



## ***Glass Door Merchandisers***

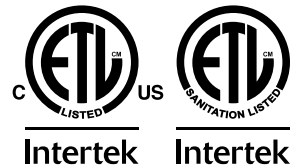
*Models RE-CN-0045-HC, 0009-HC, 0014-H, 0023-HC, 0023-H, 0052-HC,  
FR-CN-0012-HC, 0790-HC, 1250-HC, 0045-HC*

*Items 50032, 50033, 50035, 50036, 50037, 50052, 50029, 50030, 50031, 50075*

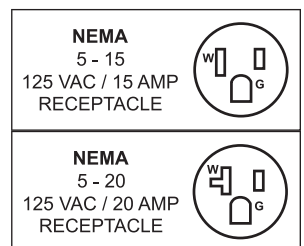
## ***Instruction Manual***



*Revised - 07/27/2021*



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## ***Disclaimer***

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***OMCAN IS NOT RESPONSIBLE FOR  
ANY DAMAGES DUE TO WATER LEAKS.  
WARRANTY FOR WATER LEAKS IS VOID  
IF THE AMBIENT ROOM TEMPERATURE  
EXCEEDS 75°F AND 55% RELATIVE HUMIDITY,  
AND THE APPLIANCE DRAIN IS NOT  
CONNECTED DIRECTLY TO A FLOOR DRAIN.***

# ***General Information***

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Omcan Manufacturing and Distributing Company Inc., Food Machinery of America, Inc. dba Omcan and Omcan Inc. are not responsible for any harm or injury caused due to any person's improper or negligent use of this equipment. The product shall only be operated by someone over the age of 18, of sound mind, and not under the influence of any drugs or alcohol, who has been trained in the correct operation of this machine, and is wearing authorized, proper safety clothing. Any modification to the machine voids any warranty, and may cause harm to individuals using the machine or in the vicinity of the machine while in operation.

## **CHECK PACKAGE UPON ARRIVAL**

Upon receipt of an Omcan shipment please inspect for external damage. If no damage is evident on the external packaging, open carton to ensure all ordered items are within the box, and there is no concealed damage to the machine. If the package has suffered rough handling, bumps or damage (visible or concealed), please note it on the bill of lading before accepting the delivery and contact Omcan within 24 hours, so we may initiate a claim with the carrier. A detailed report on the extent of the damage caused to the machine must be filled out within three days, from the delivery date shown in the shipping documents. Omcan has no recourse for damaged products that were shipped collect or third party.

**Before operating any equipment, always read and familiarize yourself with all operation and safety instructions.**

Omcan would like to thank you for purchasing this machine. It's of the utmost importance to save these instructions for future reference. Also save the original box and packaging for shipping the equipment if servicing or returning of the machine is required.

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Omcan Fabrication et distribution Compagnie Limitée et Food Machinery d'Amérique, dba Omcan et Omcan Inc. ne sont pas responsables de tout dommage ou blessure causé du fait que toute personne ait utilisé cet équipement de façon irrégulière. Le produit ne doit être exploité que par quelqu'un de plus de 18 ans, sain d'esprit, et pas sous l'influence d'une drogue ou d'alcool, qui a été formé pour utiliser cette machine correctement, et est vêtu de vêtements de sécurité appropriés. Toute modification de la machine annule toute garantie, et peut causer un préjudice à des personnes utilisant la machine ou des personnes à proximité de la machine pendant son fonctionnement.

## **VÉRIFIEZ LE COLIS DÈS RÉCEPTION**

Dès réception d'une expédition d'Omcan veuillez inspecter pour dommages externes. Si aucun dommage n'est visible sur l'emballage externe, ouvrez le carton afin de s'assurer que tous les éléments commandés sont dans la boîte, et il n'y a aucun dommage dissimulé à la machine. Si le colis n'a subi aucune mauvaises manipulations, de bosses ou de dommages (visible ou cachée), notez-le sur le bon de livraison avant d'accepter la livraison et contactez Omcan dans les 24 heures qui suivent, pour que nous puissions engager une réclamation auprès du transporteur. Un rapport détaillé sur l'étendue des dommages causés à la machine doit être rempli dans un délai de trois jours, à compter de la date de livraison indiquée dans les documents d'expédition. Omcan n'a aucun droit de recours pour les produits endommagés qui ont été expédiés ou cueilli par un tiers transporteur.

## ***General Information***

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**Avant d'utiliser n'importe quel équipement, toujours lire et vous familiariser avec toutes les opérations et les consignes de sécurité.**

**Omcan voudrais vous remercier d'avoir choisi cette machine. Il est primordial de conserver ces instructions pour une référence ultérieure. Également conservez la boîte originale et l'emballage pour l'expédition de l'équipement si l'entretien ou le retour de la machine est nécessaire.**

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**Omcan Empresa De Fabricacion Y Distribucion Inc. Y Maquinaria De Alimentos De America, Inc. dba Omcan y Omcan Inc. no son responsables de ningun daño o perjuicio causado por cualquier persona inadecuada o el uso descuidado de este equipo. El producto solo podra ser operado por una persona mayor de 18 años, en su sano juicio y no bajo alguna influencia de droga o alcohol, y que este ha sido entrenado en el correcto funcionamiento de esta máquina, y ésta usando ropa apropiada y autorizada. Cualquier modificación a la máquina anula la garantía y puede causar daños a las personas usando la máquina mientras esta en el funcionamiento.**

### **REVISE EL PAQUETE A SU LLEGADA**

Tras la recepcion de un envio Omcan favor inspeccionar daños externos. Si no hay daños evidentes en el empaque exterior, Habra el carton para asegurarse que todos los articulos solicitados estén dentro de la caja y no encuentre daños ocultos en la máquina. Si el paquete ha sufrido un manejo de poco cuidado, golpes o daños (visible o oculto) por favor anote en la factura antes de aceptar la entrega y contacte Omcan dentro de las 24 horas, de modo que podamos iniciar una reclamación con la compañía. Un informe detallado sobre los daños causados a la máquina debe ser llenado en el plazo de tres días, desde la fecha de entrega que se muestra en los documentos de envío. Omcan no tiene ningun recurso por productos dañados que se enviaron a recoger por terceros.

**Antes de utilizar cualquier equipo, siempre lea y familiarizarse con todas las instrucciones de funcionamiento y seguridad.**

**Omcan le gustaría darle las gracias por la compra de esta máquina. Es de la mayor importancia para salvar estas instrucciones para futuras consultas. Además, guarda la caja original y el embalaje para el envío del equipo si servicio técnico o devolución de la máquina que se requiere.**

## ***Safety and Warranty***

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- To minimize shock and fire hazards, be sure not to overload the outlet.
- To minimize electric shock and malfunction, do not spray the unit with water.
- To minimize fire hazards, do not use flammable spray products near the unit.
- After unplugging the unit, wait at least 6 minutes before re-plugging it. It may cause compressor failure if plugged in before 6 minutes waiting period.
- Cautions for cleaning:
  - Unplug the power cord before cleaning.

# ***Safety and Warranty***

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- Do not unplug-plug the power cord with wet hands.
- Do not use an abrasive cleaners, solvents or polishing agents on plastic parts. Doing so might cause cracking or discoloring.
- When it is not in use:
  - Unplug the power cord.
  - Wipe inside with dry cloth, and you may leave the door slightly open to eliminate moisture and odor.

**RESIDENTIAL USERS: Vendor assumes no liability for parts or labor coverage for component failure or other damages resulting from installation in non-commercial or residential applications. The right is reserved to deny shipment for residential usage; if this occurs, you will be notified as soon as possible.**

## **2 YEARS PARTS AND LABOUR / 5 YEARS PARTS ONLY ON COMPRESSOR WARRANTY**

Within the warranty period, contact Omcan Inc. at 1-800-465-0234 to schedule an Omcan authorized service technician to repair the equipment locally.

