Koolatron™

# 7.0 cu.ft./201L Upright Freezer



KTUF196

User Manual

*Please Read These Instructions Carefully Before Use!*

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**Caution -** Risk of fire or explosion due to puncture of refrigerant tubing;
Follow handling instructions carefully. Flammable refrigerant used.

**WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer, and bisphenol A (BPA) and lead which are known to the state of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

# 1. IMPORTANT SAFETY PRECAUTIONS







## 1.1 WARNING CONCERNING R600a REFRIGERANT

**DANGER - RISK OF FIRE OR EXPLOSION. FLAMMABLE REFRIGERANT USED. DO NOT PUNCTURE REFRIGERANT TUBING.**

**DANGER - RISK OF FIRE OR EXPLOSION. FLAMMABLE REFRIGERANT USED. THE UNIT IS TO BE REPAIRED ONLY BY TRAINED SERVICE PERSONNEL. DO NOT PUNCTURE REFRIGERANT TUBING.**

**CAUTION - RISK OF FIRE OR EXPLOSION. FLAMMABLE REFRIGERANT USED. CONSULT THE USER'S MANUAL / OWNER'S GUIDE BEFORE ATTEMPTING TO SERVICE THIS PRODUCT. ALL SAFETY PRECAUTIONS MUST BE FOLLOWED.**

**CAUTION - RISK OF FIRE OR EXPLOSION. DISPOSE OF PROPERTY IN ACCORDANCE WITH FEDERAL AND/OR LOCAL REGULATIONS. FLAMMABLE REFRIGERANT USED.**

**CAUTION - RISK OF FIRE OR EXPLOSION DUE TO PUNCTURED REFRIGERANT TUBING. FOLLOW HANDLING INSTRUCTIONS CAREFULLY. FLAMMABLE REFRIGERANT USED.**

**WARNING! DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE VAPORS AND LIQUIDS IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE. READ PRODUCT LABELS FOR FLAMMABILITY.**

**CAUTION - THE UNIT MUST BE POSITIONED AND INSTALLED PROPERLY FOLLOWING THE INSTRUCTIONS CONTAINED IN THIS MANUAL, UNDER THE SECTION "INSTALLATION". WHEN USING AN ELECTRICAL APPLIANCE, YOU SHOULD ALWAYS OBSERVE BASIC SAFETY PRECAUTIONS TO REDUCE THE RISK OF ELECTRIC SHOCK, FIRE OR PERSONAL INJURY.**

1. **WARNING** - Keep the ventilation openings free of obstructions. Do not cover the appliance.
2. **WARNING** - Be careful not to damage the refrigerant tubing.
3. **WARNING** - Do not use electrical appliances inside food storage compartments.
4. **WARNING – DANGER**: Risk of entrapment ! Before discarding of your old appliance:
   - Take the doors off
   - Leave the shelves in place to prevent children from easily climbing into the refrigerator.
5. Always unplug the appliance before cleaning and/or servicing.

6. Please make sure that all persons who will use with this appliance are familiar with its operation and safety precautions. It is very important to install the appliance correctly and to follow all safety instructions.

   This appliance may not be used by persons (including children) with reduced physical, sensory or mental capacities or lack of experience and knowledge unless instructed by a person responsible for their safety. Children must not play with this appliance.

7. If the power cord is damaged, it must be replaced by the manufacturer, its service center or a qualified electrician.
8. Please dispose of the appliance according to local regulations since the appliance uses flammable refrigerant and gas. Before discarding the appliance, remove the doors to prevent children from climbing inside.
9. This appliance is intended for **domestic use only**. Any other use will void the warranty.
10. Do not use this unit to store explosive materials such as aerosol containers with a flammable propellant.
11. Do not use extension cords or 2-prong adapters to connect this appliance to an electrical outlet.

