



**Model:
LB30AFNF
FB30AFNF**

**Frigorifero/congelatore
da incasso**

Manuale di installazione

Built-in Fridge/Freezer

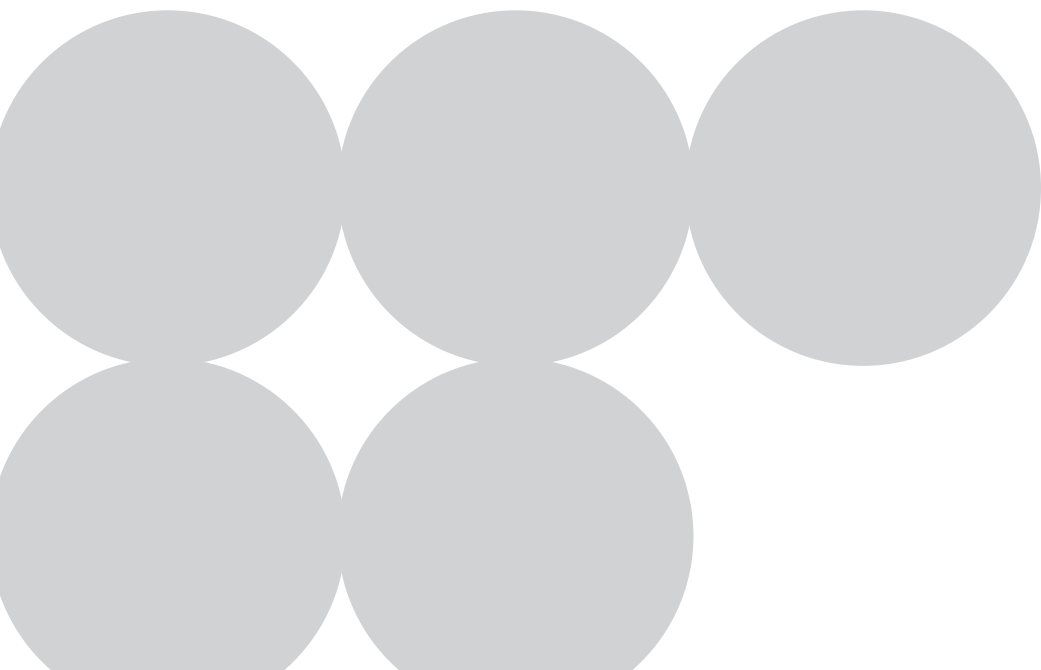
Installation Manual

**Einbau-Kühlschrank/
Gefrierschrank**

Montageanleitung

**Combinado Frigorífico
/Congelador Embutido**

Manual de Instalação



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*** The procedure and the method to install for the refrigerator are same to the freezer.**

Start the work after checking the followings:

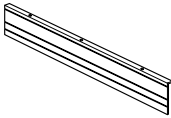
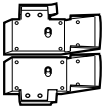
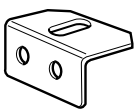
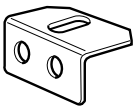
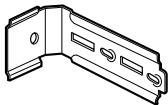
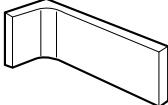
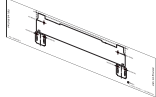
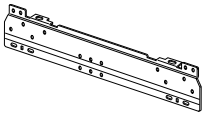
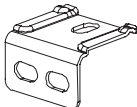
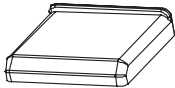
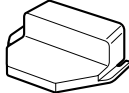
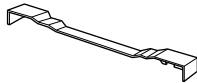

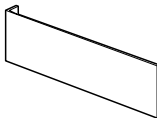
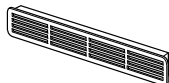
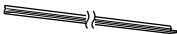
This manual describes based on the door opened to the right.
If you want to open the door to the left, install after reading Page 36.








1. Note before installing

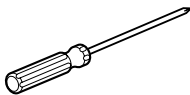
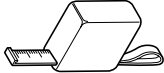
Caution

- Install the product at the place avoiding the heat from the heater or the boiler or the direct sunlight, with the shade and the good ventilation always.
- Prepare the furniture possible to circulate air by referring to the size.
Install the product for air to smoothly flow via the front intake hole. If not, it may cause to prevent the normal performance of the product.
- Install the product at the place where no outsider enters or exits because it may damage the power cord to cause fire.
- If the furniture door gets too long for securing the space over the space, use the furniture with the specified size because the furniture may be sagged down or cause the inconvenience to use.
- After installing the door, make sure that no lift-up is shown at the door. Make sure that the gasket of the refrigerator door is correctly installed.
- If the furniture has any soft material (for example, plaster), use the furniture made of solid material because it has the weak bonding strength and may be damaged.
- Use the furniture not twisted by heating from the product or not bent by water generated by opening/closing the refrigerator door.
- Install the product at the place with the correct horizontal/vertical size of the furniture (within 1mm horizontally and vertically). If the furniture has no correct horizontal/vertical position or the product is installed on the soft base, the side plate may be deformed or the furniture may be slowly twisted for a long time.
(When 100kg load is applied, use the material or the structure with no gradual deformation.)
- Install the built-in refrigerator by two persons (one team).
- When installing, protect the children from using the installing part or the installing location.
- When working, take out the screw one by one from the packaging vinyl for preventing the damage due to being left.
- Do not use the multi-cord because it may cause fire.
- Before installing, make sure that the product normally operates by connecting the power cord.

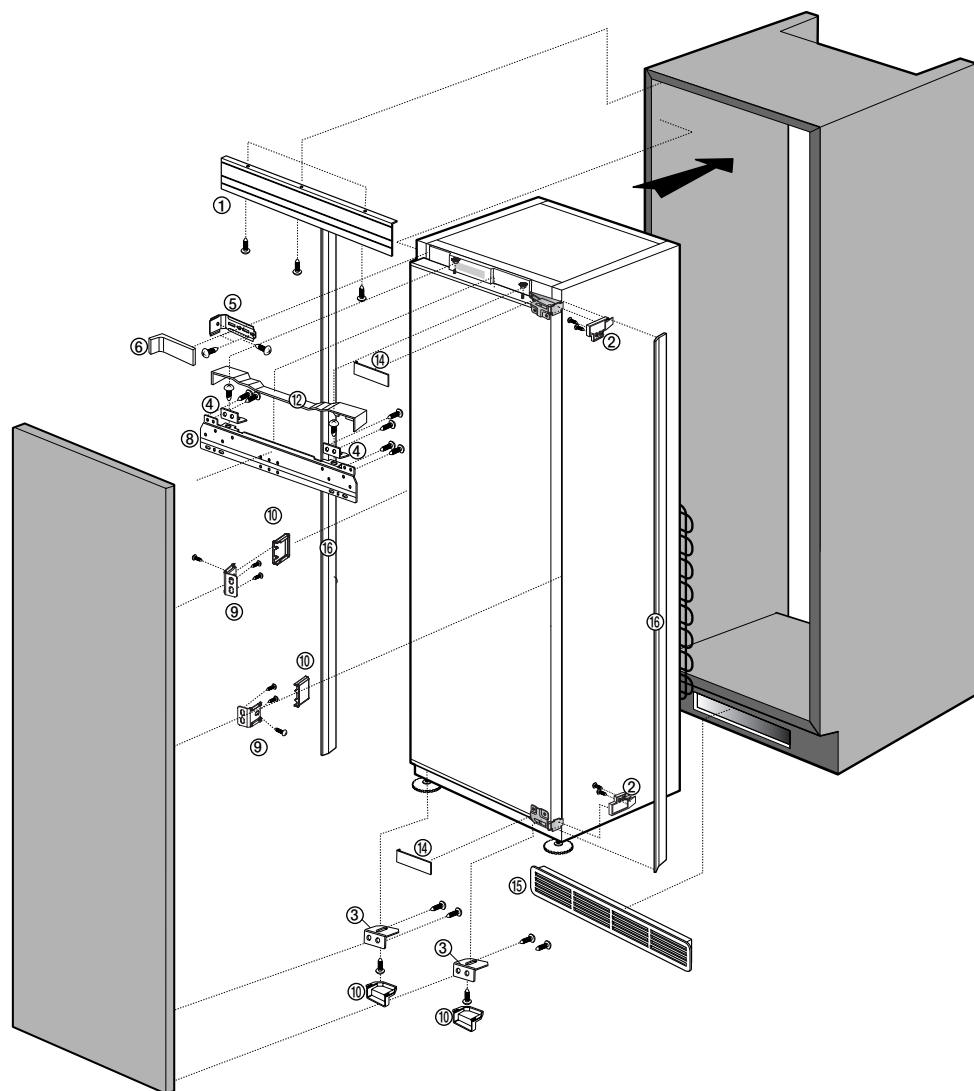
2. Components to install

① Top cover of refrigerator	② Hinge holder	③ Depth adjusting bracket (diameter = 5.5mm)	④ Depth adjusting bracket (diameter = 8mm)
			
Qty: 1EA	Qty: 1EA	Qty: 2EA	Qty: 2EA
⑤ Hinge bracket	⑥ Hinge bracket cover	⑦ Paper jig	⑧ Top bracket of furniture door
			
Qty: 1EA	Qty: 1EA	Qty: 1EA	Qty: 1EA
⑨ Depth adjusting bracket	⑩ Depth adjusting bracket cover	⑪ Depth adjusting bracket cover	⑫ Top bracket cover of furniture door
			
Qty: 2EA	Qty: 2EA	Qty: 2EA	Qty: 1EA
⑬ Cap screw	⑭ Front cover of hinge	⑮ Ventilating cover	⑯ Gasket
			
Qty: 2EA	Qty: 2EA	Qty: 1EA	Qty: 2EA

Ⓐ Door screw			Ⓑ Wood screw			Ⓒ Top bracket screw			Ⓓ Height adjusting nut			
	Spec	Qty		Spec	Qty		Spec	Qty		Spec	Qty	
	D4 x	2		D4 x	16		D4 x 6.5	4		M5	4	
	L16			L12								
Ⓔ Bracket screw			Ⓕ Hinge screw			Ⓖ Spanner						
	Spec	Qty		Spec	Qty		Spec			Qty		
	M5	6		D4XL16	4		-		1			