Unauthorized maintenance will void the warranty. Warranty covers electrical and part failures, not improper use.

Please see <https://omcan.com/disclaimer> for complete info.

### **WARNING:**

The packaging components are classified as normal solid urban waste and can therefore be disposed of without difficulty.

In any case, for suitable recycling, we suggest disposing of the products separately (differentiated waste) according to the current norms.

**DO NOT DISCARD ANY PACKAGING MATERIALS IN THE ENVIRONMENT!**

# Technical Specifications

## GLASS DOOR COOLERS

| Model                     | RE-CN-0045-HC                              | RE-CN-0009-HC                             | RE-CN-0014-H                                |
|---------------------------|--------------------------------------------|-------------------------------------------|---------------------------------------------|
| Temperature Range         | 0 - 5°C / 33 - 41°F                        |                                           |                                             |
| Max Ambient Temp Rating   | 32°C / 90°F                                |                                           |                                             |
| Power                     | 1/4 HP                                     | 1/5 HP                                    |                                             |
| Electrical                | 110V / 60Hz / 1                            |                                           | 115V / 60Hz / 1                             |
| Current                   | 4.3A                                       | 2.88A                                     |                                             |
| Refrigerant               | R290                                       |                                           |                                             |
| Cooling System            | Ventilated                                 |                                           |                                             |
| Number of Doors           | 2                                          | 1                                         |                                             |
| Number of Shelves         | 8                                          | 4                                         |                                             |
| Shelf Capacity            | 90 lbs. / 41 kgs.                          | 55.1 lbs. / 25 kgs.                       | 77 lbs. / 35 kgs.                           |
| Exterior Dimensions (WDH) | 53.3" x 32" x 83.8"<br>1353 x 813 x 2129mm | 21.8" x 21.8" x 63"<br>552 x 552 x 1600mm | 25.6" x 22.8" x 79.4"<br>650 x 579 x 2017mm |
| Interior Dimensions       | 50" x 28.5" x 62"<br>1270 x 724 x 1575mm   | 19" x 18" x 46"<br>483 x 457 x 1168mm     | 22.8" x 19.8" x 55"<br>579 x 503 x 1397mm   |
| Net Volume                | 1270 L / 45 cu. ft.                        | 258 L / 9.1 cu.ft.                        | 398 L / 14 cu. ft.                          |
| Weight                    | 441 lbs. / 200 kgs.                        | 161 lbs. / 73 kgs.                        | 220 lbs. / 99.8 kgs.                        |
| Item Number               | 50032                                      | 50033                                     | 50035                                       |

| Model                     | RE-CN-0023-HC                               | RE-CN-0023-H | RE-CN-0052-HC                                |
|---------------------------|---------------------------------------------|--------------|----------------------------------------------|
| Temperature Range         | 0 - 5°C / 33 - 41°F                         |              |                                              |
| Max Ambient Temp Rating   | 32°C / 90°F                                 |              |                                              |
| Power                     | 1/5 HP                                      |              | 3/4 HP                                       |
| Electrical                | 110V / 60Hz / 1                             |              |                                              |
| Current                   | 3A                                          |              | 10.7A                                        |
| Refrigerant               | R290                                        |              |                                              |
| Cooling System            | Ventilated                                  |              |                                              |
| Number of Doors           | 1                                           |              | 3                                            |
| Number of Shelves         | 4                                           | 5            | 12                                           |
| Shelf Capacity            | 90 lbs. / 41 kgs.                           |              |                                              |
| Exterior Dimensions (WDH) | 28.3" x 31.9" x 83.6"<br>719 x 810 x 2123mm |              | 78.3" x 29.9" x 84.6"<br>1988 x 759 x 2150mm |
| Interior Dimensions       | 25.2" x 28.3" x 62.3"<br>640 x 719 x 1582mm |              | 73.7" x 25.6" x 55.7"<br>1872 x 650 x 1415mm |
| Net Volume                | 648 L / 23 cu. ft.                          |              | 1501 L / 53 cu. ft.                          |
| Weight                    | 320 lbs. / 145.2 kgs.                       |              | 615 lbs. / 279 kgs.                          |
| Item Number               | 50036                                       | 50037        | 50052                                        |

# Technical Specifications

## GLASS DOOR FREEZERS

| Model                     | FR-CN-0012-HC                               | FR-CN-0790-HC                             | FR-CN-1250-HC                                |
|---------------------------|---------------------------------------------|-------------------------------------------|----------------------------------------------|
| Temperature Range         | -23 to -18°C / -10 to -0.4°F                |                                           |                                              |
| Max Ambient Temp Rating   | 32°C / 90°F                                 |                                           |                                              |
| Net Volume                | 368 L / 13 cu. ft.                          | 648 L / 23 cu. ft.                        | 821 L / 29 cu. ft.                           |
| Power                     | 3/4 HP                                      |                                           |                                              |
| Electrical                | 115V / 60Hz / 1                             |                                           | 110V / 60Hz / 1                              |
| Current                   | 8.8A                                        | 9.4A                                      |                                              |
| Refrigerant               | R290                                        |                                           |                                              |
| Cooling System            | Ventilated                                  |                                           |                                              |
| Number of Doors           | 1                                           |                                           | 2                                            |
| Number of Shelves         | 4                                           |                                           | 8                                            |
| Exterior Dimensions (WDH) | 27.2" x 26.2" x 80.3"<br>691 x 665 x 2040mm | 31" x 33" x 87"<br>790 x 845 x 2210mm     | 49.2" x 26.2" x 84.6"<br>1250 x 665 x 2149mm |
| Interior Dimensions       | 21.3" x 19.3" x 55"<br>541 x 490 x 1397mm   | 25.2" x 28.3" x 62"<br>640 x 720 x 1575mm | 43.3" x 19.3" x 55.1"<br>1100 x 490 x 1400mm |
| Weight                    | 374 lbs. / 170 kgs.                         | 506 lbs. / 230 kgs.                       | 397 lbs. / 180.1 kgs.                        |
| Item Number               | 50029                                       | 50030                                     | 50031                                        |

| Model                     | FR-CN-0045-HC                         |
|---------------------------|---------------------------------------|
| Temperature Range         | -23° to -18°C / -10° to -0.4°F        |
| Max Ambient Temp Rating   | 32°C / 90°F                           |
| Net Volume                | 1270 L / 45 cu. ft.                   |
| Power                     | 1 HP                                  |
| Electrical                | 115V / 60Hz / 1                       |
| Current                   | 9.2A                                  |
| Refrigerant               | R290                                  |
| Cooling System            | Ventilated                            |
| Number of Doors           | 2                                     |
| Number of Shelves         | 10                                    |
| Exterior Dimensions (WDH) | 53" x 32" x 79" / 1350 x 810 x 2015mm |
| Interior Dimensions       | 47" x 25" x 58" / 1204 x 635 x 1480mm |
| Weight                    | 573 lbs. / 260 kgs.                   |
| Item Number               | 50075                                 |

# ***Installation***

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## **IMPORTANT!!!PLEASE READ BEFORE INSTALLATION**

- The refrigeration system operates most efficiently when installed in an area with cool, dry air circulation.
- There must be at least 6 inches of clearance on both sides and the back of the cabinet.
- Select a location away from the heat and moisture generating equipment such as stoves, ovens, etc.
- Avoid direct sun rays.
- Be sure that the floor where you intend to install that unit is strong and level enough to support the total weight of the unit and its contents.
- To minimize shock and fire hazards, be sure that the unit is properly grounded. For your safety and protection, all units are equipped with a special three-prong grounding plug on the service cord.
- All units are designed for indoor use. Outdoor use may cause significant damage to the unit.

