

NEDKYLD



HD-520FWEN



Design and Quality
IKEA of Sweden

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Safety information

Before the installation and use of the appliance, carefully read the supplied instructions. The manufacturer is not responsible if an incorrect installation and use causes injuries and damages. Always keep the instructions with the appliance for future reference.

Children and vulnerable people safety

- 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.
- Do not let children play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- Keep all packaging away from children.

General Safety

- This appliance is intended to be used in household and similar applications such as:
 - Farm houses; staff kitchen areas in shops, offices and other working environments
 - By clients in hotels, motels, bed and breakfast and other residential type environments
 - Catering and similar non-retail applications.
- This type of refrigerator is widely used in places such as hotels, offices, student dormitories and houses. It is mostly suitable for refrigerating and preserving foods such

as fruits and beverage.

- 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 the type recommended by the manufacturer.
- Do not use water spray and steam to clean the appliance.
- Clean the appliance with a moist soft cloth. Only use neutral detergents. Do not use abrasive products, abrasive cleaning pads, solvents or metal objects.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- If the supply cord is damaged, it must be replaced by the manufacturer, its Authorised Service Centre or similarly qualified persons in order to avoid a hazard.

Safety instruction

Installation

- Remove all the packaging.
- Do not install or use a damaged appliance.
-
- Obey the installation instruction supplied with the appliance.
- Always be careful when you move the appliance because it is heavy. Always wear safety gloves.
- Make sure the air can circulate around the appliance.
- Wait at least 4 hours before connecting the appliance to the power supply. This is to allow the oil to flow back in the compressor. This is needed also when performing door reversibility and appliance is lying down
- Do not install the appliance close to radiators or cookers, oven or hobs.
- The rear of the appliance must stand against the wall.
- Do not install the appliance where there is direct sunlight.
- Do not install this appliance in areas that are too humid or too colds, such as the construction appendices, garages or wine cellars.
- When you move the appliance, lift it by the front edge to avoid scratching the floor.

Electrical connection

 **Warning!** Risk of fire and electrical shock.

- The appliance must be earthed.
- All electrical connections should be made by a qualified electrician.
- Make sure that the electrical information on the rating plate agrees with the power supply. If not, contact an electrician.
- Always use a correctly installed shockproof socket.
- Do not use multi-plug adapters and extension cables.
- Make sure not to cause damage to the electrical components (e.g. mains plug, mains cable, compressor). Contact the Authorised Service Centre or an electrician

to change the electrical components.

- The mains cable must stay below the level of the mains plug.
- Connect the mains plug to the mains socket only at the end of the installation.
- Make sure that there is access to the mains plug after the installation.
- Do not pull the mains cable to disconnect the appliance. Always pull the mains plug.

Use

⚠ Warning! Risk of injury, burns, electrical shock or fire.

- The surface of the compressor becomes hot: The surface of the compressor may become hot under normal operation. Do not touch it with hands.
- Do not change the specification of this appliance.
- Do not put electrical appliances (e.g. ice cream makers) in the appliance unless they are stated applicable by the manufacturer.
- Be careful not to cause damage to the refrigerant circuit. It contains isobutane (R600a), a natural gas with a high level of environmental compatibility. This gas is flammable.
- If damage occurs to the refrigerant circuit, make sure that there are no flames and sources of ignition in the room. Ventilate the room.
- Do not let hot items to touch the plastic parts of the appliance.
- Do not put soft drinks in the freezer compartment. This will create pressure on the drink container.
- Do not store flammable gas and liquid in the appliance.
- Do not put flammable products or items that are wet with flammable products in, near or on the appliance.

- Do not touch the compressor or the condenser. They are hot.
- Do not remove or touch items from the freezer compartment if your hands are wet or damp.
- Do not freeze again food that has been thawed.
- Obey the storage instructions on the packaging of frozen food.

Care and cleaning

⚠ Warning! Risk of injury or damage to the appliance.

- Before maintenance, deactivate the appliance and disconnect the mains plug from the mains socket.
- This appliance contains hydrocarbons in the cooling unit. Only a qualified person must do the maintenance and the recharging of the unit.
- Regularly examine the drain of the appliance and if necessary, clean it. If the drain is blocked, defrosted water collects in the bottom of the appliance.

