



Operating Instructions 2-Door Refrigerator-Freezer (For Household Use)

Deluxe Models

NR-BP242VD
NR-BP272VD
NR-BP292VD

Standard Models

NR-BP242VS
NR-BP272VS
NR-BP292VS



Features

ECONAVI

INVERTER

PRIME COOLING +



Contents

- Safety precautions
- Installation
- Parts Identification
- General Operation
- Usage and Customization
- Maintenance
- Special Features
- Specifications

■ NON-CFC

This unit uses totally NON-CFC MATERIALS (Restriction of Hazardous Substances) These both for refrigerant (R600a) and for insulation are regulations that set maximum concentration (Cyclo-Pentane). This refrigerator does not damage the Earth's ozone layer.

■ RoHS Compliant Product

(Restriction of Hazardous Substances) These limits on hazardous substances in materials used in electronic equipment.

Thank you for purchasing the Panasonic Refrigerator.

- Before using this product, please read these instructions carefully and follow safety precautions.
- Please make sure to sign up and register your product in our Customer Service Portal and save this manual for future use.

Specifications

Model No.		NR-BP242		NR-BP272		NR-BP292	
		VD	VS	VD	VS	VD	VS
Capacity (L) Volume (PNS IEC 62552-3-2016)	Total	244		271		295	
	Freezer	67					
	Refrigerator	177		204		228	
Net Weight (kg)		40		43	41	45	43
Outside Dimensions Width x Depth x Height (mm)		540 x 620 x 1465		540 x 620 x 1565		540 x 620 x 1660	
Refrigerant Type		R600a					
Rated Voltage (V), Rated Frequency (Hz)		230 V~, 60 Hz					
Cooling System		Non-Frost Cooling					
Defrosting System		Automatic					
Color		Premium Matte Obsidian Black (VD)				Titanium Silver (VS)	

Panasonic Manufacturing Philippines Corporation
Website: <http://panasonic.com/ph>

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Safety Precautions



This sign warns of risk of death or serious injury.



This sign warns of injury or damage to property.



This symbol means required actions.



This symbol means prohibited actions.



This symbol means do not disassemble.



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.

For plug and cord..



- Unplug the unit when cleaning the refrigerator.
- Properly plug the unit into a wall outlet with its required voltage.
- Connect the unit to an exclusive wall outlet that is for the refrigerator only.
- Avoid connecting other appliances to the same wall outlet.
- Periodically wipe the dust on the power plug.
- If the power supply cord is damaged, it must be replaced by the manufacturer, its authorized service centers, or similarly qualified persons in order to avoid hazard.
- If you detect burning smell, unplug the unit and ventilate the area.
- Please ensure minimum clearance of 10 cm between back of refrigerator and wall for air ventilation and to prevent damage to the power supply cord.
- When abnormality and failure occurs, stop using the product immediately and unplug the unit.
- Abnormality and failure example: (Risk of smoke / fire / electric shock)
 - Power cord or plug is abnormally hot
 - There is burning smell
 - Power cord is deeply cut or deformed
 - You can feel tingling electricity

For connection..



- Plug your refrigerator into an exclusive wall outlet of 230 V~, 10 A or more.



- Do not plug your refrigerator to an extension cord.
- Do not plug your refrigerator to any loose outlet. Power cord may deteriorate and may cause fire.



When installing the refrigerator..



- Do not install the product in locations exposed to water.
- Do not block the ventilation port of refrigerator.
- Leaked refrigerant may cause fire and explosion.

When using..



- Do not let any children hang or ride on the refrigerator door, the unit may turn over and cause an accident.
- Do not touch the compressor or pipes because of high temperature. There is a risk of burn injury.
- Do not spray combustible chemicals near the refrigerator.
- Do not damage the refrigerant circuit (piping on the back). The flammable refrigerant may catch fire and lead to an explosion.



When moving or transporting the refrigerator..



- Do not transport the refrigerator in a horizontal position. Laying the refrigerator horizontally may damage the piping. If any damage is noticed, do not operate the refrigerator, avoid using fire and ventilate the room.



- Make sure that the door is facing up to avoid accidental opening of doors when lifting.
- It is recommended to lift it or use rag underneath the unit to avoid it from scratching the floor.

If you will not use the refrigerator for a long period of time..



