



360GSM3HCW



360GSM32HCB

## Glass Countertop Merchandiser Refrigerator

Single Door Models: \_\_\_\_\_

#360GSM3HCB    #360GSM3HCW

Pass-Through Models: \_\_\_\_\_

#360GSM32HCB    #360GSM32HCW

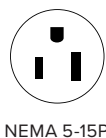
### Note:

Read the manual thoroughly prior to equipment setup, operation, and maintenance.

[www.AvantcoRefrigeration.com](http://www.AvantcoRefrigeration.com)

## Table of Contents

Warnings.....	3
Structure & Parts.....	4
Installation .....	5
Cabinet Location Guidelines .....	5
Use & Caution .....	6
Electrical .....	6
Defrost System.....	7
Safety / Warning .....	7
Operation & Maintenance.....	8
Troubleshooting.....	9



## Warnings

**DANGER** – RISK OF FIRE OR EXPLOSION. FLAMMABLE REFRIGERANT USED. TO BE REPAIRED ONLY BY TRAINED SERVICE PERSONNEL. DO NOT PUNCTURE REFRIGERANT TUBING.

**PELIGRO** – RIESGO DE INCENDIO O EXPLOSION. REFRIGERANTE INFLAMABLE UTILIZADO. PARA SER REPARADO SOLAMENTE POR PERSONAL DE SERVICIO CALIFICADO. NO PINCHAR LA TUBERÍA REFRIGERANTE.

**DANGER** – RISQUE DE FEU OU D'EXPLOSION. LE FRIGORIGÈNE EST INFLAMMABLE. CONFIER LES RÉPARATIONS À UN TECHNICIEN SPÉCIALISÉ. NE PAS PERFORER LA TUBULURE CONTENANT LE FRIGORIGÈNE.

**CAUTION** – RISK OF FIRE OR EXPLOSION. FLAMMABLE REFRIGERANT USED. CONSULT REPAIR MANUAL/ OWNER'S GUIDE BEFORE ATTEMPTING TO SERVICE THIS PRODUCT. ALL SAFETY PRECAUTIONS MUST BE FOLLOWED.

**ATENCIÓN** – RIESGO DE INCENDIO O EXPLOSIÓN. REFRIGERANTE INFLAMABLE UTILIZADO. CONSULTE EL MANUAL DE REPARACIÓN / GUÍA DEL PROPIETARIO ANTES DE INTENTAR DAR SERVICIO A ESTE PRODUCTO. DEBEN CUMPLIR CON TODAS LAS PRECAUCIONES DE SEGURIDAD.

**ATTENTION** – RISQUE DE FEU OU D'EXPLOSION. LE FRIGORIGÈNE EST INFLAMMABLE. CONSULTER LE MANUEL DU PROPRIÉTAIRE/GUIDE DE RÉPARATION AVANT DE TENTER UNE RÉPARATION. TOUTES LES MESURES DE SÉCURITÉ DOIVENT ÊTRE RESPECTÉES.

**CAUTION** – RISK OF FIRE OR EXPLOSION DUE TO PUNCTURE OF REFRIGERANT TUBING; FOLLOW HANDLING INSTRUCTIONS CAREFULLY. FLAMMABLE REFRIGERANT USED.

**ATENCIÓN** – RIESGO DE INCENDIO O EXPLOSIÓN DEBIDO A LA PERFORACION DE LA TUBERÍA REFRIGERANTE; SIGA LAS INSTRUCCIONES DE MANIPULACIÓN CON CUIDADO. REFRIGERANTE INFLAMABLE UTILIZADO.

**ATTENTION** – RISQUE DE FEU OU D'EXPLOSION SI LA TUBULURE CONTENANT LE FRIGORIGÈNE EST PERFORÉE; SUIVRE LES INSTRUCTIONS DE MANUTENTION AVEC SOIN. LE FRIGORIGÈNE EST INFLAMMABLE.

**CAUTION** – RISK OF FIRE OR EXPLOSION DUE TO FLAMMABLE REFRIGERANT USED. FOLLOW HANDLING INSTRUCTIONS CAREFULLY IN COMPLIANCE WITH LOCAL GOVERNMENT REGULATIONS.

**ATENCIÓN** – RIESGO DE INCENDIO O EXPLOSIÓN DEBIDO A REFRIGERANTE INFLAMABLE UTILIZADO. SIGA LAS INSTRUCCIONES DE MANIPULACIÓN CON CUIDADO CONFORME A LAS REGLAS DE LA MUNICIPALIDAD.

**ATTENTION** – RISQUE DE FEU OU D'EXPLOSION SI LE FRIGORIGÈNE EST INFLAMMABLE. SUIVRE LES INSTRUCTIONS DE MANUTENTION AVEC SOIN CONFORMÉMENT AUX RÈGLEMENTATION GOUVERNEMENTALE LOCAUX.

## Structure & Parts

### SHELF

The height of the shelf is adjustable for various goods.

