch to the cooling mode by pressing the “Cool” button.
- **FAN:** You can switch between high and low fan speed by pressing the “FAN” button.
- **POWER SUPPLY:** Press this button to switch the appliance on or off.



PROTECTIVE FUNCTIONS

FROST PROTECTION FUNCTION

If the exhaust hose temperature is too low in cooling, dehumidification or energy saving mode, the appliance automatically switches to the protection state. If the exhaust hose temperature rises to a certain temperature, the appliance automatically returns to normal operation.

OVERFLOW PROTECTION FUNCTION

When the water level in the inner water tank exceeds the warning level, the appliance will automatically emit a warning signal and "FL" will appear in the LCD temperature display area. In this case, the inner water tank needs to be emptied. After emptying the tank, the appliance automatically returns to its original state.

AUTOMATIC DEFROST (ONLY MODELS EQUIPPED WITH COOLING HAVE THIS FUNCTION)

The appliance has an automatic defrost function: during defrosting, the heating symbol will flash on the display.

AUTOMATIC THERMAL PROTECTION

To prolong its service life, the appliance is equipped with an automatic thermal protection function. As soon as the protection is activated, the compressor and the motor stop and after cooling the appliance automatically returns to the normal heating state.

COMPRESSOR PROTECTION FUNCTION

To prolong its service life, the compressor is equipped with a protection function of a three-minute start delay.

EMPTYING THE INNER WATER TANK

MANUAL DRAIN

When the inner water tank is full, the appliance stops working.

Switch off the appliance and unplug it. Avoid moving the appliance sharply, as this could cause water to spill out of the inner tank.

Place a suitable container under the water drain plug or move the appliance to a place where the water can be drained. Unscrew the drain plug cap and remove the rubber plug (1) – water flows out of the inner tank (2). After draining, replace the rubber plug and screw the drain plug cap back in place.

PERMANENT DRAIN

Unscrew the drain plug cap and remove the rubber plug. Connect the water drain pipe to the drain. You can connect this pipe to an existing waste system, direct it out and use a gravity gradient or use a water pump.

Note: This model is equipped with a self-evaporating function that reduces the frequency of the required emptying of the water tank. If the unit is properly ventilated, most of the water is used to cool the condenser coil and the excess is evaporated. Do not use the permanent drain if you want to use the self-evaporating function.

CLEANING AND MAINTENANCE

SWITCH OFF AND DISCONNECT THE APPLIANCE BEFORE CLEANING OR PERFORMING ANY MAINTENANCE

SURFACE CLEANING

Wipe the surface of the appliance with a damp soft cloth. Do not use chemicals such as organic solvents, alcohol, benzene, etc., otherwise the surface or internal functions of the appliance may be damaged.

AIR FILTER CLEANING

If the filter insert is clogged with dust, the efficiency of the air conditioning unit will be reduced. The filter insert should be cleaned every two weeks or as often as needed in your environment.

CLEANING THE TOP FILTER INSERT FRAME

With both hands, grasp the edge of the evaporator filter insert frame. Pull it out and remove the filter insert from the frame. If used, unscrew the screws holding the filter before removing (as shown in the figure above). Place the evaporator filter insert in warm water with a neutral detergent (approx. 40 °C / 104 °F) and dry in a shady place after cleaning and rinsing.

CLEANING THE LOWER FILTER INSERT FRAME

Grasp the handle of the insert frame of the air intake filter and gently pull it out to remove it. Place the filter insert in warm water with a neutral detergent (approx. 40 °C / 104 °F) and dry in a shady place after cleaning and rinsing.

MAINTENANCE AT THE END OF THE SEASON

1. Remove the rubber plug and drain plug cap from the drain opening and empty the inner tank. You can also drain the water by tilting the unit.
2. Then switch the unit to low fan speed mode.
3. Leave the unit in this mode for half a day – until the hose is dry. This helps keep the inside of the appliance dry and prevents the formation of mould.
4. Switch off the unit and pull the plug out of the socket.
5. Replace the rubber plug and the drain plug cap.
6. Roll up the cable and tie it, then insert it into the accessory compartment.
7. Disconnect the air exhaust hose and store it securely.
8. Cover the appliance and store it in a dry place.
9. Remove the batteries from the remote control and store or dispose of them safely. Keep all accessories for this appliance ready for next season.