Disposal

⚠ Warning! Risk of injury or suffocation.

- Disconnect the appliance from the mains supply.
- Cut off the mains cable and discard it.
- Remove the door to prevent children and pets to be closed inside of the appliance.
- The refrigerant circuit and the insulation materials of this appliance are ozonefriendly.
- The insulation foam contains flammable gas. Contact your municipal authority for information on how to discard the appliance correctly.
- Do not cause damage to the part of the cooling unit that is near the heat exchanger.

Installation

⚠ Warning! Refer to Safety chapters.

Positioning

- Do not install it in high temperature of humidity. Place so as to avoid being damaged, fampened and rusted.
- This appliance should be installed in a dry, well ventilated indoor where the ambient temperature corresponds to the climate class indicated on the rating plate of the appliance:

Climate class	Ambient temperature
SN	+10°C to + 32°C
N	+16°C to + 32°C
ST	+16°C to + 38°C
T	+18°C to + 43°C

i Some functional problems might occur for some types of models when operating

outside of that range. The correct operation can only be guaranteed within the specified temperature range. If you have any doubts regarding where to install the appliance, please turn to the vendor.

Location

To ensure best performance, install the appliance well away from sources of heat such as radiators, boilers, direct sunlight etc. Make sure that air can circulate freely around the back of the cabinet.

 There shall be a space not less than 30cm from the top of your refrigerator and not less than 10cm from both sides or the back of the refrigerator to the adjacent walls respectively. This requirement is good for open and close of the door and also for heat emission.

Electrical Connection

Before plugging in, ensure that the voltage and frequency shown on the rating plate correspond to your domestic power supply. Do not use extension cords. The appliance must be earthed. The power supply cable plug is provided with a contact for this purpose. If the domestic power supply socket is not earthed, connect the appliance to a separate earth in compliance with current regulations, consulting a qualified electrician.

The manufacture declines all responsibility if the above safety precautions are not observed. This appliance complies with the E.E.C. Directives.

Product Description

Carefully read the operating instructions before using the appliance.



1 Freezer shelf

2 Refrigerator glass shelf

3 Vegetable crisper cover glass shelf

4 Vegetable crisper

5 Freezer door shelf

6 Refrigerator door shelf

7 Egg tray

8 Freezer User Interface

9 Refrigerator User Interface

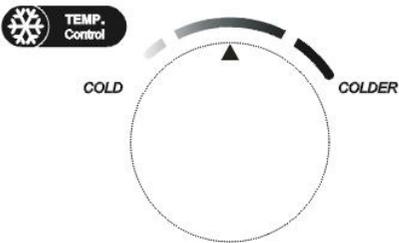
10 Refrigerator light

Operation and First Use

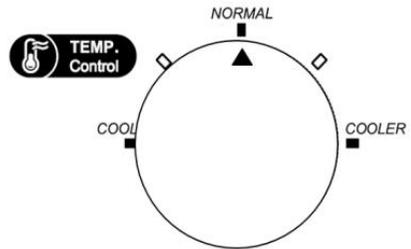
Switching on Your appliance and Normal use

Under normal use, we recommend the food freezer and fresh-food storage knob is used to adjust the temperature in the "Normal" where the arrows on knob point upwards in center.

Freezer User interface



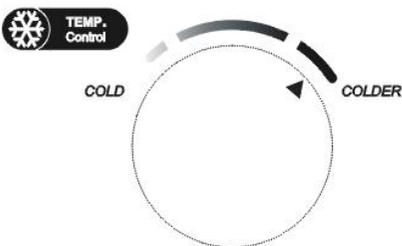
Refrigerator User interface



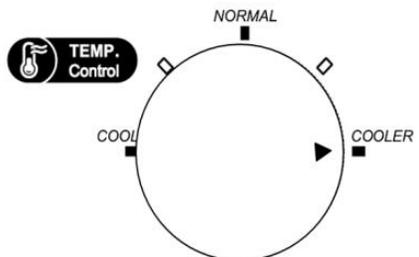
Operating in lower ambient temperature

When ambient temperature around the refrigerator is below 10°C for a long time or fast freeze is needed, we recommend food freezer knob is adjusted to the "right zone" position, and the fresh-food storage knob is adjusted to the "COOLER".

