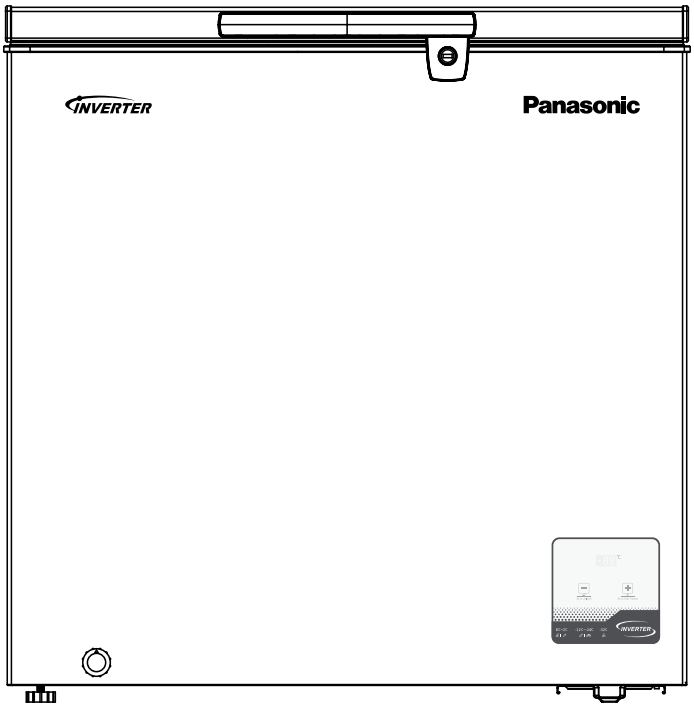
Panasonic®

Operating Instructions
CHEST FREEZER

Model No: NR-CF24VSW**/NR-CF36VSW**

Thank you very much for purchasing Panasonic Chest Freezer



Picture is only for illustration

Manufacturer&Importer: Panasonic Marketing Middle East & Africa FZE
Address: P.O Box 17985, Jebel Ali, Dubai, United Arab Emirates

Before operating this unit, please completely read these instructions especially the **Safety Warnings and Important Instructions**.

SAFETY

WARNING!

It is hazardous for anyone other than authorized service personnel to carry out servicing or repairs which involves the removal of covers. To avoid the risk of an electric shock do not attempt to repair this appliance yourself.

WARNING!

Risk of fire / flammable materials.

Safety tips

Do not use electrical appliances such as a hair dryer or heater to defrost your Freezer.

Containers with flammable gases or liquids can leak at low temperatures.

Do not store any containers with flammable materials, such as spray cans, fire extinguisher refill cartridges etc. in the Freezer.

Do not place carbonated or fizzy drinks in the Freezer compartment. Ice lollies can cause “Frost/Freeze burns”. If consumed straight from the Freezer.

Do not remove items from the Freezer compartment if your hands are damp/wet, as this could cause skin abrasions or “Frost/Freezer burns”. Bottles and cans must not be placed in the Freezer compartment as they can burst when the contents freeze.

Manufacturer’s recommended storage times should be adhered to. Refer to relevant instructions.

Do not allow children to tamper with the controls or play with the Freezer. The Freezer is heavy. Care should be taken when moving it. It is dangerous to alter the specification or attempt to modify this product in any way.

Do not store inflammable gases or liquids inside your Freezer.

If the power cable is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

This refrigerating appliance is not intended to be used as a built-in appliance.

This appliance is intended to be used in household and similar 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.

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

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

Do not damage the refrigerant circuit.

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

Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

– 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 damage the refrigerant circuit.

– 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: Refrigerating appliances – in particular a refrigerator-freezer Type I – might not operate consistently (possibility of defrosting of contents or temperature becoming too warm in the frozen food compartment) when sited for an extended period of time below the cold end of the range of temperatures for which the refrigerating appliance is designed;

– WARNING: The necessity that, for doors or lids fitted with locks and keys, the keys be kept out of the reach of children and not in the vicinity of the refrigerating appliance, in order to prevent children from being locked inside.