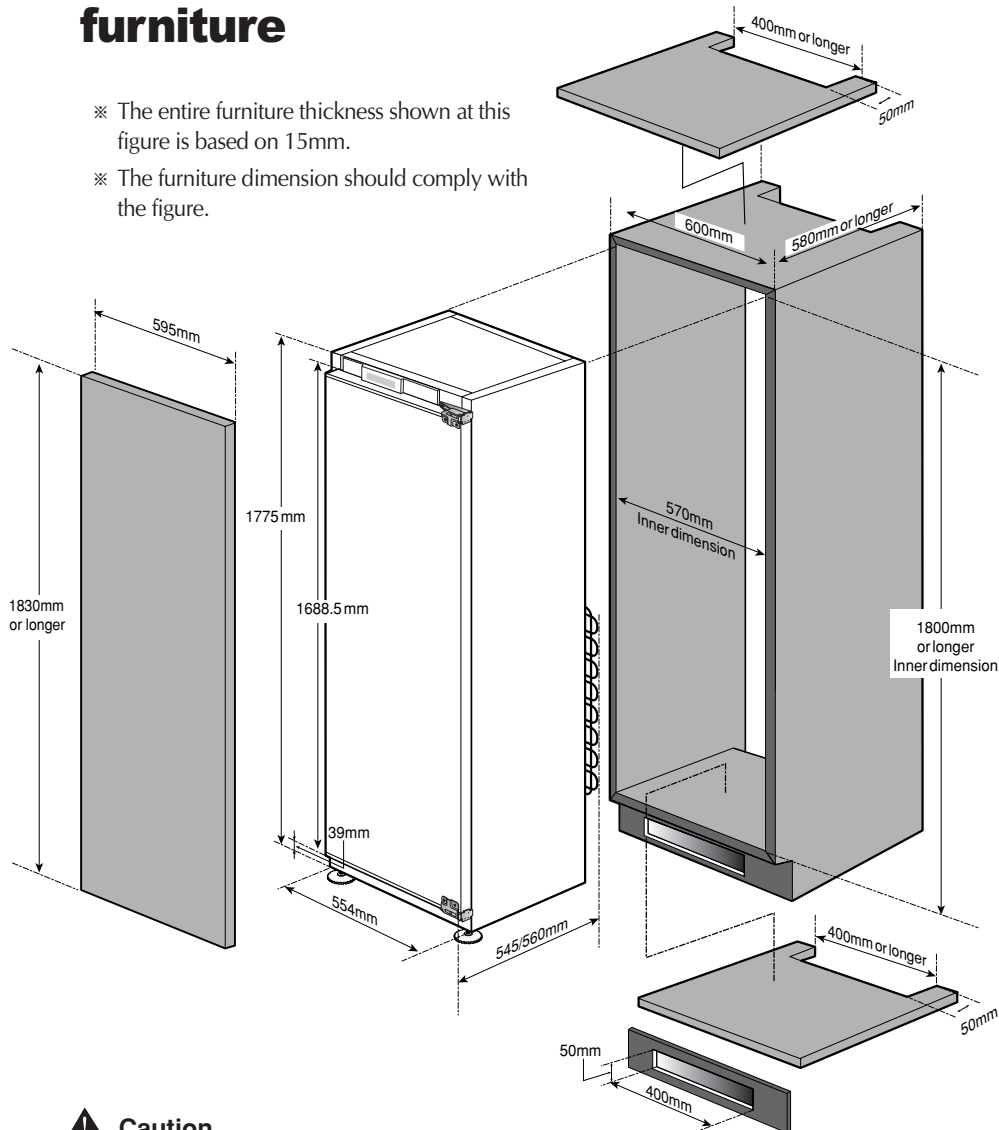
Tools not provided when installing	(+) screw driver	2m tape rule
		

3. Assembly/Disassembly diagram of Built-in refrigerator



4. Dimension of Built-in refrigerator and furniture

- ※ The entire furniture thickness shown at this figure is based on 15mm.
- ※ The furniture dimension should comply with the figure.



! Caution

When the furniture thickness is changed, the door size of the furniture is changed.

Furniture thickness	Furniture door size
18mm	1836mm or longer
20mm	1840mm or longer

- The furniture body should be separated from the furniture door.
- Too long furniture door for the space over the product may cause sagging of the furniture door.
- The product should be installed at the furniture with the correct horizontal/vertical position.

5. Installing the built-in refrigerator

- The minimum space for ventilating should be prepared for the smooth heat exchange of the refrigerator.

1. It should be structured for air to enter from the intake hole and to exit from the discharge hole.
2. The passage ② should be secured when the passage ① is not secured.
3. 200cm² or more of the air ventilation at ① and ② should be secured.

! Caution

Requirements for the furniture floor

- Floor:

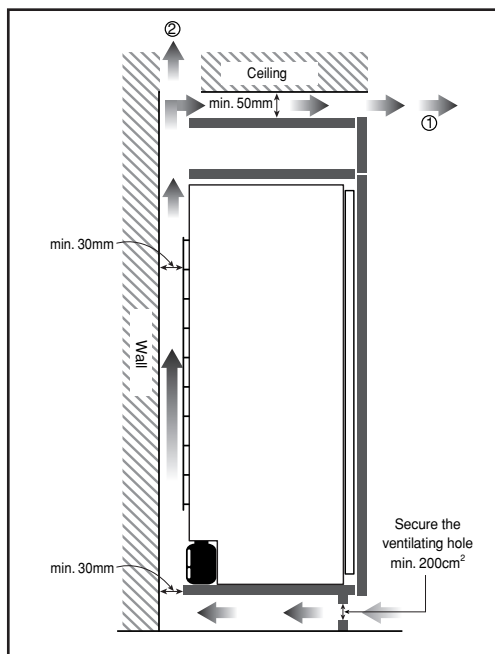
We recommend to use T 20mm for securing the hardness.

- Base:

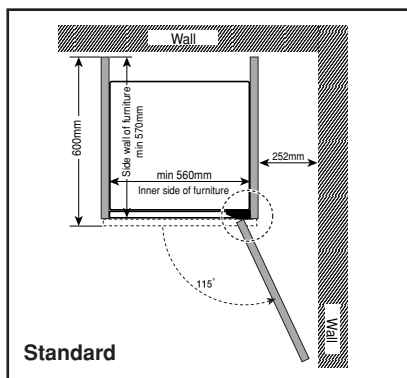
Install the base for the floor not to be deformed by the weight (200kg at maximum: product + food + furniture door + opening/closing shock, etc.).

- Parallelism:

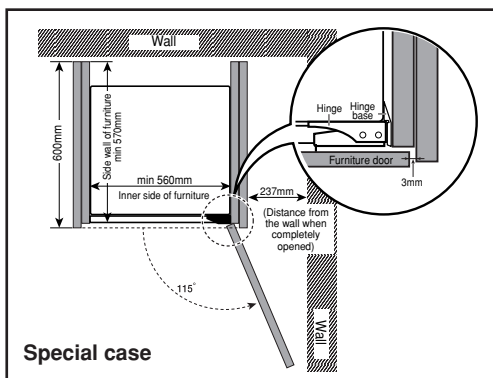
If the level of the floor is not correct, it may cause to deform the entire furniture or not to close the door due to the weight of the product.



- Floor plan of furniture and the maximum opening of the door



Standard



Special case

! Caution

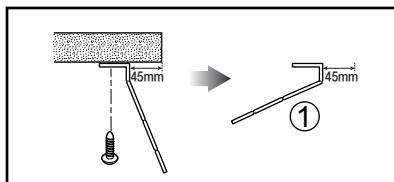
- Securely fix the side plate of the furniture at the wall or the adjacent furniture. Because the product is fixed with the screws from the hinge to the side plate of the furniture, secure the side plate of the furniture at the hinge by 30T or more. (Additionally, the rigid plate with 15T or more should be attached at the side plate of the furniture for the refrigerator to install.) If the side plate is thin, the product may be easily shaken when the screws directly touch the wall.

6. Procedure to install

1) Preparing before installing the refrigerator

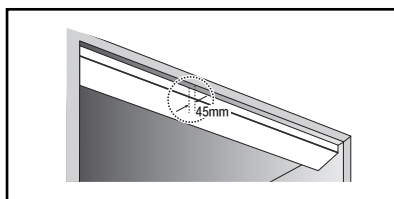
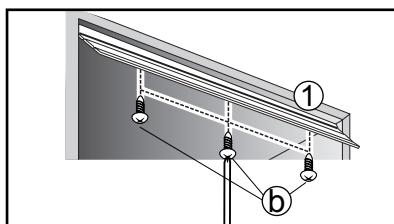
1. Installing the top cover of the refrigerator

- 1) Fold the top cover of the refrigerator ① in advance as shown at the figure.

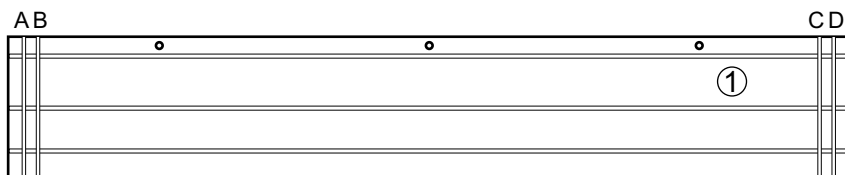


- 2) Fix the top cover of the refrigerator ① at the place by 45mm from the end of the furniture with the wood screws ⑥ (three spots).

(If the thickness of the furniture is 18mm or 20mm, cut and install the top cover of the refrigerator ① as described at the following "Reference".)



Reference



Door opened to the right

If the thickness of the furniture is 18mm, cut at A, but if it is 20mm, cut at B.

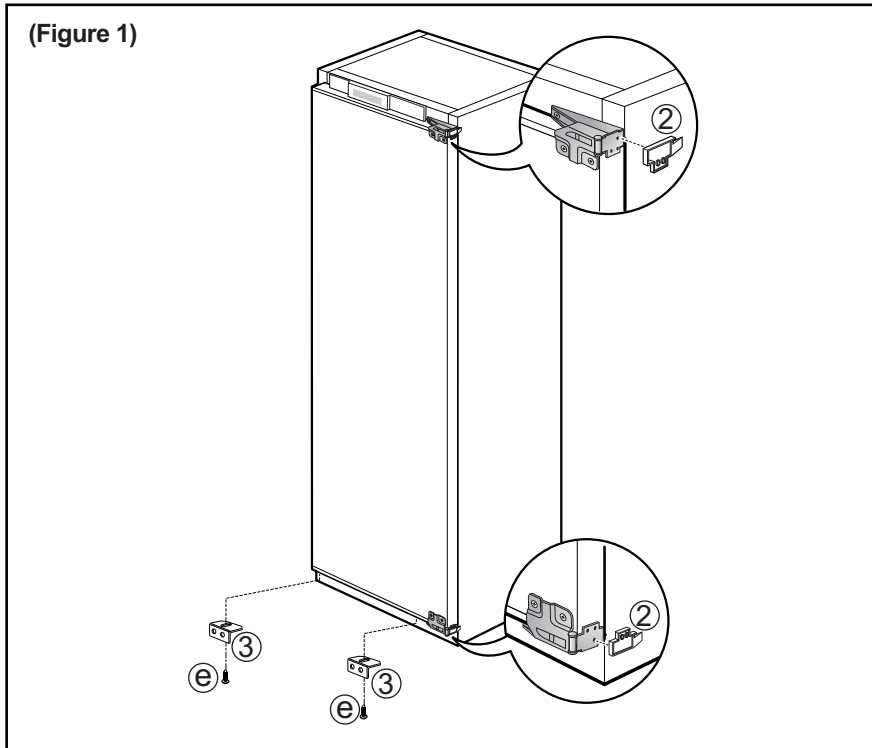
Door opened to the left

If the thickness of the furniture is 18mm, cut at D, but if it is 20mm, cut at C.