TROUBLESHOOTING

Do not repair or disassemble the air conditioning unit yourself. The unauthorized repair will void the warranty and may result in failure, injury, and property damage. Use the appliance only in accordance with the instructions in this user manual and only carry out the activities recommended here.

Problem	Cause	Remedy
The air conditioning unit does not work	The electricity is not switched on.	After connecting to the mains, switch on the appliance.
	The overflow indicator light shows “FL”.	Drain the water from the inner tank.
	The ambient temperature is too low or too high.	Use the appliance only in the temperature range 7-35 °C (44-95 °F).
	In cooling mode, the room temperature is lower than the set temperature; in heating mode, the room temperature is higher than the set temperature.	Change the temperature setting.
	In dehumidification mode, the ambient temperature is low.	The appliance is located in a room with an ambient temperature higher than 17 °C (62 °F).
The cooling effect is not good	Direct sunlight.	Use curtains to reduce direct sunlight.
	Doors or windows are open. Many people are present or there are other heat sources in the room (e.g. refrigerator) in cooling mode.	Close doors and windows, increase air conditioning unit performance.
	The filter insert is dirty.	Clean or replace the filter insert.
	Air inlet or outlet is blocked.	Remove any obstructions and make sure the ventilation is correct as described in this user manual and the hose is not too bent.
Loud sound	The air conditioning unit is not located on a flat surface.	Place the air conditioning unit on a flat and stable surface (to reduce noise).
The compressor does not work	Overheat protection has been activated.	Wait 3 minutes for the temperature to drop, then switch on the appliance again.
The remote control does not work	The distance between the appliance and the remote control is too long.	Move the remote control closer to the air conditioning unit and make sure that the remote control is pointed directly in the direction of the remote control receiver.
	The remote control is not aligned with the direction of the remote control receiver.	
The display shows an error message “E1”.	The hose temperature sensor signals an unusual value.	Clean the filters and switch the appliance on again. If the problem persists, contact a service centre.

The display shows an error message "E2".	The room temperature sensor signals an unusual value.	Clean the filters and switch the appliance on again. If the problem persists, contact a service centre.
The display shows an error message "FL".	The water tank inside the appliance is full.	Drain the water from the drain opening at the bottom back of the appliance.
Other	No refrigerant or just a very small amount of refrigerant.	Contact the service centre (check for leaks, connections, extract and fill with refrigerant according to the type plate).
	Frost protection.	Waiting for defrost. The function resumes automatically. No user intervention is required.
	High pressure protection.	As soon as the internal gas pressure drops, the function will be normal. No user intervention is required.

If problems occur which are not listed in the table or the recommended solutions do not work, contact a service centre.

SERVICE CENTRE

Extensive maintenance or repair, which requires access to internal parts of the product, has to be performed by a qualified specialist or the service centre.

ENVIRONMENTAL CONCERNS

- Packaging materials and old appliances should be recycled.
- Packaging materials may be disposed of as assorted waste.
- Dispose of the plastic bags made of polyethylene (PE) of assorted waste.

Recycling of the appliance at the end of its lifespan:

This appliance is labelled in accordance with European Directive 2012/19/EU concerning used electrical and electronic appliances (waste electrical and electronic equipment – WEEE). The symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead, it should be taken to the appropriate collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The disposal of such material has to be done according to the recycling regulations. For more detailed information about recycling of this appliance see the authorized local office or service for household waste disposal or the shop, where you purchased the appliance.

The product meets all the necessary requirements of the EU directives applicable to the specific product. Changes in text, design, and technical specifications are subject to change without prior notice and we reserve the right to change them.

WARRANTY TERMS

Warranty

The manufacturer (or importer) is responsible for ensuring the product complies with the requirements of applicable legal regulations as well as those of the relevant technical standards. Moreover, they are responsible

for ensuring the product has the properties the manufacturer described in documents related to the goods or those reasonably expected by the customer with regard to the nature of the goods or based on advertising produced by the manufacturer, and further they are responsible for ensuring the product is fit for the purpose proposed by the manufacturer or that a product of the same type is normally used for. The quality warranty term is 24 months from product takeover by the customer.