# ***Maintenance***

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- When loading the unit:
  - Be careful not to block the air duct located at the back and the fan on the ceiling of the unit with contents.
  - Blocking the air flow may cause decrease in performance.
  - For the best performance, maintain at least 4 inches of clearance between the contents and the air duct.
- Set the shelves that come with the unit to fit your needs.
- Temperature controller:
  - The controller is located at the right, front corner of the ceiling, or on the front bottom panel.
  - To adjust temperature please refer to the manual of temperature controller.
- Do not leave the unit door open for long period of time. For the most efficient operation, close the door immediately after the use.

## **ICE ACCUMULATION MAY OCCUR IN FREEZERS**

- Try to reduce the amount of time the freezer doors remain open to prevent ice accumulation.
- Keep door seals clean to prevent air leakage.
- Scrape off any ice accumulated or try manual defrost mode.

# Troubleshooting

| SYMPTOMS                             | POSSIBLE CAUSE                                                                                 |
|--------------------------------------|------------------------------------------------------------------------------------------------|
| Compressor will not start            | Check if the power cord has been plugged in.                                                   |
|                                      | Check for blown fuse.                                                                          |
| Poor Performance                     | Move the unit from direct sun light, and avoid installing heating devices near the unit.       |
|                                      | Install the unit in a well ventilated place with minimum of 6" clearance in the back.          |
|                                      | Check the condenser, and clean if heavy dust is collected.                                     |
|                                      | Check to see if contents are blocking the air duct.                                            |
|                                      | Check to see if refrigerant charge is low.                                                     |
|                                      | Make sure the door is completely closed.                                                       |
| No Interior Light                    | Turn off the light switch and turn it on again.                                                |
|                                      | Make sure the light is correctly inserted into the sockets.                                    |
|                                      | Check the light, and replace it if blown.                                                      |
| Unit Noisy                           | Make sure to install the unit on level surface.                                                |
|                                      | Make sure to maintain the minimum clearance of 6" from the wall.                               |
|                                      | Check for the loose parts or mounting.                                                         |
|                                      | Make sure the tubing is free from any contact to avoid tubing rattle.                          |
| Condensation on Cabinet and/or Floor | Reduce the relatively humidity in the area where the unit is installed.                        |
|                                      | Gasket on door or head section is not sealing properly. Repair or replace gasket as necessary. |

# Controller Instructions

Digital controller model: PJEZ for cooler



Dimensioni (mm) / Dimensions (mm)

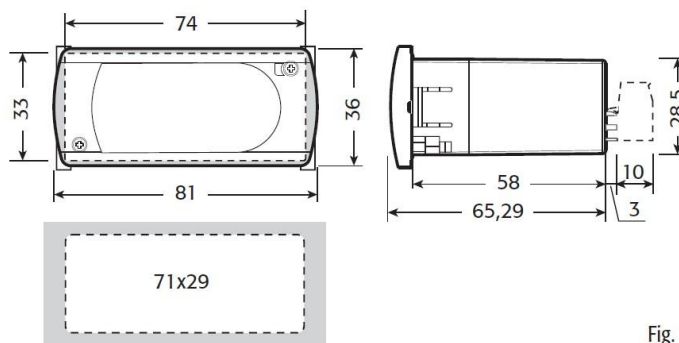


Fig. 1

## Display and functions

During normal operation, the controller displays the value of the probe set using parameter/4(=1 ambient probe, default, = 2 second probe, = 3 third probe). In addition, the display has LEDs that indicate the activation of the control functions (see Table 1), while the 3 buttons can be used to activate/deactivate some of the functions (see Table 2).

LED's and Associated Functions (Table 1)

| Icon                                                                                | Function   | Normal Operation                                 |                                                      |         | Start Up         |
|-------------------------------------------------------------------------------------|------------|--------------------------------------------------|------------------------------------------------------|---------|------------------|
|                                                                                     |            | ON                                               | OFF                                                  | Blink   |                  |
|  | Compressor | On                                               | Off                                                  | Request | ON               |
|  | Fan        | On                                               | Off                                                  | Request | ON               |
|  | Defrost    | On                                               | Off                                                  | Request | ON               |
| AUX                                                                                 | Aux        | Output On                                        | Output Off                                           | -       | ON               |
|  | Alarm      | All                                              | No Alarm                                             | -       | ON               |
|  | Clock      | RTC fitted and enabled, at least 1 time band set | RTC not fitted or disabled, not even 1 time band set | -       | ON if RTC fitted |

# Controller Instructions

**Table of Functions activated by the buttons - Models S, X, Y, C (Table 2)**

| Button                                                                            |                 | Normal Operation                                                                                                                              |                             | Start Up                                            |                                           |
|-----------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------------------------------|-------------------------------------------|
|                                                                                   |                 | Pressing the Button Alone                                                                                                                     | Pressed Together            |                                                     |                                           |
|  | Up<br>ON/OFF    | More than 3 sec: toggle ON/OFF                                                                                                                | Start/Stop continuous cycle | -                                                   |                                           |
|  | Down<br>Defrost | More than 3 sec: start/stop defrost                                                                                                           |                             | Pressed together<br>Start parameter reset procedure | For 1 sec.<br>display firmware vers. code |
|  | Set Mute        | - 1 sec.: display/set the set point.<br>- more than 3 secs.: access parameter setting menu (enter password )<br>- mute audible alarm (buzzer) | -                           |                                                     | For 1 sec.<br>RESET current EZY set       |

## Setting the set point (desired temperature)

- press **SET** for 1 sec, the set value will start flashing after a few moments;
- increase or decrease the value using **UP** or **DOWN**;
- press **SET** to confirm the new value.

## Switching the device ON/OFF

Press **UP** for more than 3 sec. The control and defrost algorithms are now disabled and the Instrument displays the message “OFF” alternating with the temperature read by the set probe.

## Manual defrost

Press for **DOWN** more than 3 sec (the defrost starts only the temperature conditions are valid).

## Continuous cycle

Press **UP** and **DOWN** together for more than 3 sec.

## Access and setting type F (frequent) and type C (configuration) parameters.

1. Press **SET** for 3 sec (the display will show “PS”).
2. • To access the type F and C parameter menu, enter the password “22” using **UP/DOWN**, press **SET** to confirm.  
• To access the F parameter menu only, press **SET** (without entering the password).
3. Scroll inside the parameter menu using **UP/DOWN**.

# Controller Instructions

- To display/set the values of the parameter displayed, press **SET**, then **UP/DOWN** and finally **SET** to confirm the changes (returning to the parameter menu).

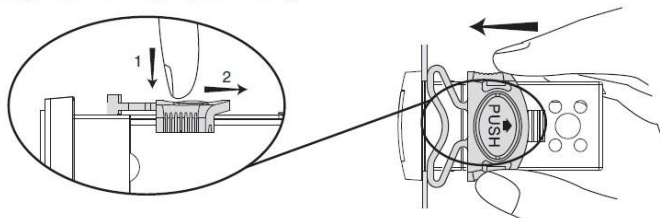
To save all the new values and exit the parameter menu, press **SET** for 3 s.

To exit the menu without saving the changed values (exit by timeout) do not press any button for at least 60 s.