6. Procedure to install

1) Preparing before installing the refrigerator

2. Insert the hinge base ② into the hinges (two spots). (See Figure 1)
(If the thickness of the furniture is 20mm, do not install the hinge base ②.)
3. Tilt backward the refrigerator and loosely fix the height adjusting bracket ③ at the bottom (two spots) of the refrigerator door by using the hinge screws ④ as shown at the figure.



2) Case related work after placing the refrigerator

4. Put out the power cord through the hole at the rear side of the furniture.

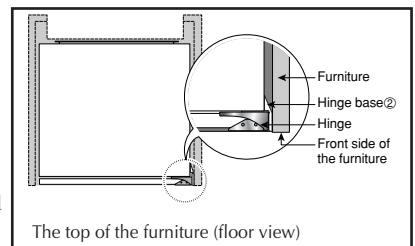


When installing the product, make sure that the cord is placed at the rear holder not to be extended on the refrigerator floor. It may damage the cord to cause fire.

5. Align the end of the hinge base ② to the front of the furniture and place the refrigerator into the furniture.



When placing the refrigerator into the furniture, be careful of squeezing hands.

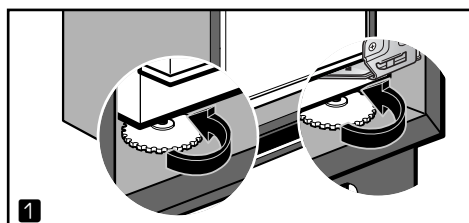


6. Procedure to install

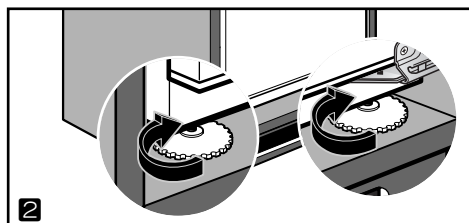
2) Case related work after placing the refrigerator

6. Adjust the horizontal/vertical level of the refrigerator by turning the level adjusting leg (Ⓔ).

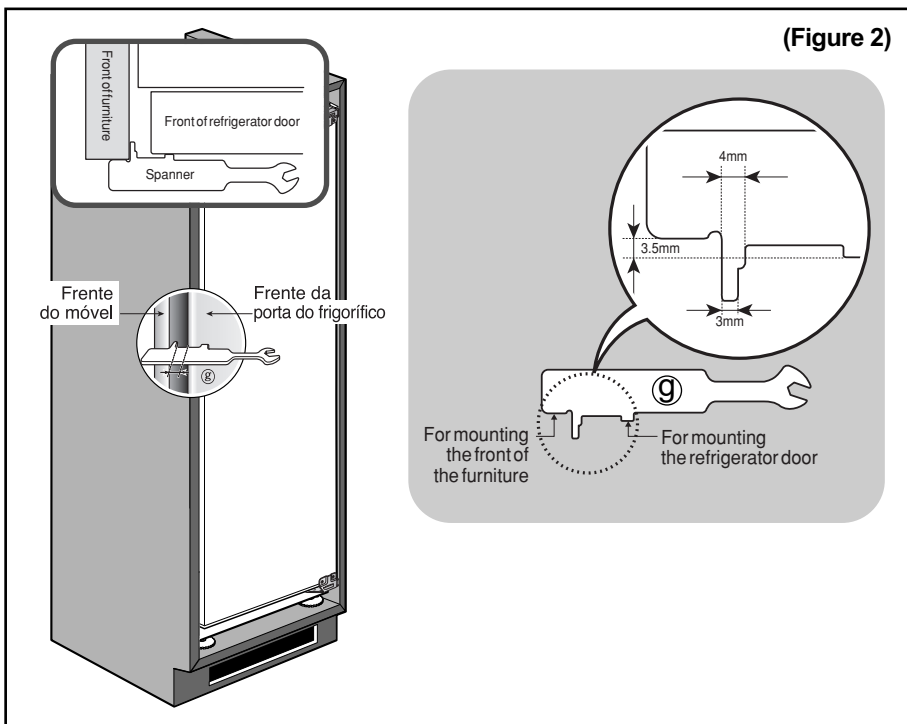
- 1 When the top side is deep
The refrigerator is tilted backward, so turn counterclockwise the level adjusting leg to adjust the level.



- 2 When the bottom side is deep
The refrigerator is tilted forward, so turn clockwise the level adjusting leg to adjust the level.



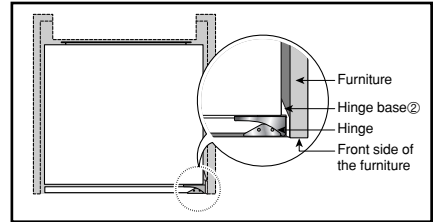
Use the spanner (Ⓔ) to make sure that the depth dimension of the front of the furniture and the front of the refrigerator door are constant. (See Figure 2)



6. Procedure to install

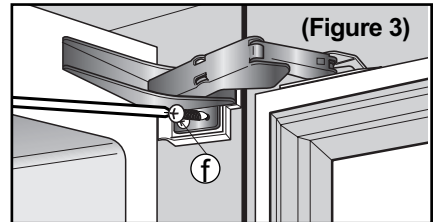
2) Case related work after placing the refrigerator

7. Make sure that the end of the hinge base ② is aligned with the front right of the furniture.

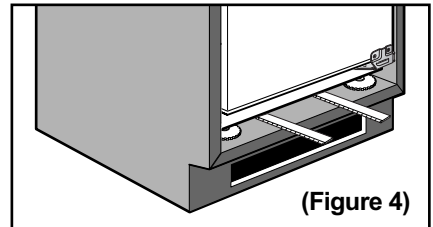


8. Fix the top hinge and the bottom hinge by the hinge screws ① (four spots).
(See Figure 3)

! When fixing the screws, be careful of being damaged by the hinge operation.



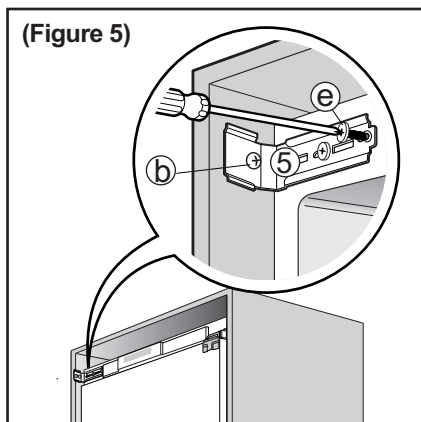
9. Use the ruler to make sure that the left depth and the right depth are constant as shown at Figure 4.



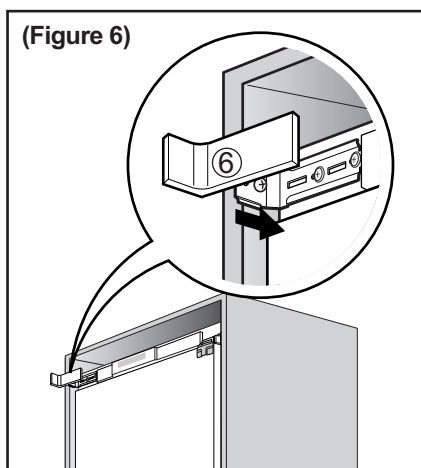
6. Procedure to install

2) Case related work after placing the refrigerator

10. Open the refrigerator door, place the hinge bracket ⑤ at the top left of the refrigerator, and fix them at the furniture and the refrigerator respectively with the wood screw ① (one spot) and the bracket screws ② (two spots). (See Figure 5)



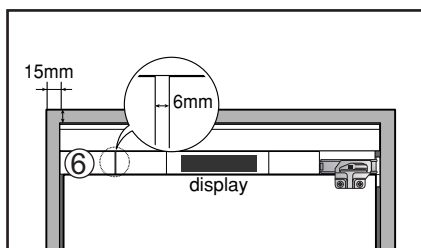
11. Insert the hinge bracket cover ⑥ from the left and then press it. (See Figure 6).



※ Reference

If the furniture thickness is 15mm, about 6mm of gap between the hinge bracket cover ⑥ and the cover display is generated.

- If the furniture thickness is 18~20mm
About 1mm gap is generated.

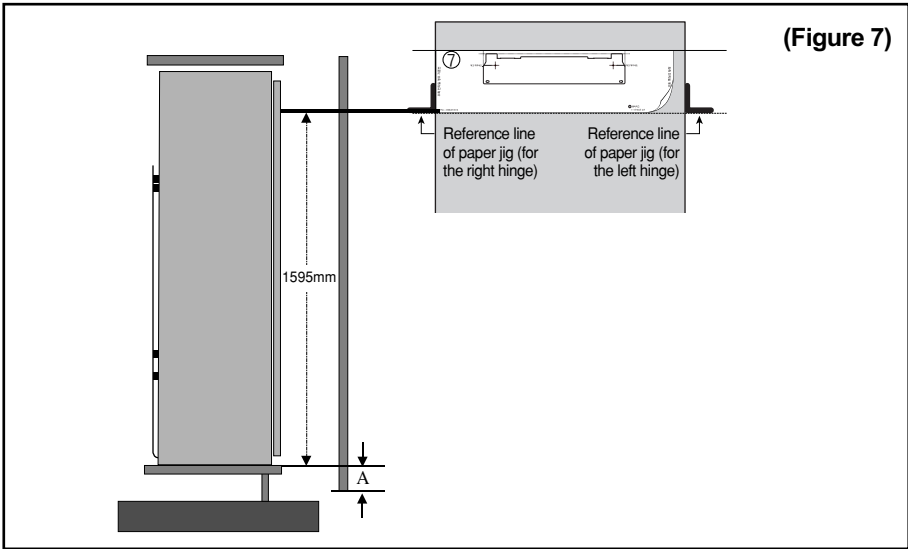


6. Procedure to install

3) Furniture door related work

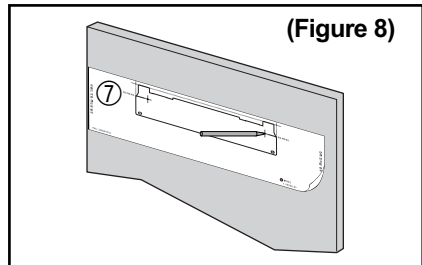
12. Place the paper jig ⑦ on the reference line of the paper jig at the rear side of the furniture door. (See Figure 7)

※ **Reference** - Place the reference line of the paper jig at 1595mm from the floor of the furniture.
 - If the furniture door is long, place the reference line of the paper jig at 1595mm plus 'A' from the floor of the furniture.