- Unplug the refrigerator and take out all the food from the refrigerator and freezer compartment.
- Wipe off all the water and open the refrigerator to keep it dry.
- Prevent children from entering the refrigerator.

When opening or closing the doors..



- Do not place items that are bigger than the tray or shelf, the door will not close completely causing cold air to leak out of the refrigerator.
- Do not open the refrigerator frequently or leave it open for a long time to prevent water dripping inside and to prevent wasting energy.



- Mind the gap between the door seal (Gasket). It must be completely closed to the cabinet body.

When storing food..



- Do not block the cold air outlet inside the Prime Cooling+ Case(VD) and Pull-out Tray(VS). If cold air does not spread inside the case it will not be sufficiently cooled, blocking items may encounter freezing.
- Do not freeze glass bottles, that there are risk of injury. (If liquid in a glass bottle is frozen, the bottle will break and may cause injury.)
- Do not overload. Maintain proper spacing of food for good air circulation.
- Do not place warm/hot food inside the refrigerator.
- Allow hot food to cool down before placing inside the refrigerator.

In case of emergency..



- Risk of Fire / Flammable Materials
- Maintenance work must only be carried out by well-trained maintenance worker.



- Do not store explosive substances such as aerosol cans with a flammable propellant and chemicals or scientific specimens in the appliance.
- Do not use electrical appliances such as Ion deodorizer/ Humidifier in the refrigerator. Leaked refrigerant may catch fire from a spark of the electrical contacts and may cause an explosion.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are the type recommended by manufacturer.
- Do not disassemble, repair or modify the refrigerator by yourself. If you want to repair the refrigerator, please consult Panasonic Customer Care Center.
- Do not use mechanical devices or other means to accelerate the defrosting process, over than those recommended by the manufacturer.

When recycling the product..



- Before taking the refrigerator to be recycled, please remove all the door gasket to prevent locking a child inside it.
- The operating instructions should be handed over to any person who would use or handle the refrigerator whenever the refrigerator would be transferred to another location or delivered to a recycling plant.
- Cyclo-Pentane is used for insulation of this refrigerator and flammable gas is used for the refrigerant.
- When disposing off this unit, please dispose it by the proper method, do not burn the unit.



- If you detect a burning smell, disconnect the power plug to stop the operation of the unit.
- If you detect a gas leak from the cooling circuit, ventilate the kitchen.
- If you damaged the cooling circuit (piping at the back), ventilate the kitchen and contact your nearest Panasonic Authorized Service Center.
- Refrigerator LED Lamp.
The refrigerator LED lamp is designed specially for this product. If replacement is required, contact the Panasonic Care Center Hotline.



- Do not subject glass trays to high impact. (it may break and cause injury.)
- Food containers must reach the bottom of the door shelves.
- Food must not protrude from every shelf.
- Store fruits and vegetables inside the Crisper Case.
- Trapped moisture helps preserve the freshness of food for longer period.
- Water and beverages should be sealed to prevent odor contamination.
- Vegetables, fruits and fresh foods should be wrapped or packed in a container before freezing or refrigerating.
- Put foods such as meat or fish in the freezer compartment if you want to store it for a long time.
- Cover juicy food with tight lid containers, plastic film or foil.

When cleaning..



- Do not clean the refrigerator with chemical substance or liquid. It will cause damage and corrosion to the metal surface.
- Do not place your hands of feet beneath the bottom of the refrigerator.
- Clean the defrost pan located at back of the unit every three (3) months to prevent odor and growth of unwanted organisms.

Caution..



- If the crisper glass accidentally breaks, please observe necessary precautions to avoid injuries.
- If the unit does not run, unplug the unit to reset the PCB program.
- Wait for atleast ten (10) minutes before replugging to continue its operation.

For maintenance and service..

