

UNDERCOUNTER FRIDGE

MODEL: AX140NX



USER MANUAL

INDEX

CHAPTER	SUBJECT	PAGE
1.	Preface	2
2.	Explanation of the signal words	2
3.	Climatic Classes	3
4.	Safety instructions	3
5.	Installation	5
6.	Description of the appliance	8
7.	Thermostat and operation	9
8.	Cleaning and maintenance	11
9.	Decommissioning	13
10.	Trouble shooting	14
12.	Waste management	16

**Technical modifications as well as misprints shall remain reserved.
Please read this manual carefully before you use or install the appliance.**

EU - Conformity Declaration

The EU Conformity Declarations concerning the products, which are described in this instruction manual, are available.

The relevant documents can be requested from the final retailer by the competent authorities.

- ▶ The figures in this instruction manual may differ in some details from the current design of your appliance; delivery without content.
- ▶ Nevertheless follow the instructions in such a case

1. PREFACE

Dear customer

When you are familiar with this instruction manual operating the appliance will not cause you any problems.

Before your appliance was allowed to leave manufacturer`s works, it was carefully checked according to our safety and operating standards.

If your appliance is **visibly damaged do not connect it to the power supply.** Contact the shop you purchased the appliance at.

1. **The appliance is intended for private use only.**
2. **The appliance is intended for storing and cooling food only.**
3. **The appliance is intended for indoor-use only.**
4. **Only operate the appliance in accordance with its intended use.**
5. **Do not allow anybody who is not familiar with this instruction manual to operate the appliance.**
6. **Retain this manual in a safe place for future reference.**
7. **If you transfer the appliance to a third party, also hand over this instruction manual.**

- Strictly observe the safety instructions so you will enjoy your appliance for a long period of time.
- Any modifications, which do not influence the functions of the appliance. shall remain reserved by the manufacturer.
- Please dispose of the packing with respect to your current local and municipal regulations.

2. EXPLANATION OF THE SIGNAL WORDS

Strictly observe the signal words this instruction manual contains.

⚠ DANGER! indicates a hazardous situation which, if ignored, will result in death or serious injury.

⚠ CAUTION! indicates a hazardous situation which, if not avoided, may result in minor or moderate injury.

⚠ WARNING! indicates a hazardous situation which, if ignored, could result in death or serious injury.

NOTICE! indicates possible damage to the appliance.

Pictograms



RISK OF ELECTRIC SHOCK

indicates a possible risk of electric shock when you do not observe the corresponding information and/or warning.



RISK OF FIRE indicates a possible risk of fire when you do not observe the corresponding information and/or warning.

3. CLIMATIC CLASSES

NOTICE!

Look at chap. "Technical Data" for information about the climatic class of your appliance. Your appliance can be operated in rooms with relevant room temperatures as named below

CLIMATIC CLASS	AMBIENT TEMPERATURE
SN	+10 ⁰ →+32 ⁰ C e.g. unheated cellar
N	+16 ⁰ →+32 ⁰ C inner home temperature
ST	+16 ⁰ →+38 ⁰ C inner home temperature
T	+16 ⁰ →+43 ⁰ C inner home temperature



This appliance is equipped with the environmental-friendly refrigerant R600a. The refrigerant R600a is **flammable**. The components of the cooling circuit must neither be damaged during transport nor use.

4. SAFETY INSTRUCTIONS

- ➡ Store this manual in a safe place so you can use it whenever it is needed.
- ➡ The instructions and descriptions this manual contains are designed for various types of fridges and freezers. So the manual may contain some descriptions of functions or accessories which are not part of your current appliance.
- ➡ Check the technical periphery of the appliance! Do all wires and connections to the appliance work properly? Or may they be time-worn and do not match the efficiency of the appliance? A check-up of existing and newly-made connections must be done by an authorized professional.
- ➡ All connections and energy-leading components (also wires inside a wall) must be checked by an authorized professional.
- ➡ Do not connect your appliance to the electric supply unless all packaging and transit protectors have been removed.
- ➡ This appliance may be operated by **children** aged from 8 years and above as well as by persons with reduced physical, sensory and mental capabilities or lack

of experience and knowledge if they are supervised or have been instructed concerning the safe use of the appliance and do comprehend the hazards involved. **Children** must not play with the appliance. Cleaning and **user-maintenance** must not be carried out by **children** unless they are supervised.