## DANGER



**IT IS DANGEROUS FOR ANY PERSON OTHER THAN AUTHORIZED SERVICE PERSONNEL TO MAKE REPAIRS ON THIS APPLIANCE.**



**DO NOT ATTEMPT TO REPAIR THE APPLIANCE YOURSELF. DO NOT MODIFY THE SPECIFICATIONS OF THIS PRODUCT OR CHANGE IT IN ANY MANNER. FAULTS MAY RESULT IN A SHORT-CIRCUIT, FIRE OR ELECTRIC SHOCK.**

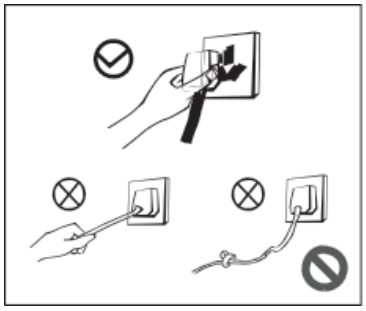
12. **DANGER** - Risk of fire or explosion. Flammable refrigerant used. To be repaired only by authorized personnel. Do not puncture refrigerant tubes.

13. **DANGER** - Risk of fire or explosion. Flammable refrigerant used. All safety measures must be followed.

14. **DANGER** - Risk of fire or explosion if refrigerant tubes are perforated. Follow the precautionary instructions. Flammable refrigerant used.

This manual contains lots of important safety information which shall be observed by the users

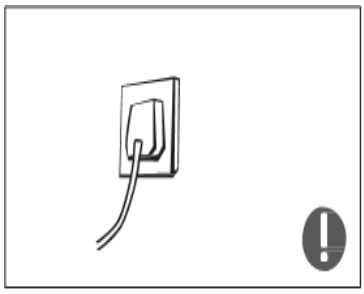
## ELECTRICITY RELATED WARNINGS



Do not pull the cord when trying to disconnect the freezer. Firmly grasp the plug and pull out it from the socket directly.

Do not modify or damage the power cord under any condition. To ensure safety use, do not use when the power cord is damaged or worn.

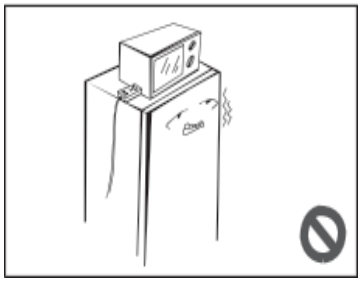
Worn or damaged power cord shall be replaced by manufacturer-authorized maintenance services or a qualified electrician.



The power plug should be firmly plugged into the socket. Please ensure that the grounding electrode of the power socket is accurately grounded.



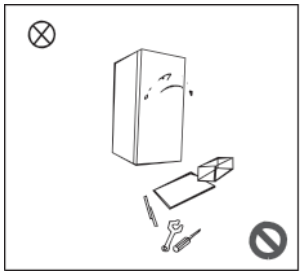

In the event of a gas leak, please turn off the gas valve and then open the doors and windows. Do not unplug the freezer or any other electrical appliances as that may create a spark and cause a fire.



To ensure safety, do not store small appliances such as rice cookers, microwave, toaster ovens etc…on the top of the freezer.

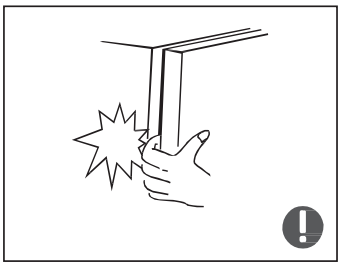
After a power failure **wait 5 minutes** before reconnecting the freezer to power supply to prevent damage to the compressor due to successive starts.

## RELATED WARNING USE



Do not try to maintenance your freezer as you may damage the refrigerant circuits; servicing of this appliance must be conducted by an authorized technician.

A damaged power cord must be replaced by the servicing department or a qualified electrician.



The gaps between the freezer door and body are small, be careful not to put your hand in these areas. Be cautious when opening the door to avoid falling articles.