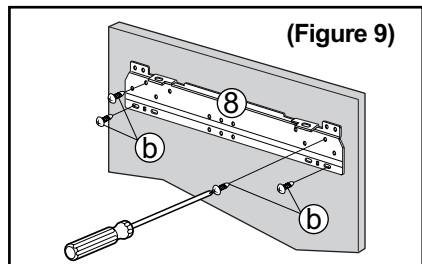
13. Mark two holes of the paper jig ⑦ at the furniture door. (See Figure 8)

⚠ Before fixing with the wood screw ⑥, make sure that the marked point is correct.



14. After removing the paper jig ⑦, place the top bracket ⑧ of the furniture door on the furniture plate and then fix the top bracket ⑧ of the furniture door with the wood screws ⑥ (four spots). (See Figure 9)

※ **Reference** - When fixing because the location of the top bracket is not correct, use the unused hole to fix.

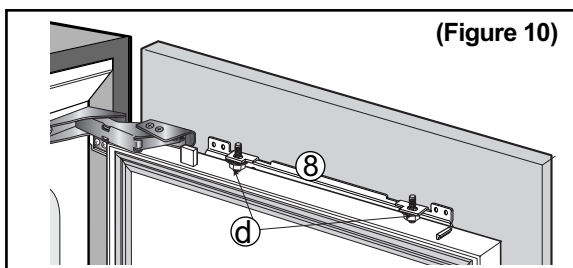


6. Procedure to install

4) Refrigerator door related work

15. Insert the height adjusting nuts ④ (two spots at the bottom) into the height adjusting screw, and then place the top bracket ⑧ of the furniture door at the height adjusting screw of the top of the refrigerator door. Use the height adjusting nut to adjust the height of the furniture door and set the level. (See Figure 10)

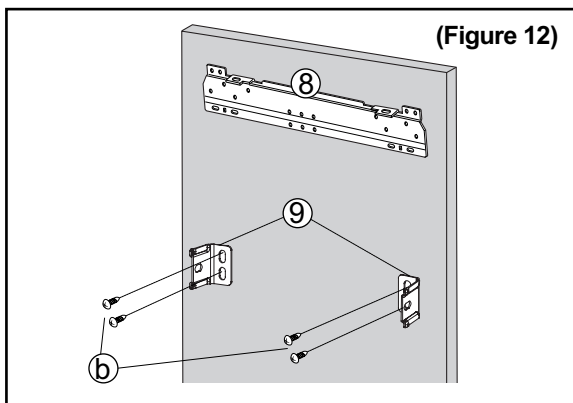
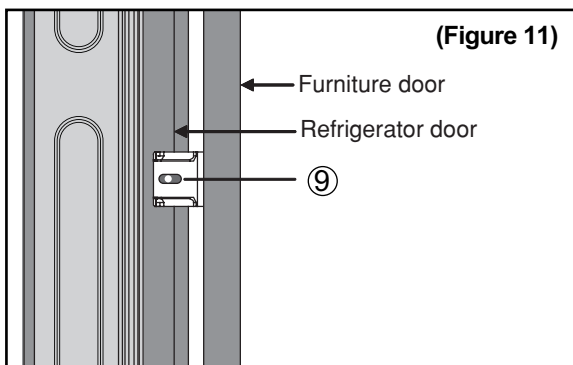
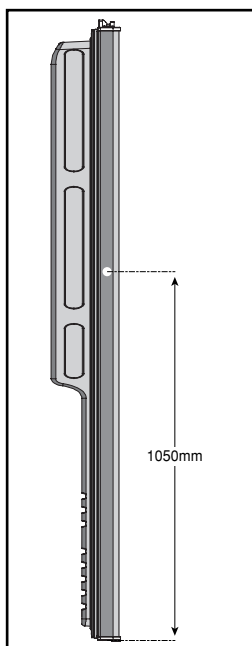
! When installing the furniture door, be careful of being injured or damaging the furniture door when the furniture door is dropped because the hole is not aligned.



16. Check the place where the hole of the depth adjusting bracket ⑨ is aligned with the hole of the refrigerator door (Figure 11), and fix the depth adjusting bracket ⑨ to the left/right (four spots) of the furniture door with the wood screw ⑥. (Figure 12)

※ Reference

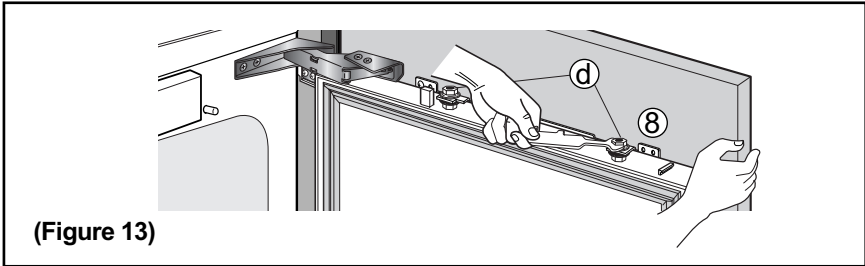
The door hole is located at 1050mm from the door floor.



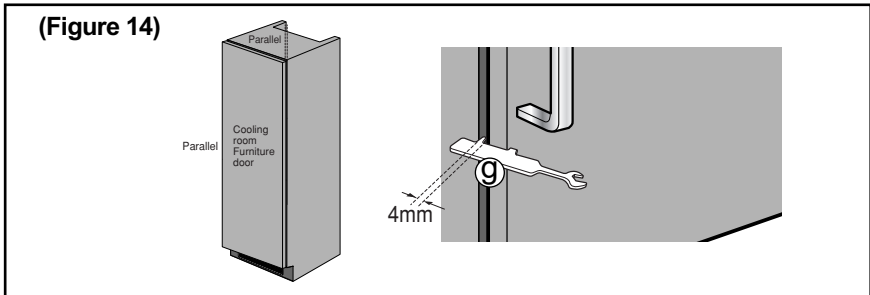
6. Procedure to install

4) Refrigerator door related work

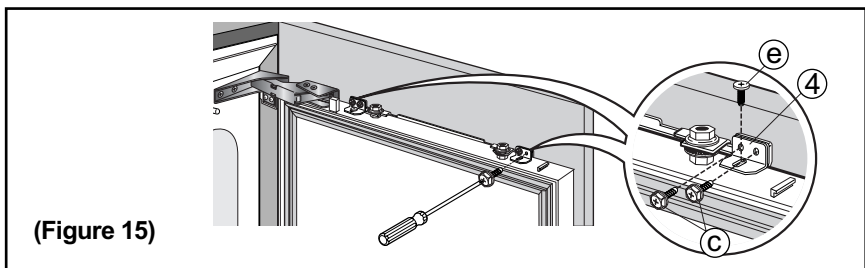
17. Loosely fix the top bracket ⑧ with the height adjusting nuts ① (Figure 13), and adjust the depth gap between the furniture door and the front of the furniture to 4mm. At this time, adjust the location of the furniture door for the furniture door not to touch the furniture when opening/closing the door.



18. Use the spanner ⑨ to check the dimension. (See Figure 15)



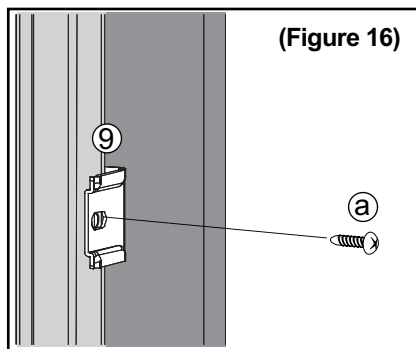
19. If the dimension is not correct, loosen the height adjusting nuts ①, the door screw ② and the wood screw ③, and repeat the work starting from Step 12.
20. Place the depth adjusting bracket ④ as shown at the figure, fix it with the bracket screw ⑤ (two spots), and fix with the top bracket screws ③ (four spots). (See Figure 15)
Secure the height adjusting nuts ① to fix the top bracket ⑧.



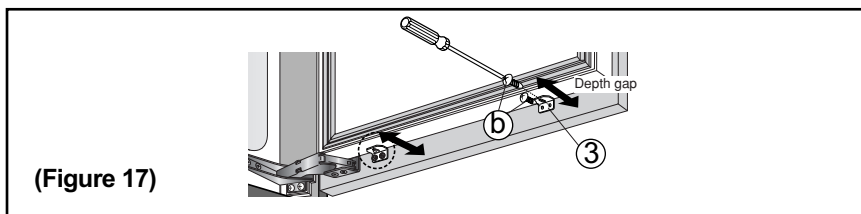
6. Procedure to install

4) Refrigerator door related work

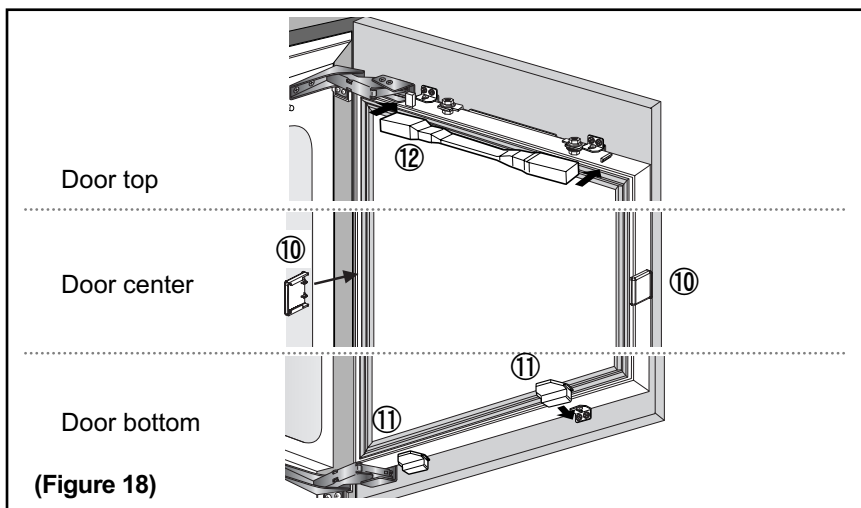
21. Move the furniture door to the depth direction to adjust the depth gap to 4mm (See Figure 14), and fix the depth adjusting bracket ⑨ to both sides (two spots) of the refrigerator door with the door screw ⑩. (Figure 16)



22. Use the wood screws ⑥ (four spots) to the depth adjusting bracket ③, move the furniture door to the depth direction to adjust the depth gap to 4mm (See Figure 14, Figure 17), and secure the loosely fixed bracket screw ⑤ (Figure 1) to fix the depth adjusting bracket ③.