## Digital controller model: IR33 for freezer

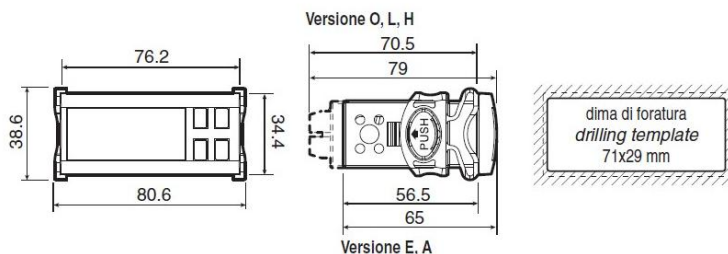


Montaggio a pannello ir33/ir33 panel mounting:



Montaggio a pannello mediante due staffe plastiche a scorrimento laterale  
Panel mounting by two lateral sliding plastic brackets

Dimensioni (mm) /Dimensions (mm)



## Signals on the display

The blinking status indicates a request for activation that cannot be implemented until the end of the Corresponding delay times.

| Icon                                                                                | Function   | ON                                                          | OFF                             | Blink                                                                                                 | Startup                       |
|-------------------------------------------------------------------------------------|------------|-------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------|
|  | Compressor | Compressor on                                               | Compressor off                  | Request                                                                                               |                               |
|  | Fan        | Fan on                                                      | Fan off                         | Request                                                                                               |                               |
|  | Defrost    | Defrost in progress                                         | Defrost not required            | Request                                                                                               |                               |
| AUX                                                                                 | Aux        | Auxiliary Output AUX active                                 | Auxiliary Output AUX not active | Anti-sweat heater function active                                                                     |                               |
|  | Alarm      | Delayed external alarm (before the expiry of the time 'A7') | No alarm present                | Alarms in normal operation (eg. high/low temp.) or alarm from ext. digital input immediate or delayed |                               |
|  | Clock      | At least one timed defrost has been set                     | No timed defrost is present     | Clock alarm                                                                                           | On if Real-Time Clock present |

# Controller Instructions

|                                                                                   |                  |                               |                                   |                                               |  |
|-----------------------------------------------------------------------------------|------------------|-------------------------------|-----------------------------------|-----------------------------------------------|--|
|  | Light            | Auxiliary output light active | Auxiliary output light not active | Anti-sweat heater function active             |  |
|  | Service          |                               | No malfunction                    | Malfunction (eg. EEPROM error or probe fault) |  |
| HACCP                                                                             | HACCP            | HACCP function                | HACCP function enabled            | HACCP alarm (HA and/or HF) not enabled        |  |
|  | Continuous Cycle | Enabled                       | Not enabled                       | Request                                       |  |

## Setting the set point (desired temperature value)

To display or set the set point, proceed as follow:

1. press the “Set” button for more than 1 second to display the set point;
2. increase or decrease the value of the set point, using the “ ” and “ ” respectively, until reaching the desired value;
3. press the “Set” button again to confirm the new value,

## Alarms with manual reset

The alarms with manual reset can be reset by pressing the “ ” and “ ” for more than 5 sec.

## Manual defrost

As well as the automatic defrost function, a manual defrost can be enabled, if the temperature conditions allow, by pressing the “ ” button for more than 5 sec.

## Continuous cycle

Pressing the buttons “ ” and “ ” simultaneously for more than 5 seconds enables the continuous cycle function. During operation in continuous cycle, the compressor continues to operate for the time “cc” and it stops when it reaches the “cc” time out or the minimum temperature has been reached (AL = minimum temperature alarm threshold). Continuous cycle setting: “cc” parameter (continuous cycle duration): “cc”=0 never active; “c6” parameter (by passing the alarm after the continuous cycle): “cc” = 0 never active; it avoid or delays the low temperature alarm after the continuous cycle.

## Accessing the configuration parameter (type C)

1. Pressing the “ ” and “Set” buttons at the same time for more than 5 sec, the display will show “00”(password prompt).
2. Use the “ ” or “ ” buttons to display the number “22” (parameter access password).
3. Confirm by pressing “Set”.
4. The display will show the first modifiable “C” parameter.

# Controller Instructions

## Accessing the configuration parameter (type F)

1. Hold the "**Prg**" button for more than 5 s (if there are active alarms, first mute the buzzer), the display will show the first modifiable "F" parameter.

## Modifying the parameters

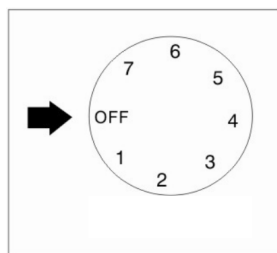
After having displayed the parameter, either type "C" or type "F", proceed as follows:

1. Use the "**▲**" or "**▼**" buttons to scroll the parameters, until reaching the parameter to be modified; when scrolling the parameters, an icon is shown on the display that represents the category of the parameter.
2. Alternatively, press the "**Prg**" button to display a menu that can be used to quickly access the family of parameters to be modified.
3. Scrolling the menu using the "**▲**" and "**▼**" buttons displays the codes of the various categories of parameter, accompanied by the corresponding icon on the display(if present).
4. Once having reached the desired category, press "**Set**" to go directly to the first parameter in the chosen category(if no parameter is visible, pressing the "**Set**" button will have no effect).
5. At this stage, modify the parameters or return to the "Category" menu, using the "**Prg**" button.
6. Press "**Set**" to display the value associated with the parameter.
7. Increase or decrease the value using the "**▲**" or "**▼**" buttons respectively.
8. Press "**Set**" to temporarily save the new value and return to the display of the parameter.
9. Repeat the operation from point 1 or point 2.
10. If the parameter has sub-parameters, press "**Set**" to display the first sub-parameter.
11. Press the "**▲**" or "**▼**" button to display all the sub-parameters.
12. Press "**Set**" to display the associated value.
13. Increase or decrease the value using the "**▲**" or "**▼**" button respectively.
14. Press "**Set**" to temporarily save the new value and return to the display of the sub-parameter code.
15. Press "**Prg**" to return to the display of the parent parameter.

## Saving the new values assigned to the parameters

To definitely save the new values of the modified parameters, press the "**Prg**" button for more than 5 seconds, thus exiting the parameter setting procedure. All the modification made to the parameters temporarily saved in the RAM, can be cancelled and "normal operation" resumed by not pressing any button for 60 seconds, thus allowing the parameter setting session to expire due to timeout if the Instrument is switched off before pressing the "**Prg**" button, all the modifications made to the parameters and temporarily saved will be lost.

