

Operating instructions

Classic eco | Futura eco

Refrigerator/freezer

Thank you for choosing to buy one of our products. Your appliance is made to high standards and is easy to use. Nevertheless, please take the time to read these operating instructions in order to familiarize yourself with the appliance and get the best use out of it.

Please follow the safety precautions.

Modifications

Text, diagrams and data correspond to the technical standard of the appliance at the time these operating instructions went to press. The right to make technical modifications for the purpose of the further development of the appliances is reserved.

Validity

These operating instructions apply to:

Model designation	Type	Model number	Size system
Classic eco	EK1322EE	51062	SMS 55 / Euro 60
Classic eco	EK1322EE	51103	SMS 55
Futura eco	EK1222EE	51061	SMS 55 / Euro 60
Futura eco	EK1222EE	51104	SMS 55

Variations depending on the model are noted in the text.

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1 Safety precautions

1.1 Symbols used



Denotes important safety precautions.

Failure to observe said precautions can result in injury or in damage to the appliance or fittings!



Information and precautions that should be observed.



Information on disposal



Information about the Operating Instructions



Remove plug from mains socket / disconnect power supply



Insert plug into mains socket / connect power supply



Do not cut off or modify mains plug



Wear protective gloves



Symbol ISO 7010 W021
WARNING: Risk of fire / flammable materials

- ▶ Indicates step-by-step instructions.
 - Describes how the appliance reacts to the steps taken.

- Indicates a list.

1.2 General safety precautions



- Read the operating instructions before using the appliance for the first time.
- This appliance can be used by children aged 8 and above and by persons with reduced physical, sensory or mental capabilities, or lack of experience and/or knowledge, provided they are supervised or have been instructed on the safe use of the appliance and have understood the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be undertaken by children without supervision.
- If an appliance is not equipped with a mains cable and a plug or other means for disconnecting from the mains with a contact opening on each pole complying with the conditions of overvoltage category III for full isolation, an isolating device must be incorporated into the permanently installed electrical installation in accordance with the installation regulations.
- If the mains cable of this appliance is damaged, it must be replaced by the manufac-



turer or its Customer Services or a similarly qualified person in order to avoid hazard.

1.3 Appliance-specific safety precautions



- Children aged from 3 to 8 years are allowed to load and unload refrigerating appliances.

1.4 Appliance installation



- The appliance must be installed by qualified personnel only.
- Each step must be carried out and checked in full in the order specified.
- Electrical connections must be carried out by qualified personnel in accordance with the guidelines and standards for low-voltage installations and the specifications of the local electricity supply companies.
- A plug-in appliance may only be connected to a socket outlet with earthing contact, installed according to specifications. An all-pole mains isolating device with 3 mm contact opening should be provided in the house wiring system. Switches, plug and socket devices, circuit breakers and fusible cut-outs which are accessible after installation and which have all-poles switching are permissible as isolating devices. Effective earthing and separately installed neutral and earth conductors ensure safe and fault-free operation. After installation, live parts and cables with basic insulation must not be accessible. Check old installations.

- Refer to the identification plate for information on the required mains voltage, current type and fuse protection.
- All plastering, plasterboarding, wall papering and painting work is to be carried out prior to installing the appliance.
- Efficient repairs can only be guaranteed if it is possible to de-install the complete appliance at any time without causing any damage.
- Allow a 200 cm² ventilation opening/niche both top and bottom to ensure ideal ventilation.
- The direction of the door opening can be changed. This requires the corresponding hinge and panel covers (depending on model). Thickness of wood of door leaf: 16–20 mm. Use the hinge bolts supplied if the door leaf thickness >19 mm. This restricts the opening angle to 90°.

1.5 Instructions for use

Before using for the first time

- The appliance must be installed and connected to the electricity supply in accordance with the separate installation instructions. Have a qualified fitter/electrician carry out the necessary work.
- Electrical safety (protection against contact) must be ensured by the installation.
- If the appliance is visibly damaged, do not use it. Contact our Customer Services. Do not use the appliance if the cold circuit is damaged.
- **WARNING:** The required room volume for the appliance is at least 1 m³ per 8 g refrigerant (isobutane R600a). In rooms that are too small, a leak can produce a flammable air-gas mixture. The filled volume of the refrigerant is shown on the identification plate.
- **WARNING:** When installing the appliance, ensure the mains cable is not trapped or damaged.

1 Safety precautions

- **WARNING:** Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.
- Avoid using extension cables.
- When installed, it is important to ensure that the air inlets and vent openings are not covered or blocked.
- Retain these operating instructions for future reference.
- Operating instructions for the appliance can be downloaded from www.vzug.com.
- Dispose of the packaging material in accordance with local regulations.