Transport and handling

1. If you move the appliance, hold it at its base and lift it up carefully. Hold the appliance in an upright position.
2. Do not tilt the appliance more than 45°.
3. Never use the doors to move the appliance. This will damage the hinges.
4. The appliance must be transported by at least **two persons**.
5. If the appliance is transported in a horizontal position, some oil may flow from the compressor into the refrigerant circuit.
6. Leave the appliance in an upright position for **4-6 hours** before you switch it on to ensure, that the oil has flowed back into the compressor.
7. The supply cord must not be caught under the appliance while or after moving it.



Refrigerant circuit



1. Do not damage the refrigerant circuit. The appliance uses the environmental-friendly refrigerant R600a. The refrigerant R600a is flammable !!! Therefore **the cooling circuit must not be damaged in any way** neither by transport nor use.
2. If any part of the cooling circuit is damaged, the appliance must not stand near a fire, naked light or spark-generating devices. Contact the shop you purchased the appliance at immediately .
3. **If gas is set free in your home:**
 - ➡ Open all windows.
 - ➡ **Do not** unplug the appliance and **do not** use the control panel or thermostat.
 - ➡ **Do not** touch the appliance until all the gas has gone.
 - ➡ Otherwise sparks can be generated which will ignite the gas.
4. Keep all components of the appliance away from fire and other sources of ignition when you dispose of or decommission the appliance.

Inside the appliance

1. **EXPLOSION HAZARD!** Do not store any explosive materials or sprays, which contain flammable propellants, in your appliance. Explosive mixtures can explode there.
2. Do not put hot liquids or hot foodstuff into the appliance.

Final safety instructions

1. This appliance is designed for the use by adults only.
2. The air vents of the appliance or its built-in structure (if the appliance is suitable for being built-in) must be completely open, unblocked and free of any kind of dirt.
3. The condenser and the compressor, located at the rear of the appliance, can reach high temperatures during ordinary operation. Carry out the installation according to this manual. An insufficient ventilation of the appliance will impair its operation and will damage the appliance. Do not cover or block the ventilation slats at any time
4. Children must neither play with nor around the appliance. Children must not sit on the drawers or hang on to the doors of the appliance.
5. Do not use the base, the drawers, the doors etc. to stand on or as supports.
6. The appliance is not intended for commercial purposes.
7. Do not use the appliance for camping.
8. Do not use the appliance in public transport.
9. The appliance is designed for indoor use only.

5. INSTALLATION

Unpacking and Positioning

1. Unpack the appliance carefully. Dispose of the packaging as described in chapter waste management.
2. Completely remove the transport-protection. Be very careful and do not use any aggressive or abrasive detergents to remove residuals of the transport-protection.
3. Install the appliance in a suitable position with an adequate distance from sources of heat and cold.
4. Check that the appliance and the power cord are not damaged.
5. Install the appliance in a dry and well-ventilated place.
6. Protect the appliance from direct sunlight.
7. Do not install the appliance in a place where it may come in contact with water/rain; otherwise the insulation of the electrical system will be damaged.
8. The doors must open completely and without hindrance.
9. Install the appliance on a level, dry and solid floor. Check the correct installation with a bubble level.
10. Connect the appliance to the mains properly.
11. The nameplate is situated inside the appliance or at the back.



Electrical connection



⚠️ WARNING!

Do not connect the appliance to the mains unless you have removed the complete packaging

1. An electrical supply of 220-240V AC / 50 Hz is required.
2. Connect the appliance to a suitable and dedicated socket only.
3. For your personal safety, the appliance must be grounded. The appliance is equipped with a 3-pole grounding plug. Use a safety socket to minimize the risk of an electric shock.
4. The appliance must not stand on the power cord.
5. If the power cord is damaged, it must be replaced by the manufacturer or its service agent or a similar qualified person in order to avoid any kind of hazard.
6. Check if the technical data of your energy supply meet the values on the nameplate.
7. Do not modify the appliance.
8. Do not attempt to repair the appliance alone. Repairs carried out by unauthorized persons can cause serious damage. Always contact the shop you purchased the appliance at. Original spare parts should be used only.
9. Your domestic circuit must be equipped with an automatic circuit breaker.
10. Do not use any electric appliances inside the food storage compartments of your appliance unless they are recommended by the manufacturer of your refrigerator.
11. Do not put any heat-radiating appliances onto your appliance.
12. Do not put a water-boiler or vases onto your appliance. The electrical components of your appliance can be seriously damaged by water over-boiling or spilled water.

