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Primary features

① Efficient ice making

A semi-automatic icemaker is installed in the freezer compartment and ice cubes can be made efficiently.

② Unique chiller compartment design

On the top of the refrigerator compartment is a chiller drawer designed for convenient access.

③ Automatic defrosting

This appliance features air-cooling system for automatic defrosting.

④ Unique external layout

Unique designs of streamline and curve refrigerator doors with reverse C shaped handle.

⑤ Refrigerator air curtain cooling design

Air curtain surround cooling adjusting refrigerator temperature (difference within 2 C).

⑥ Multiple venting system for efficient cooling achievements

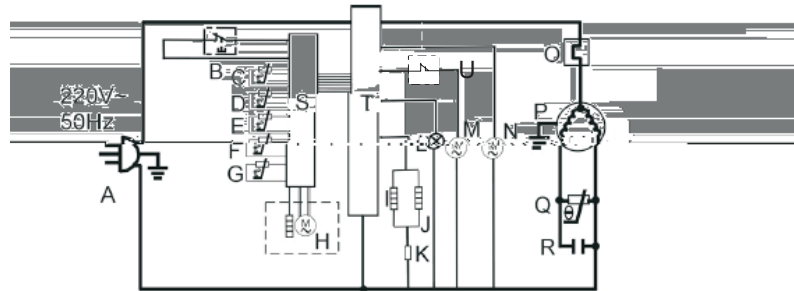
Multiple vents are designed in the air circulation channels for efficient distribution of coldness in each compartment.

⑦ Separate control for refrigerating and freezing storage

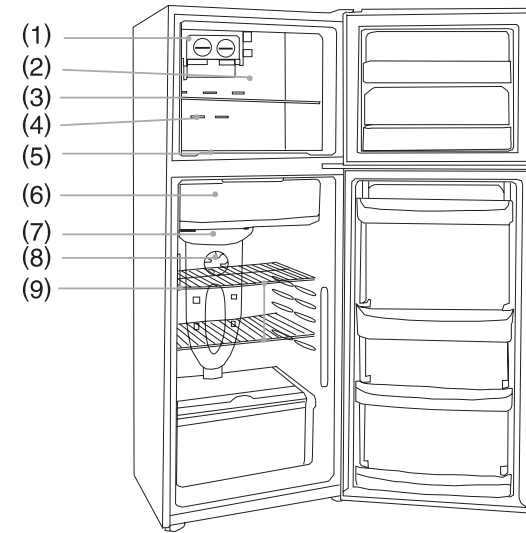
The refrigerating and freezing compartments are controlled separately to optimize cooling efficiency and economic operation.

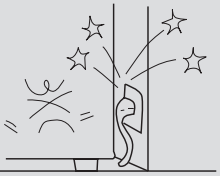
Circuit diagram

HRF-356/396



- A. Power plug B. Light switch C. Sensor 1 D. Sensor 2
- E. Sensor 3 F. Sensor 4 G. Sensor 5 H. Air outlet
- I. Heater 1 J. Heater 2 K. Fuse L. Light
- M. Freezer fan motor N. Refrigerator fan motor
- O. Overload protector P. Compressor Q. PTC
- R. Operating capacitor S. Display screen T. Power panel
- U. Switch 2





After-sales service

Please determine the cause of the problem before making any repair.

Strange odor

- Failure to seal food properly
- Rotting food inside refrigerator



- Problems
- Intense noise
 - Large amount of frost
 - Hot weather
 - Frequent opening
 - Door not properly closed
 - Improper temperature setting
 - Poor ventilation

Limited Warranty



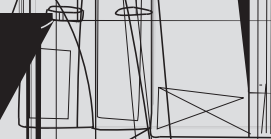
1. Warranty Certificate: If consultation or repair is needed, please provide the local authorization with the Warranty Certificate and the purchase invoice.
2. The one-year free maintenance shall be provided for normal operation of the appliance and three-year free maintenance shall be provided for main accessories and parts of the appliance (Subject to date of the purchase invoice.)

Safety precautions

Never store inflammable, explosive or corrosive materials in the refrigerator.



This refrigerator should not be used for food storage. It is not recommended to place microbiological or chemical materials, which have special requirements in temperature setting.



