Excellence Industries

Profit from the Power of Partnership.

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Model No.: AC-6HC

Instruction Manual

Manual is for the following models: Date of Purchase:

Instruction Manual

AC-6HC

FOR YOUR FUTURE REFERENCE

■ **Thank you for using our product. This manual will guide you in getting the best use of your cooler.**

■ **Remember to record the model and serial number .**

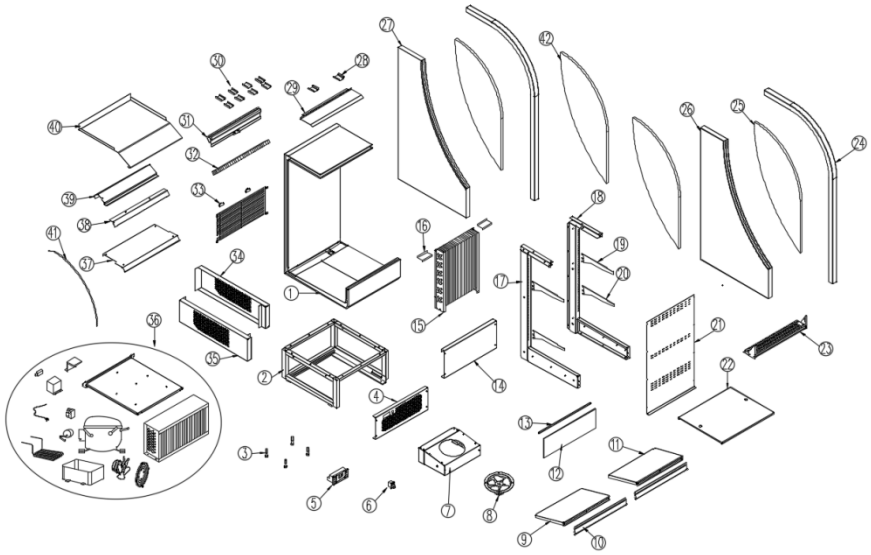
■ **Staple your receipt to your manual.** You will need it to obtain Warranty Service.

Model #:
Serial #:
Date of Purchase:

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PARTS & IDENTIFICATION



1. Cabinet
2. Cabinet Bracket
3. Stone Bolt
4. Front Grill
5. Thermostat
6. Light switch
7. The Fan support
8. Evaporator Fan
9. Shelf Ⅰ
10. Article price support
11. Shelf Ⅱ
12. Front glass
13. Glass top trim
14. Front decorative cover
15. Evaporator
16. Wind deflector
17. Left support
18. Right support
19. Shelf support
20. Shelf support
21. Rear baffle plate
22. Bottom plate
23. Return air grill
24. Glass front trim
25. Panel glass
26. Left panel
27. Right panel
28. Wind deflector support
29. Wind deflector
30.LED light support
31. The night curtain
32. Wind network
33. Hang line stents
34.Left grill
35. Right grill
36. Refrigeration units
37. Top wind plate
38. The night curtain support
39. LED light support
40. Decorative of top cover
41. LED light
42 panel glass

SAFETY PRECAUTIONS

When using this appliance, always follow the basic safety precautions:

1. Read the entire User's Manual before operating this appliance.
2. Use this appliance only for its intended purpose as described in this User's Manual.
3. This cooler must be properly installed in accordance with the installation instructions before being used. See grounding instructions on page 6.
4. Never unplug your cooler by pulling on the power cord. Always grasp the plug firmly and pull it straight out from the outlet.
5. Unplug your cooler before cleaning or making any repairs. (Note: If for any reason this product requires service, we strongly recommend that a certified technician perform the service.)
6. Immediately repair or replace all electrical 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.
7. This cooler should not be recessed or built into an enclosed cabinet. It is designed for freestanding installation only.
8. Do not operate or store your cooler near or around explosive fumes, gasoline or other flammable vapors and liquids.
9. Setting the temperature control to the 0 position does not remove power to the light circuit, perimeter heaters, or evaporator fans.

