

SHARP

SHARP 
CHEST TYPE FREEZER
OPERATION MANUAL

Models 
FRV-300



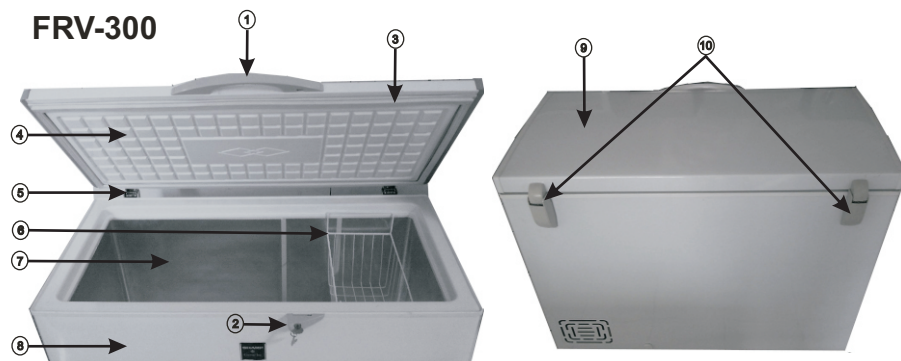
BLD

THANK YOU VERY MUCH FOR BUYING THIS PRODUCT
Before using your freezer please read this operation manual to ensure that you gain
the maximum benefit from it

DIRECT COOLING SYSTEM

PARTS NAME

- | | | |
|----------------|-------------------------|-----------------|
| 1. Door Handle | 5. Hinge | 9. Door |
| 2. Key | 6. Wire Basket | 10. Hinge Cover |
| 3. Door Gasket | 7. Storage (Evaporator) | |
| 4. Door Liner | 8. Cabinet | |



| Model | FRV-300* |
|------------------------|---------------------------------|
| Dimension (W x L x D) | 1105 x 539 x 873 mm |
| Volume | 250 Liter |
| Door wall & Insulation | Poly-Urethane with Cyclopentane |
| Net Weight | 37 Kg |
| Voltage / frequency | 220 V / 50 Hz |
| Input Power | 135 W |
| Cooling System | Direct Cooling |
| Temperature Control | Manual Adjustment |
| Defrost Type | Manual (Switch Off) |

WARNING !

- This freezer is airtight. TO PREVENTS FATAL ACCIDENT TO CHILDREN, Please remove the door prior to discarding the freezer.
- Highly volatile and inflammable materials such as ether, petrol, propane gas, adhesive agent and pure alcohol, etc. Are liable to explode. Do not store these materials in the freezer.
- To prevent damage to outer cabinet, avoid contact with laquer and paint, etc.
- When cleaning your freezer, do not splash water directly to the freezer body. This may cause electrical short.
- Should electrical components be accidentally immersed in water, unplug the freezer, dry the parts and contact the nearest service agent approved by SHARP.
- When disconnecting the power plug, do not touch the pins of plug. This may cause electrical shock.
- This freezer is designed solely for the purpose of storing foodstuff for domestic use in accordance with the instructions given in this manual. Using the freezer for other purposes might be harmful to persons or property.
- This freezer is not suitable for the storage of materials requiring precise temperatures. Deterioration of this material will be dangerous.
- Dust deposited on the power plug may cause fire. Wipe it off carefully.
- Do not attempt to change or modify this freezer. This may result in fire, electrical shock injury.
- Information regarding disposal of the appliance.
Flammable insulation blowing gases should be disposed appropriately. Take the cabinet and doors to a recycling plant for flammable insulation blowing gases.

| Breakdown | Case | Removal method |
|---|--|--|
| The indicator lamp is not on. The compressor doesn't start | The plug isn't connected to the socket perfectly | Re-plug it |
| | The socket isn't with power. | Connect the socket with power |
| The indicator lamp is on, but the compressor doesn't work and buzzes only | The voltage is < 187V | Stop immediately until the voltage return to normal. Add a voltage stabilizer with capacity five times above the input power where the voltage exceeds the normal range of 187 - 242 V |
| | The voltage is > 242 V | |
| The compressor work normally, but the temperature in the cabinet lowers too slowly. | The door is opened too frequently | Reduce open time |
| | The food in the cabinet is too much and place improperly | Place foods properly, keep place between them for ventilation of cold air |
| | The frost film is too thick | Take out the food and defrost |
| | The food is put in hot condition | It should be wait until the foods not so hot |
| | The door seals badly | Adjust the door seal |
| The noise is too loud | The freezer is placed unstable | Place it stable |
| | The fixing of the freezer is loose | Tighten the fixing |
| | There's contact between pipe | Separate them |

