



Instruction Manual

**Please read this instruction manual carefully
before operating the unit.**

**MODEL#: CM30E/30E GDseries
CM40E/40E GDseries
CM50E/50E GDseries
CM60E/60E GDseries**

INTRODUCTION

Thank you for purchasing our absorption refrigerator. This unit is designed to improve your living and entertaining comfort. The absorption system refrigerator is a compact, totally silent refrigerator that uses no compressors or fans. Originally developed for commercial use or similar use. With its silent operation and attractive design, you will enjoy the convenience and comfort for years to come.

Please read these instructions carefully before operating this appliance. When using this appliance, always exercise basic safety precautions.

This easy-to-use manual will guide you to getting the best use of your absorption refrigerator.

REFERENCE INFORMATION

Please complete the following information for future reference. You will need it to obtain warranty service.

Model Name*: _____

Serial Number *: _____

Date of Purchase: _____

Place of Purchase: _____

*The above information is written on the back of the unit. Retain this Owner's Manual with your sales receipt as a permanent record of your purchase.

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IMPORTANT SAFETY PRECAUTIONS



Before you use your absorption refrigerator, please read this instruction manual carefully.

Use this appliance only for its commercial purpose as described in this owner's manual.

This absorption refrigerator must be properly installed in accordance with the installation instructions before it is used.

Never unplug your absorption refrigerator by pulling on the power cord. Always grasp the plug firmly and pull straight out from the wall outlet.

1) Repair or replace immediately, all electric service cords that have become frayed or otherwise damaged. Do not use a cord that shows cracks or abrasion damage along its length, the plug or the connector end.

2) Unplug your absorption refrigerator before cleaning or before making any repairs.

NOTE: *If for any reason this product requires service, we strongly recommend that a certified technician perform the service.*

3) Do not operate your absorption refrigerator in the presence of explosive fumes.

4) The power supply must be properly grounded.

5) Do not use an adapter plug or extension cord.

6) Do not use the unit in the immediate surroundings of a bath, shower or swimming pool.

7) Before discarding or storing, we recommend that you remove the door and leave the shelves in place. This will reduce the possibility of danger to children.

8) Do not store food in absorption refrigerator as the interior temperature may not be cool enough to prevent spoilage.

9) The instructions concerning persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge and children playing with the appliance are not required.

10) If the power supply is damaged, it must be replaced by the manufacturer, its service agent or similar qualified persons in order to avoid a hazard.

11) Do not try to fix the lamp and open the back guard, refer to agent or manufacture for help.

12) Maximum loading of each shelf in storage compartment is 8 kg.

13) Maximum loading of door balcony is 5 kg.

14) Sound pressure level at workstation is far below 70dB.

15) AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

WARNINGS!



- Keep clear of obstruction all ventilation openings in the appliance enclosure or in the structure for building-in.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer. Do not use any heat sources, such as candles or heaters, to speed up defrosting.
- 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.

INSTALLATION



WARNING! To avoid a hazard due to instability of the appliance, it must be installed according to the instructions.

It is advisable to clean the inside of the absorption refrigerator with lukewarm water using a mild detergent, and then to dry it thoroughly prior to use.

The temperature in the appliance will depend on:

The temperature in the room

The frequency and duration of periods when the door is open.

How many items are in the fridge

It may therefore be necessary to adjust the thermostat from time to time.

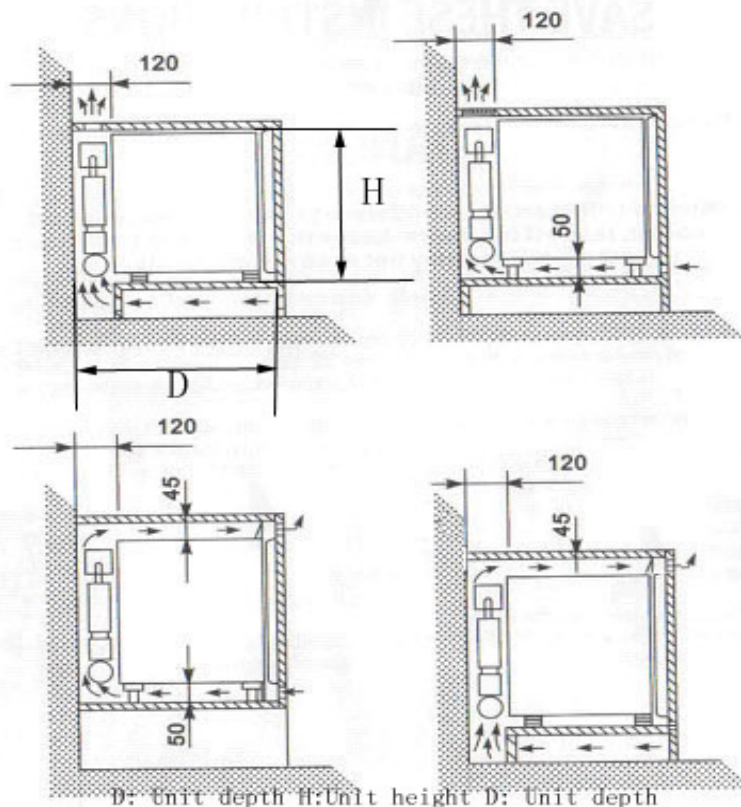
The refrigeration system of the cabinet is designed to operate with the cabinet located on a flat surface. Avoid tilting the cabinet side.

If the cabinet must be tilted on an angle for handling or moving purposes, allow it to sit in an upright position 20 to 30 minutes prior to plugging it in and starting the cooling of the storage compartment.