Correct use

- The appliance is designed for use in the home for cooling and storing food. The appliance must only be used as described in the operating instructions.
- This appliance is intended for use in the home and similar settings such as: in staff kitchens; in shops or offices; in agricultural establishments; by guests in hotels, motels and other accommodation establishments; in bed and breakfast establishments. This appliance is not intended for use in the commercial sector.
- The appliance corresponds to recognized technology standards and the relevant safety regulations. Proper use of the appliance is essential to avoid damage and accidents. Please therefore follow the precautions given in these operating instructions.
- No liability is assumed for any damage caused by improper or incorrect use or by repairs carried out by an unqualified person. In this case any warranty or other liability claims are deemed null and void.
- Any repairs, modifications or manipulations to the appliance, especially any electrically live parts, may only be carried out by the manufacturer, its Customer Services or a similarly qualified person. Repairs if carried out incorrectly may cause serious injury, damage to

the appliance and fittings, as well as affect the functioning of the appliance. If the appliance is not working properly or in case a repair is needed, follow the instructions given in the «Service & Support» section. Contact our Customer Services if necessary.

- Use original spare parts only.

Climate class

This appliance is intended for use in a limited ambient temperature range to ensure proper operation. Information for the applicable climate class can be found on the identification plate.

Climate class	Ambient temperature
SN	+10 °C to +32 °C
N	+16 °C to +32 °C
ST	+16 °C to +38 °C
T	+16 °C to +43 °C
SN-ST	+10 °C to +38 °C
SN-T	+10 °C to +43 °C

Note on use

- Do not operate any electrical devices inside the refrigerator compartment and/or freezer compartment.
- High-proof alcohol should only be stored tightly sealed and standing upright. Do not store explosive materials or aerosol cans in the appliance. Danger of explosion!
- This appliance is CFC- and FC-free and contains small quantities of the environmentally friendly, but flammable refrigerant isobutane (R600a). When handling the appliance take care not to damage the cooling circuit. Any refrigerant that escapes can ignite. If it were to become damaged, avoid open flames and other ignition sources as isobutane is flammable. Ventilate the room well for a few minutes. Switch the appliance off and disconnect from the power supply. Do not turn on any power supplies. Notify our Customer Services.

Caution: Risk of injury!

- Be careful not to put fingers in the door hinges, as there is otherwise a risk of injury if the appliance door is moved. Particular care should be taken when children are around.
- Cut the power going to the appliance before cleaning. Pull out the mains plug or switch off the fuse. Never pull the mains plug out of the mains socket by the cable or with wet hands. Hold the mains plug and pull it straight out of the mains socket.
- Avoid prolonged skin contact with frozen food. Never consume frozen food or ice cubes that are straight out of the freezer compartment or too cold. Risk of burns from freezing!
- Do not remove the evaporation tray on the compressor. Fire hazard!
- Do not place bottles or cans of drink in the freezer compartment. Especially those containing carbonated drinks can burst during freezing.

Caution: Risk to life!

- Packaging materials, e.g. plastic film and polystyrene, can be dangerous for children. Danger of suffocation! Keep packaging material away from children.
- When carrying out maintenance work on the appliance, including replacing light bulbs (if how to remove them is described in the Operating instructions), cut off the electricity supply to the appliance: remove the screw fuse from the holder or switch the circuit breaker off, or unplug from the mains socket.

How to avoid damaging the appliance

- Clean the appliance just with water or a mild soapy solution (water and washing-up liquid).
- Do not use pointed or sharp objects to remove layers of ice or frozen-on food.
- No mechanical or chemical aids other than those recommended may be used to speed up defrosting.

- Store oils and fats upright in closed containers. They must not come into contact with the plastic parts or the door seal.

Transport

Transport the appliance in an upright position only! Transporting it in any other position will result in damage to the appliance!

2 Using for the first time

Before operating the newly installed appliance for the first time, the following steps should be taken:

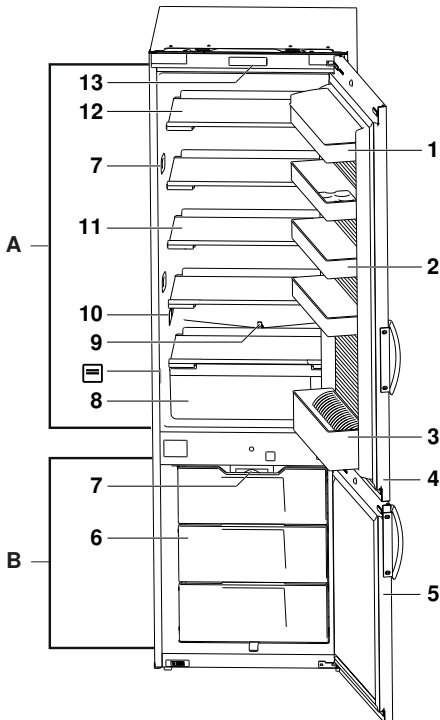
- ▶ Remove packaging and transport materials as well as any protective film from the interior.
- ▶ Clean the interior and accessories with lukewarm water or a mild soapy solution (water and washing-up liquid) and dry thoroughly.
- ▶ Check that all appliance door seals are completely dry and dry them if necessary.
- ▶ Wait for 2 hours before switching the appliance on.

