

unibar

HOTEL ABSORPTION MINIBAR

INSTRUCTION MANUAL
FOR
ABSORPTION REFRIGERATOR



Please read this manual carefully and make sure to keep it in the place accessible by a user anytime!
READ ALL INSTRUCTIONS BEFORE USING YOUR REFRIGERATOR.

WARNING: To reduce the risk of fire, electrical shock or injury:

1. Use only as described in this manual. Use only manufacturer's recommended attachments.
2. Do not use damaged cord or plug. Do not use the refrigerator if it has been dropped, damaged or dropped in water. Return it to an authorized service center.
3. Do not pull the refrigerator by cord or pull cord around sharp edges or corners.
4. Keep the cord away from heated surfaces.
5. Do not unplug by pulling on the cord. To unplug, grasp the plug, not the cord.
6. Do not handle the plug or the refrigerator with wet hands.
7. Do not store flammable or combustible liquids such as gasoline in the refrigerator or use in the area where they may be present.
8. Look on your refrigerator and follow all labels and marking instructions.
9. Using improper voltage may result in damage to the refrigerator and possible injury to the user. Correct voltage is listed on the rating label.
10. Do not use for any purpose other than described in this user's guide.
11. The refrigerator is not intended for use by young children or inform person without supervision.
12. Young Children should be supervised to ensure that they do not play with the refrigerator.

WARNING – Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.

WARNING – Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

WARNING – Do not damage the refrigerant circuit.

WARNING – Do not use electrical appliances inside the food storage compartments to the appliance, unless they are of the type recommended by the manufacturer.

The major characteristic of the absorption refrigerator is that the refrigerator use R717 instead of fluorine as its refrigerant. The refrigerator is a real green and environment-friendly product. The product is easily operated and there is no moving part during its operation, no noise, no wear and has a long service time. The product is suitable for use in hotel rooms, reception rooms of enterprises and institutes, meeting rooms, home student and teachers flats, hospitals blood bank and storage valued pharmaceutical products.

Please read this instruction manual carefully before operation of the refrigerator.

A. Cautions

1. The refrigerator should use a separate special power socket. The power socket must meet the requirements of relevant safety laws and rules.

2. Make sure that the cooling system (it will be hot during operation) on the back side of the refrigerator should not be touched by anyone unexpectedly.
3. The outside refrigerator should not be spattered with water.
4. Storage of explosive, combustibles, volatile dangerous goods and corrosive acid and alkali in the refrigerator are prohibited.
5. The inside temperature of the refrigerator is over 0°C, please do not put the articles to be frozen into the refrigerator.
6. In case of trouble or abnormal phenomena, please contact our service department or dealer for service without delay. Do not dismantle the refrigerator without authorization.

B. Proper placement

1. The proper placement of the refrigerator are shown as figure 1 to keep good heat exchange effect of the refrigerator.
2. In case of built-in placement (for example in restaurant, hotel), enough ventilation space are required, shown as A, B, C, D and E in figure 2. The area of the admission inlet and exhaust outlet should not be less than 250 cm to ensure smooth flow of air admission and exhaust, do not put the refrigerator into a closed cabinet.

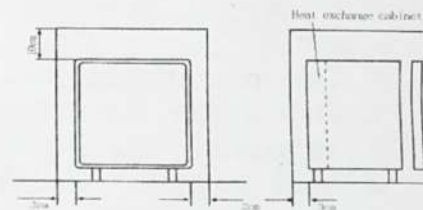


Figure 1

- 1 – ventilation grid
- 2 – admission
- 3 – exhaust

Attention:

the area of space around the ventilation grid (1) should be least 250 cm.

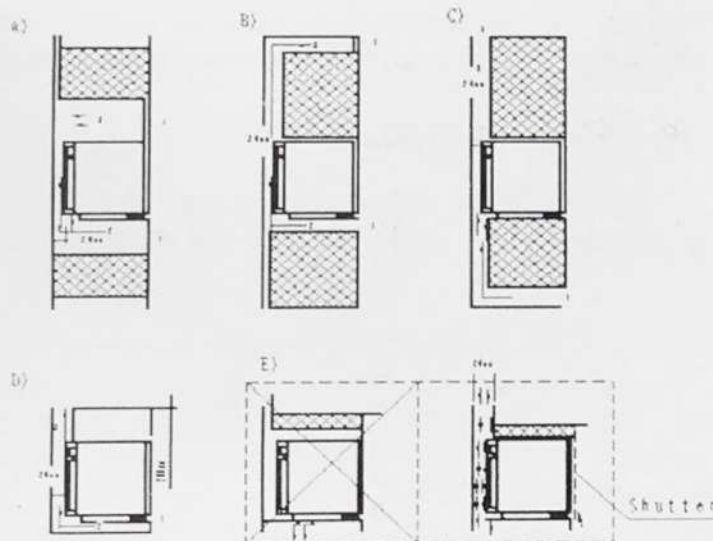


Figure 2

WARNING

Attentions should be paid for the following points so as to ensure optimum effect of storage and lower power consumption:

the refrigerator should not be placed near heat source and in direct sunlight

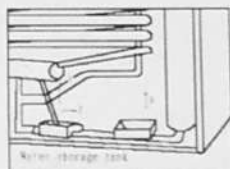
near the cooling system, there should be no things impeding flow and air the ventilation grid should not be covered by anything, such as decorations and clothes etc.

the refrigerator must be placed steady and levelly

C. Maintenance

It is recommended that the absorption refrigerator shall be cleaned before its operation!