#### For adjustment:

1. Take out the shelf.
2. Move the shelf support to suitable height.
3. Put the shelf on the supports.

### AIR SUCTION\*

Never block the suction. Air is sucked in and cold air is circulated inside the refrigerator.

### GLASS DOOR

### AIR OUTLET\*

Never block the air outlet. Let inside circulating cold air flow out.

### DIGITAL CONTROLLER

Remove front panel to access the digital controller.



\*For optimal performance, DO NOT block air vents inside the cabinet. Blocked air vents will cause improper cabinet product temperatures.

## Installation

**This unit is intended for use in a temperature-controlled environment less than 75°F and 55% relative humidity.**

**IMPORTANT** – Please Read Before Installation:

- If the unit has recently been transported on its side, let the unit stand upright for a minimum of 24 hours before plugging it in.
- Make sure the unit has reached the desired temperature before loading the unit with products.
- Make sure that there is proper ventilation around the unit in the area where it will operate.
- Make sure all accessories are installed (i.e., shelves, shelf clips, casters) before plugging the unit in.
- Do not attempt to remove or repair any component of the unit. Consult an authorized service technician for servicing/repair.
- Do not hang on doors or sit inside the unit.
- Please read through the manual in its entirety.
- The unit should be located away from doors, air ducts, and fans that could disrupt airflow and negatively impact performance.

## Cabinet Location Guidelines

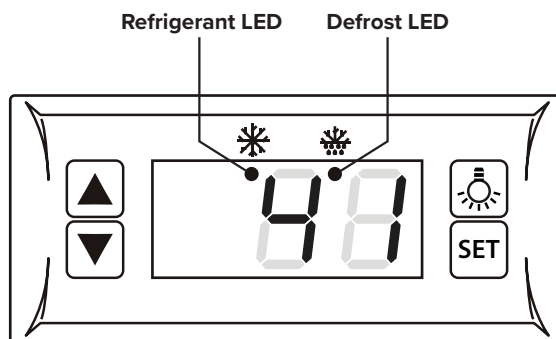
- Install the unit on a strong and level surface.
  - If the surface is uneven, the unit may be noisy.
  - The unit may malfunction if the surface is uneven.
- Install the unit in an indoor, well-ventilated area.
  - For best performance, please maintain clearance of 6" on the sides and the back of the unit at all times.
  - Outdoor use may cause decreased efficiency and damage to the unit.
  - Avoid direct sunlight.
- Avoid installation in a high humidity and/or dusty area.
  - Humidity above 60% can cause the unit to rust, collect condensation, and may decrease efficiency.
  - Dust collected on the condenser coil may cause the unit to malfunction.
- Select a location away from heat and moisture-generating equipment.
  - Ambient temperatures above 75°F may cause the compressor to malfunction.
  - For optimal performance, this unit should not be used in environments with ambient temperatures exceeding 75°F.
  - The unit should not be placed in areas with an ambient temperature over 90°F.
  - Equipment malfunctions due to ambient temperatures above 90°F could void the warranty.
  - Do not install this unit inside a closet or alcove.



## Use & Caution

Your new refrigerator is already factory set to run at optimum temperatures for food safety and should require no adjustments.

### Digital Temperature Controller



### Temperature Controller Operation

**NOTE:** The temperature controller is located behind the front panel. To access, carefully pop off the front panel. After making temperature adjustments, carefully put the front panel back on the unit.

- Set temperature:
  - Press **SET** button; the set temperature is displayed.
  - Press **▲** or **▼** to modify the displayed value.
  - Press **SET** button to exit the adjustment and display the unit's current temperature.
- If no additional buttons are pressed within 10 seconds, the unit's current temperature will be displayed.
- Lights: Press button to turn lights 'on' or 'off.'
  - Manual start/stop defrost: Press button and hold for 6 seconds to defrost or stop defrost.
- Refrigerant LED: When the compressor is running, the LED is on; when the refrigerator temperature is constant, the LED is off. During the delay start, the LED flashes.
- Defrost LED: During the defrost cycle, the LED is on; when it stops defrosting, the LED is off. During the delayed display of defrost, the LED flashes.

## Electrical

- Please ensure that the required voltage is being supplied at all times.
- The unit should be plugged into a grounded and properly sized electrical outlet with appropriate over-current protection. Please refer to the electrical requirements on the unit's nameplate.
- This unit should have its own dedicated outlet.

- Do not use extension cords.
- Ensure the unit is not resting on or against the electrical cord.
- If the unit is not in use for a long period of time, please unplug the unit from the outlet.
- To avoid shock and fire hazards, do not plug in or unplug the unit with wet hands.
- After unplugging the unit, wait at least 10 minutes before plugging it back in. Failure to do so could cause damage to the compressor.

## Defrost System

Refrigeration units contain an automatic defrost system. Refrigeration coils are kept below the freezing point (32 degrees Fahrenheit). During compressor downtime, the evaporator fan continues to circulate air through the evaporator coil. This air circulation raises the coil temperature above the freezing point, melting any accumulated frost. Run-off water is drained into the evaporator pan and evaporated.