– WARNING: The refrigerant used in your appliance and insulation materials requires special disposal procedures.

– WARNING: When positioning the appliance, ensure the supply cord is not trapped or damaged.

– WARNING: Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance

Children aged from 3 to 8 years are allowed to load and unload refrigerating appliances. To avoid contamination of food, please respect the following instructions:

– Opening the door for long periods can cause a significant increase of the temperature in the compartments of the appliance.

–Clean regularly surfaces that can come in contact with food and accessible drainage systems.

–Clean water tanks if they have not been used for 48 h; flush the water system connected to a water supply if water has not been drawn for 5 days.

– Store raw meat and fish in suitable containers in the refrigerator, so that it is not in contact with or drip onto other food.

– Two-star frozen-food compartments are suitable for storing pre-frozen food, storing or making ice-cream and making ice cubes.

– One-, two- and three-star compartments are not suitable for the freezing of fresh food.

–If the refrigerating appliance is left empty for long periods, switch off, defrost, clean, dry, and leave the door open to prevent mould developing within the appliance.

Climate Range

The information about the climate range of the appliance is provided on the rating plate. It indicates at which ambient temperature (that is, room temperature, in which the appliance is working) the operation of the appliance is optimal (proper).

Climate range	Permissible ambient temperature
SN	from +10°C to +32°C
N	from +16°C to +32°C
ST	from +16°C to +38°C
T	from +16°C to +43°C

Note：Given the limit values of the ambient temperature range for the climate classes for which the refrigerating appliance is designed and the fact that the internal temperatures could be affected by such factors as location of the refrigerating appliance, ambient temperature and the frequency of door opening, the setting of any temperature control device might have to be varied to allow for these factors, if appropriate.

If the power cable is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

Note:When operating in an environment other than the specified climate type (i.e., beyond the rated ambient temperature range), the appliance may not be able to maintain the desirable compartment temperatures.

Grounding requirement

Your refrigerator must be grounded. Your refrigerator is equipped with a cord having a grounding wire with a grounding plug. The plug must be inserted into an outlet that is correctly installed and grounded.

Incorrect use of the grounding plug can result in a risk of electric shock. Consult a qualified electrician or service person if

the grounding instructions are not completely understood, or if doubt exists as to whether your refrigerator is

correctly grounded.

Locks

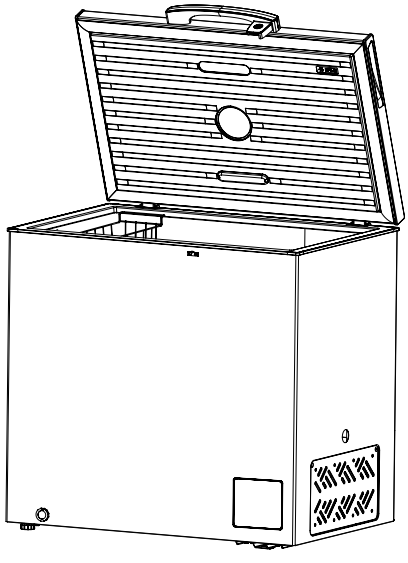
If your Refrigerator is fitted with a lock, keep the key out of reach and not in the vicinity of the appliance to prevent children being entrapped. When disposing of an old Refrigerator, break off any old locks or latches as a safeguard.