Freezer User interface



Refrigerator User interface

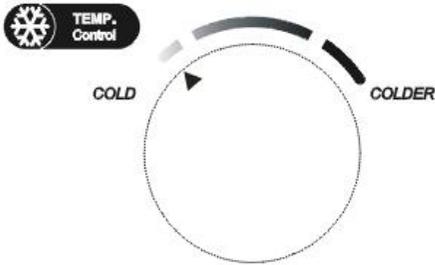


Operation

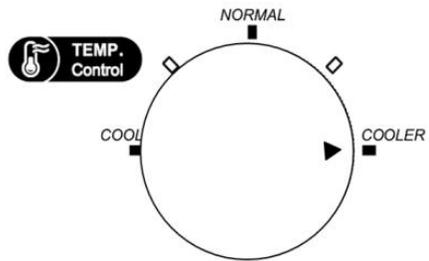
Operating in lower higher temperature

When ambient temperature around the refrigerator is above 35°C for a long time or fast cooling is needed, it is recommended the food freezer knob is adjusted to the "left zone", and the fresh-food storage knob is adjusted to the "COOLER".

Freezer User interface

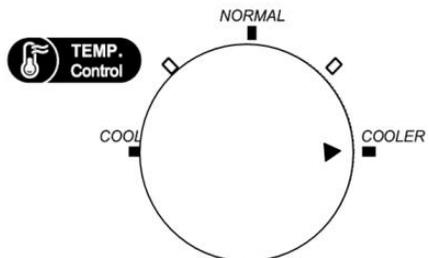


RefrigeratorUser interface



⚠ When ambient temperature around the refrigerator is above 35°C for a long time or fast cooling is needed, it is recommended the food freezer knob is adjusted to the "left zone", and the fresh-food storage knob is adjusted to the "COOLER".

RefrigeratorUser interface



Hints and tips

Normal operating sounds

The following sounds are normal during operation:

- A faint gurgling and bubbling sound from coils sound when refrigerant is pumped.
- A whirring and pulsating sound from the compressor when refrigerant is pumped.
- A sudden cracking noise from inside appliance caused by thermic dilatation (a natural and not dangerous physical phenomenon).
- A faint click noise from the temperature regulator when the compressor switches on or off.

Hints for energy saving

- Do not open the door frequently or leave it open longer than absolutely necessary.
- If the ambient temperature is high and the Temperature Regulator is set to low temperature and the appliance is fully loaded, the compressor may run continuously, causing frost or ice on the evaporator. If this happens, set the Temperature Regulator toward warmer settings to allow automatic defrosting and so a saving in electricity consumption.

Hints for fresh food refrigeration

To obtain the best performance:

- do not store warm food or evaporating liquids in the refrigerator
- do cover or wrap the food, particularly if it has a strong flavour
- position food so that air can circulate freely around it

Hints for refrigeration

Useful hints:

- Meat (all types) : wrap in polythene bags and place on the glass shelf above the vegetable drawer.

- For safety, store in this way only one or two days at the most.
- Cooked foods, cold dishes, etc.: these should be covered and may be placed on any shelf.
- Fruit and vegetables: these should be thoroughly cleaned and placed in the special drawer(s) provided.
- Butter and cheese: these should be placed in special airtight containers or

wrapped in aluminium foil or polythene bags to exclude as much air as possible.

- Bottles: these need a cap and should be stored on the door bottle shelf, or (if equipped) on the bottle rack.
- Bananas, potatoes, onions and garlic, if not packed, must not be kept in the refrigerator.

Cautions for Use

- The more foods tuff put in or the more and the longer for once the door is opened, the more it needs electric consumption, which even leads malfunction.
- Better not to place the objects which are too heavy ,pointed or corrosion on table board.
- Re-plugging in the power plug at the interval of over ten minutes.
- Do not store bottled drink in the freezer, so as to prevent from being broken and damaging the refrigerator.
- Open the door as less as possible during power-cut.
- When defrosting, never use any sharp or metallic objects to remove the frost on the surface of the evaporator as it will damage the evaporator
- Do not touch foods and containers in the freezing compartment with your wet hands so as to prevent from being frostbitten.

