



## Refrigerated Sushi Cases

**Models:** \_\_\_\_\_

360RSD46HC      360RSD60HC  
360RSD53HC      360RSD71HC

### Note:

Please read the manual thoroughly prior to equipment set-up, operation and maintenance.



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## 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.



## Installation

**Please read this manual thoroughly prior to equipment setup, operation, and maintenance.**

**This unit is intended for use in a temperature-controlled environment less than 75°F and 55% relative humidity. Malfunction due to improper conditions is not covered under warranty.**

**IMPORTANT** – Please Read Before Installation:

- If the unit has recently been transported on its side, please let the unit stand upright for a minimum of 24 hours before plugging it in.
- Make sure that 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.
- 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.

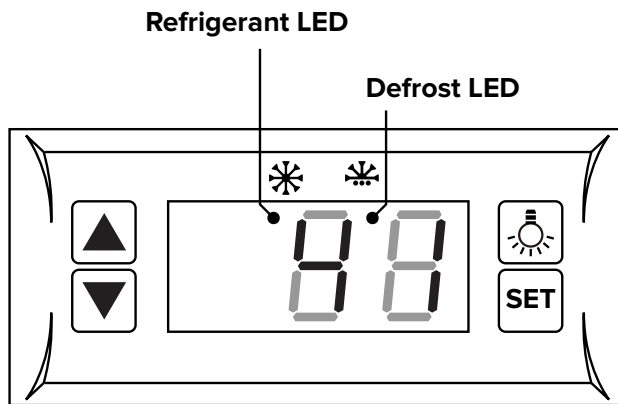
## Cabinet Location Guidelines

- Install the unit on strong and leveled surfaces.
  - 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 back of the unit.
  - Do not use outdoors. For indoor use only.
  - Avoid direct sunlight.
- Avoid installation in a high humidity and/or dusty area.
  - Humidity above 55% can cause the unit to rust, collect condensation, and may decrease efficiency.
  - Dust collected on the condenser coil will cause the unit to malfunction.
  - Malfunctions due to temperatures above 75 degrees Fahrenheit, humidity above 55%, or improperly maintained condenser coil will void the warranty.
- Select a location away from heat and moisture-generating equipment.
  - Ambient temperatures above 75 degrees Fahrenheit may cause the compressor to malfunction.
  - Malfunctions due to ambient temperatures above 75 degrees Fahrenheit will void the warranty.
  - Do not install the unit inside a closet or alcove.



## Use and Caution

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



1. 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.

2. If no more buttons are pressed within 10 seconds, the unit's current temperature will be displayed.

3. 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.

4. 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.

5. 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. NEVER USE AN ADAPTER PLUG! 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°F). 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 condensate pan.

## 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 and 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

### WARNING

DISCONNECT THE 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

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- Do not block the air vents.
- Do not store flammable and explosive gas or liquids inside the unit.

### Cleaning the Condenser Coil

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

### Cleaning the Fan Blades and Motor

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- 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

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- 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 pilasters from the unit and clean them with mild soap and warm water.



## Condenser Coil Cleaning Instructions:

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

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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 water product 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 the doors for long periods of time.  |
|   | Dirty condenser coil.                               | Clean the condenser coil.   |
|   | 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.                                    | Re-arrange product to allow for proper air flow. Make sure there is at least 4" of clearance from evaporator.                     |
|   | Excessive amount of warm product placed in cabinet. | Allow adequate time for product to cool down.   |
|   | Fuse blown or circuit breaker tripped.              | Replace fuse or reset circuit breaker.  |
|   | Dirty condenser coil.                               | Clean the condenser coil.   |
|   | 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. | Relative humidity is above 55%.                     | Move unit to area below relative humidity or lower humidity level.  |