23. Place the top bracket cover ⑫ on the door top and place the depth adjusting bracket cover ⑩ and ⑪ on the middle and the bottom of the door respectively. (See Figure 18)



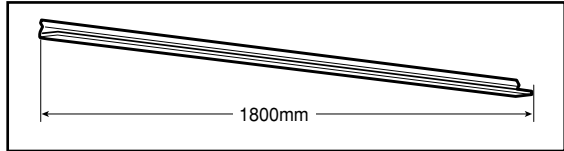
6. Procedure to install

5) Installation checkup and finishing work

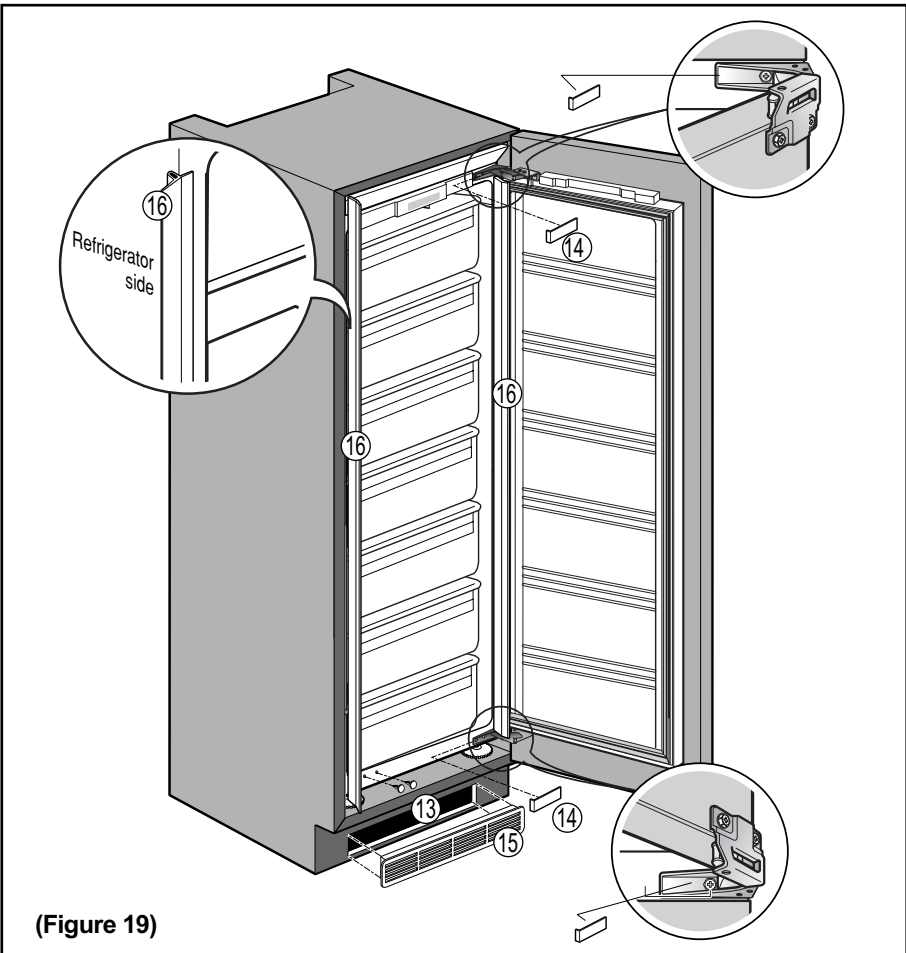
24. Insert the font cover ⑭ of the hinge into the front of the inside. (two spots)

25. Insert the ventilation cover ⑮ into the rectangular floorcloth pan.

26. Attach the gasket ⑯ as shown at the figure. Attach it to the opposite side from the hinge side. If the gasket is long, cut it according to the length to use.



27. Insert the cap screw ⑬ as shown at the figure.



(Figure 19)

6. Procedure to install

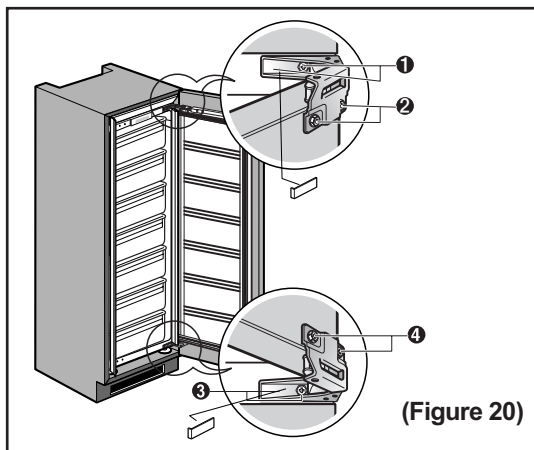
6) Changing the opening direction of the refrigerator door

※ Before installing, change the door to work.

1. Loosen the screws ❶ and ❸ at the hinge of the case section, and push the door to the right to disconnect. (See Figure 20)

2. Completely loosen the screws ❶ and ❸, and then fix them at the opposite side loosely. (See Figure 20)

3. Loosen the screws ❷ and ❹ fixed to the door to disconnect the hinge.

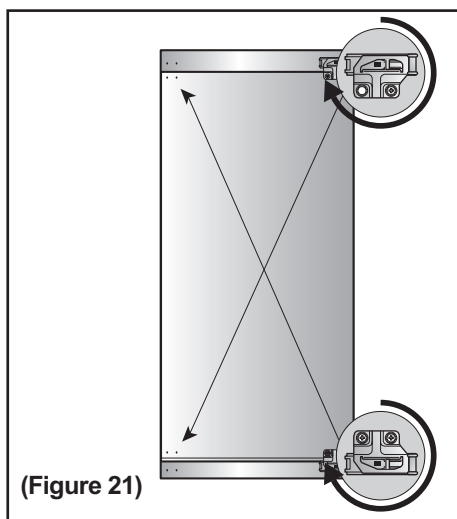


4. Move the disconnected hinge to the diagonal direction as shown at Figure 21, turn it 180°, and then fix the hinge to the door.

5. Align the door hinge with the screw fixed at the case, and push from the left to the right.

6. Adjust the top/bottom/left/right gap of the refrigerator door to remove tilting, and then secure the screws.

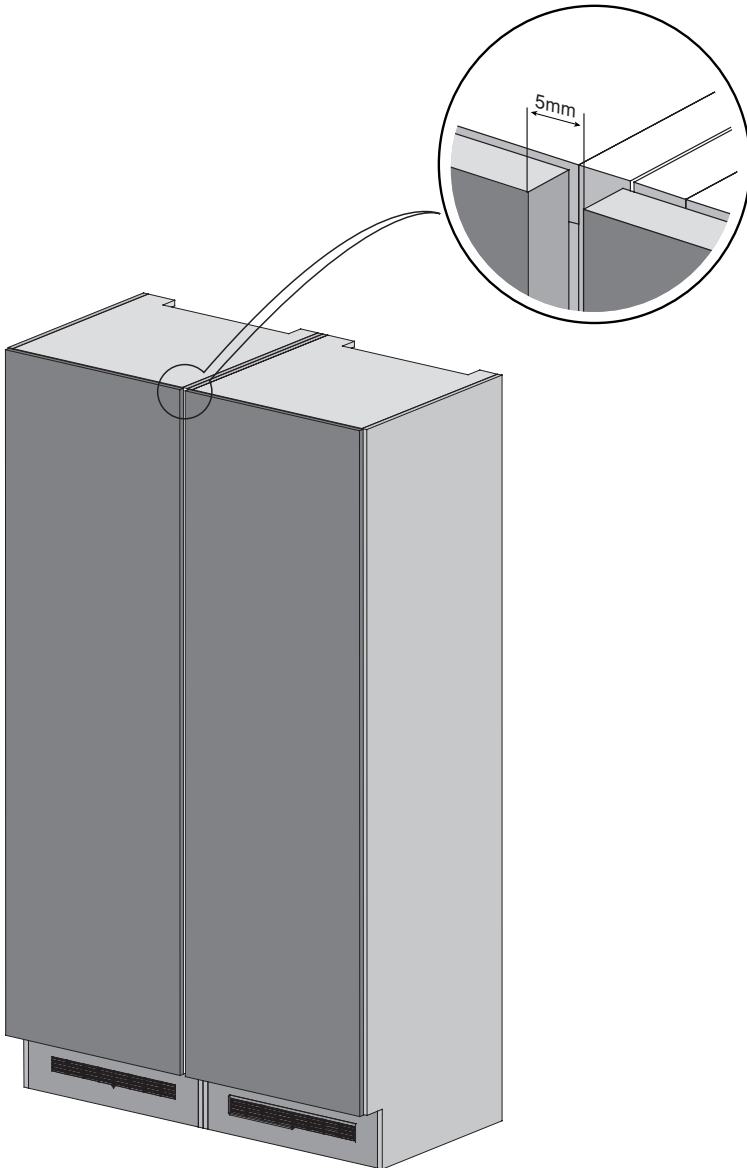
7. After fixing the hinge, insert the cap screws ❸ (two spots) at the opposite holes of the hinge.



6. Procedure to install

7) Furniture door gap

※ When installing two pieces of furniture closely, keep the gap between them 5mm or more.





FRIGORIFERO

Istruzioni per l'uso

Nel ringraziarvi per avere acquistato questo prodotto SMEG, vi raccomandiamo di leggere attentamente le seguenti istruzioni e di conservare questo manuale per eventuali consultazioni future.

FRIDGE

User's Guide

Please read this User's Guide carefully before operating and keep it handy for reference at all times.

KÜHLSCHRANK

Bedienungsanleitung

Lesen Sie diese Bedienungsanleitung vor dem Betrieb sorgfältig durch und bewahren Sie sie zum späteren Nachschlagen auf.