3 Appliance description

3.1 Structure



The direction in which the door opens can be changed. Please contact our Customer Services if necessary.



Temperature zones

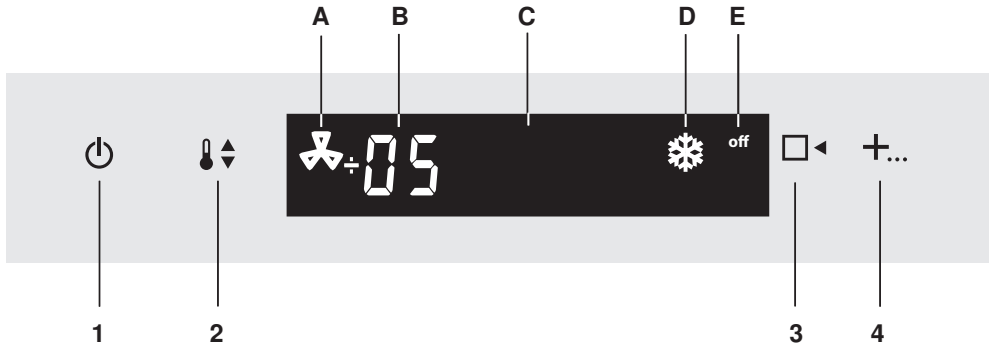
- A Refrigerator compartment
- B Freezer compartment

Features

- 1 Door tray with cover
- 2 Door trays
- 3 Door tray with bottle holder (bottles up to max. 1.5 litres)
- 4 Refrigerator compartment door
- 5 Freezer compartment door
- 6 Freezer compartment drawers
- 7 LED illumination
- 8 Vegetable drawer
- 9 Defrost drainage channel
- 10 Temperature sensor
- 11 Shelves
- 12 Half-shelf (depending on model)
- 13 Operating and display elements

-  Identification plate with serial number (SN)

3.2 Operating and display elements



Displays


- A Fast cooling
- B Refrigerator compartment temperature display
- C Display
- D Fast freezing
- E Appliance switched off

Buttons

- 1 ON/OFF
- 2 Temperature setting, confirming a setting
- 3 Preselection
- 4 Select special functions

4 Operation

4.1 Switching the appliance on

- ▶ Plug in the appliance at the mains socket.
 - «off» is shown in the right-hand side of the display for 30 seconds.
- ▶ Hold the  button depressed for 3 seconds.
 - The appliance is switched on.





An appliance that has been started up for the first time takes around 15 hours (with food inside) to reach its normal operating temperatures.

4.2 Setting the temperature

Setting range

Temperature zone		Degrees Celsius [°C]
Refrigerator compartment	Setting range	2 to 9
	Recommended setting	5
Freezer compartment	Approximate setting at a refrigerator compartment temperature of 5 °C	-18



Setting the temperature in the refrigerator compartment

- ▶ Hold the  button depressed for 3 seconds.
 - The temperature display for the refrigerator compartment flashes in the display.
- ▶ Touch the  button repeatedly until the desired temperature flashes.
 - If no further settings are made after 5 seconds, the temperature set is accepted and the temperature display stops flashing.
 - The set temperature will be reached after a few hours.




The effective temperature may at times be different from the selected set value if the door is open for an extended period of time or if warm foods have been placed inside.



If the  button is touched without having confirmed the  button beforehand, a double acoustic signal is emitted.

4.3 Switching the appliance off

















- ▶ Hold the  button depressed for 3 seconds.
 - The appliance is switched off.
 - «off» is shown in the display for 30 seconds.






If the appliance is being taken out of operation, e.g. for repair work or disposal:

- ▶ Remove the mains plug from the mains socket.
- ▶ When not in use for an extended period of time: Empty, defrost and clean the appliance. Leave the refrigerator and freezer compartment doors open.