## Mechanical Controller Instructions



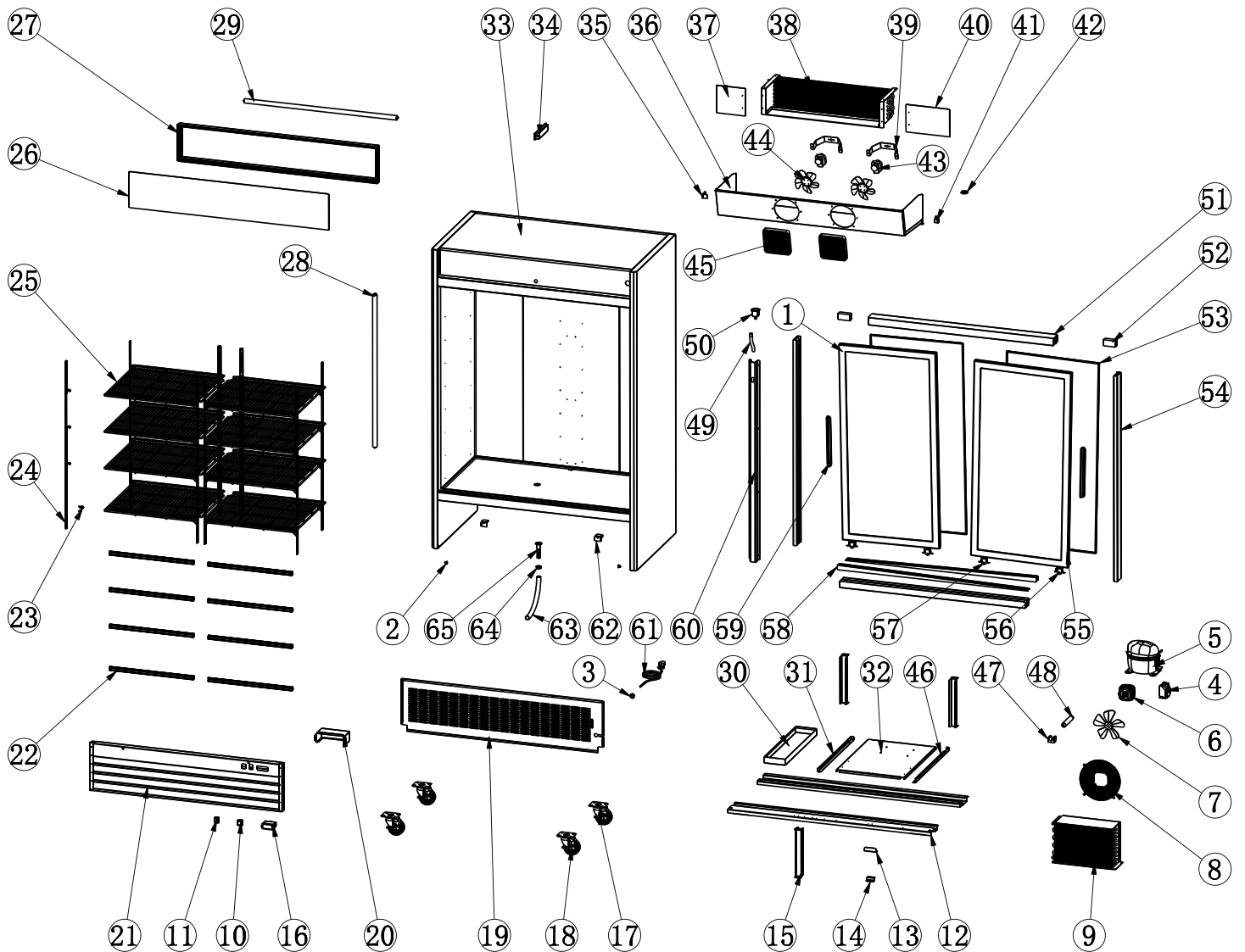
OFF: shut the compressor off

Temperature range from 7 (coldest) to 1 (warmest).

**CAUTION:** Setting the temperature control to the coldest setting may cause the evaporator coil to freeze and ice up. This will eventually result in a warmer cabinet temperature.