1. Clean the refrigerator with soft cloth with water and neutral detergent, then to wash inside and outside the refrigerator with clean water, then wipe the refrigerator dry.
2. After operation of the refrigerator, remove the dust on the cooling system on back of the refrigerator with soft cloth or feather duster at irregular intervals.
3. Clean the water storage tank on the back of the refrigerator every quarter or at irregular intervals. The dismount steps of the water storage tank before cleaning as the following figure.
4. When it is necessary to clean the shelves on the door, only lift the shelves up, then take the shelves out.



If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

D. Method of operation



1. Put articles into the refrigerator 5 to 6 hours after switch on and inside chamber is cooled down.
2. The height of the shelves can be freely adjusted conducive to store articles on the shelves so as to avoid of the shelves.
3. The refrigerator mounted a microprocessor controlled thermostat. The knob of the thermostat is located at bottom of inside back wall. If you want a lower inside temperature, please turn the knob clockwise; if you want a higher temperature, please turn the knob anti-clockwise.
4. The refrigerator has a function of automatic defrost: the refrigerator will start its first defrost at 15 hours after switch on and the defrost will take 1 hour, then the refrigerator will do defrost after every 23 hours of operation, the duration of defrost will be 1 hour. The defrosted water will go to the water collection tank, then flow into water storage tank, then naturally evaporate.

Caution: Never force clear frost on the evaporator away, also never use a heater for quick melting of ice and frost.



5. There is a light inside the chamber of the refrigerator, the light will be automatically on when the door of the refrigerator is open.

Disconnect the power supply before replacing the light!

Steps for replace light are as follows:

Unplug the power plug; remove the transparent light cover on the top of inside chamber; turn the burnt light anti-clockwise and take the burn light out; fit a new light and turn tight clockwise; put the light cover back.

E. Troubleshooting guide

1. Cooling dose not work (the cooling system on back of the refrigerator is cool)

Possible causes	Solutions (for users)	Solutions (for manufacture service)
the red point of the knob of thermostat is set "0"	set the red point of the knob of thermostat to middle position	
the power plug was not plugged in	put the plug in	
There is no power In the socket	Check the power cable around room	
Prolbem of electronic parts or sensor		Replace wit new electronic parts or sensor
The heater is in trouble	Unplug the plug, lift the insulated tube 30 to 40 mm till showing clip for the heater bar, loose the heater bar. Put the insulated tube to original position after replacement.	Replace with new tube heater
The refrigerator is at defrost	Please refer to point 3 in method of operation	
Problem caused during transportation	Turn the refrigerator 90° to front	

2. Cooling dose not work (the cooling system on back of the refrigerator is warm)

Possible causes	Solution (for users)	Solutions (for manufacture service)
The refrigerator is not levelly placed	Make the refrigerator level; put the refrigerator at a level floor	
The refrigerator is just start work	Check it 6 hours after the refrigerator stars operation	
The cooling system is at fault		Check if the cooling system can repaired? If not, change the cooling system

3. Cooling performance is not good

Possible causes	Solutions (for users)	Solutions (for manufacture service)
Ventilation and heat exchange of cooling system is not enough	Make sure the ventilation grid is not covered. Make sure the refrigerator is put well!	
The door is not closed tightly	Refer to placement warning!	
The dor is not closed tightly	Close the door of the refrigerator tightly	If the gasket has magnetic
The light ist still on during the door closed		Change the light switch. If necessary.
The time of storde articles in the refrigerator is not long.	Check if cooling function of the refrigerator is normal.	

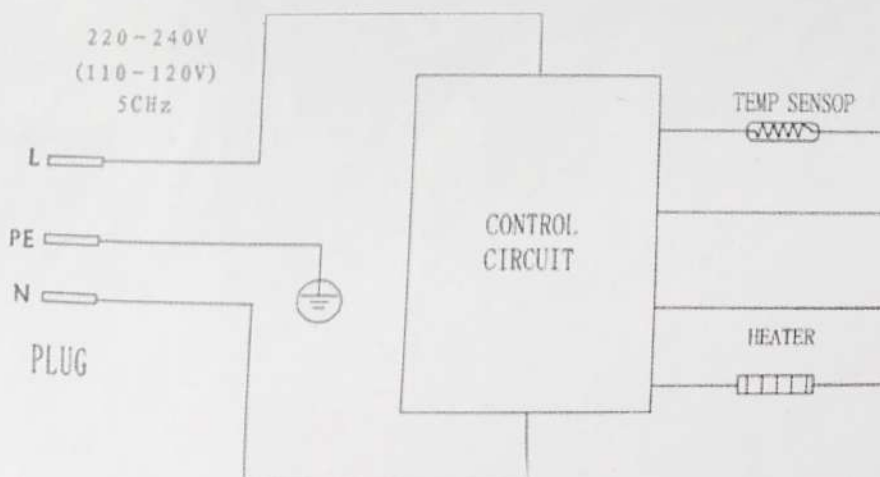
4. There is frost inside the refrigerator

Possible causes	Solutions (for users)	Solutions (for manufacture service)
The door of the refrigerator is not tightly closed	Close the door tightly	Check if the door have door gasket, if necessary to change new door.

5. The stored beverage is frozen

Possible causes	Solutions (for users)	Solutions (for manufacture service)
The temperature is adjusted too low	Turn the knob a certain degree	
Fault of electronic parts or sensor		Replace with new electronic parts of sensor

Circuit Diagramm



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