

NORDMENDE™

FREEZER

User manual

RUF148WHA+

Contents

BEFORE USING THE APPLIANCE	3
General warnings	3
Old and out-of-order fridges or freezer	5
Safety warnings	5
Installing and operating your freezer	6
Before using your freezer	6
THE VARIOUS FUNCTION AND POSSIBILITIES	7
Thermostat setting	7
Accessories	7
Ice tray	7
Plastic scraper.....	7
Warnings for temperature settings	7
ARRANGING FOOD IN THE APPLIANCE	8
CLEANING AND MAINTENANCE	11
Defrosting the Your Freezer	12
TRANSPORTATION AND CHANGING OF INSTALLATION POSITION	12
Repositioning the door	13
BEFORE CALLING YOUR AFTER SALES SERVICE.....	13
Tips for saving energy	14
THE PARTS OF THE APPLIANCE AND THE COMPARTMENT.....	14
ELECTRICAL CONNECTION (FOR UK TYPE PLUG).....	15
How to wire a 13 amp plug.....	15

General warnings

WARNING: Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.

WARNING: Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

WARNING: Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

WARNING: Do not damage the refrigerant circuit.

WARNING: In order to avoid any hazards resulting from the instability of the appliance, it must be fixed in accordance with the following instructions:

- If your appliance uses R600a as a refrigerant (this information will be provided on the label of the cooler) you should take care during transportation and installation to prevent the cooler elements from being damaged. R600a is an environmentally friendly and natural gas, but it is explosive. In the event of a leak due to damage of the cooler elements, move your fridge away from open flames or heat sources and ventilate the room where the appliance is located for a few minutes.
- While carrying and positioning the fridge, do not damage the cooler gas circuit.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- This appliance is intended to be used in household and domestic applications such as:
 - staff kitchen areas in shops, offices and other working environments.

- farm houses and by clients in hotels, motels and other residential type environments.
- bed and breakfast type environments;
- catering and similar non-retail applications.
- If the socket does not match the refrigerator plug, it must be replaced by the manufacturer, a service agent or similarly qualified persons in order to avoid a hazard.
- A specially grounded plug has been connected to the power cable of your refrigerator. This plug should be used with a specially grounded socket of 13 amperes. If there is no such socket in your house, please have one installed by an authorised electrician.
- This appliance can be used by children aged from 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 use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- If the supply cord is damaged, it must be replaced by the manufacturer, an authorised service agent or similar qualified persons, in order to avoid a hazard.
- This appliance is not intended for use at altitudes exceeding 2000 m.

Old and out-of-order fridges or freezer

- If your old fridge has a lock, break or remove the lock before discarding it, because children may get trapped inside it and may cause an accident.
- Old fridges and freezers may contain isolation material and refrigerant with CFC or HFC. Therefore, take care not to harm environment when you are discarding your old fridges.
- Please ask your municipal authority about the disposal of the WEEE reuse, recycle and recovery purposes.

Notes:

- Please read the instruction manual carefully before installing and using your appliance. We are not responsible for the damage occurred due to misuse.
- Follow all instructions on your appliance and instruction manual, and keep this manual in a safe place to resolve the problems that may occur in the future.
- This appliance is produced to be used in homes and it can only be used in domestic environments and for the specified purposes. It is not suitable for commercial or common use. Such use will cause the guarantee of the appliance to be cancelled and our company will not be responsible for losses incurred.



The above mark is in compliance with the Waste Electrical and Electronic Equipment Directive 2002/96/EC (WEEE). The mark indicates the requirement NOT to dispose the equipment including any spent or discarded batteries as unsorted municipal waste, but use the return and collection systems available. If the batteries or accumulators included with this equipment display the chemical symbol Hg, Cd, or Pb, then it means that the battery has a heavy metal content of more than 0.0005% Mercury, or more than 0.002% Cadmium or more than, 0.004% Lead.

Safety warnings

- Do not connect your freezer to the mains electricity supply using an extension lead.
- Do not plug in damaged, torn or old plugs.
- Do not pull, bend or damage the cord.