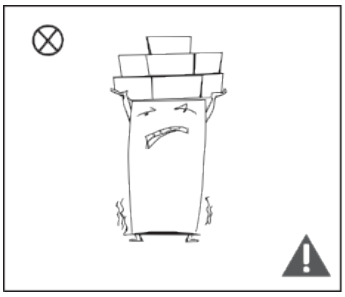
Do not pick foods or containers with wet hands when the freezer is running, especially metal containers as the may cause frostbite.



Do not allow children to enter or climb into the freezer. Children can get injured from being trapped in or under a falling unit.

Do not store the freezer in moist places.

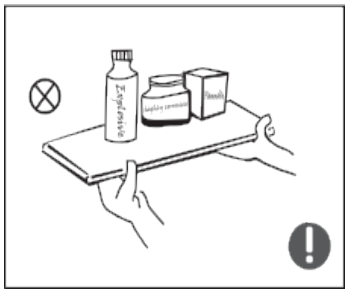
To ensure proper use locate the freezer away from direct heat sources (stoves, heater, direct sunlight). Also extreme temperature (hot or cold) will prevent the freezer from working properly.



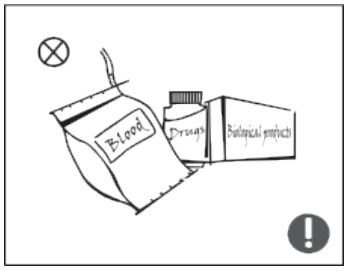
Do not place heavy objects on the top of the freezer considering that objects may fall when opening the door.

Disconnect the unit when cleaning or servicing.

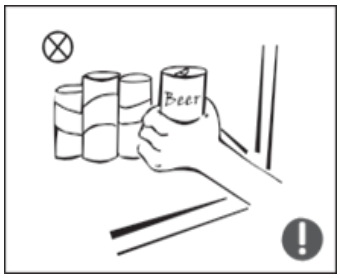
## WARNINGS RELATED TO STORAGE



Do not put flammable explosive, volatile and highly corrosive items in the freezer.




This freezer and is **only** suitable for domestic use and the storage of food. According to National Standard Codes household this freezer cannot be used for other purposes such as storage of blood, drugs or biological products.




Do not place items such as cans, bottles or sealed container of fluid such as beers and beverages in the freezer as they prevent bursts and cause damage.

## USAGE WARNINGS

1) The freezer might not operate consistently if kept for an extended period of time below the cold end of the range of temperatures for which the appliance is designed.

2) Soda drinks should not be stored in the freezer

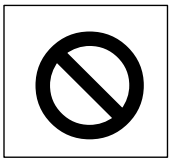
3) Do not exceed the storage time recommended by the food manufacturers for any kind of food and particularly for commercially frozen food.

4) The low temperature of the freezer can keep food fresh for a long period of time and is mainly to be used to store frozen foods and making ice.

5) The freezer is suitable for storage of meat, poultry and fish and other foods not to be consumed in short term.

6) Chunks of meat are preferably to be divided into small portions for easy access. Note that food should be consumed within the recommended shelf time.

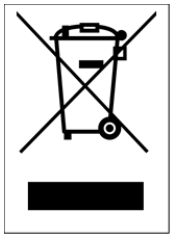
## WARNINGS RELATED TO DISPOSAL



The freezer's refrigerant and cyclopentane foam materials are combustible and a discarded freezer should be isolated from fire sources. Please remit your unit to a qualified professional recycling company.