FRIGORÍFICO

Manual do Utilizador

Por favor leia cuidadosamente este Manual do Utilizador antes da primeira utilização e mantenha-o à mão para poder consultá-lo sempre que necessário.

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* Refer to Installation Instruction for details.

Introduction

Registration

The model and serial number are found on the rear of this unit. This number is unique to this unit and not available to others. You should record requested information here and retain this guide as a permanent record of your purchase. Staple your receipt here.

Date of Purchase : _____

Dealer Purchased From : _____

Dealer Address : _____

Dealer Phone No. : _____


Model No. : _____


Serial No. : _____


Important Safety Instruction


BASIC SAFETY PRECAUTIONS

This guide contains many important safety messages. Always read and obey all safety messages.

 This is the safety alert symbol. It alerts you to safety messages that inform you of hazards that can kill or hurt you or others or cause damage to the product. All safety messages will be preceded by the safety alert symbol and the hazard signal word DANGER, WARNING, or CAUTION. These words mean:

 **DANGER** You will be killed or seriously injured if you don't follow instructions.

 **WARNING** You can be killed or seriously injured if you don't follow instructions.

 **CAUTION** Indicates an imminently hazardous situation which, if not avoided, may result in minor or moderate injury, or product damage only.

All safety messages will identify the hazard, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

Important Safety Instruction

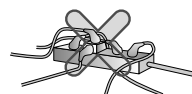
⚠ WARNING

To reduce the risk of fire, electric shock, or injury to persons when using your product, basic safety precautions should be followed, including the following. Read all instructions before using this appliance.

1. When connecting the power

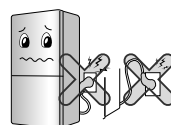
The dedicated outlet should be used.

- Using several devices at one outlet may cause fire.
- The electric leakage breaker may damage food and the dispenser may be leaked.



Do not allow the power plug to face upward or to be squeezed at the back of the fridge-freezer.

Water may be flown into or the plug may be damaged, which causes fire or electric shock.



Prevent the power cord from being squeezed or imprinted if the refrigerator is pushed in after the power plug is extracted during the installation.

It becomes the cause of fire or electric shock.

When moving your appliance away from the wall, be careful not to roll over or damage the power cord.

Do not allow the power cord bent or pressed by the heavy object to be damaged.

It may damage the power cord to cause fire or electric shock.



Important Safety Instruction

Do not extend or modify the length of the power plug.

It causes electric shock or fire by the electric damage of the power cord or others.



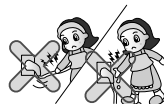
Unplug the power plug when cleaning, handling or replacing the interior lamp of the fridge-freezer.

- It may cause electric shock or injury.
- When replacing the interior lamp of the fridge-freezer, make sure that the rubber ring for preventing the electric spark within the socket is not taken off.



Do not pull out the cord or touch the power plug with wet hands.

It may cause electric shock or injury.



Remove water or dust from the power plug and insert it with the ends of the pins securely connected.

Dust, water or unstable connection may fire or electric shock.



Pull out the power plug not by grasping the cord but the plug of its end.

It may cause electric shock or short circuit to fire.



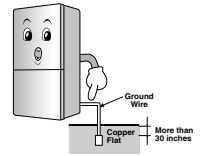
Important Safety Instruction

**Make sure of grounding.
Consult a qualified electrician or service person if the grounding instructions are not completely understood, or if you have doubts on whether the appliance is properly grounded.**

The incorrect grounding may cause breakdown and electric shock.

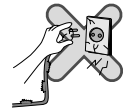
Be sure to use grounded exclusive proper voltage consent for the power plug.

It becomes the cause of fire.



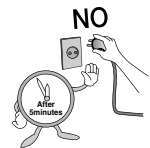
When the power cord or the power plug is damaged or the holes of the outlet are loosed, do not use them.

It may cause electric shock or short circuit to make fire.



Wait for 5 minutes or longer when reconnecting the plug.

It may cause the operation of the freezer to fail.



2. When using the fridge-freezer

Do not place the heavy object or the dangerous object (container with liquid) on the fridge-freezer.

It may be dropped to cause injury, fire or electric shock when opening or closing the door.



Do not cling to the door or the shelves of the door or the home bar of the freezer or the cool chamber.

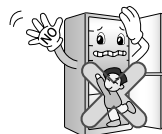
It may make the fridge-freezer fallen down or damage the hands. Especially, do not allow the children to do the above.



Important Safety Instruction

Prevent children from entering the product.

It may endanger the life of a child if the child enters the refrigerator.



Opening and closing the door of the refrigerator vigorously may cause the stored food in the refrigerator basket to fall by shock and hurt the foot, so take precautions.

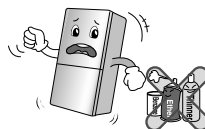
Do not install the fridge-freezer in the wet place or the place which water or rain splashes.

Deterioration of insulation of electric parts may cause electric leakage.



Do not use or store inflammable materials ether, benzene, alcohol, medicine, LP gas, spray or cosmetics near or in the fridge-freezer.

It may cause explosion or fire.



Do not place the lit candle within the fridge-freezer to deodorize. Do not use drier to dry the inside, nor light a candle to remove odor.

It may cause explosion or fire.



Important Safety Instruction

Do not store the medicine or the academic materials at the fridge-freezer.

When the material with the strict temperature control is stored, it may be deteriorated or it may make an unexpected reaction to cause any risk.



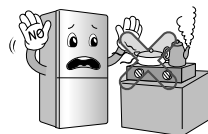
Do not use the combustible spray near the fridge-freezer.

It may cause fire.



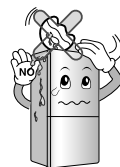
Avoid the heating devices. Install in places away from the fire such as the place where flammable gas is leaked.

It may cause fire.



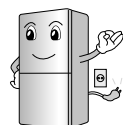
Do not place flower vase, cup, cosmetics, medicine or any container with water on the fridge-freezer.

It may cause fire, electric shock or injury by dropping down.



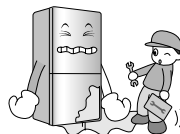
In case of thunder and lightning, or not in use for a long period of time, detach the power plug.

There is a danger of electric shock or fire.



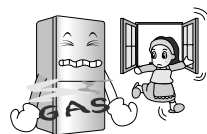
Important Safety Instruction

Use the submerged fridge-freezer after checking it.
It may cause electric shock or fire.



When gas is leaked, do not touch the fridge-freezer or the outlet and ventilate the room immediately.

- The explosion by spark may cause fire or burn.
- Because this fridge-freezer uses natural gas (isobutene, R600a) as the environment-friendly refrigerant, even a small amount (80~90g) is combustible. When the gas is leaked by the severe damage during delivering, installing or using the fridge-freezer, any spark may cause fire or burn.



Do not spray water at the outside or the inside of the fridge-freezer or do not clean it with benzene or thinner.

Deterioration of insulation of electric parts may cause electric shock or fire.



When any strange smell or smoke is detected from the fridge-freezer, disconnect the power plug immediately and contact to the service center.

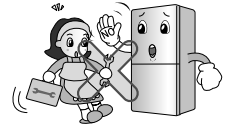
It may cause fire.



Important Safety Instruction

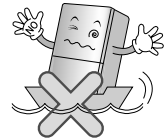
Do not allow any person except the qualified engineer to disassemble, repair or alter the fridge-freezer.

It may cause injury, electric shock or fire.



Do not use the fridge-freezer for non-domestic purpose (storing medicine or testing material, using at the ship, etc.).

It may cause an unexpected risk such as fire, electric shock, deterioration of stored material or chemical reaction.



When disposing the fridge-freezer, remove the packing materials from the door.

It may cause to lock out the child.



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.

Important Safety Instruction

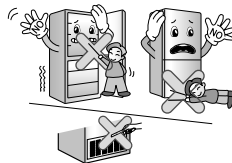
Install the fridge-freezer on the solid and level floor.

Installing it on the unstable place may cause death by falling down the fridge-freezer when opening or closing the door.



Do not insert the hands or the metal stick into the exit of cool air, the cover, the bottom of the fridge-freezer, the heatproof grill (exhaust hole) at the backside.

It may cause electric shock or injury.

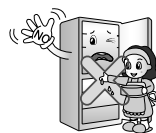


⚠ CAUTION

Violating this direction may cause injury or damage house or furniture. Always be careful, please.

Do not touch food or containers at the freezer with wet hands.

It may cause frostbite.



Do not place the food in disorder inside the refrigerator.

The food may fall during opening and closing the door of the refrigerator and hurt people.

Important Safety Instruction

Do not put bottle in the freezer.

It may freeze the contents to break the bottle to cause injury.



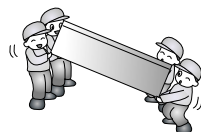
Do not insert the hands into the bottom of the fridge-freezer.

The iron plate of the bottom may cause injury.



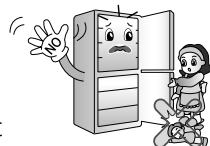
Carry the fridge-freezer with the handle bar at the bottom of the front and the top of the rear.

Otherwise, your hands may be slipped to cause injury. Because the product is heavy, carrying it alone may hurt people or accidents may occur.

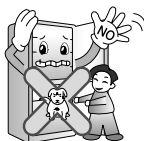


Because opening or closing the door or the home bar of the fridge-freezer may cause injury to the person around it, be careful, please.

Opening or closing the door may cause feet or hands to be caught in the chink in door or the child to be get hurt by the corner.



Do not put any living animal in the fridge-freezer.



Important Safety Instruction

Precaution

⚠ Warning

- This fridge-freezer must be properly installed and located in accordance with the Installation Instruction before it is used.
- Before you install this fridge-freezer reference to installation manual.
- Never unplug your fridge-freezer by pulling on the power cord. Always grip plug firmly and pull straight out from the outlet.
- After your fridge-freezer is in operation, do not touch the cold surfaces in the freezer compartment, particularly when hands are damp or wet. Skin may adhere to these extremely cold surfaces.
- Pull out the power plug prior to cleaning the fridge-freezer.
Never damage, severely bend, pull out, or twist the power cord because power cord damage may cause a fire or electronic shock.
Never place glass products in the freezer because they may be broken when their inner contents are frozen.
- Do not directly spray water inside or outside the fridge/freezer.
There is a risk of explosion or fire.
- Do not insert the power plug with wet hands.
You may receive an electric shock.
- Do not install the fridge/freezer in a damp place, where it could be splashed with water.
Incorrect insulation of the electrical parts may cause an electric shock or fire.