- This appliance is designed for use by adults, do not allow children to play with the appliance or let them hang off the door.
- Never touch the power cord/plug with wet hands as this could cause a short circuit or electric shock.
- Do not place glass bottles or beverage cans in the ice-making compartment as they can burst as the contents freeze.
- Do not place explosive or flammable material in your freezer. Place drinks with high alcohol content vertically in the freezer and make sure that their tops are tightly closed.
- When removing ice from the ice-making compartment, do not touch it. Ice may cause frost burns and/or cuts.
- Do not touch frozen goods with wet hands. Do not eat ice-cream or ice cubes immediately after you have taken them out of the ice-making compartment.

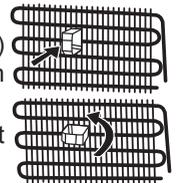


- Do not re-freeze frozen goods after they have melted. This may cause health issues such as food poisoning.
- Do not cover the body or top of freezer with lace. This affects the performance of your freezer.
- Secure any accessories in the freezer during transportation to prevent damage to the accessories.

Installing and operating your freezer

Before starting to use your freezer, you should pay attention to the following points:

- The operating voltage for your freezer is 220-240 V at 50Hz.
- We do not accept responsibility for any damages that occur due to ungrounded usage.
- Place your freezer where it will not be exposed to direct sunlight.
- Your appliance should be at least 50 cm away from stoves, gas ovens and heater cores, and at least 5 cm away from electrical ovens.
- Your freezer should never be used outdoors or exposed to rain.
- When your freezer is placed next to a deep freezer, there should be at least 2 cm between them to prevent humidity forming on the outer surface.
- Do not place heavy items on the appliance.
- Do not place anything on your freezer, and install your freezer in a suitable place so that at least 15 cm of free space is available above it.
- Use the adjustable front legs to make sure your appliance is level and stable. You can adjust the legs by turning them in either direction. This should be done before placing food in the freezer.
- Before using your freezer, wipe all parts with a solution of warm water and a teaspoon of sodium bicarbonate, then rinse with clean water and dry. Place all parts in the freezer after cleaning.
- Install the plastic distance guide (the part with black vanes at the rear) by turning it 90° (as shown in the figure) to prevent the condenser from touching the wall.
- The freezer should be placed against a wall with a free space not exceeding 75 mm.



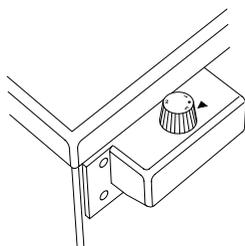
Before using your freezer

- When using your freezer for the first time, or after transportation, keep it in an upright position for at least 3 hours before plugging into the mains. This allows efficient operation and prevents damage to the compressor.
- Your freezer may have a smell when it is operated for the first time. This is normal and the smell will fade away when your freezer starts to cool.



CHAPTER .2 THE VARIOUS FUNCTION AND POSSIBILITIES

Thermostat setting



The freezer thermostat automatically regulates the inside temperature of the compartments. By rotating the knob from position 1 to 3, colder temperatures can be obtained.

Important note: Do not try to rotate knob beyond 1 position it will stop your appliance.

Freezer Thermostat Setting;

1 : For short-term storage of food in the freezer compartment, you can set the knob between minimum and medium position.

2 : For long-term storage of food in the freezer compartment, you can set knob to medium position.

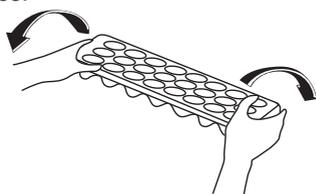
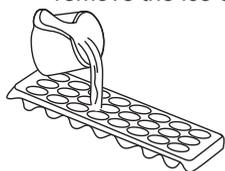
3 : Maximum cooling position. The appliance will work longer.

Note that: The ambient temperature, temperature of the freshly stored food and how often the door is opened, all affect the temperature in the freezer. If required, change the temperature setting.

Accessories

Ice tray

- Fill the ice tray with water and place in the freezer compartment.
- After the water has completely turned into ice, you can twist the tray as shown below to remove the ice cubes.