Grounding plug and socket should be provided in accordance with local regulations. The cable-size should meet the refrigerator's requirements. The unit must be connected to proper electrical network, which is shown on the nameplate, through an omnipolar circuit-breaker. To assure the proper function of the refrigerator, please observe the following recommended.

1. To ensure the circulation, the unit should be kept at 12 cm, away from the wall.
2. Locate the unit away from direct sunlight. This will enable you to obtain the best performance and save energy.
3. Under no circumstances should the top grid be covered by any object. It will preclude the warm air from circulating.

Installation Figure



D: Unit depth H: Unit height D: Unit depth

Pls see nameplate for specified number

PRODUCT PARTS AND FEATURES



HOW TO OPERATE ABSORPTION REFRIGERATOR

1. Insert power plug into wall outlet
2. To adjust the temperature turn thermostat knob inside the cabinet.

Automatic Defrosting

For models suffix "E" are with automatic defrosting system. For other models which are with manual defrosting system, you just turn the thermostat knob to zero position until the accumulated frost melts, then return to normal position. for the details refer to page 8 technical data.

Temperature Control



The inner temperature ranges from 0°C to 12°C. You can turn the thermostat knob to have your desired temperature. Turn the knob clockwise rotation, which the position varies from 1 to 6, you can get a lower temperature inside. Setting 1 is the highest temperature and the setting 6 is the lowest temperature.

ABSORPTION REFRIGERATOR CARE AND CLEANING



Warning: To avoid electric shock always unplug your absorption refrigerator before cleaning. Ignoring this warning may result in injury.

General: Do not use harsh chemicals, abrasives, ammonia, chlorine bleach, concentrated detergents, solvents or metal scouring pads. Some of these chemicals may dissolve, damage and/or discolor your absorption refrigerator.

- 1) Remove the contents of the appliance
- 2) Wipe the inside and outside surfaces with a damp cloth. The addition of vinegar to the water is good for the prevention of mold and fungus.
- 3) Wipe all parts thoroughly after the cleaning.

IMPORTANT:

When the absorption refrigerator is not in use it must be completely dry inside to avoid mold growth (if possible have the door open).

LIMITED WARRANTY

As a condition to any warranty service obligation, the consumer must present this Warranty Certificate along with a copy of the original purchase invoice.

THIS WARRANTY DOES NOT COVER:

- 1) Damage, accidental or otherwise, to the absorption refrigerator while in the possession of a consumer not caused by a defect in material or workmanship.
- 2) Damage caused by consumer misuse, tampering, or failure to follow the care and special handling provisions in the instructions.
- 3) Damage to the finish of the case, or other appearance parts caused by wear
- 4) Damage caused by repairs or alterations of the absorption refrigerator by anyone other than those authorized by the manufacturer.
- 5) Freight and Insurance cost for the warranty service

ALL WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANT ABILITY ARE LIMITED TO CLAIMED DURATION. THE MANUFACTURER DISCLAIMS ANY LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES.

ENVIRONMENTAL PROTECTION



Environmental Protection

Discarded electric appliances are recyclable and should not be discarded in the domestic waste! Please actively support us in conserving resources and protecting the environment by returning this appliance to the collection centres (if available).

REVERSING THE DOOR (OPTION)

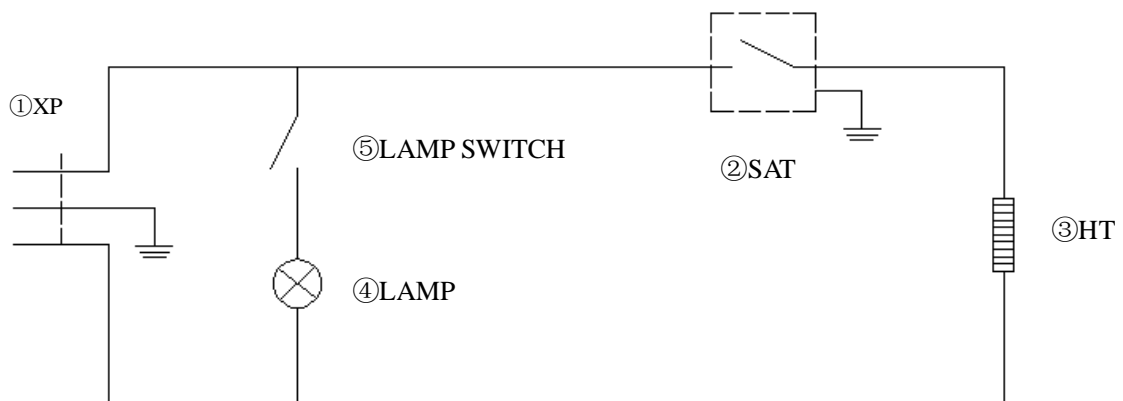


How to reverse the door

- Remove the lower hinge by loosening and removing the screws with screwdriver.
- Carefully lower the door and remove it.
- Remove the two screws from the left top hinge position, take the metal part off the hinge position.
- Remove the two screws from the right top hinge and take off the hinge, insert the metal part, rivet the two screws thereafter.
- Take off the lower hinge and fix it to the opposite side.
- Take the door. Insert the lower hinge axle into the right bottom hole of the door.
- Fix the spare hinge to the left top position of the cabinet. Adjust the door, make it straight and in alignment with the cabinet.

Note: As the door gasket gets pressed-in during shipment, after reversing the door the gasket might have to be reset. This will be good for seal to avoid any air escaping. If there is a gap between the cabinet and the door gasket, set the gasket by gently pulling it out to seal the gap. If necessary, you are recommended also to use the hair drier to warm the gasket to get rid of the gap.

CIRCUIT DIAGRAM



①XP Power Supply
②SAT Temperature Control

③HT Heating Tube
④LAMP

⑤LAMP SWITCH