Important Safety Instruction

- Do not disassemble, repair or alter the appliance. It may cause fire or abnormal operations, which may lead to injury.
- Pull the power plug out of the socket before replacing the interior light in the refrigerator. Otherwise, there is a risk of electric shock.
- If possible, connect the fridge-freezer to its own individual electrical outlet to prevent it and other appliances or household lights from causing an overload.

Do not modify or extend the Power Cord length

It will cause electric shock or fire.



Accessibility of Supply Plug

The supply plug of the refrigerator-freezer should be placed in easy accessible position for quick disconnection in emergency.

Supply Cord Replacement

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

Danger

Risk of child entrapment.

Before you throw away your old refrigerator or freezer:

Take off the doors.

Leave the shelves in place so that children may not easily climb inside.

Don't store

Don't store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

Grounding (Earthing)

In the event of an electric short circuit, grounding (earthing) reduces the risk of electric shock by providing an escape wire for the electric current. In order to prevent possible electric shock, this appliance must be grounded. Improper use of the grounding plug can result in an electric shock.

Important Safety Instruction

⚠ Warning

- ⚠ 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.
- ⚠ The refrigerant and insulation blowing gas used in the appliance require special disposal procedures. When disposal, please consult with service agent or a similarly qualified person.



This appliance contains a small amount of isobutane refrigerant (R600a), natural gas with high environmental compatibility, but it is also combustible. When transporting and installing the appliance, care should be taken to ensure that no parts of the refrigerating circuit are damaged. Refrigerant squirting out of the pipes could ignite or cause an eye injury. If a leak is detected, avoid any naked flames or potential sources of ignition and air the room in which the appliance is standing for several minutes.

In order to avoid the creation of a flammable gas air mixture if a leak in the refrigerating circuit occurs, the size of the room in which the appliance may be sited depends on the amount of refrigerant used. The room must be 1m² in size for every 8g of R600a refrigerant inside the appliance. The amount of refrigerant in your particular appliance is shown on the identification plate inside the appliance.

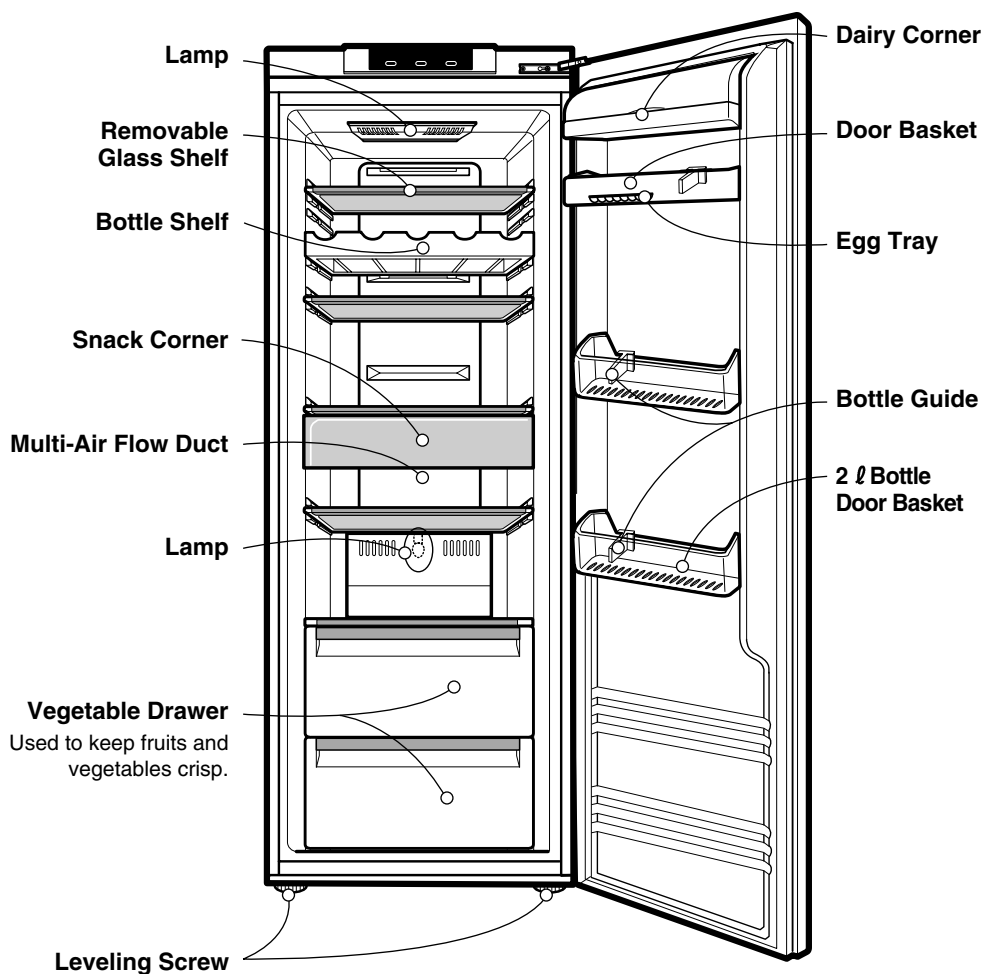
Never start up an appliance showing any signs of damage. If in doubt, consult your dealer.

Important Safety Instruction

⚠ Caution

- If the wall socket is loose, do not insert the power plug.
It may cause electric shock or fire.
- Never unplug your refrigerator by pulling on the power cord. Always grip plug firmly and pull it straight out from the outlet.
You may disconnect a wire and cause a short circuit.
- Do not use a wet or damp cloth when cleaning the plug. Remove any foreign matter from the power plug pins.
Otherwise, there is a risk of fire.
- Do not put your hands into the bottom area of the appliance.
Any Sharp edges may cause personal injury.
- After unplugging the appliance, wait for at least five minutes before plugging it again to the wall socket.
Abnormal operation of the freezer may cause material damage.
- If the appliance is not to be used for a long time, pull out the power plug.
Any deterioration in the insulation may cause fire.
- Do not let children touch or play with the control panel on the front of the appliance.
- The refrigerant used in fridge/freezer and the gases in the insulation material require special disposal procedures. Ensure that none of the pipes on the back of the appliances are damaged prior to disposal.

Identification of Parts

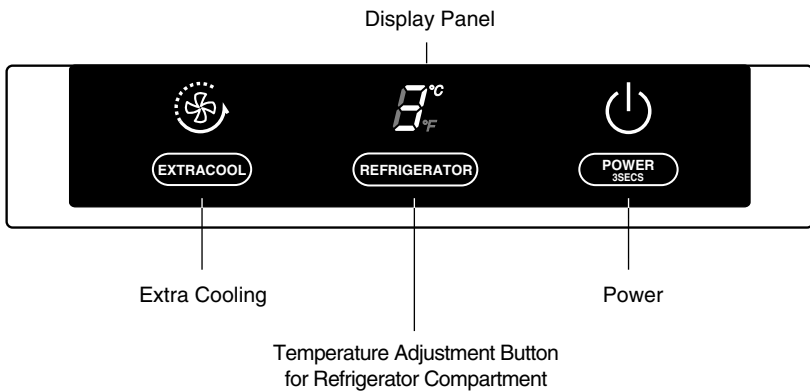


Temperature Control

Your fridge has controls that let you regulate the temperature in the fridge compartments.

Display Panel For Temperature Control

Adjusting the temperatures and functions



Power

- If you push button more than 3 seconds you can switch on or off the Refrigerator.



How to adjust the temperature in the refrigerator compartment

- The initial Temperature of the Refrigerator Compartment is 0°C and 6°C respectively. You can now adjust the temperature of the compartments as you want.



- When you press the temperature control button, the temperature of the Refrigerator part is change by 1 degree.

Note

The actual inner temperature varies depending on the food status, as the indicated setting temperature is a target temperature, not actual temperature within refrigerator.

Refrigeration function is weak in the initial time. Please adjust temperature as above after using refrigerator for minimum 2~3 days.

Extra Cooling

- Please select this function for prompt cooling.
- This function is used when you want to cool the foods quickly. Press the EXTRA COOL (Extra Cooling) button once, and then the quick cool operation starts with the lamp it.
- The Extra Cooling operation takes about 2 hours. When its operation ends, it automatically returns to the previous temperature setting. If you want to stop the quick cool operation, press the EXTRA COOL button once more, the lamp goes out, and the Extra Cooling operation stops and the refrigerator returns to the previous temperature setting.



Self Test

This function allows you to check for operational problems. If you think you have a problem with your fridge, then press the temperature control button:

- If the indicate lights move up or down, then there is no problem with your fridge.
- If the indicate lights do not move up or down, then please leave the power connected and call your nearest service agent.

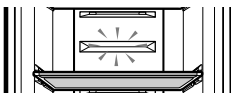
Door Alarm

When the door of the fridge is left open for a while, the alarm sounds.

Low-temperature catalyst deodorization system (removing the odor)

Features

- 1. It does not harm the stored food with the excellent function to remove the odor.
- 2. In particular it is efficient to remove the odor of the fermented food.
 - Insert the strongly smelt food into the sealed container to store. It may cause to soak other food with a scent.



How to store food properly

Refrigerator shelf

Place dishes or food properly spaced.



Bottle shelf

Store beverage bottle or wine bottle with the height 275mm or smaller here. (Place the glass bottle carefully because it may breaks.)



Snack compartment

Place small food such as cookie and bread here. (Do not place vegetable or food in bottle.)



Vegetable compartment

Place vegetable or fruit here.



Dairy goods compartment

Place dairy goods such as butter and cheese here.



2L bottle shelf

Place 2.0L bottle or other big-size bottle here.



Storing Food

⚠ Caution

- Do not store food which goes bad easily at low temperature, such as banana, and melon.
- Allow hot food to cool prior to storing. Placing hot food in the fridge could spoil other food, and lead to higher electric bills.
- When storing the food, use a container with a lid. This prevents moisture from evaporating, and helps food to keep its taste and nutrients.
- Do not block air vents with food. Smooth circulation of cold air keeps fridge temperature even.
- Do not open the door frequently. Opening the door lets warm air enter the fridge, and cause temperature to rise.
- Never keep too many foods in door rack, as this may stop the door from fully closing.
- Do not refreeze food that has been thawed. This causes loss of taste and nutrition.
- Do not store pharmaceutical products, scientific materials or other temperature sensitive products in the refrigerator. Products that require strict temperature controls must not be stored in the refrigerator.
- If you want to quick cool new food, you put it middle drawer of fridge compartment, and then press the Extra Cooling button.