⚠️ WARNING!

Do not use a socket board or a multi socket when using 220–240 V/50 Hz alternate current (AC). All electrical connections which may be damaged must be repaired by a qualified professional.

All repairs should be performed by your authorized after sales service.

Changing of the hinge position

⚠ WARNING! Unplug the appliance before you change the hinge position. Empty the appliance. **Carry out the change with at least 2 persons.**

1. Remove the 2 cover caps on the worktop carefully with a small pointed object and unscrew the 2 worktop-screws (fig. 1). Then unscrew the screws on the back. Remove the worktop and the top hinge bracket (fig. 2).
2. Open the door a bit and remove it from the bottom hinge.
3. Tilt the appliance slightly backwards. A second person should hold the appliance now so you have access to the bottom hinge.
4. Remove the 2 screws of the bottom hinge. Remove the adjustable foot on the left and fix it on the opposite side (fig. 3).
5. Fix the bottom hinge on the opposite side.
6. Remove the sealing plug from the top left opening of the door and press it firmly into the top right one.
7. Place the worktop upside down. Remove the hinge bracket (with axis, fig. 2) and fix it on the opposite side. Do not tighten the screws too firmly.
8. Reinstall the door. Check, that the hinge axis meets its proper position in the bottom left opening of the door.
9. Place the worktop on the appliance with the door closed. Check, that the top axis meets the top opening (where the seal plug was). Fasten the 2 top screws first and then the screws on the back slightly. Adjust the worktop properly. Check, that the door is adjusted perpendicularly.
10. Now tighten all 4 screws of the worktop. Do not tighten the screws too firmly.

fig. 1

Remove the worktop by removing the 2 screws on the top and the two screws on the back. Remove the 2 cover caps on the top with a small flathead screwdriver before.

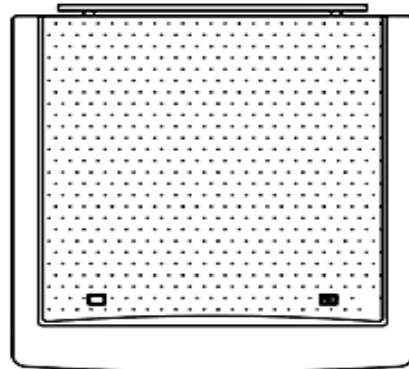


fig. 2

Remove the hinge and fix it on the opposite side. Do not tighten the screws too firmly.

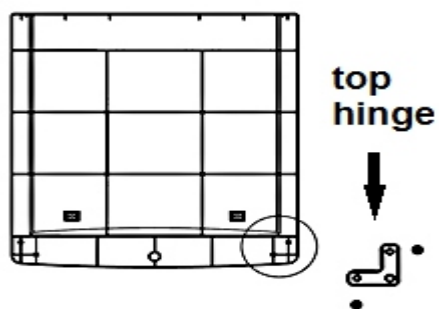
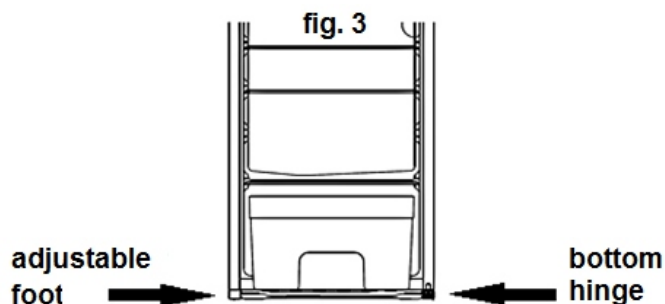


fig. 3



Adjust the door properly. The seals must close properly.

6. DESCRIPTION OF THE APPLIANCE



The appliance you have purchased may be an enhanced version of the unit this manual was printed for. Nevertheless, the functions and operating conditions are identical. This manual is therefore still valid.

1	Worktop	5	Dorr trays
2	Thermostat	6	Bottle pocket
3	Shelves	7	Adjustable foot
4	Crisper		

7. THERMOSTAT AND OPERATION

Temperature control



After having installed the appliance wait 4 hours before you connect it to the mains.

⚠WARNING!

THE THERMOSTAT CONTROLS THE COMPRESSOR ONLY .
You must unplug the appliance to disconnect it from the mains.