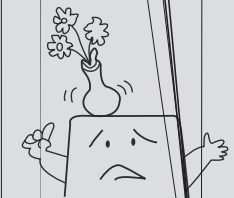
Don't place electrical plugs, regulators or microwaves on top of the refrigerator. Don't use electric appliances (Except those allowed by manufacturer) inside the refrigerator.



Don't apply excessive force on the refrigerator door.

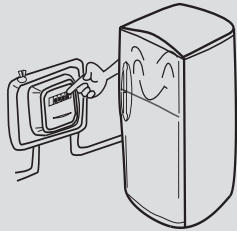


Don't place heavy or unstable articles or water containers on top of the refrigerator.



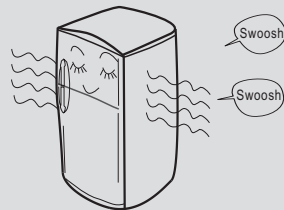
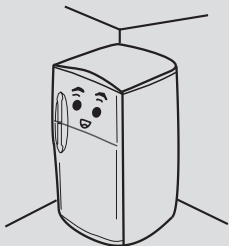
Troubleshooting

Energy efficiency specified in the technical parameters complies with government standards and is measured under the following conditions: ambient temperature 25°C, refrigerator compartment temperature 5°C, freezer compartment temperature -18°C and 24h continuous operation with doors closed. Actual power consumption may exceed this value if more food in storage, ambient temperature higher and the door more frequently opened.



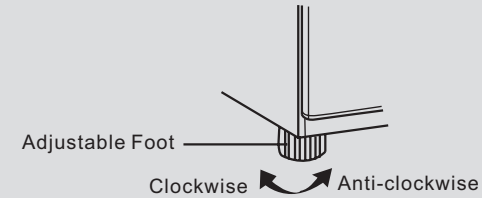
Excessive vibration will result in the following circumstances:
 a) The refrigerator is not well positioned and adjusted.
 b) The refrigerator is placed on a wood floor or near to wooden furniture.

Liquid refrigerant flowing in the evaporator may produce a slight sound similar to that of flowing water. When the refrigerator is stopped, the backflow refrigerant may also generate that sound.



Location

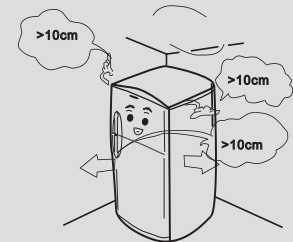
The appliance should be placed on a flat and solid surface. If the refrigerator is placed on a plinth, flat, strong and fire-resistant materials must be used. The front black foot of the refrigerator can be adjusted clockwise or anti-clockwise to lift or lower the refrigerator if it is placed on an uneven surface.



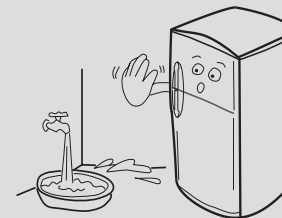
The refrigerator shall be placed away from heat sources or direct sunlight.



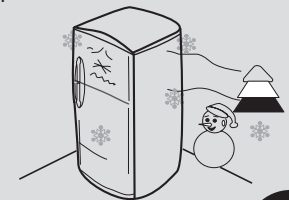
The refrigerator should be placed in a well-ventilated area, and a space of 10cm or more should be allowed around the refrigerator.



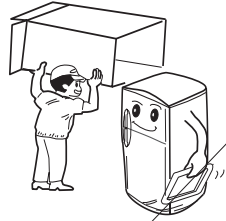
Never place the refrigerator near to a water source. Clean and dry any water splashes and stains with soft cloth.



Never place the refrigerator in an area with an ambient temperature below zero. Never operate the refrigerator outdoors or in rain.



①



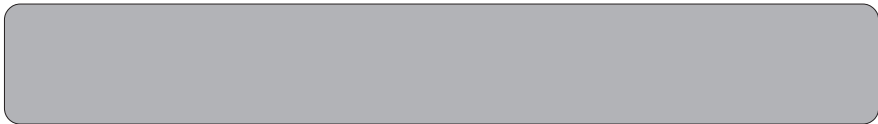
②



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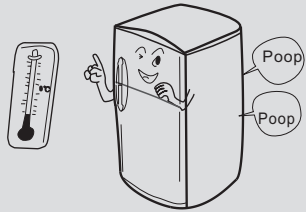
④

⑤

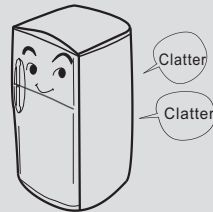


Troubleshooting

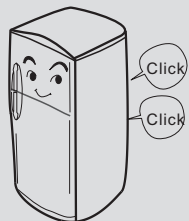
The evaporator and piping system of the refrigerator may produce a slight sound when the refrigerator operates due to ambient temperature changes.