Please save these instructions!

DANGER!

Proper Disposal of the Refrigerator

To prevent any risk of child entrapment when discarding your cooler remove the doors and leave the shelves in place so that children cannot easily climb inside.

PRE-CAUTION, NON-OPERATING COOLERS SHOULD HAVE:

1. Glass door removed.
2. Shelves kept in place in order to prevent any small child from climbing inside cooler.

FOR PROPER DISPOSAL OF COOLER: Distributors / retailers need to contact a qualified service technician:

1. To recover all Freon/refrigerant from the cooler
2. To remove the compressor or remove the oil from the compressor

Then the distributor/ retailer can contact their local metal recycling center to pick up the remaining cabinet, shelves, etc. By law, disposal of hazardous wastes may be subject to fines and imprisonment under the provisions of the environmental regulations. For more information please visit: http://www.epa.gov/osw/hazard/index.htm

FEATURES

- Designed with an elegant shape and quick refrigeration speed, this commercial-grade product is anideal choice for supermarkets,hotels, convenience store, etc.
- For energy saving, the night curtain can be pulled down during off peak hours.
- The forced air system allows for fast cooling speeds, which helps maintain a consistent temperature.
- Adjustable shelves allow for a wide variety of products to be stocked.
- The refrigeration unit is designed for easy access, allowing for fast and simple repairs.
- This equipment is intended for storage and display of packaged product.

CAUTION FLAMMABLE REFRIGERANT

- DANGER – Risk Of Fire Or Explosion. Flammable Refrigerant Used. To Be Repaired Only By Trained Service Personnel. Do Not Puncture Refrigerant Tubing.
- CAUTION – Risk Of Fire Or Explosion. Flammable Refrigerant Used. Consult Repair Manual/Owner's Guide Before Attempting To Install or Service This Product. All Safety Precautions Must be Followed.
- CAUTION – Risk Of Fire Or Explosion. Dispose Of Properly In Accordance With Federal Or Local Regulations. Flammable Refrigerant Used.
- CAUTION – Risk Of Fire Or Explosion Due To Puncture Of Refrigerant Tubing; Follow Handling Instructions Carefully. Flammable Refrigerant Used.

INSTRUCTIONS

Ambient Environment

- Place cooler on an even surface to reduce vibration and noise.
- To transport, do not tilt the cooler beyond a 45 degree angle.
- Do not place cooler in direct sunlight or near any heat sources.
- Do not place cooler in environment temperatures that exceed 77°F (25°C).
- Do not place cooler in below normal temperatures.
- Do not place cooler in extreme humid environments, this may cause components to rust.
- Do not place cooler near constant running or splattering water, this may cause damage to refrigeration system.
- Must allow at least 4”~6" between rear of cooler and wall for proper ventilation and heat dissipation of cooler.
- Do not place furniture or other articles with sharp edges near the cooler in order to prevent damage to the glass.

PREPARATION PRIOR TO OPERATION

- Remove all packaging materials before using cooler.
- This includes: foam pedestal, adhesive tape (used to fix accessories) and protective gaskets.
- Inspect cooler for concealed damage. Immediately file a claim with the freight carrier if there is damage.
- For proper operation, place the cooler on a dry, level surface.
- Clean the interior surface with a soft cloth and lukewarm water before operation.
- Keep cooler in an upright position for 30 minutes prior to use.
- Require that a circuit be dedicated for the unit. Failure to do so voids warranty.

WARNING: Do not use extension cords.
WARNING: Compressor warranties are void if compressor burns out due to low voltage.
WARNING: Power supply cord should not be removed or altered in any way.

Leveling

- Set unit in its final location, making certain there is adequate ventilation in the room.
- WARNING: Warranty is void if ventilation is insufficient.
- Proper leveling of the cooler is critical to it operating correctly. Condensation removal will be affected by leveling.