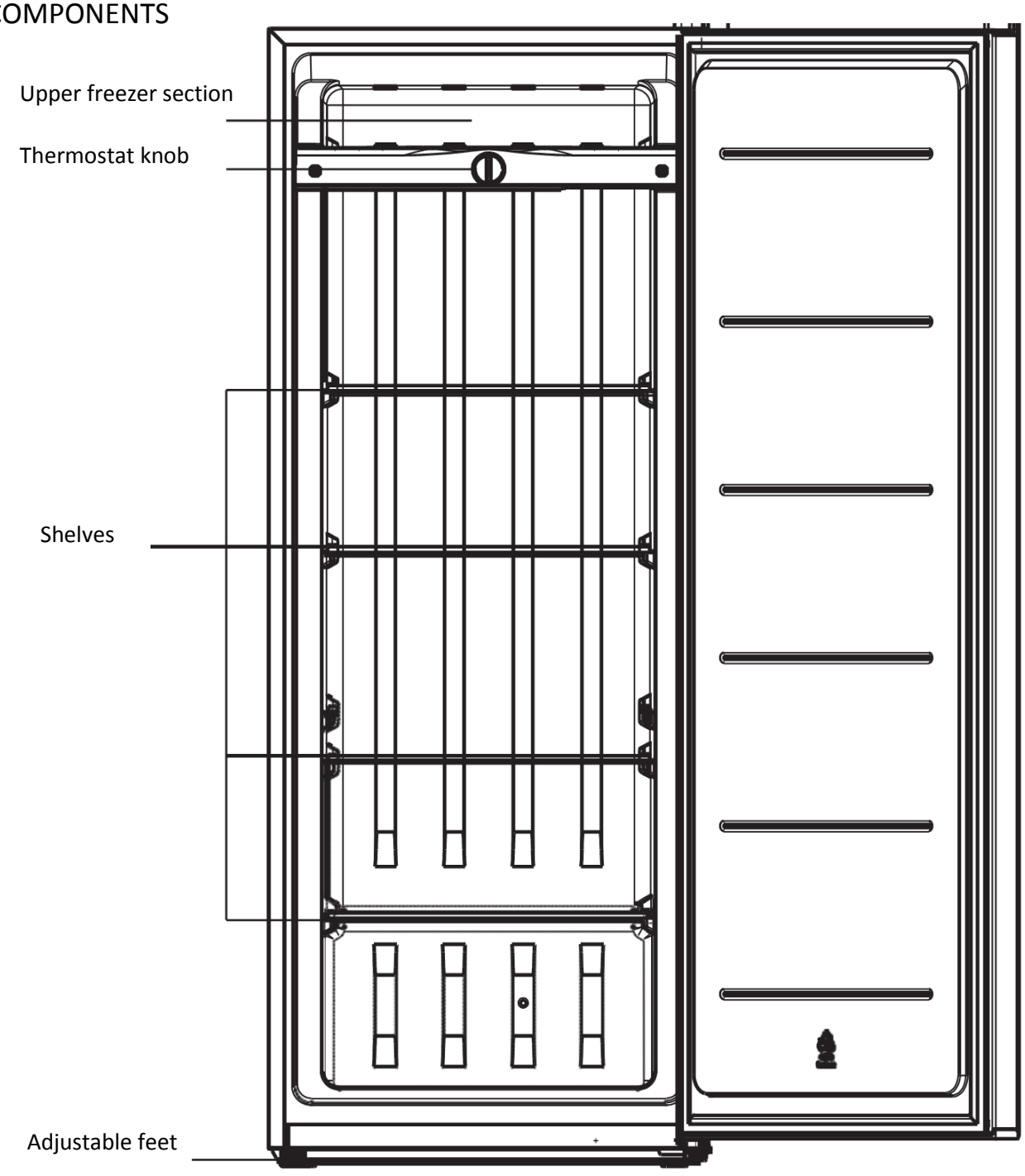
Risk of entrapment. Please remove the door of the freezer and leave the shelves in to avoid accidents.



This marking indicates that this product should not be disposed with regular household waste. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly and promote the sustainable reuse of material resources. To return your used device, please call local authorities or contact the retailer where the product was purchased. They will ensure this product is safely recycled.

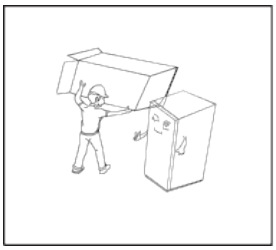
## 2. DIRECTIONS FOR USE

COMPONENTS

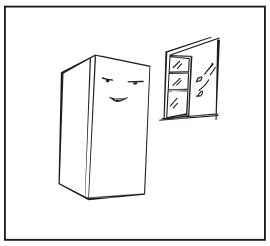



(The picture above is only for reference. The configuration of your unit may depend on the model chosen.