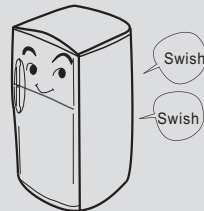
The thermostat, starting capacitor and heat protector may produce a slight sound when the refrigerator starts or stops.



A slight sound may be produced by defrosting water flowing into the evaporating recipient and the compressor at the moment of operation commencement or vacation.



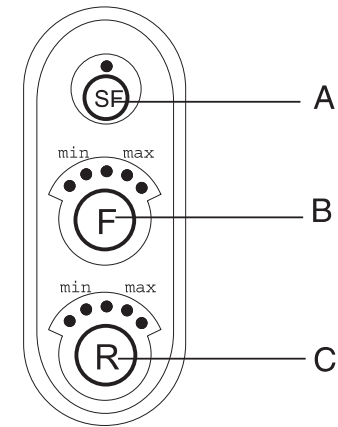
A slight continuous sound can be heard when the liquid refrigerant circulates to the evaporator.



Operation

① Power supply

② Adjusting temperature



1. UI definition

1.1 Buttons and functions

Refrigerator and freezer scale; super freeze function

Press the following 3 buttons to set up desired performances:

- C- refrigerator: setup of refrigerator performance
- B-freezer: setup of freezer performance
- A-super freeze: setup of super freeze performance
- Refrigerator button + Freezer button + Super freeze button (once/twice/thrice): setup test 1/test 2/exit

Operation

1.2 Indicator

- a. Super freeze: the largest indicator lights on the top, super freeze mode activated;
- b. Refrigerator sensor 1 error: first one from left of refrigerator scale indicators blinks at 1Hz
- d. Refrigerator sensor 2 error: second from left of refrigerator scale indicators blinks at 1Hz
- e. Freezer sensor error: first from left of freezer scale indicators blinks at 1Hz
- f. Defrost sensor error: second from left of freezer scale indicators blinks at 1Hz
- g. Ambient temperature sensor error: third from left of freezer scale indicators blinks at 1Hz

2. Initial status requirements

When the appliance is initialized, both refrigerator and freezer are set at scale 3 automatically with super freeze mode inactivated. If freezer sensor temperature is between the points for turning on and off, the refrigerator will start operation when temperature rises to the point for turning on.

3. Ordinary temperature setup control

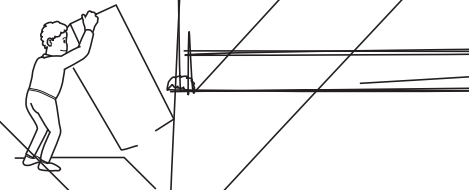
3.1 Refrigerator temperature setup

Every press of refrigerator button (effect when released) will result in 1 scale increase, and one after another of refrigerator indicators will light from left to right until scale 5 is reached (5 indicators on). If the button is pressed again, the cycle will start from scale 1 (left end indicator on).

Scale	1	2	3	4	5
Temperature	6°C	5°C	4°C	3°C	2°C

3.2 Freezer temperature setup

Every press of freezer button (effect when released) will result in 1 scale increase, and one after another of freezer indicators will light from left to right until scale 5 is reached (5 indicators on). If the button is pressed again, the cycle will start from scale 1 (left end indicator on).

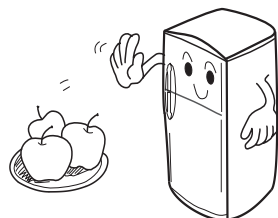


Vacation

Power interruption

Even in summer, food can be stored in the refrigerator for a few hours after a power interruption.

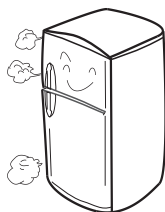
- Don't put additional food into the refrigerator during a power interruption and try to open the door as less frequently as possible.
- If prior notice of a power interruption is given, make some ice and put it in a container in the top of the refrigeration compartment.



Caution: Temperature in the refrigerator will rise as for a power interruption or technical problem, and the storage period will be reduced.