- < The cooler should be leveled front to back and side to side with a level.
- Ensure that drain hose or hoses are positioned in the pan.
- Remove plug and cord from inside the lower rear of the cooler.
- The unit should be placed close enough to the electrical supply so that extension cords are never used.

Shelving Installation (Maximum load per shelf is 46 pounds)



• Place shelf in the holes marked 1,2,3.Sm all toward the top and bigger shelves to the bottom.



• Place the shelf equal distance from the floor and be careful to not hit the side glass.

REPLACING THE INTERIOR LIGHT

- Do not attempt to replace the lamp yourself. Contact the dealers who provide this device to you.
- Make sure the alternative lamp is identical with the original one.



1 Unplug the cooler.

2 Disconnect the lights.



3 Unscrew (3) screws using a Phillip's screwdriver.

4 Remove LED light strand.

5 To install LED lights follow the above directions in reverse order.

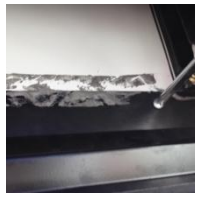
REPLACING THE NIGHT CURTAIN



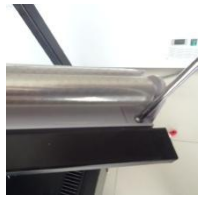
1 Remove the top cover by unscrewing (4) screws using a Phillips screwdriver.



2 Remove the curtain housing.



3 Remove the curtain support by unscrewing the (4) screws using a Phillips screwdriver.



4 Remove the curtain by unscrewing the (2) screws using a Phillips screwdriver.

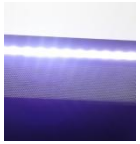
5 To re-install night curtain follow the above instructions in reverse order.

STARTUP & OPERATION

Operation

- Prior to stocking cooler with product, it should be operated empty for half an hour.

LED Light Switch



Operation

- The light switch for the interior LED lighing is located above the front grill, on the left hand side.



REPAIR AND MAINTENANCE FOR REFRIGERATION DRAWER

* A CERTIFIED TECHNICIAN IS REQUIRED TO REPAIR ALL REFRIGERATION COMPONENTS FOR WARRANTY PURPOSES.

For convenient repair, the refrigeration components (compressor, evaporator, condenser, evaporation fan, condensation fan and filter) are designed using a split system; any component can be easily replaced. Replacement procedure is as follows:



1. Unplug the unit.



2. Remove the rear grill by unscrewing the (4) screws using a Phillips screwdriver.



3. Slide the refrigeration drawer out to easily access refrigeration components. Remove the component to replace or repair.



4. After repair, re-install all parts using the reverse procedure.

CONDENSER MAINTENANCE

It is essential to keep the condenser coils clean and free of dust and debris at all times. It is required to periodically clean the condenser coils with a soft bristle brush or vacuum-cleaner to properly maintain the refrigeration system. Failure to clean the condenser at regular intervals may cause failure of the refrigeration system and could void the warranty.



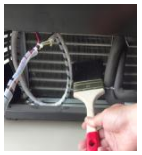
1. Unplug the unit.

2 Using a Phillips screwdriver, remove the (2) screws as shown.



3.The front grill can now be removed by pulling it up.

4. Clean condenser with bristle brush.



5 Replace the front grill and use a Phillips screwdriver to securely tighten the screws in place.

MAINTENANCE - Cleaning Shutdown Questions and Answers

Cleaning and Maintenance

1 Unplug the cooler before cleaning.
2 Use a soft cloth or sponge with water or soap (non-corrosive mild detergent), while cleaning. After cleaning, wipe the cooler using dry cloth to keep the cooler from rusting.
3 Do not spray water on the cooler, and do not use hard or steel brushes to clean the cooler.
4 Do not use organic solvents, boiling water, washing powder or acid while cleaning.

If the cooler's power will be off for a long period of time, unplug it, clean as instructed above, and keep door open until dry.