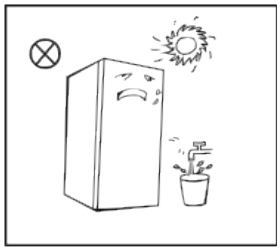
## INSTALLATION AND PLACEMENT



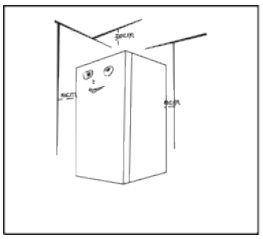
Before using your freezer, remove all packaging materials including foam pads and tapes inside the unit, remove the protective film on the door and the appliances' body.



The freezer should be placed in well ventilated indoor area, the ground should be flat and sturdy enough to support the unit once filled.

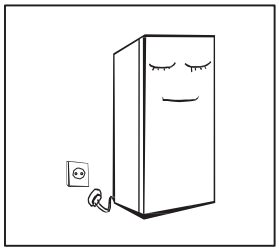


When choosing the location keep away from heat sources and avoid direct sunlight. Do not store the freezer in moist areas as this cause the unit to rust or generate malfunction.



Allow sufficient clearance to insure proper air circulation: 30 cm (12'') at the top and 10 cm (4'') on each sides and back of the unit.

## START USING



Before connecting to the power source, let the **appliance stand for 2-3 hours.**

The freezer should run **4 hours before loading fresh or frozen foods**.

## TEMPERATURE CONTROL

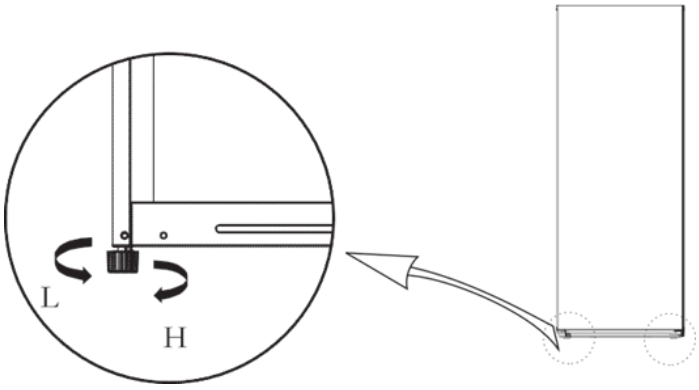



- The interior temperature of the freezer can be adjusted using the thermostat knob. Rotate clockwise to lower the temperature.
- " MIN" is the warmest setting, while " MAX " is the coldest.

## ENERGY SAVING TIPS

- The appliance should be located in the coolest area of the room, away from heat producing appliances or heating ducts, and out of the direct sunlight.
- Let hot food cool down to room temperature before storing them in the appliance. Overloading the appliance forces the compressor to run longer. Foods that freeze too slowly may lose quality, or spoil.
- Be sure to wrap foods properly, and wipe containers dry before placing them in the appliance. This cuts down on frost build-up.
- Storage areas should not be lined with aluminum foil, wax paper, or paper towels. Liners may interfere with cold air circulation, making the appliance less efficient.
- Organize and label food to reduce door openings and extended searches. Remove as many items as needed at one time, and close the door as soon as possible.

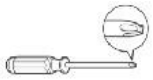
## LEVELING FEET



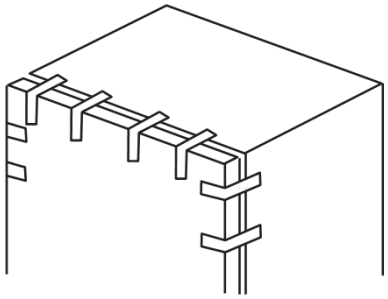

To adjust:

A. Turn the feet clockwise to raise the freezer;
B. Turn the feet counterclockwise to lower the freezer;
C. Adjust based on the previous procedures until the unit is leveled.