# Parts Breakdown

Model RE-CN-0045-HC 50032



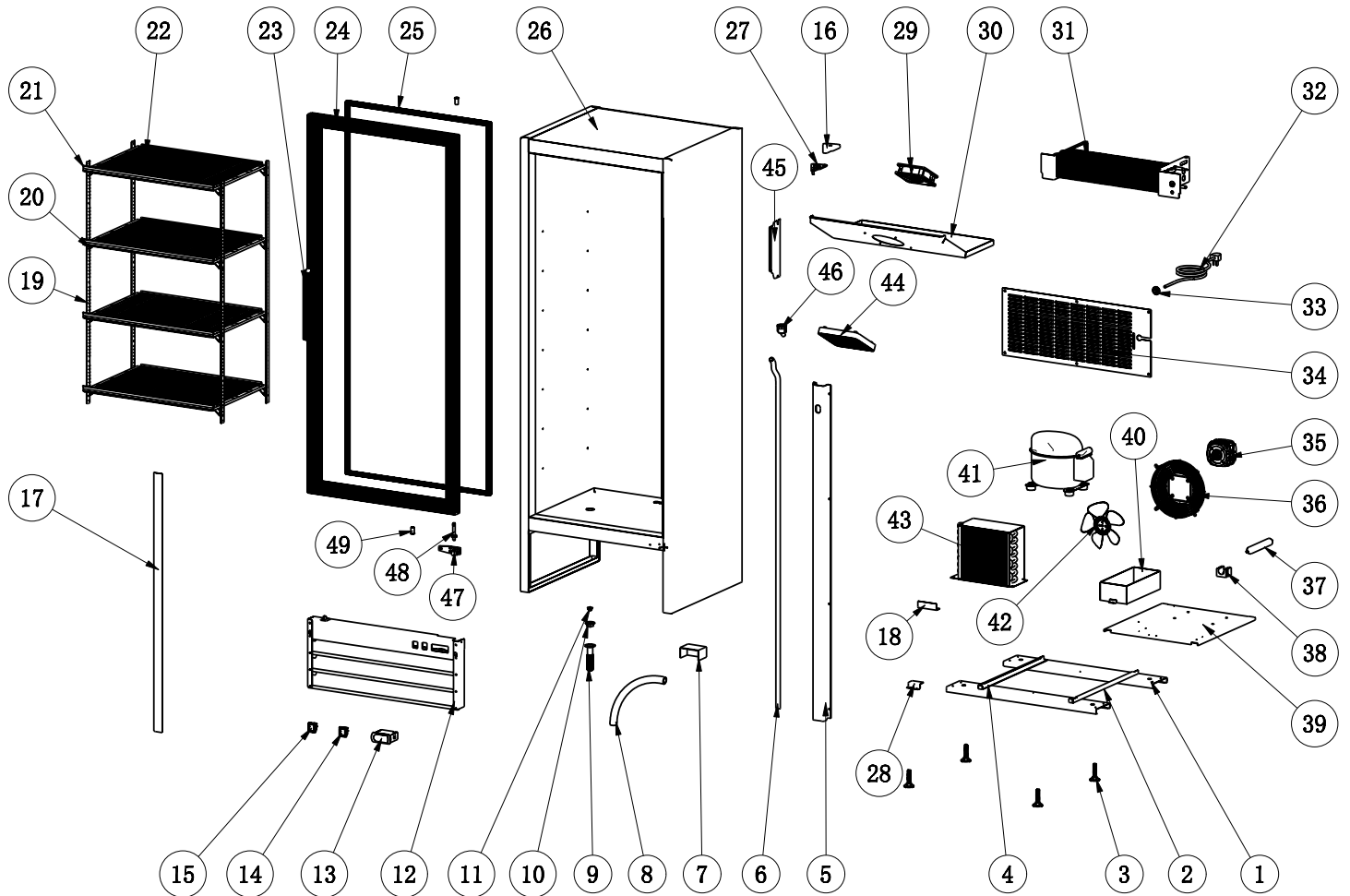
# Parts Breakdown

## Model RE-CN-0045-HC 50032

| Item No. | Description                                    | Position | Item No. | Description                                         | Position | Item No. | Description                             | Position |
|----------|------------------------------------------------|----------|----------|-----------------------------------------------------|----------|----------|-----------------------------------------|----------|
| AA766    | Left Glass Door for 50032                      | 1        | AA809    | K Strip for 50032                                   | 24       | AB595    | Filter Fixer for 50032                  | 47       |
| AA767    | Front Grill Fixer for 50032                    | 2        | AA779    | Shelf for 50032                                     | 25       | AB594    | Filter for 50032                        | 48       |
| AA703    | Power Cord Cover for 50032                     | 3        | AA780    | Light Plate for 50032                               | 26       | AA528    | Drain Hose for 50032                    | 49       |
| AE876    | Compressor for 50032                           | 5        | AA781    | Light Box for 50032                                 | 27       | AA712    | Inner Drain Tube Connector for 50032    | 50       |
| AA247    | Condenser Fan Motor for 50032                  | 6        | AA722    | LED Light for 50032                                 | 28       | AA796    | Upper Cabinet Frame for 50032           | 51       |
| AA764    | Condenser Fan Motor Blade for 50032            | 7        | AA782    | LED Light in Light Box for 50032                    | 29       | AG050    | Bottom Cabinet Frame for 50032          | 51       |
| AA249    | Condenser Fan Motor Cover for 50032            | 8        | AB959    | Outer Drain Pan for 50032                           | 30       | AA797    | Rubber Limited Block for 50032          | 52       |
| AA770    | Condenser for 50032                            | 9        | AE892    | Left Rail for Installation Board for 50032          | 31       | AA798    | Seal Strip for 50032                    | 53       |
| AA362    | LED Light Switch for 50032                     | 10       | AE893    | Installation Board for 50032                        | 32       | AG051    | Left/Right Cabinet Frame for 50032      | 54       |
| AA124    | Power Switch for 50032                         | 11       | AA787    | LED Power Supply for 50032                          | 34       | AA800    | Right Glass Door for 50032              | 55       |
| AE878    | Caster Supporter for 50032                     | 12       | AB962    | Left Bracket for Evaporator Fan Cover for 50032     | 35       | AA801    | Bigger Wheel for Door for 50032         | 56       |
| AB974    | Handle for Installation Board for 50032        | 13       | AE886    | Evaporator Cover for 50032                          | 36       | AA802    | Smaller Wheel for Door for 50032        | 57       |
| AB973    | Limited Block for Installation Board for 50032 | 14       | AE887    | Left End Plate for Evaporator for 50032             | 37       | AG052    | Door Track for 50032                    | 58       |
| AE879    | Support Rod for 50032                          | 15       | AA791    | Evaporator for 50032                                | 38       | 62363    | Door Handle for 50032                   | 59       |
| AB109    | Thermostat for 50032                           | 16       | AA757    | Evaporator Fan Motor Bracket for 50032              | 39       | AE891    | Air Pipe Protection Board for 50032     | 60       |
| 26247    | Caster without Brake for 50032                 | 17       | AE888    | Right End Plate for Evaporator for 50032            | 40       | AA805    | Power Cord for 50032                    | 61       |
| 26246    | Caster with Brake for 50032                    | 18       | AA793    | Right Bracket for Evaporator Fan Cover for 50032    | 41       | AG053    | Grill Fixer for 50032                   | 62       |
| AE881    | Back Grill for 50032                           | 19       | AA794    | Power Cord Cover for 50032                          | 42       | AA216    | Drain Tube for 50032                    | 63       |
| AA214    | Thermostat Water Proof Cover for 50032         | 20       | 68809    | Evaporator Fan Motor EM3020-28-C04 / 110V for 50032 | 43       | AA687    | Drain Pipe Cover for 50032              | 64       |
| AG049    | Front Grill for 50032                          | 21       | 61219    | Evaporator Fan Blade V154/22 for 50032              | 44       | AA686    | Plastic Drain Pipe with Fixer for 50032 | 65       |
| AA777    | Shelf Tag for 50032                            | 22       | AA710    | Evaporator Fan Motor Cover for 50032                | 45       |          |                                         |          |
| 26884    | K Clip for 50032                               | 23       | AE894    | Right Rail for Installation Board for 50032         | 46       |          |                                         |          |

# Parts Breakdown

Model RE-CN-0009-HC 50033



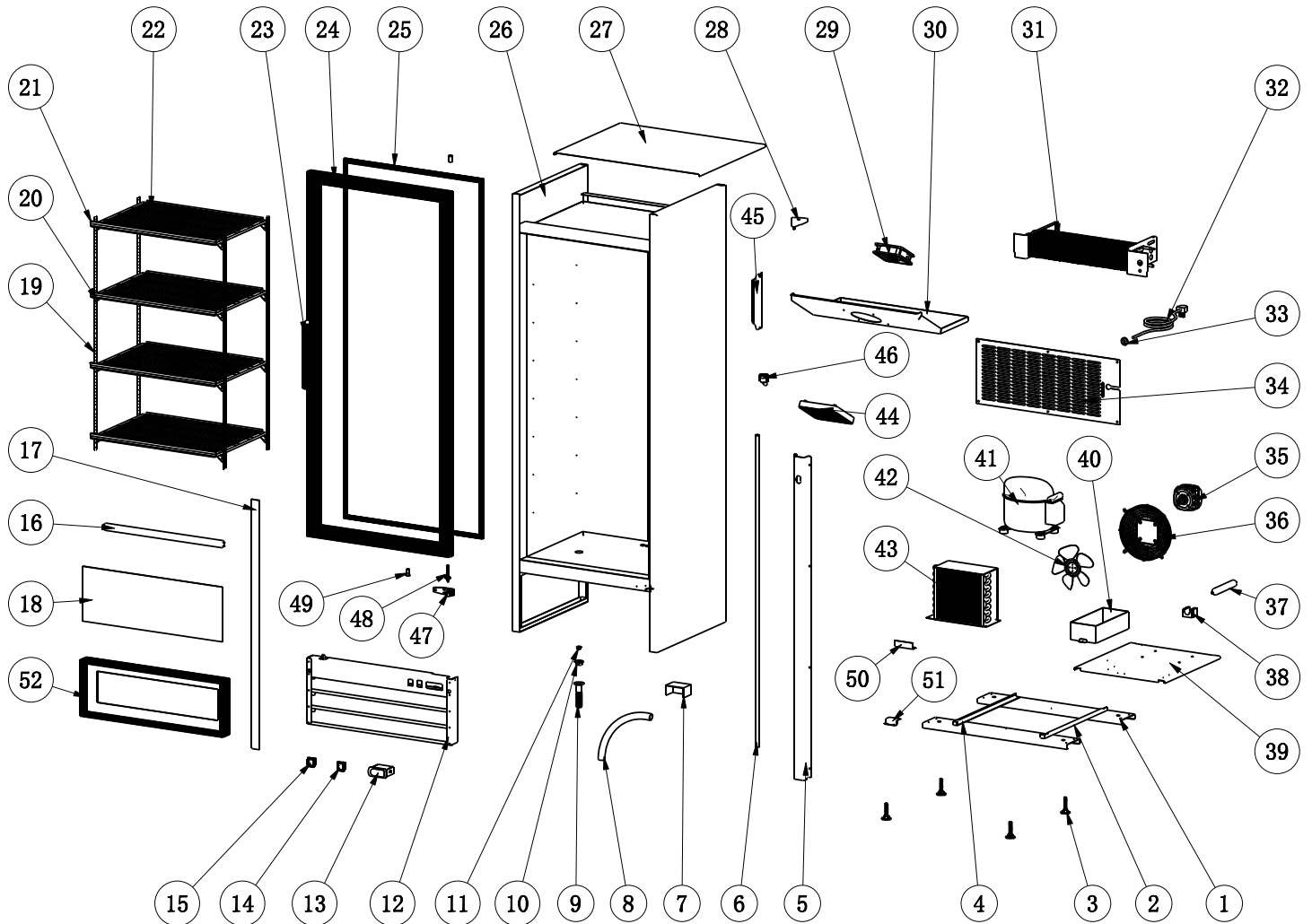
# Parts Breakdown

## Model RE-CN-0009-HC 50033

| Item No. | Description                                  | Position | Item No. | Description                                    | Position | Item No. | Description                                  | Position |
|----------|----------------------------------------------|----------|----------|------------------------------------------------|----------|----------|----------------------------------------------|----------|
| AE895    | Castor Supporter for 50033                   | 1        | AB974    | Handle for Installation Board for 50033        | 18       | AA705    | Condenser Fan Motor for 50033                | 35       |
| AE896    | Right Track for Installation Board for 50033 | 2        | AE900    | K Strip for 50033                              | 19       | AA207    | Condenser Fan Motor Cover for 50033          | 36       |
| AA185    | Leveling Feet for 50033                      | 3        | 26884    | K Clip for 50033                               | 20       | AB594    | Filter for 50033                             | 37       |
| AE897    | Left Track for Installation Board for 50033  | 4        | AA693    | Shelf Tag for 50033                            | 21       | AB595    | Filter Fixer for 50033                       | 38       |
| AE898    | Back Plate for 50033                         | 5        | AA694    | Shelf for 50033                                | 22       | AE904    | Compressor Unit Installation Board for 50033 | 39       |
| AA528    | Drain Hose for 50033                         | 6        | AA695    | Glass Door Handle for 50033                    | 23       | AE905    | Outer Drain Pan for 50033                    | 40       |
| AA214    | Thermostat Water Proof Cover for 50033       | 7        | AA696    | Glass Door for 50033                           | 24       | AE906    | Compressor for 50033                         | 41       |
| AA216    | Drain Tube for 50033                         | 8        | AA697    | Glass Door Gasket for 50033                    | 25       | AA208    | Condenser Fan Blade for 50033                | 42       |
| AA686    | Plastic Drain Pipe with Fixer for 50033      | 9, 10    | AA699    | Upper Right Hinge Holder for 50033             | 27       | AA709    | Condenser for 50033                          | 43       |
| AA687    | Drain Pipe Cover for 50033                   | 11       | AB973    | Limited Block for Installation Board for 50033 | 28       | AA710    | Evaporator Fan Motor Cover for 50033         | 44       |
| AE899    | Front Grille for 50033                       | 12       | AE901    | Evaporator Fan Motor for 50033                 | 29       | AA711    | LED Power Supply for 50033                   | 45       |
| AB109    | Thermostat for 50033                         | 13       | AE902    | Evaporator Cover for 50033                     | 30       | AA712    | Inner Drain Tube Connector for 50033         | 46       |
| AA362    | LED Light Switch for 50033                   | 14       | AA702    | Evaporator for 50033                           | 31       | AA713    | Bottom Right Hinge Holder for 50033          | 47       |
| AA124    | Power Switch for 50033                       | 15       | AA135    | Power Cord for 50033                           | 32       | AA714    | Hinge Axis for 50033                         | 48       |
| AA689    | Upper Hinge Cover for 50033                  | 16       | AA703    | Power Cord Cover for 50033                     | 33       | AA715    | Axis Cover for 50033                         | 49       |
| AA690    | LED Light for 50033                          | 17       | AE903    | Back Grill for 50033                           | 34       |          |                                              |          |