Freon-free

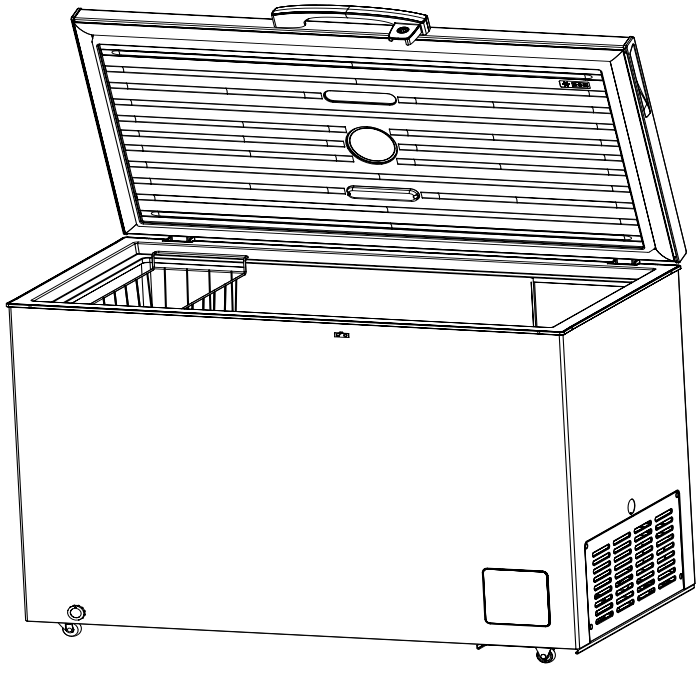
The Freon -free refrigerant (R600a) and the foaming insulation material (cyclopentane) that is environmentally friendly are used for the refrigerator, causing no damage to the ozone layer and having a very small impact on the global warming. R600a is flammable, and sealed in a refrigeration system, without leakage during normal use. But, in case of refrigerant leakage due to the refrigerant circuit being damaged, be sure to keep the appliance away from open flames and open the windows for ventilation as quickly as possible.

NAMES OF THE PARTS

NR-CF24VSW**



NR-CF36VSW**



Due to technological innovation, the product descriptions in this manual may not be completely consistent with your freezer. Details are in accordance with the real product.

WARNING: Never touch the interior of the Freezer Chamber or frozen foods in the compartment with wet hands as this could result in frost bite.

TRANSPORTATION INSTRUCTIONS

The appliance should be transported only in a vertical upright position. The packing as supplied must be intact during

transportation.
If during the course of transport, the product has been transported horizontally, it must only be laid on its left hand side (when facing the door front) and it must not be operated for at least 4 hours to allow the system to settle after the appliance is brought back to upright position.

1. Failure to comply with the above instructions could result in damage occurring to the appliance. The manufacturer will not be held responsible if these instructions are disregarded.
2. The appliance must be protected against rain, moisture and other atmospheric influences.

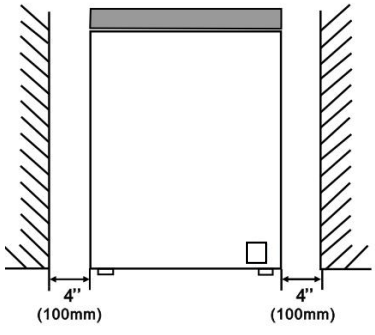
IMPORTANT: Care must be taken while cleaning / carrying the appliance to avoid touching the condenser metal wires at the back of the appliance, as you might injure your fingers and hands or damage your product.
IMPORTANT: This appliance is not designed for stacking with any other appliance. Do not attempt to sit or stand on top of your appliance as it is not designed for such use. You could injure yourself or damage the appliance.
IMPORTANT: Make sure that mains cable is not caught under the appliance during and after carrying / moving the appliance, to avoid the mains cable becoming cut or damaged.**"**
When positioning your appliance take care not to damage your flooring, pipes, wall coverings etc. Do not move the appliance by pulling by the lid or handle. Do not allow children to play with the appliance or tamper with the controls. Our company declines to accept any liability should the instructions not be followed.