Plastic scraper

After a period of time frost will build up in certain areas in the freezer compartment. The frost accumulated in the freezer should be removed periodically. Use the plastic scraper provided if necessary. Do not use sharp metal objects for this operation. They could puncture the refrigerator circuit and cause irreparable damage to the unit.



Warnings for temperature settings

- Do not pass to another adjustment before completing an adjustment.
- The ambient temperature, temperature of the freshly stored food and how often the door is opened, affects the temperature in the freezer. If required, change the temperature setting.

- It is not recommended that you operate your freezer in environments colder than 10°C.
- The temperature setting should be set by taking into consideration how often the freezer door is opened and closed, how much food is stored in the freezer and the environment in which and the positioning of the appliance.
- We recommend that when first using the freezer it should be left running for 24 hours uninterrupted to ensure it is completely cooled. Do not open the freezer door, or put food inside for this period.
- Your freezer has a 5 minute built in delay function, designed to prevent damage to the compressor. When power is applied to your freezer, it will begin to operate normally after 5 minutes.
- Your freezer is designed to operate in the ambient temperature intervals stated in the standards, according to the climate class stated in the information label. It is not recommended that your freezer is operated in the environments which are out of the stated temperature intervals in terms of cooling efficiency.
- This appliance is designed for use at an ambient temperature within the 10°C - 43°C range.

Climate class	Ambient (°C)
T	16 to 43 (°C)
ST	16 to 38 (°C)
N	16 to 32 (°C)
SN	10 to 32 (°C)

CHAPTER 3 ARRANGING FOOD IN THE APPLIANCE

- The freezer compartment is used for freezing fresh food, for storing frozen foods for the period of time indicated on packaging and for making ice cubes.
- Do not put fresh and warm food next to frozen food as it can thaw the frozen food.
- While freezing fresh foods (i.e. meat, fish and mincemeat) divide them in portions you will use in a single serving.
- For storing frozen foods, the instructions shown on frozen food packages should always be followed carefully. If no information is provided, food should not be stored for more than 3 months from the purchased date.
- When buying frozen food ensure that these have been frozen at suitable temperatures and that the packing is intact.
- Frozen food should be transported in appropriate containers to maintain the quality of the food and should be returned to the freezing surfaces of the unit in the shortest possible time.
- If a package of frozen food shows the sign of humidity and abnormal swelling it is probable that it has been previously stored at an unsuitable temperature and that the contents have deteriorated.
- The storage life of frozen foods depends on the room temperature, thermostat setting, how often the door is opened, the type of food and the length of time required to transport the product from the shop to your home. Always follow the instructions printed on the packaging and never exceed the maximum storage life indicated.
- Use the fast freezing shelf to freeze home cooking (and any other food which needs to be frozen quickly) more quickly because of the freezing shelf's greater freezing power. Fast freezing shelves are the bottom drawers of the freezer compartment (see page 15).
- While freezing food use the bottom drawer.

Some recommendations have been specified on pages 9, 10 and 11 for the placement and storage of your food in the deep freeze compartment.

Meat and fish	Preparation	Maximum Storing time (month)
Steak	Wrapping in a foil	6 - 8
Lamb meat	Wrapping in a foil	6 - 8
Veal roast	Wrapping in a foil	6 - 8
Veal cubes	In small pieces	6 - 8
Lamb cubes	In pieces	4 - 8
Minced meat	In packages without using spices	1 - 3
Giblets (pieces)	In pieces	1 - 3
Bologna sausage/salami	Should be packaged even if it has membrane	
Chicken and turkey	Wrapping in a foil	4 - 6
Goose and Duck	Wrapping in a foil	4 - 6
Deer, Rabbit, Wild Boar	In 2.5 kg portions and as fillets	6 - 8
Freshwater fishes (Salmon, Carp, Crane, Siluroidea)	After cleaning the bowels and scales of the fish, wash and dry it; and if necessary, cut the tail and head.	2
Lean fish; bass, turbot, flounder		4
Fatty fishes (Tunny, Mackarel, bluefish, anchovy)		2 - 4
Shellfish	Cleaned and in bags	4 - 6
Caviar	In its package, aluminium or plastic container	2 - 3
Snail	In salty water, aluminum or plastic container	3