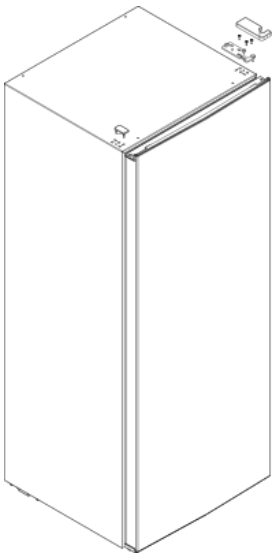
## DOOR REVERSAL

| TOOLS REQUIRED | |
|---|---|
|  | Phillips screwdriver |
|  | Flat blade screwdriver |
|  | Strong adhesive tape |

1) Remove all food from unit. Fix the door with tape (see below pictures)

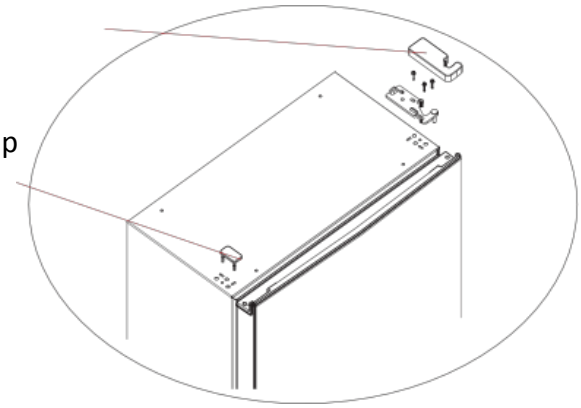


2) Dismantle hinge cap, the upper right hinge cover, the fitting screws and remove the upper right hinge. Please keep the door in a vertical position during the process to prevent it from damaging.

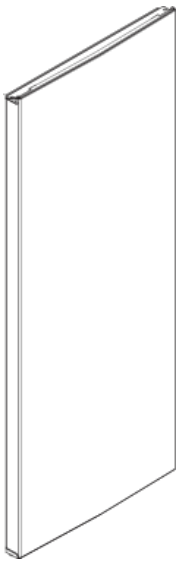


The upper hinge cover

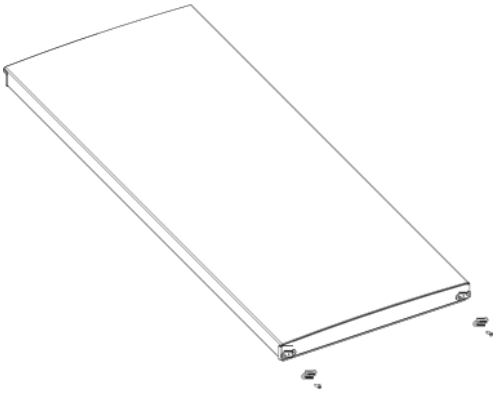
Hinge hole cap

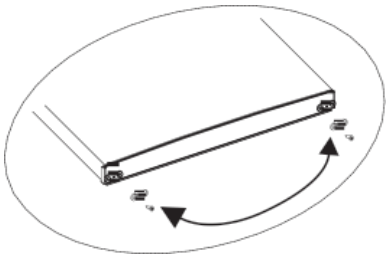


3) Remove the door

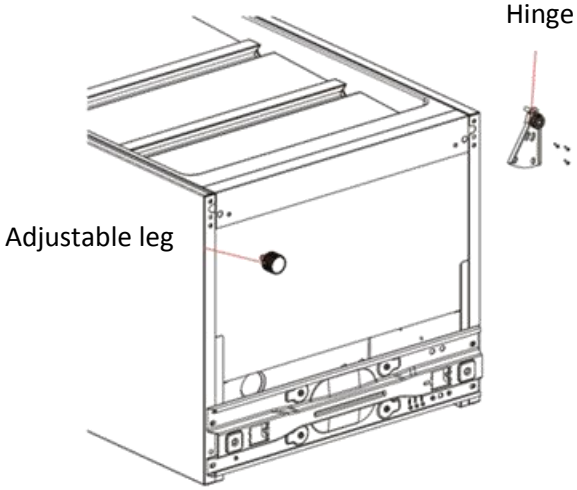


4) Dismantle the door stopper, and install it on other side





5) Dismantle the lower hinge and adjustable leg;