Panasonic Customer Care Center:

SMS (Text only): TYPE Panasonic<space>message and send to 21584703 (Globe/TM)

Contact Number: (02) 8-706-7603; **Fax:** (02) 8-706-7612

Toll Free: 1800-10-7262782 (PLDT), 1800-82-934357 (Globe)

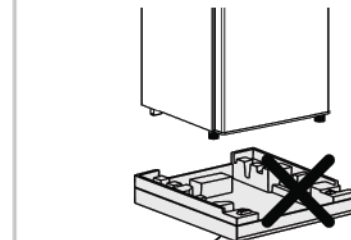
Email: pmpc_csdcl@ph.panasonic.com

Website: <http://www.panasonic.com/ph>

Installation



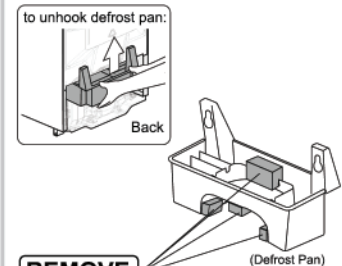
- Remove the bottom pad including all tapes and styrofoams attached inside and outside of the refrigerator.



REMOVE



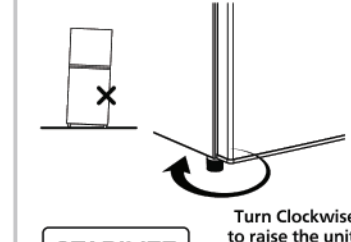
- At the back of the refrigerator, remove all styrofoam shock absorbers attached to the defrost pan. Unhook the defrost pan to easily remove hidden styrofoams.



REMOVE
(If present)



- Level the refrigerator by adjusting the leg shell to stabilize the unit to the ground.

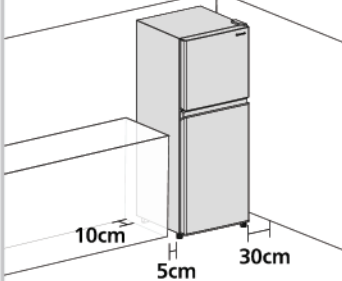


STABILIZE

Turn Clockwise to raise the unit

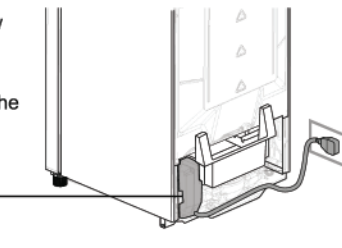


- Provide adequate space between your unit and the wall for heat dissipation and door opening clearance.



- The grounding connection will allow prevention of danger resulted from electricity leakage.

Grounding Terminal is provided at the back of the unit.



AFTER INSTALLATION,
WAIT 3 HOURS BEFORE
PLUGGING TO OUTLET.

Once connected, allow the unit to cool for 3 hours before storing food.

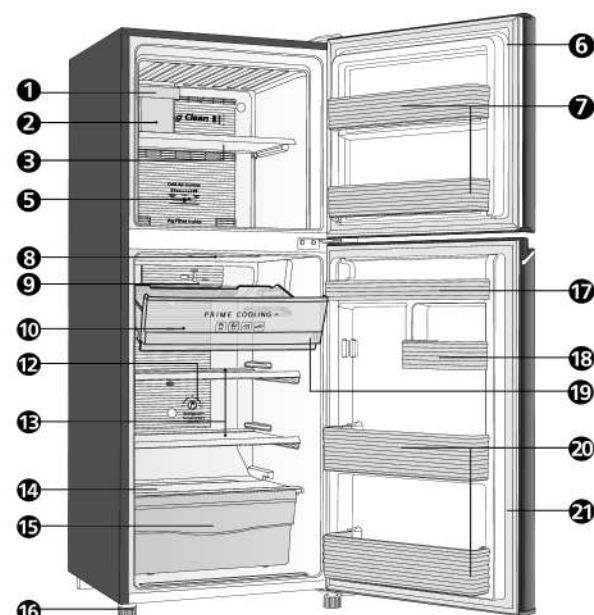
Area around where the refrigerator is installed

- Place the unit on sturdy and flat floor.
- Do not place your unit near any source of moisture like faucets and sinks.
- Do not place your refrigerator in a humid place as rust may form and may cause electric shock.
- Do not place your refrigerator near any source of heat like gas range, gas stove, and direct sunlight to avoid weak performance of the unit.
- Do not block door openings under any conditions.
- The refrigerator must be located in a place with good air circulation.
- In case of placing the refrigerator on an uneven surface, adjust the built-in adjustable leg shell to make the unit stable.