INSTALLATION INSTRUCTIONS

1. If possible, avoid placing the appliance near cookers, radiators or in direct sunlight as this will cause the compressor to run for long periods. If installed next to a source of heat or refrigerator, maintain the following minimum side clearances:

From Cookers	4" (100 mm)
From Radiators	12" (300 mm)
From Fridges	4" (100 mm)

2. Make sure that sufficient room is provided around the appliance to ensure free air circulation. Ideally, A space of no less than 10cm must be left around the freezer, and ensure you allow gaps as shown in the below diagram.
3. The appliance should be located on a smooth surface.
4. It is forbidden to use the refrigerator outdoors.
5. Protection from moisture. Do not locate the freezer in moist space to avoid the metal parts rusty. And do not spray water to the freezer, otherwise it will weaken the insulation and causes current leakage.



6. Refer to "Cleaning and Care" section to prepare your appliance for use.
7. If the freezer is installed in unheated areas, garages etc., in cold weather condensation may form on the outer surfaces. This is quite normal and is not a fault. Remove the condensation by wiping with a dry cloth.

STARTING

Final Check
Before you starting to use the freezer, please check that:

1. The interior is dry and air can circulate freely at the rear.
2. Clean the interior as recommended under "CLEANING AND CARE".
3. You will hear a noise as the compressor starts up. The liquid and gases sealed within the refrigeration system may also give rise to noise, whether the compressor is running or not which is quite normal.
4. If you going to store already frozen food open the freezer lid and check that the freezer has reached the correct temperature. Then you can put in your already frozen food.
5. Do not load the appliance immediately after it is switched on. Wait until the correct storage temperature has been reached. We recommend that you check the temperature with an accurate thermometer.

Important Notes:

• If there is a power failure do not open the lid. Frozen food should not be affected if the failure lasts for less than 20 hours. If the failure is longer, then the food should be checked and eaten immediately or cooked and then refrozen.
• If you find that the lid of the chest freezer is difficult to open just after you have closed it, don't worry. This is due to the pressure difference which will equalize and allow the lid to be opened normally after a few minutes.

FREEZER OPERATION

The display panel is illustrated as the figures below:

Functions:

When the system is powered on for the first time, all LED indicators and the digital display light up, and will restore to normal display in 2s. When the digital display screen is on, it will automatically go off if no key operation within 3 minutes, with all keys locked. When the display screen is off, you can wake it up by pressing any key for the first time, and then hold down the "-" key for 3 seconds to unlock the keys.

★Fridge/Freezer

1）Adjustable temperature ranges: 8℃~2℃ at the fridge mode and -12℃ ～-24℃ at the freezer mode, which can be adjusted in a circular manner to realize the fridge/freezer function.

2）After keys are unlocked, the temperature display starts flashing when pressing the "+" / "-" key for the first time, with temperature values subject to change at this time.

When setting the temperature: if the temperature is set at 2℃, it will be adjusted to -12℃ after you press the "-" key; if the temperature is set at - 24 ℃, it will be adjusted to 8℃ after you press the "-" key; if the temperature is set at - 12℃, it will be adjusted to 2℃ after you press the "+" key; and if the temperature is set at 8℃, it will be adjusted to -24℃ after you press the "+" key.

★Fridge temperature setting

You can adjust the temperature value by pressing the "+" / "-" key. When the "+" / "-" key is pressed for the first time, the temperature value is subject to change; and when the "+" / "-" key is pressed again, the set temperature is increased/decreased by 1℃ accordingly. When the temperature range is set to be 8℃~2℃, the fridge mode is enabled.

★Freezer temperature setting

You can adjust the temperature value by pressing the "+" / "-" key. When the "+" / "-" key is pressed for the first time, the temperature value is subject to change; and when the "+" / "-" key is pressed again, the set temperature is increased/decreased by 1℃ accordingly. When the temperature range is set to be -12℃~-24℃, the freezer mode is enabled.

★Fast Freeze

When the “Fast Freeze” function is activated, the freezer temperature is automatically set at -32 ℃, and after running for 26 hours, the Fast Freeze function will get exited. Cooling down the freezer temperature in a rapid manner is beneficial to the prevention of food nutrition against loss and the preservation of freshness.

1）⚠ When the “Fast Freeze” function is active, the temperature is displayed to be "- 32℃", which is subject to no change.