The warranty does not apply to wear and tear caused by regular use. The customer shall not be entitled to any warranty claims if, prior to taking the product over, they knew the product contained a defect or if the defect is attributable to the customer.

The warranty specifically does not apply:

- if the product installation, operation and service conditions stipulated in the product operating manual have not been adhered to,
- to malfunctions caused due to mechanical, heat or chemical damage, short circuit, over-voltage or incorrect installation,
- to malfunctions caused by an inexperienced third-party intervention,
- to malfunctions caused by a natural disaster,
- to malfunctions caused by insufficient or inappropriate maintenance in violation of the operating manual, including malfunctions caused by water and other sediments,
- to changes in colour of the heating surface or to scratching of the surface caused as a result of using the products in an unusual manner,
- to appearance and functional changes caused by exposure to sunlight, thermal radiation of water and other sediments,
- if the service life of certain product parts expires, e.g. for accumulators, bulbs, etc. warranty does not apply to any products and services provided along with the product (gifts, promotional articles, etc.)

Filing a complaint

A complaint against a product defect must be filed as soon as identified, yet no later than before the end of the warranty term. The customer must file a product complaint with the dealer from which they have purchased the product, or with any authorised service centre, a list of which is included in the product package, or available at www.my-concept.com

While filing a product complaint, the product must be duly cleaned and securely packed so as to prevent any damage during its transport to an authorized service centre, where relevant, unless the product is delivered in person. The customer must submit proof of having concluded a purchase contract for the product by producing the receipt. While filing their complaint, the customer must indicate the noted defect and identify the preferred complaint application method.

Complaints processing

As long as the noted defect may be removed, the user has the right to have the defect duly removed free of charge on a timely basis. Where such a procedure is not reasonable with regard to the nature of the defect, the user may require to be supplied a new defect-free product (replacement), or, where the defect applies to a part of the product only, replacement of the part concerned. However, if replacement of the product or any part thereof is not proportionate with regard to the nature of the defect, especially if the defect can be removed without undue delay, the customer has the right to have the defect removed free of charge.

If the noted defect is not removable, or if the customer becomes entitled to the replacement of the product or a part thereof, yet the replacement is not possible, for example due to the product having been sold out, the customer has the right to return the product (withdrawal from the contract). The customer shall have the right to a new product (replacement) or to replacement of a part of the product even if the defect can be removed, provided

they cannot properly use the product due to repeated occurrence of the defect or due to a high number of such defects. In such a case, the customer also has the right to return the product (by withdrawing from the contract).

If the product is not returned (the customer does not withdraw from the contract), or if the customer does not apply the right to a new defect-free product (replacement), to replacement of a part thereof or to repair of the product, they may request a reasonable discount. The customer also has a right to a reasonable discount if a new defect-free product cannot be supplied to them, or if a product part cannot be replaced or the product repaired unless the situation is remedied within a reasonable time limit, or if remedying the situation would create major discomfort on the part of the customer. The seller, authorized service center or a staff member authorized by them must decide about each complaint immediately or within three business days in complicated cases. This term does not include a reasonable period of time, depending on the type of product concerned, required for the defect to be assessed by an expert. A complaint, including defect removal, must be dealt with without any undue delay, yet no later than within 30 calendar days of the complaint filing date, unless the seller and the customer agree on a later deadline.

On returning the product (withdrawing from the contract) the customer must return any accessories and documents supplied along with the product. The customer does not have the right to keep the defective parts and components of the product replaced as part of a repair of the product. This shall be without prejudice to any other rights the customer may have in relation to the purchase of the product.

Remark: Complaints against products damaged in transport are governed by the carrier's complaints procedure.

Manufacturer

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[www: www.my-concept.com](http://www.my-concept.com)

Product data

Product data

Model:	
Production number:	
Date of purchase:	Seal and signature of vendor:

Documents / Resources

	<p>concept KV0800 Mobile Air Conditioning Unit [pdf] Instruction Manual KV0800, KV1000, KV0800 Mobile Air Conditioning Unit, KV0800, Mobile Air Conditioning Unit</p>
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