Note

If you keep the fridge in a hot, and humid place, frequently open its door or put a lot of vegetables in it, dew may form in it, which has no effect on its performance. Remove the dew with dust cloth free from care.

General Information

Power Failure

- 1~2 hour power failure does no harm to the foods stores. Try to avoid opening and closing the door too frequently.

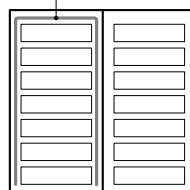
If You Move

- Take out foods from the fridge and firmly fix the loose items with tape.
- Do not move the fridge by sliding.

Anti Condensation Pipe

- The Anti-Condensation pipe is installed around the front side of fridge as well as on the partition between fridge compartment to prevent dewing.
- Especially after installation or when ambient temperature is high, the fridge may feel hot, which is quite normal.

Anti-Condensation Pipe



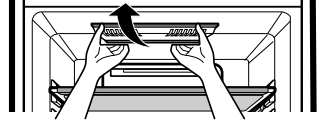
How to disassemble each component

It can be possible to disassemble only when the door is opened by 90° or wider. Disassembling should be done by the reverse order of assembling.

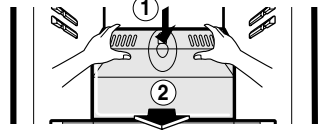
Indoor lamp

Disconnect the power plug or turn off the main power before disassembling.

- Insert the fingers into the inside slot of the top cover and pull out it to remove.



- Push the upper part of the middle cover and pull out it to remove.



- Turn counterclockwise the indoor lamp to disassemble.

- Use the 240V 30W bulb for the refrigerator as indoor lamp.

- Because the indoor lamp is consumable, when the indoor lamp is not turned on, purchase it from the LG Electronics Service Center and directly replace it to use.

⚠ Caution

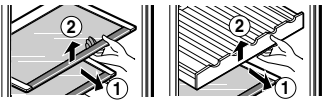
- You must check the O-RING, which is made by rubber and prevent electric spark.
- Don't touch the lamp, in case of light on the long time. Because it can be very hot.

Note

- Lamp capacity is MAX 30W.
- The lamp will remain "ON" for 7minutes if the door is left open and then it is "OFF" for safety. (If you reopen the door, the lamp is "On".)

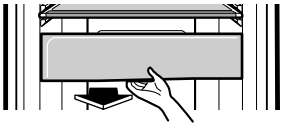
**Refrigerator/
Bottle shelf**

Slightly pull out and then slightly lift up and pull out the front side of the shelf to remove.



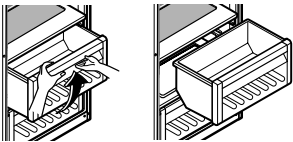
**Snack
compartment**

Pull out and then slightly lift up and pull out it to remove.



**Vegetable
compartment**

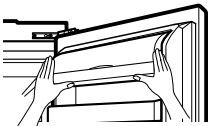
Pull out and then slightly lift up and pull out the vegetable compartment to remove as shown at the figure.



After removing the vegetable compartment, slightly lift up and pull out the front side of the vegetable compartment cover to remove.

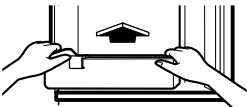
**Dairy goods
compartment**

Hold both sides of the dairy goods compartment, and then lift up and pull out it to remove.



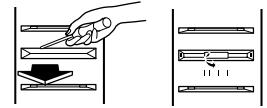
Refrigerator basket

Hold both sides of the refrigerator basket, and then lift up and pull out it to remove.



Deodorant

- Insert the '-' screwdriver into the top of the deodorant cover and pull out the cover to remove.



- After removing the cover, pull out the deodorant to remove.
- The deodorant may be reused by drying the deodorant with the hair dryer or bathing it in the sun to remove the soaked smell.

Note

Do not insert the screwdriver into the cool air opening.

To Reverse the Doors

- Your fridge is designed with reversible doors, do that they may open from either the left or right hand side to suit your kitchen design.

⚠ Caution

However, When you want to reverse the doors, you must be calling to service agent.

Reversing the doors is not covered by the warranty.

Cleaning

Before Cleaning

Be sure to unplug the power or shutdown the main switch in your house.

Exterior

Clean the outside of the fridge with a soft cloth soaked with hot water or liquid detergent. If you use a detergent, be sure to wipe it with a clean wet cloth.

Interior

As above.

After Cleaning

Check that the power cord is not damaged, power plug has not overheated, and that the power plug is tightly inserted into the outlet.

⚠ Warning

Be sure to dry the appliance with a cloth after washing it with water.

Do not use abrasive, petroleum, benzene, thinner, hydrochloride acid, boiling water, rough brush, etc, as they may damage parts of the fridge.

Before calling for service, check this list. It may save you both time and expense. This list includes common occurrences that are not the result of defective workmanship or materials in this appliance.

Problem

Possible Causes

Fridge does not operate

- Power plug may be unplugged from the electric outlet.
Plug it in securely.
- House fuse has blown or circuit breaker has tripped.
Check and/or replace fuse and reset circuit breaker.
- Power cut.
Check house lights.

Fridge Compartment Temperature too warm

- Temperature control not set on proper position.
Refer to Temperature Control section.
- Appliance is placed close to heat source.
- Warm weather-frequent door openings.
- Door left open for a long time.
- Package holding door open or blocking air duct in fridge compartment.

Vibration or Rattling or Abnormal Noise

- The floor on which the fridge is installed may be uneven or the fridge may be unstable.
Make it even by rotating the leveling screw.
- Unnecessary objects placed in the back side of the fridge.

Frost or Ice Crystals on frozen Food

- Door may have been left ajar or package holding door open.
- Too frequent or too long door openings.
- Frost within package is normal.

Moisture forms on Cabinet Surface

- This phenomenon is likely to occur in a wet space.
Wipe it with a dry towel.

Problem

Moisture collects inside

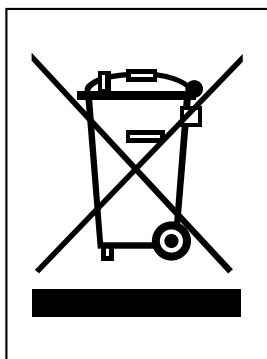
Fridge has odor

Door not closing properly

Interior light does not work

Possible Causes

- Too frequent or too long door openings.
- In humid weather, air carries moisture into fridge when doors are opened.
- Foods with strong odors should be tightly covered or wrapped.
- Check for spoiled food.
- Interior needs cleaning.
Refer to CLEANING section.
- Food package is keeping door open.
Move packages that keep door from closing.
- Fridge is not level.
Adjust the leveling screws.
- The floor on which the fridge is installed may be uneven or the fridge may be unstable.
Slightly raise the front side with the leveling screw.
- No power at outlet.
- Light lamp needs replacing.
Refer to the Lamp Replacement section



DISPOSAL OF YOUR OLD APPLIANCE

1. When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC.
2. All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
3. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.
4. For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service or the shop where you purchased the product.

SMEG IN THE WORLD

Headquarters

Smeg S.p.A.
Via Leonardo da Vinci, 4
42016 Guastalla (RE)
Tel. +39 0522 8211
Fax Italia. +39 0522 821452
Fax Export. +39 0522 821455
E-mail. commerciale.incasso@smeg.it
www.smeg.it

Subsidiaries

Belgium

N.V. SMEG BELGIUM S.A.
Schoonmansveld 12
2870 Puurs
Tel. +32 (0) 3 8609696
Fax. +32 (0)3 8860666
E-mail. info@smeg.be
www.smeg.be

France

SMEG FRANCE S.A.
9, rue Linus Carl Pauling
B.P. 548
76824 Mont Saint Aignan
Cedex
Tel. +33 (0)235 121414
Fax. +33 (0)235 607077
E-mail. smeg@smeg.fr
www.smeg.fr

Germany

SMEG HAUSGERÄTE GmbH
Carl-Zeiss-Ring, 8-12
D-85737 Ismaning (München)
Tel. +49 (0)89 9233480
Fax. +49 (0)89 92334819
E-mail. smeg@smeg.de
www.smeg.de

Great Britain

SMEG (UK) LTD
3 Milton Park,
Abingdon Oxon OX14 4RN
Tel. +44 (0) 1235 861120
Fax. +44 (0) 1235 861120
E-mail. sales@smeguk.com
www.smeguk.com

Holland

SMEG NEDERLAND B.V.
Veemkade, 384
1019 HE AMSTERDAM
Tel. +31 (0)20 4490120
Fax. +31 (0)20 3582640
E-mail. info@smeg.nl
www.smeg.nl

Portugal

SMEG PORTUGAL, Lda
Av. da Quinta Grande, 53° - 8° A
2614-521 Ed. Prime Alfragide
Amadora (Portugal)
Tel. +351 214 704 360
Fax. +351 214 704 361
E-mail. comercial@smeg.pt
www.smeg.pt

Russia

SMEG RUSSIA
Russia, 121108, Moscow
Minskaia str., 1G- f.18
«Zolotye Kliuch II»
Tel. +7 495 645 9651
Fax. +7 495 645 9661
E-mail. smeg-russia@smeg.com
www.smeg.ru

Spain

SMEG ESPANA, S.A.
c/Hidráulica, 4 - P.I. La Ferreria
08110 Montcada i Reixac (Barcelona)
Tel. +34 (0)93 5650250
Fax. +34 (0)93 5644310
E-mail. smeg@smeg.es
www.smeg.es www.smeg.es

Showroom Madrid

Tel. +34 (0)91 4008172
Fax. +34 (0)91 4008176
E-mail. showroom.madrid@smeg.es

Sweden

SMEG SVERIGE AB
Dockplatsen 1
21119 Malmö
Tel. +46 (0)40 669 54 90
Fax. +46 (0)40 669 54 99
E-mail. info@smeg.se
www.smeg.se

USA

SMEG USA
A & D Building
150 E 58th Street - 7th Floor
Suite 0762
New York, NY 10155
Tel. +1 212 265 5378
Fax. +1 212 265 5945
Toll free. +1 866 736 7634
E-mail. info@smegusa.com
www.smegusa.com

Representative Offices

Hong Kong

Unit 301, 3/F
Tai Yip Building
141 Thomson Road
Wanchai, Hong Kong
Tel. +852 2328 2103
Fax. +852 2328 2117
E-mail. daniel.yiu@smeg.it

Saudi Arabia

P.O. Box 51689
Jeddah 21553
Tel. +966 2
6503679/6529024
Fax. +966 2 6511099
E-mail. mohammed.hammoudeh@smeg.it