

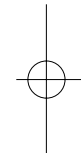
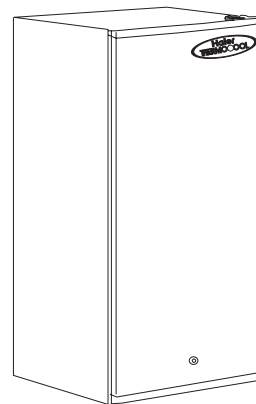
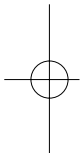
HF-130

HF-190

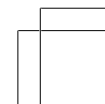
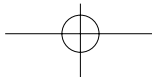
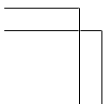
HF-250

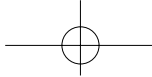
Freezer

Owner's Manual



IMPORTANT: Congratulations for choosing a high quality freezer by **Haier Thermocool**. Please read this owner's manual carefully before using your new freezer. Now you will cool ,with **Haier Thermocool**.





English

Content

1. Environmental Protection and Proper Disposal.....	2
2. Location.....	2
3. Installation.....	2-3
4. Rating Rate.....	3
5. Electric Connection.....	3
6. Operation Instructions.....	3-4
7. Freezer Compartment.....	4
8. Ice & Ice Cream Making.....	5
9. Preparing for Vacation.....	5
10. Cleaning & Maintenance.....	5
11. Defrosting.....	5-6
12. Problem Diagnosis.....	6
13. Troubleshooting.....	6-7
14. During a Power Interruption.....	7
15. Making A Service Call.....	7
16. Installation In Kitchen.....	7
17. Warranty.....	7
18. Illustration of Parts.....	7

Page

Please read these instructions carefully before use. Underline the important instruction. Keep the user's Manual in a safe place for later reference. Remember to hand it over to the owner if you ever sell the appliance.

What you have bought is a safe freezer. With appropriate use and maintenance, it will be in service for years. The last page of this user's manual sets out specifications of this appliance and the performance data indicated in the rating plate are test results obtained at an ambient temperature range of 18-43 °C.

Important!

It is intended strictly for household use. If using it for industrial or commercial purpose, be sure to observe the relevant norms and regulations.

A leakage test has been conducted in accordance with relevant safety standard.

To avoid the risk of child entrapment. Please make sure your old freezer is inoperative and safe by removing the latches and bolt locks before disposal.

User's Manual

important!

It must be noticed that freezer system contains freezer which require specialized waste disposal. Contact your local waste disposal center for proper disposal of an old appliance and contact your local authority or your dealer if you have any question. Please ensure that the pipe work of your freezer does not get damaged prior to being picked up by the relevant waste disposal center, and contribute to environmental awareness by insisting on an appropriate anti-pollution method of disposal. Please see the rating plate for the type of freezer and insulation used.

The plug should be accessible after the appliance is positioned.

If the power cord is damaged, it must be replaced with a new power cord from the manufacturer or an authorized service agent.

Caution:

The appliance should be installed in a well ventilated place. The shipment package should be removed.

Caution:

Don't use a sharp or pointed item to defrost.

Caution:

Don't use electrical appliance inside the food storage compartments of the appliance, other than models recommended by the manufacturer.

Caution:

This user's Manual is applicable to a variety of models and there may be slight change in certain aspects from models to models.

English

1.Environmental Protection and Proper Disposal.

Package materials

The appliance is packaged in a way to prevent damages during transportation. Recyclable materials are used.

The packing box is made of corrugated board/cardboard (mainly from recyclable paper).

Polystyrene parts(CFC-free foamed polystyrene)
Linings and polystyrene bags
Polystyrene straps

All these valuable materials may be taken to a waste collecting center and used again after adequate recycling. All waste materials should be disposed properly.

2.Location

Make sure the freezer is kept upright during handling. If an inclination is required, it should exceed 45 degrees. Otherwise the appliance may get damaged resulting not only in compromised refrigeration performance.

To avoid product damage or personal injury, the freezer should be unpacked by two persons after it is located in a previously selected position.

Before installation, make sure the freezer has no visible exterior damage.

When handling the freezer, do not lift it by holding the worktop, to prevent any damage to the freezer.

Do not start up a freezer that is damaged.

Check the freezer carefully for:

Damaged package due to inappropriate handling during transportation
Damage in the exterior
Damage in power cord/plug

Any doubt, please contact Customer Service for a thorough checkup of the appliance.