Power Failure

If there is a power failure during the storage of frozen foods, keep the door closed. If the temperature within your freezer should rise, do not refreeze the food without checking it's condition.

Care and Cleaning

⚠ Warning! Refer to Safety chapters.

General warnings

⚠ Caution! Unplug the appliance before carrying out any services

i This appliance contains hydrocarbons in its cooling unit; maintenance and recharging must therefore only be carried out by authorized technicians.

i The accessories and parts of the appliance are not suitable for washing in a dishwasher.

Cleaning the interior

Before using the appliance for the first time, the interior and all internal accessories should be washed with lukewarm water and some neutral soap to remove the typical smell of a brand-new product, then dried thoroughly.

⚠ Caution! Do not use detergents or abrasive powders, as these will damage the finish.

Initial power on

⚠ Caution! Before inserting the power plug in to the outlet and switching on the cabinet for the first time, leave the appliance standing upright for at least 4 hours. This will assure a sufficient amount of time for the oil to return to the compressor. Otherwise the compressor or electronic components may sustain damage.

Periodic cleaning

⚠ Caution! Do not pull, move or damage any pipes and/or cables inside the cabinet.

⚠ Caution! Take care of not to damage the cooling system.

⚠ Caution! When moving the cabinet, lift it by the front edge to avoid scratching the floor.

The equipment has to be cleaned regularly:

1. Clean the inside and accessories with lukewarm water and some neutral soap.
2. Regularly check the door seals and wipe clean to ensure they are clean and free from debris.
3. Rinse and dry thoroughly.
4. If accessible, clean the condenser and the compressor at the back of the appliance with a brush. This operation will improve the performance of the appliance and save electricity consumption.

i This appliance contains hydrocarbons in its cooling unit; maintenance and recharging must therefore only be carried out by authorized technicians.

Trouble Shooting

 **Warning!** Refer to Safety chapters.

What to do if...

Problem	Possible Cause	Solution
The appliance does not operate.	The appliance is switched off.	Switch on the appliance.
	The mains plug is not connected to the mains socket correctly.	Connect the mains plug to the mains socket correctly.
	There is no voltage in the mains socket.	Connect a different electrical appliance to the mains socket. Contact a qualified electrician.
The appliance is noisy.	The appliance is not supported properly.	Check if the appliance stands stable.
The compressor operates continually.	Temperature is set incorrectly.	Refer to "Operation" chapter.
	Many food products were put in at the same time.	Wait some hours and then check the temperature again.
	The room temperature is too high.	Refer to climate class chart on the rating plate.
	Food products placed in the appliance were too warm.	Allow food products to cool to room temperature before storing.
The temperature in the appliance is too low/too high.	The door is not closed correctly.	Refer to "Closing the door".
	The temperature regulator is not set correctly.	Set a higher/lower temperature.
	The door is not closed correctly.	Refer to "Closing the door".
	The food products' temperature is too high.	Let the food products temperature decrease to room temperature before storage.
	Many food products are stored at the same time.	Store less food products at the same time.
	The thickness of the frost is greater than 4-5 mm.	Defrost the appliance.
The door has been opened often.	Open the door only if necessary.	
The lamp does not work.	The lamp is defective.	Contact the nearest IKEA Call Centre or Store.

- i** If your appliance still is not working properly after making the above checks, contact the nearest IKEA store.

Lights and replacement

The light is Built-In LED. The lamp unit must be replaced by authorised Service.

Closing the door

1. Clean the door gaskets.
2. If necessary, adjust the door. Refer to the assembly instructions.

Technical Information

Technical data

Product Dimensions	
Height	1712 mm
Width	696 mm
Depth	685 mm
Net volume	
Fridge / freezer	281 / 90 l
Defrost System	
Fridge	auto
Freezer	auto
Star rating	N/A
Noise level	45 dB (A)
Rising time	N/A
Freezing capacity	N/A
Energy Star rating (MEPS)	3,5
Voltage	220 - 240 V
Frequency	50 Hz
Energy Consumption	359 kWh / y

Environmental Concerns

Recycle the materials with the symbol . Put the packaging in applicable containers to recycle it. Help protect the environment and human health and to recycle waste of electrical and electronic appliances. Do not dispose appliances marked with the symbol  with the household waste. Return the product to your local recycling facility or contact your municipal office.