5 Appliance functions



5.1 Activating/Deactivating the appliance functions

Function	Description
 Fast cooling	<p>Preparing the refrigerator compartment ideally for loading food and food items after a shopping trip.</p> <hr/> <p>Activating</p> <ul style="list-style-type: none"> ▶ Hold the +... button depressed for 3 seconds. <ul style="list-style-type: none"> –  flashes in the display. ▶ Confirm with the  button. <ul style="list-style-type: none"> – The  function is activated and shown in the display. <hr/> <p>Deactivating</p> <ul style="list-style-type: none"> ▶ Hold the +... button depressed for 3 seconds. <ul style="list-style-type: none"> –  flashes in the display. ▶ Confirm with the  button. <ul style="list-style-type: none"> – The  function is deactivated and no longer shown in the display.
Function	Description
 Fast freezing	<p>Preparing the freezer compartment ideally for loading food and food items after a shopping trip.</p> <hr/> <p>Activating</p> <ul style="list-style-type: none"> ▶ Hold the +... button depressed for 3 seconds. <ul style="list-style-type: none"> –  flashes in the display. ▶ Touch the +... button. <ul style="list-style-type: none"> –  flashes in the display. ▶ Confirm with the  button. <ul style="list-style-type: none"> – The  function is activated and shown in the display. <hr/> <p>Deactivating</p> <ul style="list-style-type: none"> ▶ Hold the +... button depressed for 3 seconds. <ul style="list-style-type: none"> –  flashes in the display. ▶ Touch the +... button. <ul style="list-style-type: none"> –  flashes in the display. ▶ Confirm with the  button. <ul style="list-style-type: none"> – The  function is deactivated and no longer shown in the display.

Function	Description
5 Sabbath mode	The illumination is not affected by opening or closing the door.
Activating	<ul style="list-style-type: none"> ▶ Preparing for the Sabbath: Hold the +... button depressed for 3 seconds. <ul style="list-style-type: none"> –  flashes in the display. ▶ Touch the +... button. <ul style="list-style-type: none"> –  flashes in the display. ▶ Touch the +... button again. <ul style="list-style-type: none"> – 5 flashes in the display. ▶ Confirm with the   button. <ul style="list-style-type: none"> – The 5 function is activated and shown in the display.
Deactivating	<ul style="list-style-type: none"> ▶ Hold the  button depressed for 3 seconds. <ul style="list-style-type: none"> – The 5 function is deactivated; the illumination and display are switched on.

5.2 Description of functions

Fast cooling/fast freezing

The  fast cooling and  fast freezing functions allow a larger quantity of food, e.g. after a shopping trip or freezing pre-cooked meals, to be cooled more quickly. The temperature of the refrigerator compartment for fast cooling and of the freezer compartment for fast freezing are lowered to the coldest value for 24 hours. During fast cooling/freezing, the appliance operates at higher power, which increases the noise level above the normal operating noise level. The functions switch off automatically. To prevent food that is already being stored from warming up: activate fast cooling/freezing several hours beforehand (e.g. before going shopping).

To achieve maximum freezing capacity, the following must be observed: To freeze the maximum quantity (see the identification plate), use the top freezer compartment drawer and activate fast freezing immediately before storing the fresh food. Transfer already frozen food to the lower freezer compartment drawers. Distribute the food to be frozen evenly in the top freezer compartment drawer. Do not place any more food for freezing in the freezer compartment for the next 24 hours during the freezing process.



Fast freezing does not need to be activated if storing food that is already frozen or freezing up to about 1 kg of fresh food a day.

Sabbath mode

In Sabbath mode, the lighting and displays are switched off for 28 hours.

6 Interior fittings

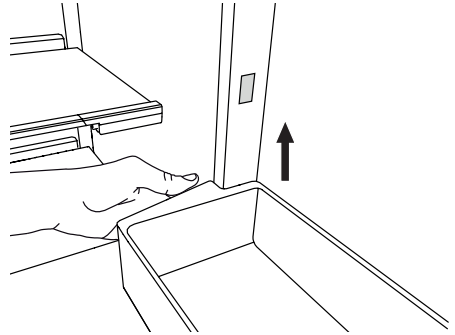
The height of the glass shelves in the refrigerator compartment and the door trays on the inside of the refrigerator compartment door can be adjusted.



The half-shelves enable taller vessels to be stored.

6.1 Positioning door trays

- ▶ Push the door tray up and remove it.
- ▶ Select the desired height.
- ▶ Hang the door tray in the openings in the door frame.
- ▶ Push the door tray down as far as it will go.



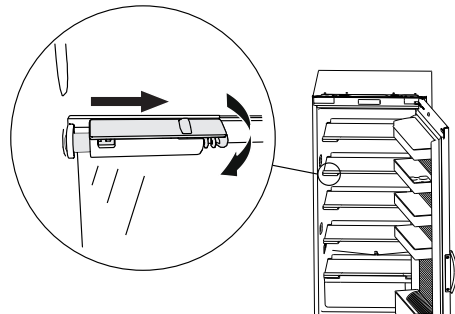
The top door tray with the cover is not adjustable.



When the appliance is new, it may require a little more effort to take out the door trays.