Note: *Frozen meat should be cooked as fresh meat after being thawed. If the meat is not cooked after being thawed, it should never be frozen again.*

Vegetables and Fruits	Preparation	Maximum Storing time (months)
String beans and beans	Wash and cut to small pieces and boil in water	10 - 13
Beans	Hull and wash and boil in water	12
Cabbage	Cleaned and boil in water	6 - 8
Carrot	Clean and cut to slices and boil in water	12
Pepper	Cut the stem, cut into two pieces and remove the core and boil in water	8 - 10
Spinach	Washed and boil in water	6 - 9
Cauliflower	Take the leaves apart, cut the heart into pieces, and leave it in water with a little lemon juice for a while	10 - 12
Eggplant	Cut to pieces of 2cm after washing	10 - 12
Corn	Clean and pack with its stem or as sweet corn	12
Apple and pear	Peel and slice	8 - 10
Apricot and Peach	Cut into two pieces and remove the stone	4 - 6
Strawberry and Blackberry	Wash and hull	8 - 12
Cooked fruits	Adding 10 % of sugar in the container	12
Plum, cherry, sourberry	Wash and hull the stems	8 - 12

Dairy Products	Preparation	Maximum Storing time (months)	Storing Conditions
Packet (Homogenize) Milk	In its own packet	2 - 3	Pure Milk – In its own packet
Cheese-excluding white cheese	In slices	6 - 8	Original package may be used for short storing period. It should be wrapped in foil for longer periods.
Butter, margarine	In its package	6	

	Maximum Storing time (months)	Thawing time in room temperature (hours)	Thawing time in oven (minutes)
Bread	4 - 6	2 - 3	4-5 (220-225 °C)
Biscuits	3 - 6	1 - 1,5	5-8 (190-200 °C)
Pastry	1 - 3	2 - 3	5-10 (200-225 °C)
Pie	1 - 1,5	3 - 4	5-8 (190-200 °C)
Phyllo dough	2 - 3	1 - 1,5	5-8 (190-200 °C)
Pizza	2 - 3	2 - 4	15-20 (200 °C)

CHAPTER .4 CLEANING AND MAINTENANCE

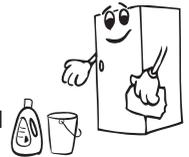
- Disconnect the unit from the power supply before cleaning.



- Do not clean the appliance by pouring water.



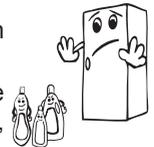
- Make sure that no water enters the lamp housing and other electrical components.



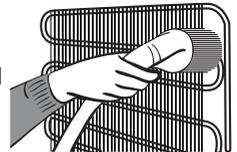
- The refrigerator should be cleaned periodically using a solution of bicarbonate of soda and lukewarm water.



- Clean the accessories separately with soap and water. Do not clean them in the dishwasher.
- Do not use abrasive products, detergents or soaps. After washing, rinse with clean water and dry carefully. When you have finished cleaning, reconnect the plug to the mains supply with dry hands.



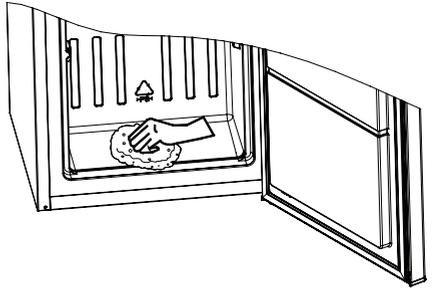
- Clean the condenser with a broom at least twice a year. This will help you to save on energy costs and increase productivity.



! The power supply must be disconnected.