IKEA Guarantee

How long is the IKEA guarantee valid?

This guarantee is valid for two (2) years from the original date of purchase of your appliance at IKEA. The original sales receipt is required as proof of purchase. If service work is carried out under guarantee, this will not extend the guarantee period for the appliance.

Who will execute the service?

Contact nearest IKEA store.

What does this guarantee cover?

The guarantee covers faults of the appliance, which have been caused by faulty construction or material faults from the date of purchase from IKEA. This guarantee applies to domestic use only. The exceptions are specified under the headline "What is not covered under this guarantee?" Within the guarantee period, the costs to remedy the fault e.g. repairs, parts, labour and travel will be covered, provided that the appliance is accessible for repair without special expenditure.. Replaced parts become the property of IKEA.

What will IKEA do to correct the problem?

IKEA will examine the product and decide, at its sole discretion, if it is covered under this guarantee. If considered covered, IKEA will then, at its sole discretion, either repair the defective product or replace it with the same or a comparable product.

What is not covered under this guarantee?

- Normal wear and tear.
- Deliberate or negligent damage, damage caused by failure to observe operating instructions, incorrect installation or by connection to the wrong voltage, damage caused by chemical or electrochemical reaction, rust, corrosion or water damage including but not limited to damage caused by excessive lime in the water supply, damage caused by abnormal environmental conditions.

- Consumable parts including batteries and lamps.
- Non-functional and decorative parts which do not affect normal use of the appliance, including any scratches and possible colour differences.
- Accidental damage caused by foreign objects or substances and cleaning or unblocking of filters, drainage systems or soap drawers.
- Damage to the following parts: ceramic glass, accessories, crockery and cutlery baskets, feed and drainage pipes, seals, lamps and lamp covers, screens, knobs, casings and parts of casings. Unless such damages can be proved to have been caused by production faults.
- Repairs not carried out by our appointed service providers and/or an authorized service contractual partner or where non-original parts have been used.
- Repairs caused by installation which is faulty or not according to specification.
- The use of the appliance in a non-domestic environment i.e. professional use.
- Transportation damages. If a customer transports the product to his home or another address, IKEA is not liable for any damage that may occur during transport. However, if IKEA delivers the product to the customer's delivery address, then damage to the product that occurs during this delivery will be covered by IKEA.
- Cost for carrying out the initial installation of the IKEA appliance. However, if an IKEA appointed Service Provider or its authorized service partner repairs or replaces the appliance under the terms of this guarantee, the appointed Service Provider or its authorized service partner will reinstall the repaired appliance or install the replacement, if necessary.

How country law applies

The IKEA guarantee gives you specific legal rights, which cover or exceed all the local legal demands. However these conditions do not limit in any way consumer rights described in the local legislation.

Area of validity

This IKEA Guarantee applies only to products purchased and installed in AUSTRALIA.

An obligation to carry out services in the framework of the guarantee exists only if the appliance complies and is installed in accordance with:

- the technical specifications of the country in which the guarantee claim is made;
- the Assembly Instructions and User Manual Safety Information;

AFTER SALES for IKEA appliances

Please don't hesitate to contact IKEA to:

- make a service request under this guarantee;
- ask for clarification on functions of IKEA appliances

To ensure that we provide you with the best assistance, please read carefully the Assembly Instructions and/or the User Manual before contacting us.

How to reach us if you need our service



The IKEA after sales customer service centre will assist you on the phone with basic trouble shooting for your appliance at the time of service call request. Please see the IKEA catalogue or visit www.ikea.com to find your local store phone number and opening time.

In order to provide you a quicker service, please also always refer to the IKEA article number (8 digit code) placed on the rating plate of your appliance.

SAVE THE SALES RECEIPT!

It is your proof of purchase and required for the guarantee to apply. The sales receipt also reports the IKEA name and article number (8 digit code) for each of the appliances you have purchased.

Do you need extra help?

For any additional questions not related to After Sales of your appliances please contact your nearest IKEA store call centre. We recommend you read the appliance documentation carefully before contacting us.