6.2 Positioning glass shelves

- ▶ On both sides, push the slide bar inwards and downwards.
 - The slide bar engages and stays in this position.
- ▶ Pull the glass shelf out of the rear guide and insert into desired position.
- ▶ To fix the glass shelf in place, turn the slide bar upwards and release it.
 - The slide bar engages.



7 Storing food

7.1 How to arrange food in the appliance

The example arrangement (from top to bottom) shows the zones and areas in the appliance that are generally suitable for certain food and food items.

On the glass shelves:

- Bakery products
- Ready meals
- Dairy products
- Meat, sausages and fish

In the vegetable drawer:

- Vegetables, fruit and salad

In the door trays:

- Butter and cheese
- Tubes and eggs
- Small tins
- Smaller bottles and Tetra Pak containers
- Large bottles (up to max. 1.5 litres)

In the freezer compartment:

- Freeze and store food, make ice



7.2 Shelf life of food

- ▶ High-protein and high-fat foods are delicate/perishable and have a relatively short storage life.
- ▶ Observe best-before and use-by dates.
- ▶ Produce can generally be stored for longer at low temperature settings. A temperature of 5 °C in the refrigerator compartment and -18 °C in the freezer compartment provide a balanced setting in terms of food quality and energy consumption – ideal if storing a large variety of products.

7.3 Packaging and containers

- ▶ Wrap or cover food in the refrigerator compartment to prevent it from drying out and flavours from transferring.
- ▶ Transfer the contents of opened tins to sealable containers.
- ▶ Store raw meat and fish in suitable containers in the refrigerator, so that they do not come into contact with or drip onto other food.
- ▶ Store food in the freezer compartment in suitable packaging. Depending on the product, this may be freezer bags, aluminium foil or plastic boxes. Pack the food as airtight as possible to prevent freezer burn.

7.4 Freezing food

Packaging

- ▶ Store food in the freezer compartment in suitable packaging. Depending on the product, this may be freezer bags, aluminium foil or plastic boxes. Pack the food as airtight as possible to prevent freezer burn.

Freezing fresh food

- ▶ The bottom drawer in the freezer compartment is recommended for freezing up to about 1 kg of fresh food a day. If there is frozen food already in the bottom drawer, distribute it between the upper freezer compartment drawers.
- ▶ There is a risk that freezing fresh food could cause food that is already frozen to partially thaw. Freeze smaller quantities and avoid contact with food that has already been frozen.
- ▶ Blanch vegetables before freezing. Aubergines, sweet peppers, courgettes, mushrooms, asparagus and herbs do not have to be blanched.

Unsuitable food and products

- ▶ The following products are not suitable for freezing: radishes, lettuces, cucumbers, raw unshelled eggs, boiled eggs, dairy products such as yogurt, cream cheese and curd cheese, and mayonnaise.

7.5 Defrosting food

- ▶ Do not defrost frozen food at room temperature or on the heating. Food defrosts slowly in the refrigerator compartment. As a quick alternative, defrost in a microwave or steamer.
- ▶ Do not refreeze food once defrosted! Only after being prepared (through cooking or frying) can food be refrozen.

8 Care and maintenance

For the hygienic storage of foodstuffs, the interior should always be kept clean.



Do not use any abrasive cleaning agents or scouring cloths to clean the appliance.

Take care not to press too hard when cleaning the plastic surfaces.

Risk of causing damage to the appliance.



Ensure that no cleaning water runs through the defrost drainage channel into the evaporation tray.

Risk of causing damage to the appliance.

8.1 Vegetable drawers and glass shelves

Condensation can form in the vegetable drawers and on the glass shelves, depending on the kind and quantity of food being stored.

- ▶ Regularly wipe away any condensation with a dry cloth.

8.2 Interior

- ▶ Surfaces that can come in contact with food and accessible drainage systems must be cleaned regularly.
- ▶ Clean the interior periodically with a mild soapy solution and wipe completely dry.

8.3 Operating and display elements

- ▶ Clean the operating and display elements just with a slightly damp cloth.

8.4 Door seals

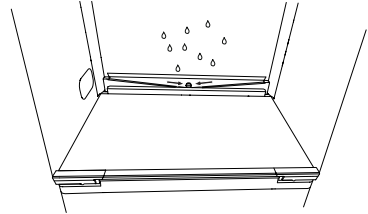
- ▶ Regularly check the door seals and
- ▶ if dirty clean using a soft brush and clean water. Wipe dry.

8.5 Defrosting

Defrosting the cooling compartment

The cooling compartment defrosts once a day automatically.

During defrosting, the temperature inside the cooling compartment increases so that the ice on the rear wall melts. The water created when the ice melts collects in the defrost channel, flows through the drain hole and evaporates outside the appliance in the evaporation tray.