Take necessary measure to prevent leakage of refrigerant at the start up of freezer that may result in environmental pollution.

User's Manual

3.Installation

- Remove all package materials.
- Remove items in the freezer.
- Make sure to remove film and tape on the cabinet and the door.
- Remove polystyrene chips(if any) around the freezer.
- Take out accessories and literature in the freezer.
- Clean the inside of the freezer with lukewarm water and vinegar and then dry it with a soft cloth.
- Use the spacers supplied to adjust the leveling leg to ensure the freezer is stable.

Do not use detergents, sharp or pointed instruction or soda-based cleansers to clean the freezer.

Before installation, make sure the refrigeration system is free of any damage.

The freezer should be used for its intended purpose only. The freezer should be poisoned on the solid and even floor to ensure refrigerant circulation and refrigerating performance. If possible, position the freezer in a cool and dry well ventilated room.

Do not expose the freezer to direct sunshine and make sure the ambient temperature is not extremely high.

Keep the freezer from a heat source, such as heating system, oven or cookers. Otherwise the compressor will operate more frequently resulting in extra power consumption.

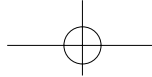
If the freezer will be placed near a heat source, it is recommended to install a thermal barrier between the freezer and the heat resource (asbestos is prohibited) or maintain adequate space between the freezer and the heat source as follows:

Cooker or electric stove	3 cm
Radiator or oven	30 cm
Another freezer	2 cm

Do not place any radiating apparatus, such as microwave oven or roaster, on top of the freezer.

Make sure the air vent is not obstructed.

Never unplug the freezer by pulling on the power cord. Always grip the plug firmly and pull it straight out from the outlet.



English

Warning!

After the freezer is positioned, allow it to stand still for at least 2 hour before start it up to ensure stable refrigerant circulation and faultless operation.
Before starting up the freezer, make sure the inner compartment is dry (especially corners).

Danger!

Depending on the chemical composition, the refrigerant may be flammable. The leak-proofness of refrigerant circulation system is test proven. Unauthorized intervention of the refrigerant circulation system may cause fire.
Make sure the refrigerant circulation system and the peripheral parts of compressor are a bit affected.

Any intervention of the refrigerating system should be conducted only by professional personnel.

Warning!

Refrigerant getting into eyes can cause serious injury. In this case, rinse the eyes under running water and consult an ophthalmologist with out delay.

The freezer should be used within an appropriate range of room temperature by its climate type.

The range of room temperature for a specific climate type should be observed. See the rating plate for the climate type of your appliance.

Climate type	Room temperature
SN	+10°C - +32°C
N	+16°C - +32°C
ST	+18°C - +38°C
T	+18°C - +43°C

4. Rating Plate

A rating plate is found on the side panel or back panel of the freezer, indicating important technical data.

User's Manual

Write down these technical data.

Write down the technical data for later reference to avoid the need for moving the freezer when such data are needed.

Model/Type
Storage.....Liter
Working voltage.....Volt
Current.....Amp
Energy consumption.....kWh/24hr
Freezing capacity.....kg/24hr

5. Electric Connection

The freezer should use a properly grounded outlet which should be always be plugged into its own individual electrical outlet which has a voltage rating and a fuse rating in conformity with the rating plate.

In case of nonconformity consult the local service center or the dealer immediately.

The freezer should not be connected with a converter (such as solar cell)

Do not use an extension cord.

6. Operation instructions

a) Power on the freezer (or power off), and select temperature settings

Temperature regulator (thermostat).
Temperature regulator is used to power on/off the freezer, and select temperature settings.

b) Startup

Turn the temperature regulator clockwise to startup the freezer. (Turn to restricted position at most, or you may break the temperature regulator)
Compressor starts operation, till interior temperature satisfies the settings.

c) Setting temperature

In order to adjust the setting of temperature regulator of freezer compartment use the key supplied by the manufacturer and turn the temperature regulator clockwise or anticlockwise to a desired settings.

English

To select a lower temperature. Turn clockwise.
To select a higher temperature. Turn anticlockwise.
Turn temperature regulator counterclockwise to the lowest setting=lightest cooling.

(Turn the regulator counterclockwise to the most will power off the freezer, compressor will stop).

Turn temperature regulator counterclockwise to the highest setting=coldest setting.

Temperature setting should conform to the following conditions:

Ambient temperature.
Quantity of food stored.
Door openings.