Setting	Position
Minimum	Position 1
Normal	Position 4
Maximum	Position 7

1. Set the thermostat to position 7.
 2. Now let the empty appliance operate for 2 hours.
 3. Then set the thermostat to position 4 NORMAL. You can store food in the appliance now.
 4. In case of high outdoor temperatures (e.g. hot summer days) select position 5-7 or higher to set a lower temperature.
 5. If you choose a low temperature and some rime is generated at the back of the appliance, we recommend you select a higher temperature.
 6. Adapt the temperature setting to the outdoor temperature.
 7. If you have disconnected the appliance from the energy supply, wait 3-5 minutes before you restart the appliance. Otherwise the appliance can be damaged.
- The setting definitions are standard values only.

Operation parameters

1. The appliance can only reach the relevant temperatures inside the freezing compartment, when:
 - a. the ambient temperature meets the climatic class.
 - b. the doors close properly.
 - c. you do not open the doors too often or too long.
 - d. the door seals are in proper condition.
 - e. the appliance is properly positioned.

- f. you have not overfilled the appliance.
2. High ambient temperatures and simultaneously operating at the coldest setting may make the compressor operate permanently to keep the temperature constant inside the appliance.

Helpful hints/energy saving

- ➡ Cooked food can be stored in the appliance. Let it cool down to room temperature before you put it into your appliance.
- ➡ Store your food in colourless, airtight and tasteless materials.
- ➡ Use the egg-trays, the trays in the door and the pockets for bottles. You can also store food such as butter, milk etc. there.⁵
- ➡ Some food like meat, fish etc. may become dry and release strong odours. You can avoid these by wrapping them into aluminium foil or plastic wrap or putting them into an airtight bag or container.
- ➡ Allow ample storage place for your food. Do not overfill your appliance.
- ➡ Wrap your food in plastic wrap or suitable paper and place each kind of food in a particular location in your appliance. This will prevent any contamination, a loss of water and a mingling of odours.
- ➡ Let warm or hot food cool down to room temperature before you put it into your appliance. Otherwise the energy consumption will increase and encrusted ice will be generated.
- ➡ If you buy frozen food, the packaging must not be damaged and the product must be properly stored (sales container -18°C or lower).
- ➡ How to defrost frozen food depends on your kitchen-equipment and the purpose, you want to use the frozen food for.
 - room temperature
 - in the cooling-compartment of your appliance
 - in an electrical oven⁶
 - in a microwave⁷
- ➡ Try opening the door as little as possible, especially when the weather is warm and humid.
- ➡ If you open the door, close it as fast as possible.
- ➡ Permanently check, if the appliance is well-ventilated. The appliance has to be well-ventilated from all sides.
- ➡ Set the temperature control from a high to a low position as soon as it is possible. This depends on the amount of contents and the room temperature.
- ➡ Bring food to room temperature before you put it into the appliance.
- ➡ Encrusted ice causes a higher energy consumption. Defrost encrusted ice if its

5

Equipment and accessories depend on the model you have purchased.

⁶Regard the corresponding functions of your oven.

⁷Regard the corresponding functions of your microwave.

diameter is more than 3 mm (1/8 ").

- ▶ Put the frozen food you want to defrost into the cooling-compartment of your appliance.

8. CLEANING AND MAINTENANCE

⚠WARNING!

Disconnect the appliance from the mains before you clean or maintain it.

- ▶ Always keep the appliance clean so that unpleasant odours do not occur.
- ▶ Do not touch the extremely cooled surfaces with wet or damp hands, because your skin may stick on these surfaces.
- ▶ Dust deposits on the condenser will increase the energy consumption. Clean the condenser twice a year with a vacuum cleaner or a soft brush.
- ▶ Take off all rings and bracelets before cleaning or maintaining the appliance; otherwise you will damage the surface of the appliance.

Detergent

- ▶ Do not use any harsh, abrasive or aggressive detergents.
- ▶ Do not use any solvents.
- ▶ These instructions are valid for all surfaces of your appliance.

External cleaning

1. Use a moist cloth and a mild, non-acidic detergent. Use a suitable detergent for stubborn stains.
2. Use clear water to rinse.
3. Dry the cleaned surfaces with a cloth.

Internal cleaning

1. Clean the shelves and the inside with warm water and a mild detergent.
2. Use clear water to rinse.
3. Dry the cleaned surfaces with a cloth.

Door seals

- ▶ Clean with warm water and a mild, non-acidic detergent.