# Parts Breakdown

**Model RE-CN-0014-H** 50035



# Parts Breakdown

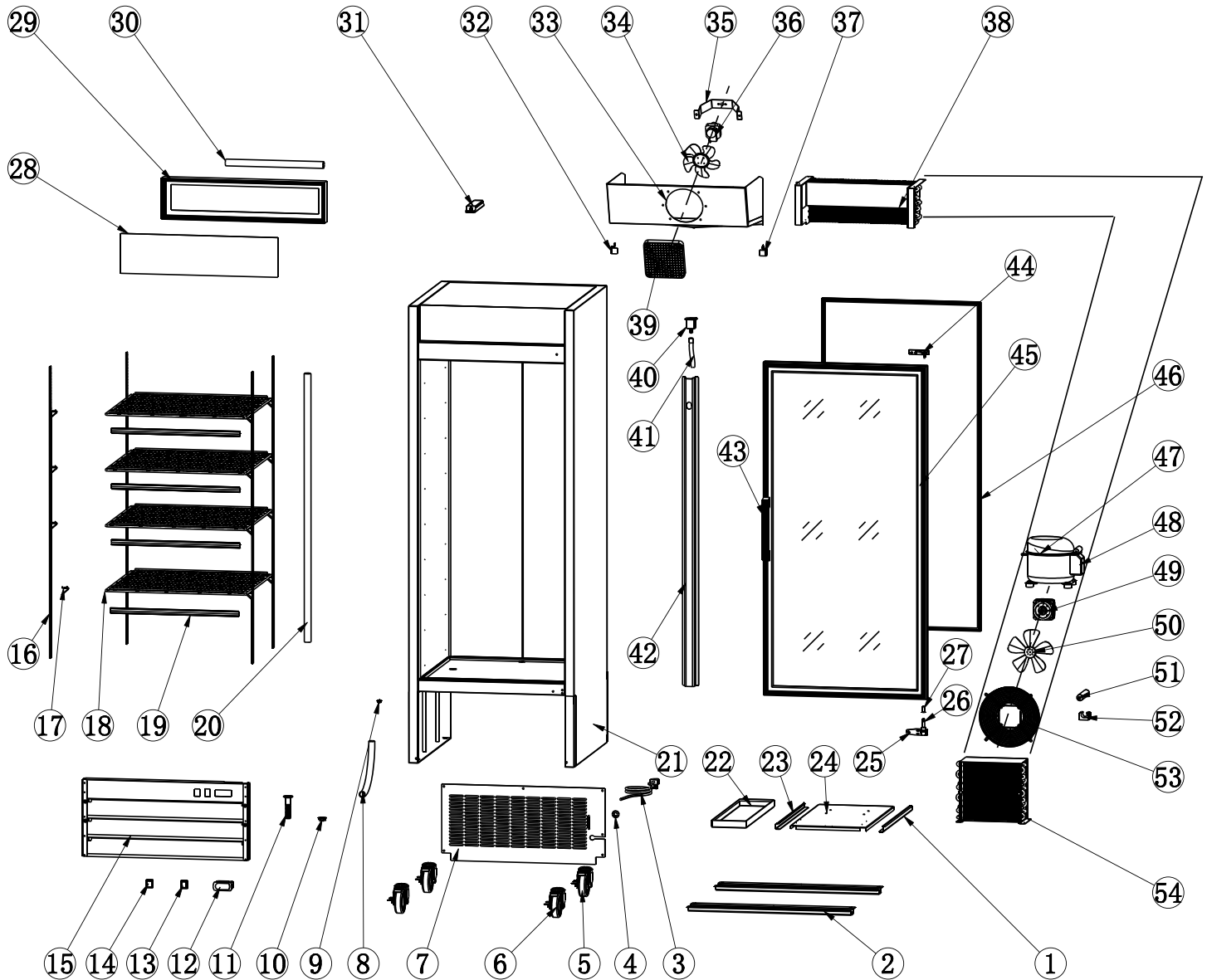
## Model RE-CN-0014-H 50035

| Item No. | Description                                  | Position | Item No. | Description                         | Position | Item No. | Description                                    | Position |
|----------|----------------------------------------------|----------|----------|-------------------------------------|----------|----------|------------------------------------------------|----------|
| AE907    | Castor Supporter for 50035                   | 1        | AE911    | K Strip for 50035                   | 19       | AB594    | Filter for 50035                               | 37       |
| AE896    | Right Track for Installation Board for 50035 | 2        | 26884    | K Clip for 50035                    | 20       | AB595    | Filter Fixer for 50035                         | 38       |
| AA185    | Leveling Feet for 50035                      | 3        | AA725    | Shelf Tag for 50035                 | 21       | AE904    | Compressor Unit Installation Board for 50035   | 39       |
| AE897    | Left Track for Installation Board for 50035  | 4        | AA726    | Shelf for 50035                     | 22       | AE905    | Outer Drain Pan for 50035                      | 40       |
| AE908    | Air Pipe Protection Board for 50035          | 5        | AA695    | Glass Door Handle for 50035         | 23       | AE906    | Compressor for 50035                           | 41       |
| AA528    | Drain Hose for 50035                         | 6        | AA727    | Glass Door for 50035                | 24       | AA208    | Condenser Fan Blade for 50035                  | 42       |
| AA214    | Thermostat Water Proof Cover for 50035       | 7        | AA728    | Glass Door Gasket for 50035         | 25       | AA709    | Condenser for 50035                            | 43       |
| AA216    | Drain Tube for 50035                         | 8        | AE912    | Top Cover for 50035                 | 27       | AA710    | Evaporator Fan Motor Cover for 50035           | 44       |
| AA686    | Plastic Drain Pipe with Fixer for 50035      | 9, 10    | AB966    | Upper Right Hinge Holder for 50035  | 28       | AA711    | LED Power Supply for 50035                     | 45       |
| AA687    | Drain Pipe Cover for 50035                   | 11       | AE901    | Evaporator Fan Motor for 50035      | 29       | AA712    | Inner Drain Tube Connector for 50035           | 46       |
| AE909    | Front Grille for 50035                       | 12       | AE913    | Evaporator Cover for 50035          | 30       | AA713    | Bottom Right Hinge Holder for 50035            | 47       |
| AB109    | Thermostat for 50035                         | 13       | AA733    | Evaporator for 50035                | 31       | AA714    | Hinge Axis for 50035                           | 48       |
| AA362    | LED Light Switch for 50035                   | 14       | AA135    | Power Cord for 50035                | 32       | AA715    | Axis Cover for 50035                           | 49       |
| AA124    | Power Switch for 50035                       | 15       | AA703    | Power Cord Cover for 50035          | 33       | AB974    | Handle for Installation Board for 50035        | 50       |
| AE910    | LED in Light Box for 50035                   | 16       | AE914    | Back Grill for 50035                | 34       | AB973    | Limited Block for Installation Board for 50035 | 51       |
| AA722    | LED Light for 50035                          | 17       | AA705    | Condenser Fan Motor for 50035       | 35       | AA740    | Light Box Frame for 50035                      | 52       |
| AA723    | Handle of Installation Board for 50035       | 18       | AA207    | Condenser Fan Motor Cover for 50035 | 36       |          |                                                |          |