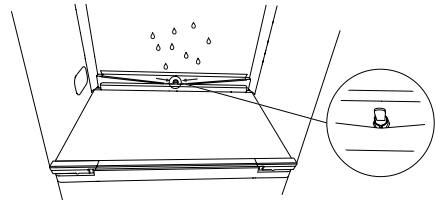


When defrosting is complete, the temperature is lowered back down to the set target temperature.



Keep the collection channel and the drain pipe clean so that the water can flow freely.

- ▶ Clean the defrost drainage channel with the green cleaner that is in it with an up-and-down and circular motion.



If milk has been spilt accidentally and has ended up in the defrost drainage channel:

- ▶ Push some kitchen towel into the drain hole and try to absorb as much liquid as possible.
- ▶ If more than 1 dl has flowed into the defrost drainage channel and/or a strong odour develops after a while: call Customer Services.



If any foreign objects get into the defrost drainage channel:


- ▶ Carefully insert a flexible plastic object (such as a cable tie) into the drain hole and try to remove any foreign objects.
- ▶ Do not use hard or sharp objects, or the defrost drainage channel and surrounding components could get damaged.

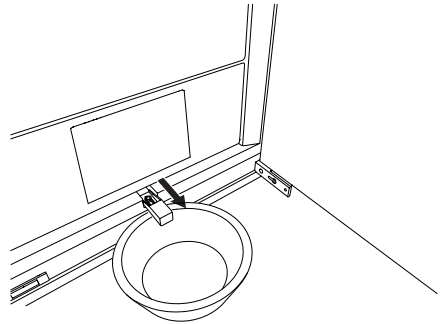
Defrosting the freezer compartment


A thick layer of ice will prevent the cold from being transferred to the frozen food. Therefore, the freezer compartment should be defrosted if a lot of ice has formed. When defrosting, keep frozen food as cold and insulated as possible, e.g. by wrapping it in newspaper.



Do not use pointed objects to remove ice or food that has frozen on solid. Do not use electrical heaters or naked flames for defrosting.

- ▶ Switch the appliance «off» using the  button.
- ▶ Remove the defrost drainage channel and place the drain tray underneath.
- ▶ Leave the freezer compartment door open.



- ▶ After defrosting, clean the interior and dry thoroughly.
- ▶ Start the appliance again using the  button.

8.6 When the appliance is not in use

- ▶ If the appliance is not to be used for an extended period of time, switch it off.
- ▶ Empty and clean the appliance.
- ▶ Leave the refrigerator and freezer compartment doors open.

9 Noises and alarms

9.1 Operating noise

The appliance can make various noises during operation. Although the appliance is noise-optimized, some noise cannot be eliminated completely. This noise depends on the size of the appliance, how it is installed and the cooling requirements (e.g. fast cooling), the ambient temperature and the installation conditions. Operating noises are particularly audible immediately after switching on the compressor; however, these noises become quieter as the appliance runs.

Unusual noises are often caused by improper installation. The appliance must be installed on a level and stable surface. In open kitchens or in the case of appliances installed in partitioned areas, normal operating noises may seem louder. This is not a fault but rather an effect of the design/architecture.

Noise	Cause	Remark
Buzzing	Cooling aggregate	Normal operating noise made by the cooling unit; volume depends on the size of the appliance and the load-dependent speed of the compressor motor.
Gurgling, bubbling, hissing	Cooling circuit	Normal operating noise as refrigerant flows through the cooling circuit.
Hissing	Cooling circuit	Normal operating noise as refrigerant is injected into the evaporator.
Rattling	Glass shelves, baskets, door trays, contents, etc.	Arrange the parts in the interior so that they are fixed in place and not touching.
Creaking	Housing	Normal, temperature-dependent stress-strain of the materials, e.g. plastics, insulation.

9.2 Warning and alarm signals

Warnings when the appliance doors are open

If the cooling compartment or freezer compartment door is open for several minutes, the following alarm signals occur:

Time	Alarm signals
After 2 minutes	LEDs flash every 15 seconds.
After 3 minutes	LEDs flash every 5 seconds.
After 4 minutes	LEDs flash rhythmically every second.
After 10 minutes	An acoustic alarm sounds for 3 minutes. The acoustic alarm repeats every 30 minutes.

Temperature alarm

An acoustic signal sounds if the cooling compartment temperature rises 10 °C above the selected temperature value.

Cancelling alarm

- ▶ Touch any button.
- ▶ Resolve problem, see Trouble-shooting.



When the Sabbath mode is activated, there are no visual warning signals.

10 Trouble-shooting

This section lists faults that can be solved simply by following the instructions given. If the fault cannot be remedied, please contact Customer Services. Before contacting Customer Services:

- ▶ please note down
 - the serial number (SN), which is shown on the identification plate),
 - the sequence of events that led to the fault.