Through observation, you will soon learn how to select an appropriate temperature setting.

Appropriate temperature setting is very important for food storing. Microbes can get food spoiled very quickly, unless there growth is sprouted by low temperature environment. It is recommended to set the temperature to 5 or lower which may effectively eliminate food spoiling process by microbes.

d) Stopping

Turn temperature regulator counterclockwise to the most. The compressor should stop by then.
Unplug from wall outlet.

7. Freezer compartment

3-star or 4-star freezer are suitable for storing deep frozen food (already frozen before added to the freezer), storing fresh food for a short period (2-3 weeks) by freezing it, or making ice, ice cream and water ice.

Recommended expiration date of food must be observed.

Freezer can be used to produce ice cubes.

- Temperature within the freezer can be adjusted by setting temperature regular. For fresh food and food which needs to be stored for a long period, -18 or below is recommended, as microbes can barely survive under this temperature. Once temperature is higher than -10, microbes will start to cause spoiling of food, and storage period of food will be effectively reduced. If you need to freeze food which is already partly or totally thawed, please cook it before adding it to the freezer again. The high temperature of cooking process can eliminate most microbes.

User's Manual

- The higher the temperature regulator is set, the lower the temperature within the freezer will be
- Normally, when food requires only short period of storage, select a medium setting.
- Normally, when food requires a long period of storage, select a high setting.

NOTE!

Never add caned or bottled carbon dioxide drinks to the freezer, as carbon dioxide may expand when under freezing, and lead to explosion hazard.

Bottled food which needs immediate cooling should be stored in the freezer for no more than one hour before they are taken out, otherwise bottles may burst.

Ice cream or water ice should be allowed several minutes before using, as lips and tongue may get frostbite(chap may occur in skin). Meanwhile, avoid touching inner walls of freezer with wet hands.

IMPORTANT!

Food to be added to freezer must be well wrapped.

Observe expiration date of frozen food.

Only fresh food in high quality is suitable for freezing storage.

Food stored in freezer should be properly sized.

Weight of a single package of frozen food should not exceed 2 kg.

Please use reusable plastic film, aluminum film for sealing of food package.

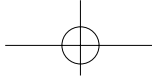
Film welding device can be used to seal the plastic packages.

Place the wide side of food package downward to obtain a faster freezing process.

Wipe the packages dry before adding to the freezer, as they stick together when frozen.

If you need to freeze food which is already partly or totally thawed, please cook it before adding it to the freezer again.

Don't use food which is already expired, as they may cause poisoning.



English

8. Making ice cubes, ice cream and water ice (not available in some models, only for freezer with 4 star marking).

Making ice cubes:

Add water to ice tray to 3/4 of its volume, place it at the bottom area of the freezer. When ice cubes are ready, flush the ice tray with running water, then, you can easily take out the ice cubes.

Making ice cream:

Remove separators of the ice tray. Please note the creamier your ice cream is, the longer it will take to make it. When ice cream is ready, flush the ice tray with running water, then, you can easily take out the ice cream.

9. Preparing for Vacation

For long vacation or absence, unplug the freezer and clean the freezer as described in "Cleaning and Maintenance". Leave the doors open to prevent formation of mildew or odor.

10. Cleaning and Maintenance

Unplug or disconnect the appliance before cleaning.

Keep the outside clean. Use furniture polisher or finishing conditioner to clean the outside regularly (do not use these cleaners to clean the inside). Wipe the door gasket with a cloth lightly damaged with lukewarm water. No detergent is allowed. Never use oil or grease to clean the door gasket.

Clean the inside regularly

Clean the freezer compartment on a monthly basis and clean the freezer compartment after a defrost cycle.

Take out foods from freezer compartment and keep those foods in a cool place.

Remove all detachable parts.

Interior parts are not suitable to be washed in a dishwasher. Wash them manually using lukewarm water and some dish detergent. Do not use concentrated detergent, abrasive agents and chemicals such as acids. Mild dish detergent is recommended.

User's Manual

Steam cleaners and dangerous and strictly prohibited.

Wash the inner compartment with lukewarm clean water and dry with a soft cloth. It is absolutely dry after waiting for 3-4 minutes. Do not destroy or remove the rating plate of the freezer. It could be needed for after-sales service or relevant processes. Make sure water doesn't get into electric parts in the freezer.