WHAT TO DO BEFORE YOU CALL FOR SERVICE

Before you call for service, check the following point

IT IS NORMAL for the freezer to produce the following sounds

- * Loud noise produced by the compressor when operation starts - Sound become quieter after a while.
- * Sound of flowing fluid (gurgling sound, fizzing sound) - Sound of refrigerant flowing in pipes (sound may become louder from time to time).
- * Cracking or crunching sound - Sound produced by expansion and contraction of inner walls and internal parts during cooling.
- * Squeaking sound - Sound produced by expansion and contraction of internal parts.
- * Surface temperature of the compressor may be up to 70 - 80°C when it is working.
- * The front and backside of cabinet produce heat.
- * In rainy and mist season, the outer cabinet may have dew, which make no defect on normal use. Just dry it with a piece of cloth.

IF YOU STILL REQUIRE SERVICE

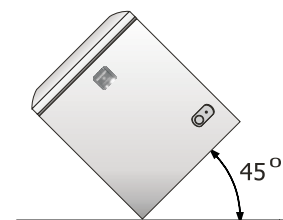
please refer to you nearest service agent



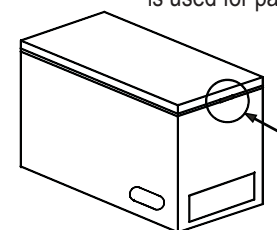
CAUTION

1. Do not touch the compressor or its peripheral parts, as they become extremely hot during operation and metal edges may cause injury.
2. If power supply is accidentally disconnected, please wait for at least 5 minutes before reconnecting, as back pressure in compressor may trip the overload relay.
3. Avoid removing food from freezer or touching the evaporator with your bare hands. It can result frost-bite.
4. To prevent accidentally power disconnection, plug the freezer directly to the source. Do not use double adaptor as loss of power could lead to the spoiling of the store food.
5. Do not place bottles or can beverages in the freezer as they may crack when frozen.
6. Keep the door securely closed. If door is left ajar, the controlled inner temperature will rise, resulting in food spoilage and increase electricity cost.
7. Do not install the freezer in a damp or wet location as this may cause damage to the insulation and a leak. Condensation may also build on the outer cabinet and cause rust.
8. When installing or moving the freezer, make sure that you do not nip or kink the power cord. Damage of power cord may cause electric shock or fire.
9. Do not use freezer when the power cord or plug is damage, or the outlet attachment is loose, as they may cause electric shock or fire.
10. Disconnect from the mains electricity supply. Do not remove by pulling the mains lead. This may cause electric shock or fire.
11. Do not allow sharp object to come into contact with refrigeration system, inner wall and freezer compartment. This may cause damage to your freezer.
12. Should the flexible supply cord damage, it must be replaced by service agent approved by SHARP and a special cord is required.
13. In case of gas leak, ventilate the area by opening a window, etc. Do not touch the freezer or the power outlet.
14. Do not place heavy or easily broken objects and objects containing liquid on top of the freezer. Objects may fall when opening or closing the freezer, causing injury and the spillage may cause electric shock.
15. This freezer is not intended for use by young children or infirm persons without supervision. Young children should be supervised to ensure that they do not play with the freezer.

HANDLING INSTRUCTION

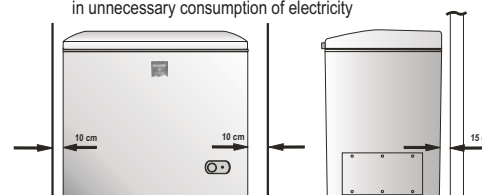


1. Never handling the unit with inclination more than 45 degree to avoid compressor or system damage. can be easily moved by wheel provided.
2. Remove door gap holder before using the freezer. it is used for packing only.