2）To enter or exit the Fast Freeze function

When keys are unlocked, you can hold down the “+” key for 3s to enter or exit the “Fast Freeze” function.

Note: If the freezer temperature is set below zero (i.e., at the freezer mode) before the fast-freeze function is enabled, it will restore to the set temperature after the “Fast Freeze” function exits; and if the freezer temperature is set above zero (i.e., at the fridge mode) before the fast-freeze function is enable, it will return to -18 ℃ by default after the “Fast Freeze” function exits.

★Child Lock

1）When the “Child Lock” function is enabled, the temperature and function cannot be set, in order to prevent misoperation.

2）To enter the “Child Lock” function:
If no key operation within 3 minutes, the freezer “Child Lock” function will be enabled automatically.

3）To exit the “Child Lock” function:
You can hold the “-” key for 3s to exit the “Child Lock” function.

★ Power cut memory

In case of power failure, the freezer will maintain the operating state before power failure when power supply is restored.

★ Power-on delay protection

In order to protect the refrigerator compressor from being damaged in the case of short-time power failure (i.e., less than 5 minutes), the compressor will not be started immediately after it is powered on.

★ Fault alarm

In case E0 is displayed on the operation panel, it indicates fault with the freezer. Please contact the aftersales person for visiting service in such case.

★ Over-temperature alarm

After power on 24 hours, if the compartment temperature is still above 12℃than the set temperature, the fault code “HH” will be displayed, which can be stopped for 10s by pressing any key, but will not be lifted until the temperature difference between the compartment temperature and the set temperature drops below 12℃.

Due to individual factors of the refrigerator, the actual temperature in the box may have a certain error from the set temperature, which is a normal phenomenon and does not affect the normal use of the product.

STORING FROZEN FOOD

Prepackaged commercially frozen food should be stored in accordance with the frozen food manufacturer’s instructions for a freezer compartment.
To ensure that the high quality achieved by the frozen food manufacturer and the food retailer is maintained the following should be remembered:

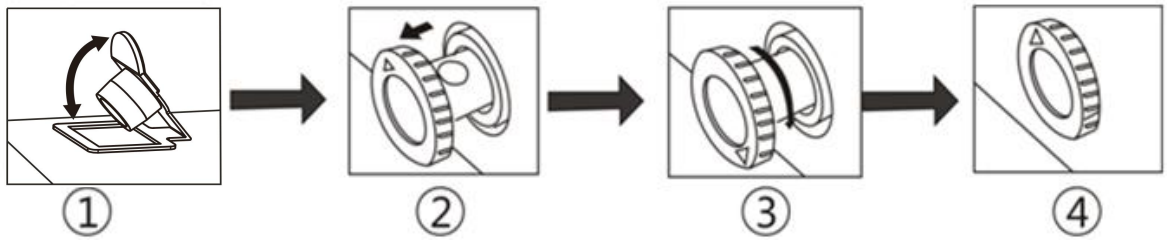
1. Put packets in the freezer as quickly as possible after purchase.
2. Do not exceed “Use By”, “Best Before” dates on the packaging.

FREEZING FRESH FOOD

Place fresh food to be frozen near the side walls to ensure fast freezing and away from already frozen food, if possible.
Never exceed this maximum capacity. Do not freeze too large a quantity at any one time.
The quality of the food is best preserved when it is frozen right through to the centre as quickly as possible.
Take special care not to mix already frozen food and fresh food.

DEFROSTING

Defrost twice a year or when a frost layer of around 7 mm (1/4”) has formed.
Alternatively, you may switch off the freezer at the socket outlet and pull out the mains plug.
Extract the water conduit and put in a water container.
6 hours before the defrosting, please set the thermostat knob at "-24" position to make sure the food is at the lowest temperature when you get it out. All food should be wrapped in several layers of newspaper and stored in a cool place (e.g. fridge or larder).
Remove the freezer basket. Leave the lid open. Containers of warm water may be placed carefully in the freezer to speed up the defrosting.
Never use hairdryers, electrical heaters or other such electrical appliances for defrosting. When defrosting has finished flow out defrost water which collects at the bottom of the freezer as the below diagram and dry the interior thoroughly. Switch on the Fast Freeze and leave it on for about three hours.