ADJUSTING THE DIGITAL THERMOSTAT



1. Power on the display for normal temperature.

2. Press the set key for 2 seconds, then enter the temperature adjustment mode.



3 Adjust the temperature up or down as needed. Then press the set key to save changes.

SPECIFICATIONS

MODEL	VOLUME (L)	RATED VOLTAGE (V)	RATED CURRENT (A)	LAMP INPUT POWER (W)	REFRIGERANT (g)
AC-6HC	165	115	7.5	27	140

Troubleshooting

The following are not Malfunctions:

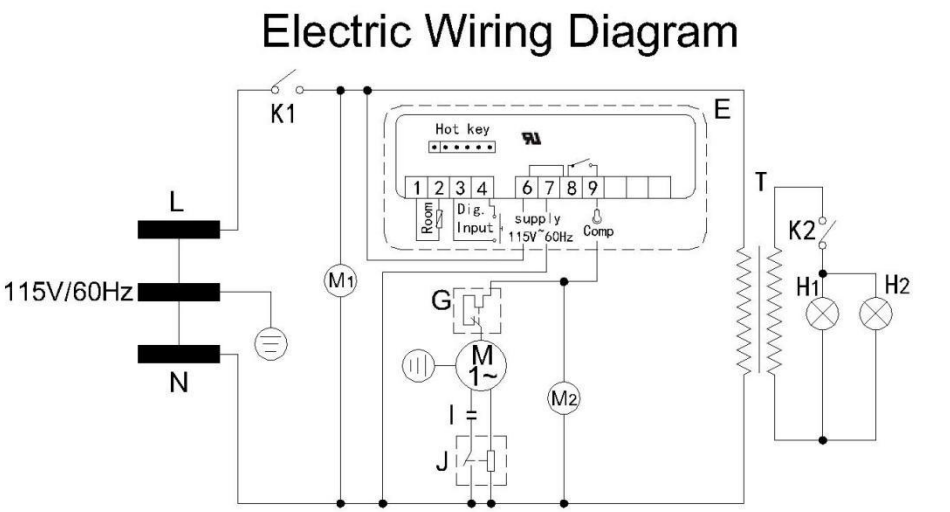
Issues	**Solutions**
Liquid flowing noise within cooler	This liquid is the sound of the cooling agent flowing through the pipes.
Refrigeration system is shutdown for longer periods of time while temperature inside is still very low.	This refrigerator has a strong level of heat preservation and can maintain a relatively ambient temperature.
Condensation on glass	This may be due to a high indoor humidity or a low inside temperature value may be set. Wipe the door dry with a towel.

1 This refrigerator has been designed and manufactured according to National standards. If there are any questions during use, refer to this operation manual to help troubleshoot problems.

After Sales Service
Any product has the possibility of malfunction. Please observe the cooler's operation and any changes to product being stored. If there are any abnormal cases, refer to the table below. If there is still no change after following the below instructions, please inform our service center in a timely manner to avoid a further loss of the unit.

Issues	**Solutions**
Cooler is not functioning.	Please check power supply: • Fuse damage • The plug is not securely inserted into the wall socket • Check for low voltage
Cooler is not keeping product cool.	• Provide ample space between all products to ensure proper circulation of air. • Keep unit away from direct sunlight or other heating source. • Be certain cooler is not touching external objects or walls.
Excessive noise	• Be certain the cooler is placed on a level surface. • Be certain cooler is not touching external objects or walls.

CIRCUIT DIAGRAM



Excellence Commercial Products

STANDARD WARRANTY - Within the Continental United States

Excellence Industries warrants to the user:

ONE YEAR CABINET WARRANTY

The cabinet and all of its parts shall be free of defects in the material and workmanship under normal use and service for a period of one year from the date of purchase. Excellence Industries sole obligation under this warranty shall be limited, at its option, to either repairing or replacing any part of the cabinet determined by Excellence industries to be defective. Excellence will pay standard labor rates when service is dispatched through Excellence industries national service desk at 1-877-872-3797. Labor for outside service companies is only reimbursable with prior arrangements and written approval from Excellence industries.