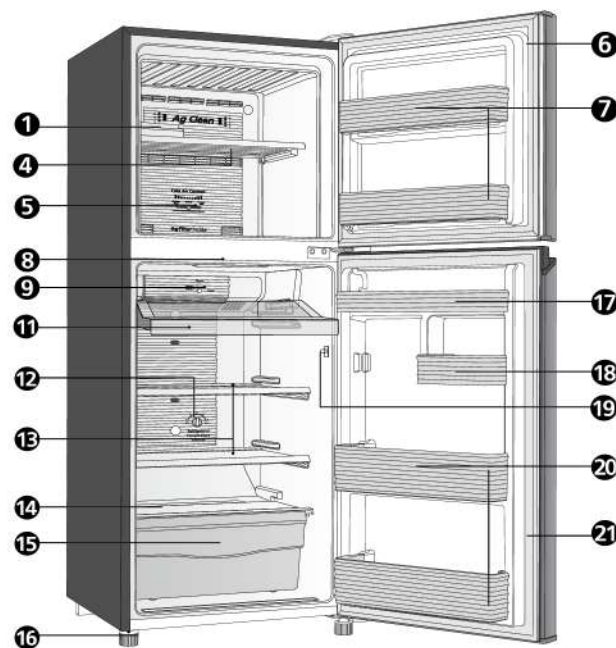
Moving or shifting

- When moving or shifting the refrigerator, remove the accessories inside and make sure there is no water inside the unit.

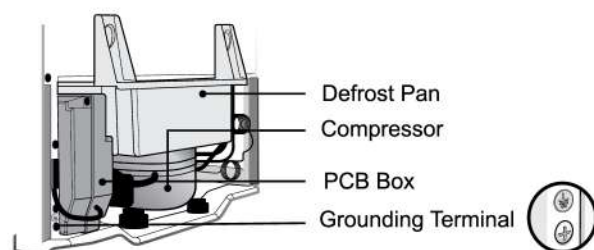
Parts Identification



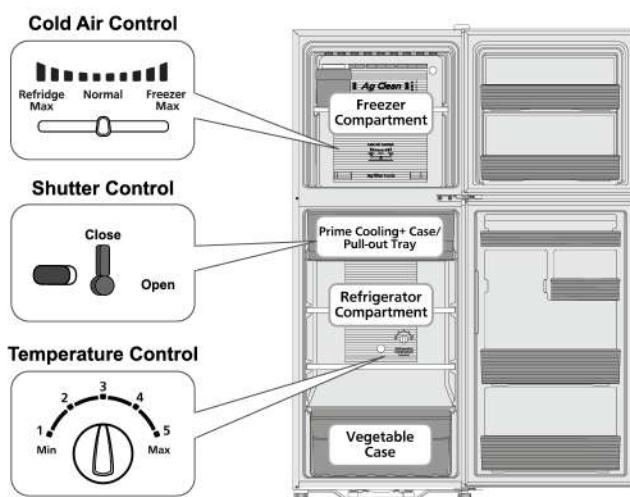
(Deluxe Model)



(Standard Model)



General Operation



Cold Air Control

Use to vary the flow of cold air between Refrigerator and Freezer Compartment.

Normal

Balanced distribution of cold air in Freezer and Refrigerator

Refridge Max
Freezer Max

Prioritize cooling in the Refrigerator
Prioritize cooling in the Freezer

Shutter Control

Use to vary the temperature and function of the Prime Cooling Case (Deluxe) or Pullout Tray (Standard).

Deluxe Model
(Prime Cooling)

Open: Prime Cooling Operation (-1°C)
Close: Normal Chiller Operation

Standard Model
(Pullout Tray)

Open: Faster Cooling
Close: Regular Cooling

Temperature Control

Use to vary the temperature at the Refrigerator Compartment.

1 (Min)
3 (Normal)
5 (Max)

For storing minimal amount of food
For storing moderate amount of food
For storing large amount of food

Storage Guide

Freezer Compartment		Storing food for extended period of time. For storage of frozen and dried food.
Prime Cooling+ Case/Pull-out Tray		Suitable for storing chilled foods and drinks or dairy products.
Refrigerator Compartment		For regular storage of foods and drinks or any food for temporary storage.
Vegetable Case		High humidity storage that keeps fruits and vegetables fresh.