Malfunction	Possible cause	Solution
Appliance is not working.	▪ An interruption in the power supply.	▶ Check the power supply. ▶ Replace the fuse. ▶ Reset the automatic circuit breaker.
	▪ The fuse or circuit breaker keeps blowing.	▶ Contact Customer Services.
	▪ Appliance is faulty.	▶ Contact Customer Services.
Illumination is not working.	▪ Sabbath mode is active. (Function dependent on model.)	▶ Deactivate the Sabbath mode. (Function dependent on model.)
	▪ LED light bulb is defective.	▶ Contact Customer Services.
Illumination is flashing.	▪ Appliance door has been standing open for more than 2 minutes.	▶ Close the appliance door.
	▪ Appliance door was not closed properly.	

Malfunction	Possible cause	Solution
Error display F₋	▪ Various situations can lead to an «F» message.	▶ Contact Customer Services.
Error display F!	▪ Temperature sensor in the refrigerator compartment is defective.	▶ Contact Customer Services.
		– The appliance enters the emergency mode. The refrigerator compartment is cooled at the same output level as before the temperature sensor malfunction.

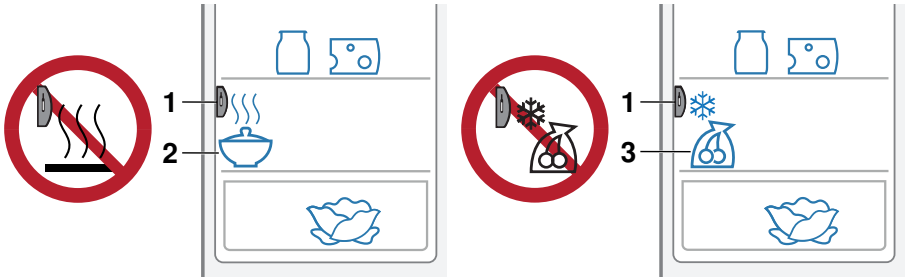
Malfunction	Possible cause	Solution
Temperature display is flashing.	<ul style="list-style-type: none"> ▪ The refrigerator compartment temperature is 10 °C higher than the set temperature. 	<ul style="list-style-type: none"> ▶ Do not place warm foods right next to the temperature sensor. ▶ If there is no warm food in the appliance: call Customer Services.
	<ul style="list-style-type: none"> ▪ There has been a power failure. The flashing temperature display shows the temperature when the appliance is put back into service. 	<ul style="list-style-type: none"> ▶ Touch any button. <ul style="list-style-type: none"> – The set temperature is shown in the temperature display. ▶ Check any refrigerated or frozen food and discard if spoiled.

11 Tips and tricks

11.1 General information on using the appliance

- When closing an appliance door make sure that it forms a proper seal all the way round. The self-closing hinges help keep it closed: the appliance doors close by themselves if the opening angle is between 20–30°.
- The electronic controller defrosts the refrigerator compartment once a day. A visible layer of snow and ice on the rear wall of the refrigerator compartment is therefore normal.
- At high ambient temperatures, a significant amount of ice may form on the rear wall. This is normal: due to the high humidity, more water condenses in the appliance and ices up. Defrost the appliance manually only if necessary.
- The food must not come into contact with the rear wall of the refrigerator compartment or it may freeze on. Additionally, water may enter the refrigerator compartment during defrosting.
- It can take several hours for food and beverages to cool down from room temperature to the temperature of the refrigerator compartment.
- Opening the door for long periods can cause a significant increase of the temperature in the cooling zones of the appliance.
- Make sure that food or food items on the glass shelves do not tip over when the appliance door is closed or prevent it from closing properly.
- Changing the temperature setting has no effect on the cooling rate. The fast cooling/freezing functions (depending on model) increase the cooling rate.

- Placing very warm **2** or very cold items **3** (e.g. warm, bottled sauces or frozen food for defrosting) directly in front of the temperature sensor **1** can affect the temperature regulation of the appliance adversely: it may cool too little or too much.



11.2 Notes on saving energy

- Leave the drawers, glass shelves and door trays as far as possible in the positions that they were in upon delivery. These ensure ideal temperature distribution and efficiency.
- Only open the appliance doors when necessary and keep them open for as short a time as possible.
- Allow hot or warm food to cool down before putting it in the appliance.
- Store food that releases moisture in closed containers or covered in the refrigerator compartment. Moisture can cause the rear wall of the refrigerator to ice up more quickly and reduce its cooling capacity.
- For ideal air circulation: Do not store food and food items too close to each other.

12 Technical data

Product data

- Identification plate, energy label and at www.vzug.com

Warranty claim

The manufacturer's warranty is valid for 24 months starting from when the appliance is first put into service.