ADDITIONAL FOUR-YEAR COMPRESSOR WARRANTY

In addition to the Standard Warranty, Excellence industries offers an additional FOUR-YEAR COMPRESSOR WARRANTY, Excellence industries agrees to replace the compressor with a compressor of like or one or similar design an capacity if it is determined by Excellence that the compressor is inoperative due to defects in factory workmanship or material under normal use and service. The warranty is for the part only and does not include any labor changes.

Excellence's obligation under the Four-Year Compressor Warranty Contract shall be limited to a period not to exceed five years from the date of installation. The Four-Year Compressor Warranty does not apply to any part of the cabinet or its finish, nor does it apply to the control, relay, fan or any electrical component.

Further terms of the contract cannot be considered valid if the compressor has been subjected to an accident, alteration, abuse, misuse, or damaged by shipping, delivery, flood, fire, or acts of God. The Four-Year Compressor Warranty Contract shall place no liability on Excellence for any labor or labor costs in replacing the compressor, heat exchanger, drier, fan or replaceable parts of the cabinet. Excellence industries shall only be obligated to furnish the replacement compressor.

LIMITED FIVE YEAR LEAK WARRANTY

The cabinet shall be free of insulation failures and refrigerant leaks within the insulated area of the cabinet for a period of five years from the date of installation or six years from the date of manufacture, whichever occurs first. Excellence sole obligation under this warranty shall be limited to the following:

- Year one after purchase – Full replacement including freight.
- Year two after purchase – A new cabinet can be purchased by customer at 20% of the original purchase price. Customer to bear cost of freight from Excellence warehouse.
- Year three after purchase – A new cabinet can be purchased by customer at 40% of the original purchase price. Customer to bear cost of freight from Excellence warehouse.

- Year four after purchase – A new cabinet can be purchased by customer at 60% of the original purchase price. Customer to bear cost of freight from Excellence warehouse.
- Year five after purchase – A new cabinet can be purchased by customer at 80% of the original purchase price. Customer to bear cost of freight from Excellence warehouse.

At Excellence industries discretion, the company can demand return of the cabinet in question. Excellence will pay any associated cost of freight to perform internal leak tests. If the unit is deemed to not have an internal leak, the customer must bear all the cost of freight both to and from Excellence's facilities and service.

Do not Drill Holes in Cabinet
Refrigeration tubing and wiring is routed through the cabinet walls. Leaks, wet insulation, or electrical problems caused by drilled holes are not covered by warranty. Any tampering with, drilling holes in or unauthorized modification to the cabinet will void all warranties.

General:
ABUSE, MISUSE, ACCIDENTS - Excellence industries shall not be responsible for parts or assemblies, which upon inspection are determined by Excellence industries to have been subjected to misuse, neglect, lack of maintenance, alteration, accident, abuse, damage during transit or delivery or by fire or flood.

CONSEQUENTIAL DAMAGES - IN NO EVENT SHALL EXCELLENCE BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES, INCLUDING WITHOUT LIMITATION, FOOD SPOILAGE OR PRODUCT SPOILAGE CLAIMS, NOR FOR ANY DELAY IN THE PERFORMANCE OF THIS WARRANTY DUE TO CAUSES BEYOND ITS CONTROL.

The standard warranty and any service contract related to the STANDARD WARRANTY shall apply only to the products sold and used within the boundaries of the Continental United States.

Users may file warranty claims either directly with Excellence or with immediate seller from whom the cabinet was purchased. All claims must be supported by information concerning the alleged defect and specifically identified by the Serial Number of the cabinet.

THERE ARE NO OTHER, WARRANTIES EXPRESS, IMPLIED OR STATUTORY, EXCEPT THIS WARRANTY, WHICH IS IN LIEU OF ALL OTHER WARRANTIES INCLUDING TO THE EXTENT PERMITTED BY LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

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