If a heat exchanger (condenser) is mounted on the back of the freezer, dust and lint should be removed regularly to enable efficient heat dissipation and avoid excessive power consumption. Use a soft brush or a duster to clean the outside of heat exchanger.

11. Defrosting

Freezer compartment

The freezer compartment, intended for storage of frozen food, doesn't have automatic defrosting. The freezer compartment should be defrosted regularly. Defrost the freezer compartment whenever the thickness of ice layer reaches 5cm.

Unplug the freezer before defrosting. Take out foods from the freezer compartment and kept these foods in a cool place. Use an ice scraper to remove the ice. To speed up the process, place a bowl of hot water in the freezer compartment. Clean and redo the freezer compartment after defrosting.

POTENTIAL SAFETY HAZARD!

Don't use electrical devices such as hair dryer, electrical fan, steam cleaner, defrost spray or open fire (such as candle) to defrost the freezer compartment.

The plastic parts of inner compartment may get melted and any spark or open fire may cause fire in presence of explosive gas. Never use a steam cleaner to defrost the freezer compartment (danger of electric shock)

Cautions!

Take out the drawer, and wrap up the frozen foods with newspaper or blanket.

Keep these foods in a cool place before the defrosting process is finished.

Keep the door of freezer compartment open.

English

Ice and frost form on the surface of evaporator during operation. A thick layer of ice or frost acts as heat insulation and hinders thermal conduction.

Defrost the freezer compartment in the shortest time possible to avoid thawing of frozen foods.

Do not remove the ice or frost in the freezer compartment with a sharp or pointed item. Otherwise the evaporator surface may get damaged.

Wipe off defrost water from time to time with sponge.

Place a container of hot water (do not use boiling water) near the door of freezer compartment to speed up the defrosting process.

Dry the freezer compartment and place the frozen foods back. Reconnect the freezer after defrosting.

Start up the freezer by adjusting the temperature control knob. Close the door of freezer compartment.

12. Problem Diagnosis

The latest manufacture techniques and state-of-the-art refrigeration and freezing technology are adopted to ensure safe and reliable operation of your appliance. In doubt of fault, make sure to check first as described below before making a service call:

Things to be noted:

The compressor (also known as refrigerating unit) doesn't operate all the time without stop.

The compressor is controlled by the automatic temperature regulator represented by a temperature dial. When the interior temperature exceeds the present temperature, the compressor starts automatically and when the interior temperature falls below the present temperature, the compressor stops automatically.

It's normal that compressor makes noise during operation. The noise comes from the motor. The flow of refrigerant through the refrigerating system may make a gurgling noise. These noises don't mean a fault of the freezer.

The exterior surface may be wet when it's cold and the ambient temperature is low. It's normal and the exterior surface will become dry as the ambient temperature rises.

If the reasons of such phenomena can't be identified and solved, please consult the service center.

13. Troubleshooting

a) Problem: Freezer does not operate (does not work)

Please check:

Is the power cord in good condition? Is the freezer properly plugged in the outlet?

Is there a power interruption? (Use a small appliance to check out, e.g. agitator or hair dryer.

User's Manual

Is the freezer started up? (The temperature dial should not be set at "0").
Is the fuse broken? Or in poor contact?

b) Problem: The inner compartment is not cool enough; the compressor cycles on and off frequently.

Please check:

The freezer compartment should stand still for at least 2 hours after installation to stabilize the refrigerant circulation system. See "start-up". If it doesn't work, unplug the freezer and fill the freezer to one side for a while or place it on an inclined plane and then place it to the original position. Connect the freezer after 2 hours. Keep the door closed for 12 hours. Is the door properly closed? If so, the door gasket should press on the external cabinet securely and evenly.

Test: It should be difficult to pull out a piece of paper caught up between the door gasket and the external cabinet. If the paper slips away easily, consult the service center.

If there is thick ice in the freezer compartment.(See "Cleaning and Maintenance")
Is the freezer exposed to direct sunshine or near a heat source (oven, radiator, etc.)?

What to do: Do not expose the freezer to direct sunshine; keep the freezer away from any heat source; install a thermal barrier between the freezer and the heat source (See "Location").