Defrosting the Your Freezer

- Small amounts of frost will accumulate inside the freezer, depending upon the length of time for which the door is left open or the amount of moisture introduced. It is essential to ensure that no frost or ice is allowed to form in places where it will affect the close fitting of the door seal. This might allow air to penetrate the cabinet, encouraging continuous running of the compressor. Thin frost formation is quite soft and can be removed with a brush or plastic scraper. Do not use metal or sharp scrapers, mechanical devices or other means to accelerate the defrosting process. Remove all dislodged frost from the cabinet floor. It is not necessary to switch off the appliance for the removal of thin frost.
- For the removal of heavy ice deposits, disconnect the appliance from the mains supply and empty the contents into cardboard boxes and wrap in thick blankets or layers of paper to keep cold. Defrosting will be most effective if carried out when the freezer is nearly empty and should be carried out as quickly as possible to prevent undue increase in temperature of the contents.
- Do not use metal or sharp scrapers, mechanical devices or other means to accelerate the defrosting process. An increase in temperature of frozen food during defrosting will shorten the storage life. If the contents are well wrapped and placed in a cool area they should keep for several hours.
- Dry the inside of the compartment with a sponge or a clean cloth.
- To accelerate the defrosting process, place one or more bowls of warm water in the freezer compartment.
- Examine the contents when replacing them in the freezer and if some of the packages have thawed out they should be eaten within 24hours, or be cooked and re-frozen.
- After defrosting has finished, clean the inside of the appliance with a solution of warm water with a little bicarbonate of soda and then dry thoroughly. Wash all removable parts in the same way and reassemble. Reconnect the appliance to the mains supply and leave for 2 to 3 hours on setting number 3 before introducing the food back into the freezer.



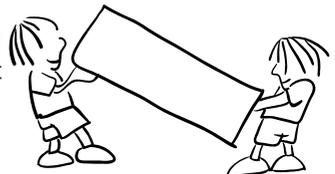
CHAPTER .5

TRANSPORTATION AND CHANGING OF INSTALLATION POSITION

Transportation and changing of Installation position

- The original packages and foamed polystyrene (PS) can be retained if required.
- During transportation, the appliance should be secured with a wide string or a strong rope. The instructions written on the corrugated box must be followed while transporting.
- Before transporting or changing the installation position, all the moving objects (ie, drawer, Ice trays, ...) should be taken out or fixed with bands in order to prevent them from getting damaged.

! Carry your freezer in the upright position.



Repositioning the door

- It is not possible to change the opening direction of your freezer door, if the door handle on your freezer is installed from the front surface of the door.
- It is possible to change the opening direction of the door on models without any handles.
- If the door opening direction of your freezer may be changed, you should contact the nearest Authorised Service to have the opening direction changed.

CHAPTER 6 BEFORE CALLING YOUR AFTER SALES SERVICE

If your refrigerator is not operating as expected, check the solutions listed below before calling an electrician or the after sales service..

What to do if your appliance does not operate:

Check that:

- Your freezer is plugged in and switched on,
- The mains switch in your home is not switched off,
- The thermostat setting is in the “•” position,
- The socket is no longer functioning. To check this, plug in an appliance that you know is working into the same socket.

What to do if your appliance performs poorly:

Check that:

- You have not overloaded the appliance,
- The freezer thermostat setting is in the “1” position (if so set the thermostat dial to a suitable value),
- The door is closed properly,
- There is no dust on the condenser,
- There is enough space for air circulation at the rear and side of the appliance.

If there is noise;

The cooling gas which circulates in the cooling circuit may make a slight noise (bubbling sound) even when the compressor is not running. This is normal. If these sounds are different check that:

- The appliance is well levelled,
- Nothing is touching the rear,
- Nothing on or in the appliance is vibrating.