External dimensions

- See installation instructions

Electrical connection

- See identification plate 

Spare parts

V-ZUG Ltd provides spare parts for 15 years after the making available on the market of the last appliance with this type designation. Deviations from this are subject to consideration of and compliance with the applicable ecodesign regulations on the availability of spare parts.

Energy consumption

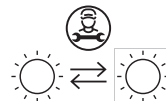
The declared energy consumption was determined with a kitchen cabinet depth of 560 mm. The appliance is fully functional with a kitchen cabinet depth of 550 mm but will have a slightly increased level of energy consumption. All functions (e.g. fast cooling) are deactivated while energy consumption is being measured.

Light sources



Light sources may only be replaced by a service technician.

This product contains light sources of energy efficiency class E.



13 Disposal

13.1 Packaging



Never allow children to play with packaging material due to the danger of injury or suffocation. Store the packaging material in a safe location or dispose of it in an environmentally-friendly way.


13.2 Safety

Render the appliance unusable to prevent accidents caused by improper use (e.g. through children playing):

- ▶ Disconnect the appliance from the mains. With a fixed appliance, this is to be carried out by a qualified electrician. Then cut the mains cable off flush with the appliance.

13.3 Disposal



-  The «crossed out wheeled bin» symbol requires the separate collection of waste electrical and electronic equipment (WEEE). Such equipment can contain hazardous, environmentally harmful materials.
- These appliances are to be handed over to a designated collection point for the recycling of electrical and electronic equipment and must not be disposed of with unsorted household waste. And in this way, you will be helping to protect resources and the environment.
- For more information, please contact the local authorities.

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15 Notes

16 Service & Support



The «Trouble-shooting» section gives you valuable tips on how to deal with minor malfunctions yourself, saving you the time and trouble of calling out a service technician and any cost that goes along with it.

Information on the V-ZUG warranty can be found at www.vzug.com →Service →Warranty information. Please read this information carefully.

Please register your V-ZUG appliance straightaway:


- online at www.vzug.com →Service →Online warranty registration or
- using the enclosed registration card.

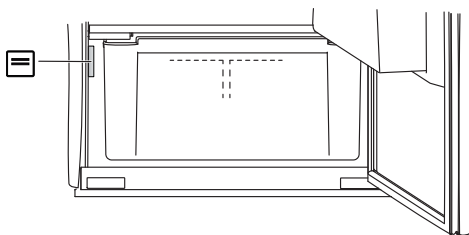
This will allow you to take advantage of the best possible support in the event of a fault in the appliance during the guarantee period. You will require the serial number (SN) and appliance designation to register your appliance. You will find them on the identification plate of your appliance.

My appliance information:

SN: _____ **Appliance:** _____

Please have this appliance information to hand when contacting V-ZUG. Thank you.

The identification plate  is located to the left of the vegetable drawer.



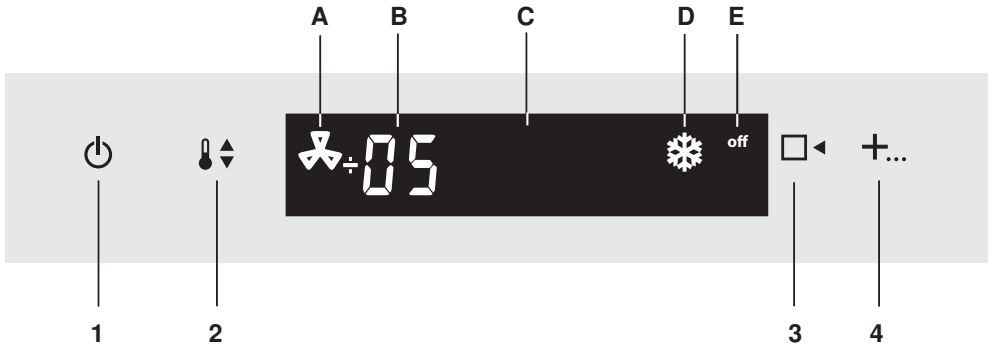
Your repair order

Call the free service number 0800 850 850 to contact your nearest V-ZUG service centre. You can arrange an on-site visit by us by phone if you wish.

General queries, accessories and service agreement

V-ZUG will be happy to help you with any general administrative or technical queries, to accept your orders for accessories and spare parts and to inform you about our progressive service agreements. You can contact us by calling tel. +41 58 767 67 67 or by going to our website at www.vzug.com.

Quick instructions



Displays

- A Fast cooling
- B Refrigerator compartment temperature display
- C Display
- D Fast freezing
- E Appliance switched off

Buttons

- 1 ON/OFF
- 2 Temperature setting, confirming a setting
- 3 Preselection
- 4 Select special functions



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