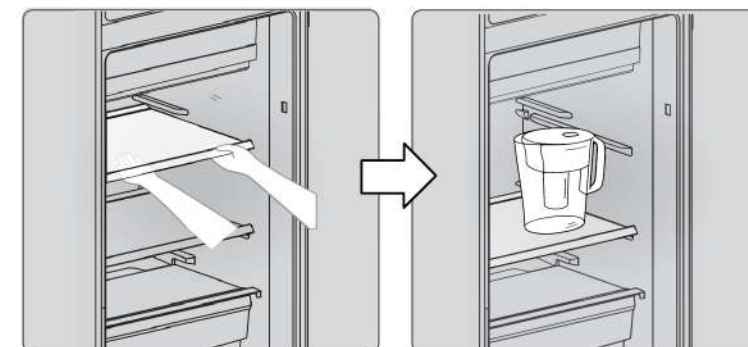
When set to "Normal", the temperature may vary slightly depending in the usage and storage conditions.

Energy Saving Tip:

Temperature of the refrigerator compartment can vary depending on the environment, room temperature and the amount of food stored in the refrigerator. To maximize energy efficiency, set your refrigerator to the recommended setting (Cold Air Control to "Normal", Refrigerator Temp. Control to "3", and Shutter to "Close").

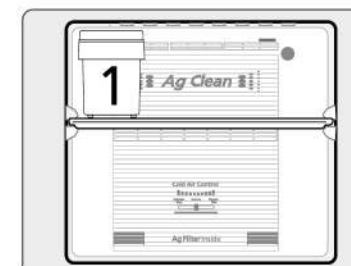
Usage and Customization

GLASS TRAYS



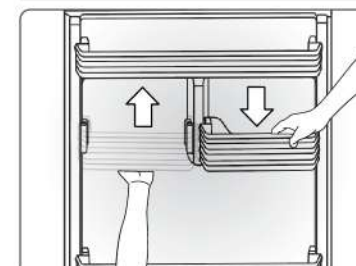
When storing large or tall items, move or remove the glass trays in the refrigerator compartment to optimize storage space.

ICE TRAY



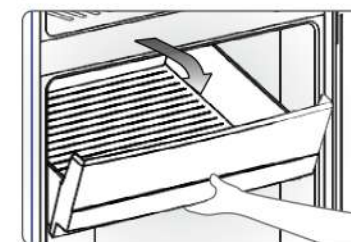
Place the ice box and ice tray on the top shelf of the freezer compartment. (Efficient Ice Making)

FREE RACK



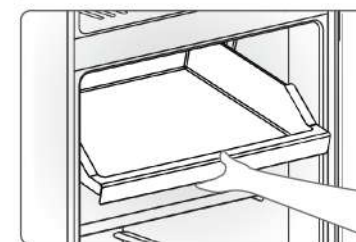
Move the free rack to optimize door storage.

PRIME COOLING (DELUXE)



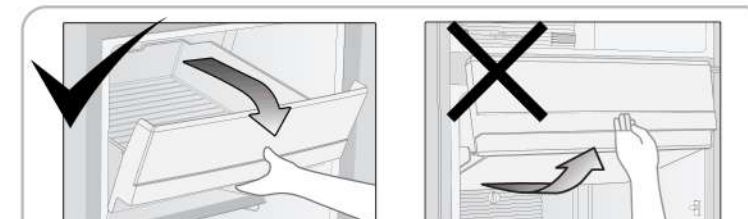
Pull out the case until it slides down and opens up.

PULLOUT TRAY (STANDARD)



Pull out the tray until it stops.

Prime Cooling+ Case / Pull-out Tray Usage:



Do not lift the Prime Cooling+ Case and Pull-out Tray upwards after you pull it. The case will release itself from the supporting rail and it will fall down. (See the illustration)

- Do not overload the compartment, it will affect cold air circulation. Just put the right amount of food and drinks.
- Depending on the food you put inside, it may be frozen partly. Change the position of food or set the temperature setting of refrigerator compartment.
- When opening the case with food items inside, pull the case until it slides down and opens up (Prime Cooling+) or pull out the tray until it stops (Pull-out Tray)

Special Features



The motor will run in accordance with the temperature change inside the compartment. When required temperature is attained, the motor will run at a lower speed to save energy and lower noise.



Learns the lifestyle patterns of your family from door opening and time period of infrequent use to maximize energy efficiency.