Ceased operation

- If the refrigerator is to be ceased for an extended period, unplug the refrigerator and clean the refrigerator as previously described.
- Keep the door of refrigerator open when the power is turned off to prevent any food remaining in the compartment from producing bad odors.



Caution: It is recommended that the refrigerator be not turned off unless it is necessary.



Caution: Do not restart the refrigerator until a period of at least five minutes has elapsed.

Operation

Scale	1	2	3	4	5
Temperature	-14°C	-16°C	-18°C	-20°C	-22°C

4. Super freeze control

- 4.1 Press super freeze button (effect when released) to enter super freeze mode, and compressor and freezer fan motor will keep operating continuously for 4 hours.
- 4.2 Super freeze mode can be inactivated either automatically or manually.
- 4.3 Automatic exit
When preset super freeze period expires, the super freeze mode will be inactivated automatically and previous mode will be entered (the mode prior to the super freeze mode).
- 4.4 Manual exit
Under super freeze mode, if super freeze setup button is pressed (effect when released), the super freeze mode will be inactivated and previous mode will be entered (the mode prior to the super freeze mode).
- 4.5 In the process of super freeze, when accumulative working period reaches 8 hours, defrost is activated and defrost time is to be added to super freeze period. The super freeze and automatic defrost modes are inactivated under their respective conditions of exit and do not affect each other.
- 4.6 If super freeze mode is activated while automatic defrost is in operation, the automatic defrost mode will continue until automatic defrost is inactivated and super freeze mode activated. After super freeze mode is entered, remaining time of defrost mode will be added into super freeze period.
- 4.7 Super freeze mode activated manually: verify the length of accumulative working period before super freeze mode is entered plus the period between super freeze mode is entered and manually inactivated, if the length is less than 8 hours, defrost mode is not activated.
- 4.8 After super freeze mode is entered, the freezer sensor will not control operating status of compressor and freezer fan motor, and the air outlet and refrigerator fan motor will be under the control of refrigerator sensor 1.
- 4.9 If error alarm sounds while super freeze mode is activated, priority will be given to alarm and then super freeze exit, and error protection mode will be entered.

5. Light

Indicator will be on and off when the refrigerator door is opened or closed, respectively.

Refrigerating storage compartment

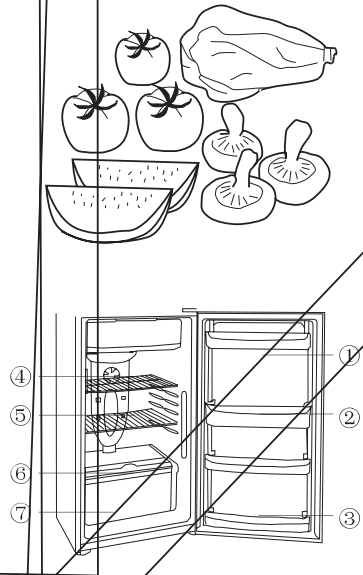
The refrigerator is for short-term food storage of daily consumption.

Although the temperature in most areas in the refrigeration compartment can be regulated between 0 C and 10 C, extended periods of food storage is not recommended. Refrigerator should only be used for short-term storage.

Storage areas

As cold air circulates inside the refrigerator, temperature differences exist inside the storage compartments. Area ⑥ is the coldest. Different foods should be placed in different areas according to their properties.

- ① Eggs and butter
- ② Beverages and bottled food
- ③ Canned food and seasonings
- ④ Pickled food or canned pickled food
- ⑤ Wheaten food, canned food, and bean curd
- ⑥ Cooked meat and sausages
- ⑦ Fruit, vegetables and salad



Caution: Ensure that the door of the chiller compartment is closed before closing refrigerator door.

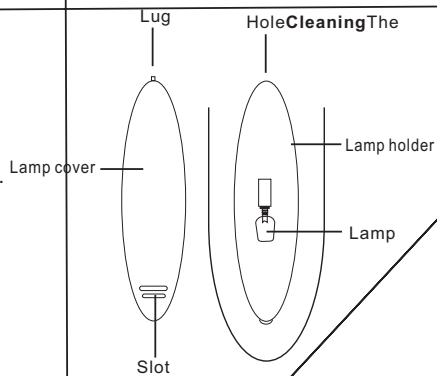
Lamp and its replacement

Lamp: 220-240V, 15W

Lamp holder: E14 (lamps exceeding 15W must not be used)