Do not use any abrasive detergents! Do not use any organic detergents!⁸
Do not use essential oils!

Defrosting

⚠WARNING!

Do not use any steam cleaners to clean or defrost the appliance. The steam can get into contact with the electrical parts and cause an electrical short. **Risk of electric shock!**

⁸
Detergents such as vinegar, citric acid etc.

➡ **Cooling compartment**

1. The cooling-compartment is defrosted automatically. The water runs in a container near the compressor.

➡ **Manual defrosting (optional)**

1. Remove the contents from the freezing-compartment and put them into a cooling box.
2. Switch off the appliance by turning the thermostat to position 0/AUS/OFF and **disconnect it from the mains.**
3. When the encrusted ice melts put some dry cloths into the freezer-compartment to hold the water back.
4. Remove the big pieces of ice first.
5. Afterwards remove the small pieces of ice.
6. Wipe and dry the appliance and door seals with dry and soft cloths.
7. After cleaning leave the door open for some time to ventilate the appliance.

NOTICE!

Never use mechanic devices, knives or other sharp-edged items to remove encrusted ice inside the appliance.

Replacing of the illuminant

1. **Unplug the appliance.**
2. Remove the glass shelves by carefully pulling them off their guides.
3. Remove the plastic cover of the illuminant and screw out the illuminant.
4. Install a new one of the same kind and power.
5. Fix the cover.
6. Replace the glass shelves



- ➡ According to the EU regulation No. 244/2009, your appliance is classified as a household appliance in accordance with the ecodesign requirements for non-directional household lamps. This means that bulbs, which are used in household appliances, must not be used to illuminate domestic establishments.

Replacing of the power cord

⚠ DANGER!

The power cord must be replaced by a qualified and authorized professional only.

9. DECOMMISSIONING

WARNING

If you decommission your appliance temporarily, ensure that children cannot get into the appliance. Strictly observe the corresponding safety instructions numbers. 1 and 4, chapter Decommissioning, ultimate.

Decommissioning, temporarily

➡ **If the appliance is not used for a longer period of time:**

1. Draw the plug out of the socket.
2. Remove all food stored in the appliance.
3. Dry the inside of the appliance with a cloth and leave the door open for a few days.

➡ **While away on an average vacation/holiday (14-21 days):**

1. Do the same as described above, or
2. let the appliance operate.
 - a. remove all perishable food from the cooling compartment.
 - b. clean the cooling compartment.
 - c. freeze all food which is suitable to be frozen.

➡ **If you want to move the appliance:**

1. Secure all removable parts and the contents of the appliance. Pack them separately if necessary.
2. Transport the appliance in an upright position only. All other positions can cause damage to the compressor.
3. Do not damage the feet of the appliance.

Decommissioning, ultimate

1. Draw the plug out of the socket.
2. Cut off the power cord at the appliance.
3. Completely remove every door of the appliance.
4. Leave the shelves in their position so that children are not able to get into the appliance.
5. Follow the advice for the disposal of the appliance in chapter 12.

10. TROUBLE SHOOTING

DANGER!

If your appliance does not seem to run correctly, please contact the shop you purchased the appliance at.
DO NOT ATTEMPT TO REPAIR THE APPLIANCE YOURSELF.

MALFUNCTION

POSSIBLE CAUSE

MEASURE

The appliance does not work at all.

- | | |
|---|--|
| ➡ The plug of the appliance is not connected to the socket. | ➡ Check the corresponding socket by connecting it with another appliance. |
| ➡ The plug has become loose. | ➡ Check the fuse box. |
| ➡ The socket is not supplied with energy. | ➡ Compare the data on the model plate with the data of your energy supplier. |
| ➡ The fuse is switched off. | |
| ➡ The voltage is too low. | |

The compressor does not work at all.

- | | |
|----------------------------|----------------------------|
| ➡ Incorrect energy supply. | ➡ Check the energy supply. |
|----------------------------|----------------------------|

The compressor operates for too long.

- | | |
|--|--|
| ➡ The appliance has been switched off for a while. | ➡ The appliance needs some time to reach the preset temperature. |
| ➡ Too much or too hot food in the appliance. | ➡ Remove any hot food. |
| ➡ Doors opened too often or too long. | ➡ Do not open the door too often/too long. |

Unsatisfactory cooling capacity.