*operates only when the temperature control is set to "Normal"

PRIME COOLING + (Deluxe Models)

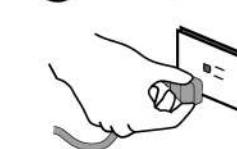
This case keeps an ideal temperature (as low as -1°C). A storage specially designed to preserve the freshness of food items for longer without freezing.

PULLOUT TRAY (Standard Models)

Easy and convenient way to store your frequently used food items in the fridge. Carefully designed with ergonomic factors in mind.

Maintenance

1 Unplug the Unit

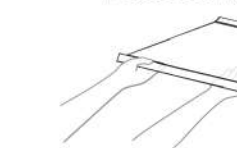


Before cleaning or conducting maintenance, make sure that the unit is disconnected from power supply.

Do not connect or disconnect the power plug with wet hands.

When disconnected to the power supply, wait for 10 minutes before plugging back in. If not, the compressor may not work.

2 Remove the Accessories

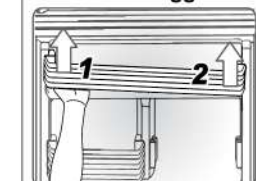


Clean the parts and accessories regularly to remove accumulated dirt and food residue. Lubricant is applied on the support rails and door gaskets to reduce friction and ease of use. (Be careful not to wipe it off)

Clean your refrigerator every 2-3 months to avoid build-up of dirt and food residue.

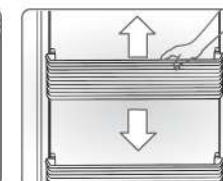
How to Remove Accessories:

Free Shelf / Egg Shelf



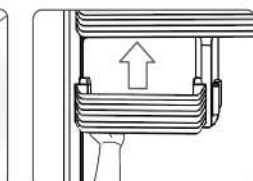
First, lift the left side of the shelf, then lift the right side to release.

Bottle Shelf



Gently slide the Bottle Shelf upward to release.

Free Rack



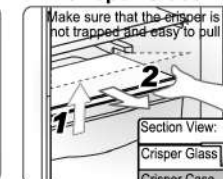
Gently slide the racks upward to release.

Glass Shelf



Lift up the back of the tray to release then pull outward.

Crisper Glass



Lift the front part to release it from the hook then pull it out.

Crisper Case



Gently pull the case outward until released.

Defrost Pan



Lift defrost pan upward to release it from the hook.



Insert hooks to the defrost pan. Slide downwards until it locks.

Note: This refrigerator is designed to defrost itself automatically. Defrosted water will accumulate in the Defrost Pan.

Prime Cooling +



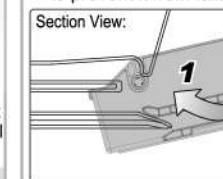
(Deluxe Model)

Pull-out Tray



(Standard Model)

Removing:
1. Pull out the case to its open position.
2. Lift the front of the case to release it from the supporting rails. (Note: Hold the rear end of the case to prevent it from falling.)



Attaching:
1. Insert the circular guide to the top support rail until it hooks.
2. Carefully slide the case into the compartment.

3 Wipe with cloth and water



Wipe off the stains and dirt with lukewarm water. Use a soft cloth or microfiber cloth to avoid making scratches on the surface of the parts.

Lubricant is applied on the Prime Cooling+ Case (Deluxe) and Pullout Tray (Standard) to reduce friction and ease of use. (Be careful not to wipe it off)

Note: Do not use the following items, otherwise the surface may be scratched/broken.



Parts and Accessories

1 Ice Tray*	9 Shutter Knob	16 Adjustable Leg Shell
2 Ice Box*	10 Prime Cooling+ Case*	17 Egg Shelf*
3 Glass Tray FC*	11 Pull-out Tray*	18 Free Rack*
4 FC Tray*	(BP272VS & BP292VS only)	(2 pcs. for BP272 & BP292)
5 Cold Air Control	12 Temperature Control	19 Door Switch
6 Door Gasket FC	13 Glass Tray PC (2 pcs.)*	20 Bottle Shelf (2 pcs.)*
7 Free Shelf (2pcs)*	14 Glass Tray Crisper*	21 Door Gasket (PC)
8 LED Lamp	15 Crisper Case*	

(*) - Accessories