1.A drain outlet is designed at the bottom of the freezer liner, and when defrosting, remove its rubber-cover, then the defrosti ng water flows out and is discharged from the drain pipe.
2.Extract the water conduit by 20-25mm until the water hole can be seen.
3.Twist the water conduit until the arrow points downward.
4.After defrosting is done, make sure there is no more water coming out before out the water conduit in place and make the arrow point upward.

Important Notes:
• Do not use pointed or sharp-edged objects such as knives or forks to remove the frost.
• Never use hairdryers, electrical heaters or other such electrical appliances for defrosting.
•It is normal that water beads or frosts appear on the freezer collar and door gaskets in the wet weather, which will not affect the normal use. In such case, please clean it with a dry cloth in time!

CLEANING AND CARE
** We recommend that you switch off the freezer at the socket outlet and pull out the mains plug before cleaning.
** Never use any sharp abrasive instrument, soap, household cleaner, detergent and wax polish for cleaning.
** Use lukewarm water to clean the cabinet of the freezer and wipe it dry.
** Use a damp cloth wrung out in a solution of one teaspoon of bicarbonate of soda to one pint of water to clean the interior and wipe it dry.
** Excess deposit of ice should be removed on a regular basis using a plastic ice scraper available from your local store. Large accumulation of ice will impair the performance of the freezer.
** If the freezer is not going to be used for a long period of time switch it off, remove all food, clean it and leave the lid ajar.
** Check lid seals regularly to ensure they are clean and free from food particles.

Important Notes:
Never use water wash the compressor position, wipe it with a dry cloth thoroughly after cleaning to prevent rust.

DO'S AND DON'TS
Do – Defrost food from the freezer thoroughly in a fridge or in a microwave oven following defrosting and cooking instructions.
Do – Ensure that chest freezer lid is completely closed after each use.
Do – Defrost frozen meat completely before cooking.
Do – Close the lid gently.
Do – Check contents of the freezer at regular intervals.
Do – Clean and defrost your freezer regularly (See "Defrosting")
Do – Keep food for as short a time as possible and adhere to "Best Before", "Use By" dates.
Do – Store commercially frozen food in accordance with the instructions given on the packets that you buy.
Do – Always choose high quality fresh food and be sure it is thoroughly clean before you freeze it.
Do – Prepare fresh food for freezing in small portions to ensure rapid freezing.
Do – Wrap all foods in aluminum foil or freezer quality plastic bags and make sure any air is excluded.
Do – Wrap frozen food when you buy it and put it in to the freezer as soon as possible.
Do – Store small items in the basket provided.
Do – Remove ice cream from the freezer 10-20 minutes before serving.
Don't – Leave the lid open for long periods as this will make the freezer more costly to run and cause excessive ice formation.
Don't – Use pointed sharp edged objects such as knives, forks to remove the ice.
Don't – Put hot food in the freezer. Let it cool down first.
Don't – Put liquid-filled bottles or sealed cans containing carbonated liquids into the freezer as they may burst.
Don't – Store poisonous or dangerous substances in the freezer. Your freezer has been designed for the storage of edible foodstuffs only.
Don't – Consume ice-cream and water ices direct from the freezer. The low temperature may cause 'freezer burns' on lips.
Don't – Freeze fizzy drinks.
Don't – Try to keep frozen food which has thawed, it should be eaten within 24 hours or cooked and refrozen.
Don't – Remove items from the freezer with wet hands.
Don't – Shut the lid with force. You will damage the appliance.
• This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given
supervision or instruction concerning use of the appliance by a person responsible for their safety.
• Children should be supervised to ensure that they do not play with the appliance.
• 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 similar applications such as staff kitchen areas in shops, offices and other working environment farm houses and by clients in hotels, motels and other residential type environments; bed and breakfast type environments catering and similar not-retail applications.
• If the supply cord is damaged, it must be replaced by manufacture, its service agent or similarly qualified persons in order to avoid a hazard.