Recommendations

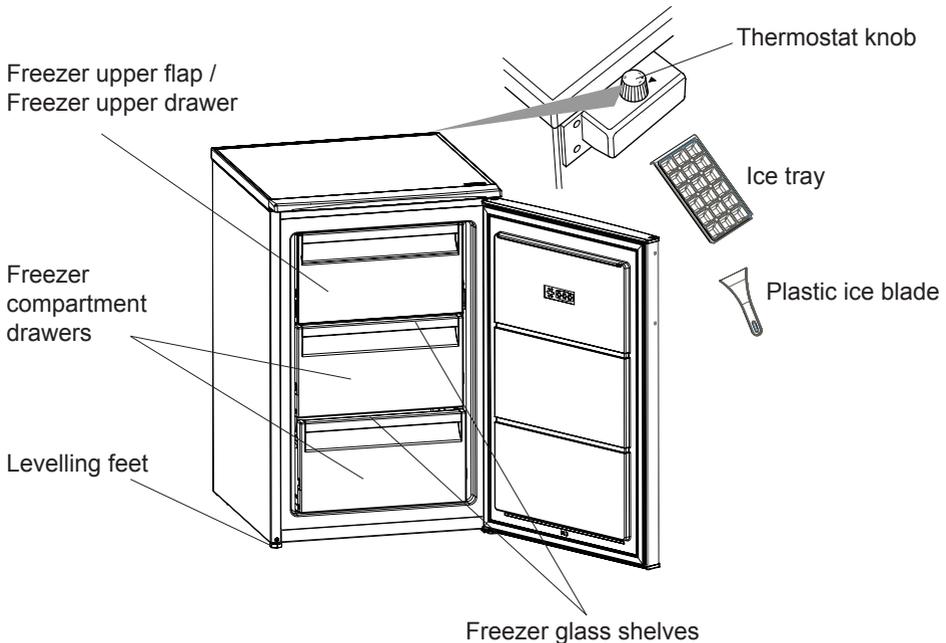
- If the appliance is not used for long time (for example during holidays) defrost and clean the refrigerator, leaving the door open to prevent the formation of mildew and smell.
- To stop the appliance completely, unplug it at the mains socket (for cleaning and when the doors are left open).
- If the problem persists after you have followed all the instructions above, please consult the nearest Authorised Service.
- The appliance you have purchased is designed for home type use and can be used only at home and for the stated purposes. It is not suitable for commercial or common use. If the consumer use the appliance in a way that does not comply with these features, we emphasise that the producer and the dealer shall not be responsible for any repair or failure within the guarantee period.

Tips for saving energy

1. Install the appliance in a cool, well ventilated room , but not in direct sunlight and not near a heat source (radiator, cooker.. etc). Otherwise use an insulating plate.
2. Allow warm food and drinks to cool down outside the appliance.
3. Cover drinks or other liquids when placing them in the appliance. Otherwise humidity increases in the appliance. Therefore, the working time gets longer. Also covering drinks and other liquids helps to preserve smell and taste.
4. Try to avoid keeping the doors open for long periods or opening the doors too frequently as warm air will enter the cabinet and cause the compressor to switch on unnecessarily often.
5. Keep the covers of the different temperature compartments (crisper, chiller ...etc) closed
6. Door gasket must be clean and pliable. Replace gaskets if worn.
7. It is possible to store more food by removing freezer shelf. Energy consumption is declared with maximum load and without freezer shelf.

CHAPTER .7

THE PARTS OF THE APPLIANCE AND THE COMPARTMENT



About freezer glass shelves: When the freezer is unpacked, both two of the freezer glass shelves may be in the lower freezer shelf position. In this situation, remove the bigger shelf and place it on the upper shelf position.

This presentation is only for information about the parts of the appliance.
Parts may vary according to the appliance model.

ELECTRICAL CONNECTION (FOR UK TYPE PLUG)

For your safety please read the following information

Warning: This appliance must be earthed.

This appliance operates from 220-240 volts and should be protected by a 13 amp fuse in the plug.

The appliance is supplied with a standard 13 amp 3-pin mains plug fitted with a 13-amp fuse. Should the fuse require replacement, it must be replaced with a fuse rated at 13 amp and approved to BS1362.

If the mains plug which is fitted is unsuitable for the socket outlet in your home or is removed for any other reason, please follow the instructions below on how to wire a 13 amp 3 pin plug..

How to wire a 13 amp plug.

Important

The wires in the mains lead on this appliance are coloured in accordance with the following code:

Green and Yellow - Earth

Blue – Neutral

Brown – Live

As the colours may not correspond with the markings identifying the terminals in your plug proceed as follows.

The green and yellow wire must be connected to the terminal in the plug which is marked with the letter E or with the earth symbol \perp or coloured green and yellow.

The blue wire must be connected to the terminal marked N.

The brown wire must be connected to the terminal marked L.

You must make sure the lead is firmly secured under the cord clamp.