## Safety / Warning

Please pay close attention to the safety notices in this section. Disregarding these notices may lead to serious injury and/or damage to the unit.

### Attention

- To minimize shock and fire hazards, be sure not to overload outlet. Please designate one outlet for your unit.
- Do not use extension cords.
- Do not put your hands under the unit while it is being moved.
- When the unit is not in use for a long period of time, please unplug the unit from the outlet.
- After unplugging the unit, wait at least 10 minutes before plugging it back in. Failure to do so could cause damage to the compressor.

### Unplug Cord

- To minimize shock and fire hazards, please do not plug or unplug the cord with wet hands.
- During maintenance and cleaning, please unplug the unit.

### Proper Grounding Required

- To minimize shock and fire hazards, make sure that the unit is properly grounded.

### Warning

- Do not attempt to remove or repair any component unless instructed by factory.
- Make sure that the unit is not resting on or against the electrical cord or plug.
- To minimize personal injury, do not hang on the doors.
- Do not store any flammable and explosive gas or liquids inside the unit.
- Do not attempt to alter or tamper with the electrical cord.

## Operation & Maintenance

**DISCONNECT POWER CORD BEFORE CLEANING ANY PARTS OF THE UNIT.**

**NOTE:** We strongly recommend that any servicing be performed by an authorized service technician.

### Loading Product

- Do not block the air vents.
- Ensure all shelves are sitting level and properly secured before loading products.
- Do not store flammable and explosive gas or liquids inside the unit.

### Cleaning the Fan Blades & Motor

- If necessary, clean the fan blades and motor with a soft cloth.
- If it is necessary to wash the fan blades, cover the fan motor to prevent moisture damage.

### Cleaning the Interior of the Unit

- When cleaning the cabinet interior, use a solvent of warm water and mild soap.
- Do not use steel wool, caustic soap, abrasive cleaners, or bleach that may damage the interior finish.
- Periodically remove the shelves and shelf brackets from the unit and clean them with a mild soap and warm water.

### Cleaning the Condenser Coil

- For efficient operation, keep the condenser surface free of dust, dirt, and lint.
- We recommend cleaning the condenser coil at least once per month.

### Condensor Coil Cleaning Instructions:

**A dusty condenser may lead to high energy consumption, less cooling effectiveness, and compressor damage.**

The condenser coil is located at the bottom behind the panel.

1. Disconnect the electrical power from the unit.
2. Remove the front cover and base cover with a screwdriver.
3. Using a soft brush and/or vacuum, remove the dirt, lint, etc. from the finned condenser coil in a vertical direction.
4. Clean the condenser with a commercial condenser coil cleaner, available from any kitchen equipment retailer. Ex. Noble Chemical Tech Line.
5. After cleaning, straighten any bent condenser fins with a fin comb.
6. When finished, be sure to reinstall the front cover and base cover.
7. Reconnect the electrical power to the unit.



## Troubleshooting

Problem	Possible Cause	Possible Solution
Compressor not running.	Fuse blown or circuit breaker tripped.	Replace fuse or reset circuit breaker.
	Power cord unplugged.	Plug in power cord.
	Thermostat set too high.	Set thermostat to lower temperature.
	Cabinet in defrost cycle.	Wait for defrost cycle to finish.
Condensing units run for long periods of time.	Excessive amount of warm product placed in cabinet.	Allow adequate time for product to cool down.
	Prolonged door opening or door ajar.	Ensure doors are closed when not in use. Avoid opening doors for long periods of time.
	Door gasket(s) not sealing properly.	Ensure gaskets are snapped in completely. Remove gasket and wash with soap and water. Check condition of gasket and replace if necessary.
	Dirty condenser coil.	Clean the condenser coil. (Page 8)
	Evaporator coil iced over.	Unplug unit and allow coil to defrost. Make sure thermostat is not set too cold. Ensure that door gasket(s) are sealing properly.
Cabinet temperature is too warm.	Thermostat set too warm.	Set thermostat to lower temperature.
	Airflow blocked.	Rearrange product to allow for proper airflow. Make sure the ducts are not blocked.
	Excessive amount of warm product placed in cabinet.	Allow adequate time for product to cool down.
	Fuse blown or circuit breaker tripped.	Ensure doors are closed when not in use. Avoid opening doors for long periods of time
	Dirty condenser coil.	Clean the condenser coil. (Page 8)
	Evaporator coil iced over.	Ensure doors are closed when not in use. Avoid opening doors for long periods of time.
	Low refrigerant levels.	Contact a service technician to check refrigerant levels.
	Door is slightly ajar.	Make sure door is completely closed.
Interior light is not working.	Poor switch connection.	Turn off light switch and turn it back on.
	Bulb is not connected.	Make sure the bulb is correctly inserted in the socket.
	Bulb has burned out.	Replace the bulb.
Condensation is collecting on the cabinet and/or floor.	Gasket is not sealing properly.	Clean, repair, or replace the gasket as necessary.
	Relative humidity is above 55%.	Move unit to area below relative humidity or lower humidity level.