Changing the lamp
The LED lamp is used by the chest freezer for lighting, which features low energy consumption and long service life. In case of any abnormality, please contact the after-sales personnel for visiting service. The lamps can only be replaced by the manufacturer.

Lamp type：LED light.

Certifications
Electrical information
This electrical appliance must be grounded.
This product is equipped with a plug, which is suitable for all houses equipped with sockets meeting the current specifications If the fitted plug is not suitable for your socket outlets, it should be cut off and carefully disposed of. To avoid a possible shock hazard, do not insert the discarded plug into a socket.
This product complies the EEC directives.

Correct Disposal of this product	
	This marking in dicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

Warnings for disposal

※ Refrigerant and cyclopentane foaming material used for the refrigerator are flammable. Therefore, when the refrigerator is scrapped, it shall be kept away from any fire source and be recovered by a special recovering company with corresponding qualification other than be disposed by combustion, so as to prevent damage to the environment or any other harm.

※ When the refrigerator is scrapped, disassemble the doors, and remove gasket of door and shelves; put the doors and shelves in a proper place, so as to prevent trapping of any child.

	NR-CF24VSWAE	**NR-CF24VSWKW**	**NR-CF24VSWAS**
Total Effective Volume	199L	199L	199L
Input Voltage (AC)	220-240V	220-240V	220-240V
Frequency	50/60Hz	50/60Hz	50/60Hz
Input Current	0.7A	0.7A	0.7A
Foaming Agent	CYCLOPENTANE	CYCLOPENTANE	CYCLOPENTANE
Climate Type	T	T	SN/N/ST/T
Refrigerant and Qty.	R600a/52g	R600a/52g	R600a/52g
Net Weight	27kg	27kg	27kg
Product Category	/	9	/
Energy Efficiency Class	1 Star	D	/
Annual Energy Consumption (AEC)	250kWh	237kWh	/
Temperature Rise Time	20h	20h	20h
Freezing Capacity	9kg/24h	9kg/24h	9kg/24h
Rated Storage Volume	199L/7.03cu ft	199L/7.03cu ft	199L/7.03cu ft
Volume Of Freezer	199L/7.03cu ft	199L/7.03cu ft	199L/7.03cu ft
Design Temperature of Freezer Room	-24~-16℃	-24~-16℃	-24~-16℃
Classification of Protection Against Electric Shock	Class I	Class I	Class I

	NR-CF36VSWAE	NR-CF36VSWKW	NR-CF36VSWAS
Total Effective Volume	299L	299L	299L
Input Voltage (AC)	220-240V	220-240V	220-240V
Frequency	50/60Hz	50/60Hz	50/60Hz
Input Current	1.0A	1.0A	1.0A
Foaming Agent	CYCLOPENTANE	CYCLOPENTANE	CYCLOPENTANE
Climate Type	T	T	SN/N/ST/T
Refrigerant and Qty.	R600a/56g	R600a/56g	R600a/56g
Net Weight	36kg	36kg	36kg
Product Category	/	9	/
Energy Efficiency Class	1 Star	C	/
Annual Energy Consumption (AEC)	290kWh	226kWh	/
Temperature Rise Time	22h	22h	22h
Freezing Capacity	13.5kg/24h	13.5kg/24h	13.5kg/24h
Rated Storage Volume	299L/10.56cu ft	299L/10.56cu ft	299L/10.56cu ft
Volume Of Freezer	299L/10.56cu ft	299L/10.56cu ft	299L/10.56cu ft
Design Temperature of Freezer Room	-24~-16℃	-24~-16℃	-24~-16℃
Classification of Protection Against Electric Shock	Class I	Class I	Class I