When replacing the lamp,

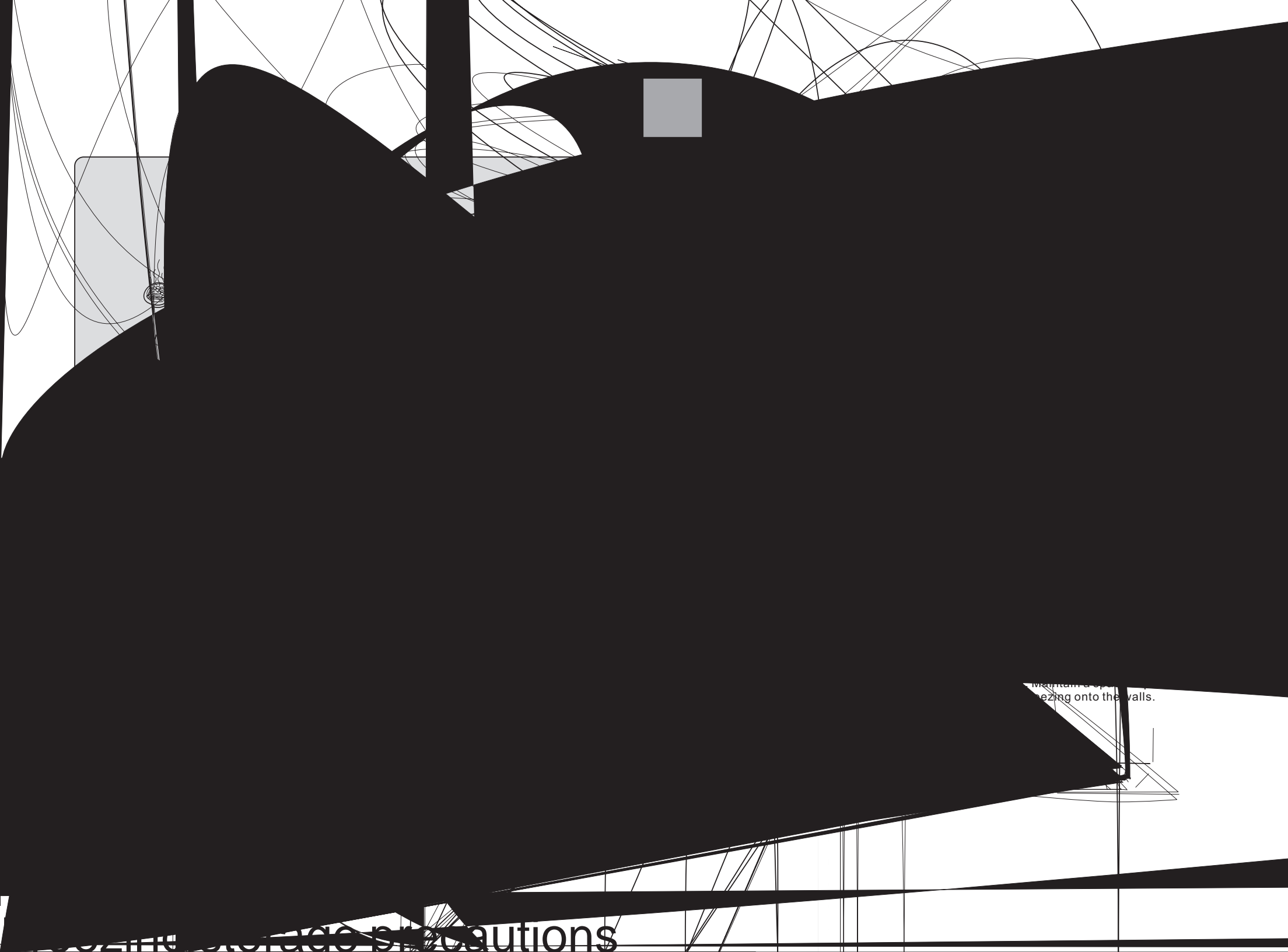
1. Unplug to disconnect the power
2. Remove the food shelf in front of the lamp.
3. Insert a flat tool into the slot, push upward to remove the lampshade.
4. Remove the lamp by turning anti-clockwise and install a new lamp by turning it clockwise.
5. Properly install the lampshade after ensuring that all lugs on the cover are placed into the holes on the lamp holder.



refrigerator

should





Maintain a space between
freezing onto the walls.

of the storage precautions