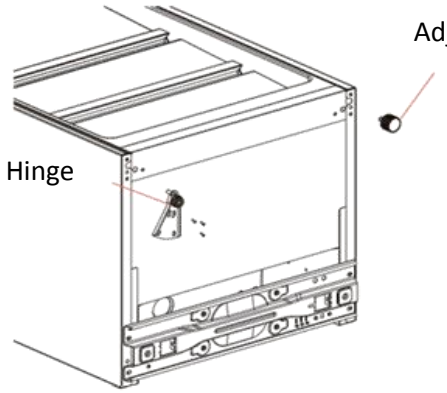



**At least 2 persons are recommended to execute this procedure.

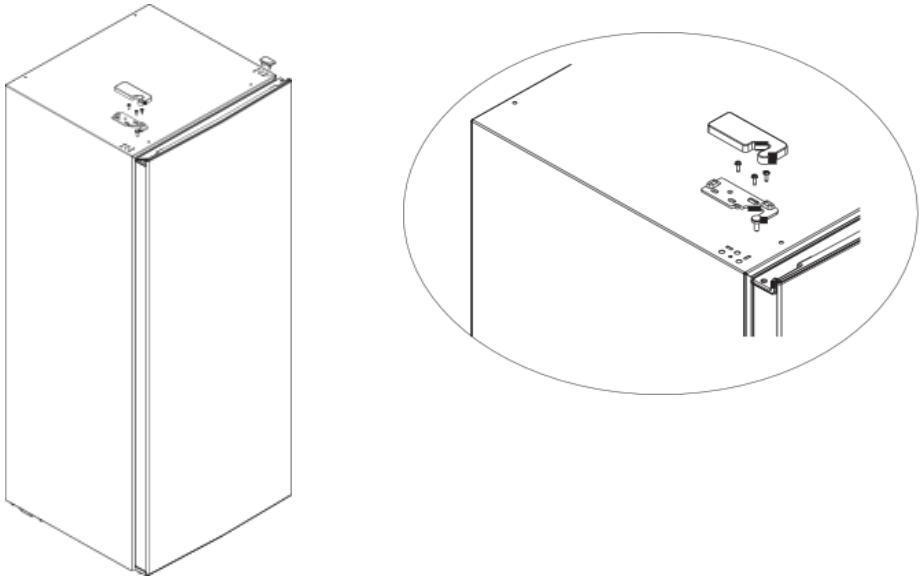
** Keep the appliance ***partially inclined*** [1] during this procedure to avoid damage to the refrigeration system.

[1]: transport inclination should ***NOT be more than 45$^0$.***

6) Install the lower hinge on lower left side of cabinet and adjustable leg on the right




7) Mount the door on lower hinge, vertically, and make sure the door gasket is tight, take out the spare upper left hinge and hinge cover (included in the accessory bag), then install the upper left hinge using the fitting screws. Finally install the hinge cover, and the hinge hole cap on upper right side.



(The picture above is only for reference. The actual configuration will depend on product chosen)

# 3.MAINTENANCE OF THE FREEZER

## CLEANING

- Dusts behind the freezer and on the ground should be regularly cleaned to improve the cooling effect and help with energy saving.
- The interior of the unit should be cleaned regularly to avoid odor. Soft towels or sponge dipped in water and non-corrosive neutral detergents are recommended for cleaning. Open the door for natural air drying before putting the power on.
- Do not use hard brushes, clean steel balls, abrasives, and organic solvents (such as alcohol, acetone solutions, banana oil, etc.), boiling water, acid or alkaline products to clean your freezer as this may damage the interior and exterior surfaces
- Do not rinse with thoroughly with water (flush) so as not to affect the electrical insulation properties. Use a dry cloth when cleaning temperature control.