- | | |
|---|--|
| ➡ The door was frequently opened. | ➡ Select a different setting if necessary. |
| ➡ The door is not properly closed. | ➡ Check the door/door seals. |
| ➡ Encrusted ice inside the appliance. | ➡ Defrost the appliance. |
| ➡ The current temperature setting is too warm | |
| ➡ Warm or hot food inside the appliance. | |
| ➡ The appliance is overfilled. | |
| ➡ The door seals are damaged. | |

Strong formation of encrusted ice.

- | | |
|---------------------------------------|--------------------------------|
| ➡ The door is not properly closed. | ➡ Close the door. |
| ➡ The door seal is damaged or soiled. | ➡ Clean/replace the door seal. |

The door makes a strange sound when opened.

- | | |
|--|--------------------|
| ➡ The door seals are soiled. | ➡ Clean the seals. |
| ➡ If the appliance shows a malfunction not noted on the schedule above or if you | |

have checked all items on the above schedule but the problem still exists, please contact the shop you purchased the appliance at.

**The operating procedures described below are normal
and do not indicate a malfunction.**

- ➡ The refrigerant generates a sound similar to flowing water.
- ➡ Sometimes you may hear a sound which is generated by the injection process of the cooling circuit.
- ➡ Some humidity may accumulate outside the appliance, especially in a moist surrounding. Simply wipe this humidity away.
- ➡ The sides of the appliance may get warm while the appliance is running.

Distinct noise

When you run the appliance for the first time or the temperature falls below a certain level the appliance will operate with high power to reach the preset temperature.

Condensed water in/on the appliance

may be generated inside or outside the appliance by high humidity or very warm ambient temperatures..

Clicking

You will hear the compressor click if it is activated or deactivated.

Hum

is caused by the compressor while running.

Knocking/snapping

may be generated by sequential expansion and shrinkage of the components of the cooling system. It is caused by variation of temperature before and after the compressor is activated or deactivated.

12. WASTE MANAGEMENT

- ➡ Dispose of the appliance with respect to the national, local and municipal regulations in view of explosive gases.
- ➡ Old appliances should not simply be disposed of with normal household waste, but should be delivered to a collection and recycling centre for electric and electronic waste.
- ➡ Materials used inside the appliance are recyclable and are labelled with information concerning this. By recycling materials or other parts from used devices you make a significant contribution to the protection of our environment.

Packaging

The packaging is recyclable. The recommended modus operandi is:

- ➡ Dispose of any paper and cardboard into the corresponding containers.
- ➡ Dispose of any plastics into the corresponding containers.
- ➡ If a suitable container is not available in your residential area, you can dispose of these materials with your domestic waste; but it would be better to take it to an appropriate facility for waste recycling.

⚠ WARNING!

While unpacking, the packaging materials (polythene bags, polystyrene pieces, etc.) should be kept away from children. CHOKING HAZARD!

Materials marked with this symbol
are recyclable.



- > >PE< = Polyethylen
- > >PS< = Styropor
- > >PP< = Polypropylen

These materials can be recycled when you depose them of in a suitable collecting container of your local facilities.

Appliance

- Do not dispose of the appliance with your domestic waste.
- Waste separation is essential so that the single components of the appliance will be recycled according to their appropriate use.
- Do not dispose of electric appliances as unsorted domestic waste. Use the local or municipal facilities for waste separation.
- If electric appliances are disposed of at landfills, substances which are dangerous to one's health can get into the ground water. Such substances will become part of the food chain and cause damage to your health.



Please contact your local authorities to receive further information regarding waste separation.

⚠ WARNING!

Do not damage the refrigerant circuit.

- The refrigerant circuit of the appliance contains the refrigerant R600a, a natural gas of high environmental compatibility.
- Do not damage any components of the refrigerant circuit during the transport and installation of the appliance.

⚠ The refrigerant R600a is flammable ! ⚠

Safe disposal

- Before you dispose of an old appliance, **render it inoperative**.
 1. Always remove the plug from the socket. Afterwards cut off the power cord directly at the appliance. Dispose of the power cord with the plug immediately.
 2. **Remove the door completely** so that children are not able to get into the appliance; as this endangers their lives!
- Refrigerators and freezers contain refrigerants and gases in their cooling circuit and insulation which have to be disposed of by qualified professionals.
- Do not cause any damage to the cooling ribs and the condensing tubes. If the refrigerant leaks there is **fire hazard**.
- Receive more detailed information from your retailer or your local and municipal facilities.

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