Is the inner compartment overloaded?
Is the room well ventilated? Is the air vent obstructed?
Is the heat exchanger (condenser) on the back covered by dust?

c) The temperature of freezer compartment is too low

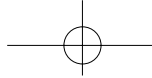
Please check:

Is the temperature regulator properly set?
Is the door of freezer compartment properly closed?
Is there a lot of fresh food (more than 1kg) in the freezer compartment?(If the freezer compartment operates for long periods, the temperature of freezer compartment falls accordingly)

d) The freezer compartment is too warm and frozen foods are thawed

Is the ambient temperature too low?(If so, the refrigerating unit will malfunction, resulting in higher temperatures in the freezer compartment)

What to do: Raise the ambient temperature.



English

e) There is thick ice in the freezer compartment.

Please check:

Is the door of freezer compartment properly closed?
If some food gets frozen to the inner walls, try to remove it with a blunt instrument such as spoon handle.
Defrost and clean the freezer compartment (see "defrosting").
A thick ice layer will impede refrigeration performance and increase power consumption.

f) Unusual noise

Please check:

Is the freezer solidly positioned? Is the freezer rubbing against other furniture or items? Is there anything stuck between the back of freezer and the wall?
Move the items in contact with the freezer out of way and keep adequate space between the freezer and the surroundings.
Is the movable parts securely retained in place?
Are bottles or containers in the inner compartment rubbing against each other?

Note!

It's normal that there is noise of refrigerant flowing through the refrigerating system.
It's normal that moisture forms around the door handle in summer. Dry with a soft cloth.
The freezer is not user-serviceable and do not attempt to intervene with the normal operation of the appliance.

14. During a Power Interruption

There is no need to take out the frozen foods in the freezer compartment if the power interruption lasts no more than 2 hours. Otherwise, take out the foods after 2 hours.

15. Making A Service Call

Servicing and repair should be conducted by authorized professional personnel. The manufacturer is not responsible for the risk of damages or injuries due to failure to comply with this provision and the warranty will be voided.

The warranty and the list of service centers indicated the authorized after-sales service providers for your appliance.
Please consult your dealer if there is no service center in your neighborhood.

For faults or problems caused due to improper use or breach of the instructions contained herein, the costs and expenses incurred in servicing and repair should be born by the user and the dealer is not responsible for such costs and expenses.

In order to receive prompt assistance, the following information is necessary.

User's Manual

Type and models of freezer (see the rating plate).

Date of purchase.

Name and address of the dealer

Description of fault/problem.

16. Installation in Kitchen

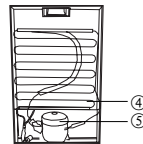
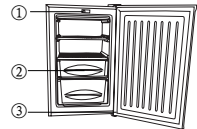
If you want to place the freezer in the kitchen, you should consult the relevant instructions described in the installation manual of other types of freezer.

17. Warranty

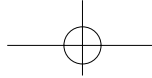
The terms and conditions as well as the periods of warranty are indicated in the Letter of Warranty enclosed hereto. The dealer will brief you of the same upon purchase.

The manufacturer reserves the right to improve the design, construction and technology from time to time without further notice.

18. Illustration of parts



1. Thermostat
2. Drawer
3. Lower hinge & leveling leg.
4. Condenser
5. Compressor.



Haier Thermocool produce high quality freezer which are strong, reliable, elegantly styled- yet practical and long lasting for the most demanding tropical climate and conditions.

Haier Thermocool new generation freezer are convenient to use, highly efficient, energy saving and are built for quiet running to withstand voltage fluctuations.

Unique Haier Thermocool 12 MONTHS GUARANTEE gives you peace of mind and assured satisfaction from the moment of purchase. The 12 MONTHS GUARANTEE covers:

- Free part replacement under warranty
- Free repair under warranty

Unique Haier THERMOCOOL NATIONWIDE SALES and SERVICE NETWORK offers you fast, reliable service and replacement spare parts which will normally be available for many years. Sales &Service is available in ILUPEJU,IBADAN, BENIN,WARRI, PORT HARCOURT, ABA, ENUGU, ONITSHA, KAKUNA, ZARIA, KANO, JOS, MAIDUGURI,MINNA, ABUJA. Contact HPZ or your local Haier Thermocool distributor for information.

...part of your life

Haier Thermocool reserves the right to amend specifications without notice as part of its continuous improvement programme.Haier Thermocool is a registered trademark.



45/47 Town Planning Way, Ilupeju Industrial Estate
P.M.B 21132, Ikeja, Lagos, Nigeria. Tel: 01-4973470
Customer Care Line: 01-7303333, E-mail: customercare@hpz.com.ng
Website: www.htcool.com