INSTALLATION

1. To ensure adequate ventilation for your Freezer, it is recommended to provide space of 10 cm on both sides and at the back space 15 cm. Insufficient spacing will decrease the cooling efficiency, resulting in unnecessary consumption of electricity



2. Ensure that the freezer is positioned firmly and level on the floor

NOTE:

- Position your freezer so that the plug is accessible.
- Keep your freezer out of direct sunlight
- Do not place next to heat generating appliance.
- Do not place directly on the ground. provide suitable stand

USING THE FREEZER

1. This unit can be run on voltage range 187 - 242 V; 50-60 Hz, but it is recommended to use a voltage stabilizer with capacity not less than 500 W in the area which have more fluctuated voltage.
2. Connect the power and then switch the temperature control knob to median position and green light is on. If there is ice film in the cabinet after running for an hour, it shows that the freezing performance of the freezer is good.
3. Avoid turning on and off power frequently. If the power is turned off, wait an interval 5 minutes before turning on again.
4. When first time using the freezer it is recommended that you run it empty for about half an hour before storing food in it.
5. The surface of inner side should be dry and clean, long term moisture will cause rust.

OPERATION

| KNOB SETTING | DESTINATION |
|--------------|--|
| LOW | Start operation of the compressor Low temperature |
| REFRIGERATE | When storing small quantity of food and the door not open frequently Use in cold season, and when the outdoor temperature is comparatively low |
| FREEZE | For normal operation |
| DEEP | When storing large quantity of food and the door opened frequently Use in hot season When cooling the food quickly or making ice quickly When not required, be sure to return the knob to original position, otherwise all foods may be frozen. |



CONTROLLING TEMPERATURES

The freezer control its temperature automatically. However, if needed, adjust temperature as follow

DEFROSTING

1. The freezer compartment is required defrosting operation. When frost formed with the thickness of 5 mm, the freezer compartment required defrosting operation.
2. Never use sharp metal tools to clean the frost film to avoid evaporator damage.

PROCEDURE

1. Take out the foods stored in the freezer compartment.
2. Turn off the freezer by unplugging the power cord from the source. It is recommended to proceed the defrosting after completely unloading the foods or ice. And recommended to defrosting over night. it takes about 3 or 4 hours. After defrosting, turn on again by connect the power to start operation manually.

The knob can not be turned beyond maximum and should not be forced beyond this mark

STORING FOOD

Refrigeration reduces the rate of food spoilage. to maximize the shelf life of perishable food product, Ensure that the food face of the freshest possible quality the following is a general guide to help promote longer food storage.

Meats/Fish/poultry

- Place on a plate or dish and cover with paper or plastic wrap.
- For larger cuts of meat, fish, or poultry, place to the rear of the shelves.
- Ensure all food is wrapped securely or placed in an airtight container.

Note :

- Evenly place the food on the racks to allow the cooling efficiently.

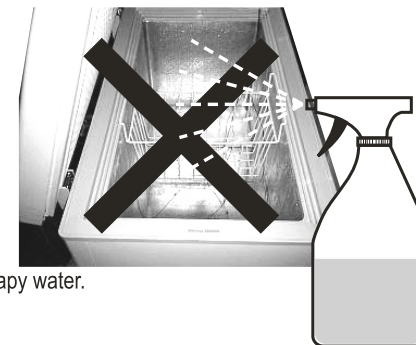
FOR BEST FROZEN FOODS

- Quality of foods should be fresh.
- Food should be properly stored or covered and the air should be removed to tightly.
- Label bags or containers to keep and inventory of frozen food.
- Please Put the food by giving space between one to another and evaporator side in order cold air can effectively flow.



CARE & CLEANING

Some household cleaning chemicals may affect the inside surfaces and plastic resulting in splitting or cracks occurring. when cleaning all plastic parts inside this freezer, only use diluted dishwashing liquid (soapy water). Make sure that all plastic parts are thoroughly rinsed with water after cleaning.



1. Remove the tray from unit. Wash them in warm soapy dishwashing water; rinse in clean water and dry.
2. Clean the inside with a cloth soaked in warm soapy dishwashing water. Then, use cold water to wipe off soapy water.
3. Wipe the exterior with a soft cloth each time it is soiled.
4. Clean the door seal with a toothbrush and warm soapy dishwashing water.

NOTE:

- Do not use polishing powder, benzene, hot water etc.
 - If undiluted detergent is used or soapy water is not wiped off thoroughly, cracking of plastic parts can result.
 - Wipe any food oils adhered to plastic components as they can cause cracking of the plastic surface.
- ~Keep the power supply and temperature control panel away from water to avoid electricity short.**

Switching off your freezer

If you switch your freezer off when you are going away for an extended period, remove all food/ ice, clean the interior thoroughly. Remove the power cord plug from the power socket and leave all doors open.