## DEFROST
## LOW FROST FREEZER

- Low frost means that there will be greatly reduced frost in the freezer but it won't stop all the ice build-up in the freezer. You will still need to manually defrost the freezer from time to time, however, with the removable glass shelves keeping your KTUF196 freezer ice-free is simple.
- Disconnect the plug from the wall socket, open the door and remove all the food and store in a cool place.
- To remove the frost, use a plastic scraper or let the warm temperature rise naturally until the ice has melted. Then wipe away the remaining ice and water. Do not use any mechanical devices to accelerate the defrost process. Be careful not to damage the refrigerant circuit.

## SERVICE INTERUPTION AND MOVING

- In case of power failure foods can be preserved for a few hours even in summer time. We recommend to reduce the frequency of door openings and not to add fresh foods.
- Unplug the freezer when left unused for a long period of time or for cleaning. Keep the door open to avoid developing odors or mold.
- Do not turn the unit upside down or shake it. **The carrying inclination cannot be greater than 45°.**
- When moving the unit do not hold it by the door or hinge.
- We recommend continuous operation once the freezer is installed. Please do not stop the freezer unnecessarily so as not to affect the unit’s service life.

# 4. TROUBLESHOOTING

The following issues can be handled by the user. Please call the after-sale service department if the issues are not resolved.

| | |
|---|---|
| Unit not operating | .<br>• Not plugged in.<br>• The circuit breaker tripped or has a blown fuse.<br>• The freezer temperature control is set at "OFF". |
| Odors | • Odorous foods should be thoroughly wrapped<br>• Foods are rotten<br>• Unit should be cleaned. |
| Long-term operation of compressor | • The room temperature is hotter than normal.<br>• A large amount of food has been added to the freezer.<br>• The door is opened too often.<br>• The door is not entirely closed.<br>• The temperature control is not set correctly.<br>• The door gasket does not seal properly.<br>• The freezer does not have the correct clearances.<br>• The freezer has recently been disconnected for a period of time. **Four hours are required for the freezer to cool down completely.** |
| The freezer door does not properly close | • The freezer is not leveled.<br>• The gasket is dirty. |
| Loud noise | • The freezer is not leveled correctly<br>• Check if accessories are correctly positioned and do not vibrate. |
| Door opening | • After refrigeration, there will be pressure difference between the inside and outside of the freezer and door may not open easily. This is a normal physical phenomenon. |
| Freezer enclosure heat/ Condensation | • The freezer enclosure may emit heat during operation specially in summer, this is caused by the radiation of the condenser, and it is a normal phenomenon.<br>• **Condensation:** condensation can be detected on the exterior surface and door seals of the freezer when the ambient humidity is high, this is a normal phenomenon, and the condensation can be wiped away with a dry towel. |
| Airflow sound, Buzz and Clatter | • Refrigerants circulating in the tubes will produce sounds and grunts. This is normal and does not affect the cooling effect.<br>• The running compressor will buzz especially when starting up or shutting down.<br>• The solenoid valve or electric switch valve can clatter which is a normal phenomenon and does not affect the operation. |

## WARRANTY

Koolatron Corporation warrants that this product will be free from defects in materials or workmanship under normal household use for a period of 1 year from the date of retail purchase. During this time, defective products will be repaired or replaced at the discretion of the retailer and/or Koolatron Corporation.

This warranty covers normal household usage and does not cover damage which occurs in shipment or results from accident, misuse or abuse, unauthorized repair or alteration, improper maintenance, commercial use, or use with a voltage converter or aftermarket accessories. A Koolatron Master Service Centre must perform all warranty work.

WARRANTY AND SERVICE PROCEDURE

Keep your original, dated, sales receipt with this manual. If this product proves to be defective within the warranty period, please contact Koolatron Corporation at 1-800-265-8456 (North America) or email service@koolatron.com for assistance.

Koolatron™

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All specification are subject to change without notice.

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