# Parts Breakdown

**Model RE-CN-0023-HC** 50036

**Model RE-CN-0023-H** 50037



# Parts Breakdown

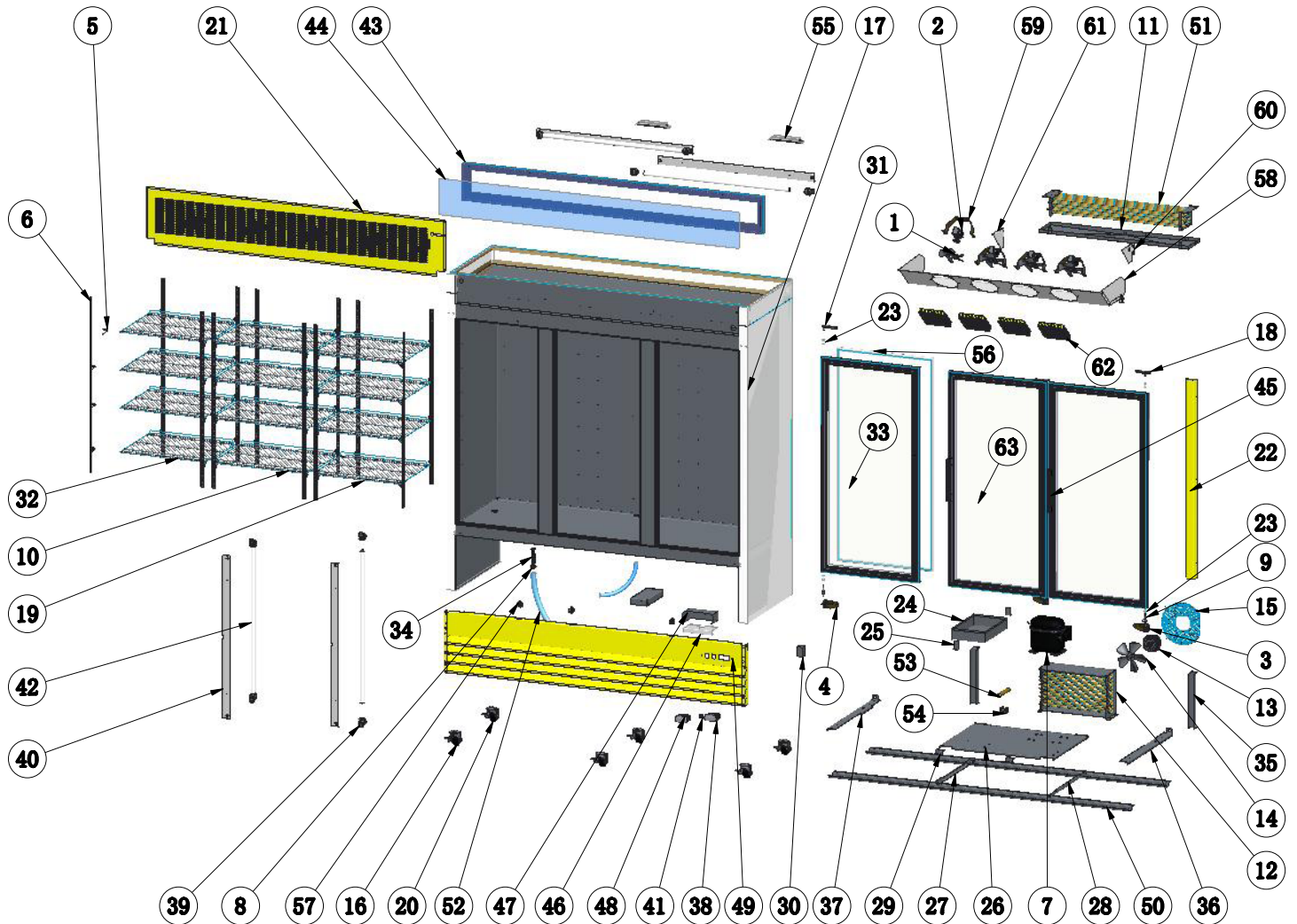
**Model RE-CN-0023-HC** 50036

**Model RE-CN-0023-H** 50037

| Item No. | Description                                         | Position | Item No. | Description                                                | Position | Item No. | Description                                             | Position |
|----------|-----------------------------------------------------|----------|----------|------------------------------------------------------------|----------|----------|---------------------------------------------------------|----------|
| AB953    | Right Track for Installation Board for 50036, 50037 | 1        | AA748    | Shelf Tag for 50036, 50037                                 | 19       | AA793    | Right Bracket for Evaporator Fan Cover for 50036, 50037 | 37       |
| AB954    | Castor Supporter for 50036, 50037                   | 2        | AA722    | LED Light for 50036, 50037                                 | 20       | AA759    | Evaporator for 50036, 50037                             | 38       |
| AA135    | Power Cord for 50036, 50037                         | 3        | AB959    | Outer Drain Pan for 50036, 50037                           | 22       | AA710    | Evaporator Fan Motor Cover for 50036, 50037             | 39       |
| AA703    | Power Cord Cover for 50036, 50037                   | 4        | AB960    | Left Track for Installation Board for 50036, 50037         | 23       | AA712    | Inner Drain Tube Connector for 50036, 50037             | 40       |
| 26247    | Caster without Brake for 50036, 50037               | 5        | AB961    | Compressor Unit Installation Board for 50036, 50037        | 24       | AA528    | Drain Hose for 50036, 50037                             | 41       |
| 26246    | Caster with Brake for 50036, 50037                  | 6        | AA713    | Bottom Right Hinge Holder for 50036, 50037                 | 25       | AB965    | Air Pipe Protection Board for 50036, 50037              | 42       |
| AA898    | Back Grill for 50036, 50037                         | 7        | AA714    | Hinge Axis for 50036, 50037                                | 26       | AA695    | Glass Door Handle for 50036, 50037                      | 43       |
| AA216    | Drain Tube for 50036, 50037                         | 8        | AA715    | Axis Cover for 50036, 50037                                | 27       | AB966    | Upper Right Hinge Holder for 50036, 50037               | 44       |
| AA687    | Drain Pipe Cover for 50036, 50037                   | 9        | AA753    | Light Box Plate for 50036, 50037                           | 28       | AA761    | Glass Door for 50036, 50037                             | 45       |
| AA686    | Plastic Drain Pipe with Fixer for 50036, 50037      | 10, 11   | AA754    | Light Box Frame for 50036, 50037                           | 29       | AA762    | Gasket for 50036, 50037                                 | 46       |
| AB109    | Thermostat for 50036, 50037                         | 12       | AA721    | LED in Light Box for 50036, 50037                          | 30       | AE906    | Compressor for 50036, 50037                             | 47       |
| AA362    | LED Light Switch for 50036, 50037                   | 13       | AA711    | LED Power Supply for 50036, 50037                          | 31       | AA247    | Condenser Fan Motor for 50036, 50037                    | 49       |
| AA124    | Power Switch for 50036, 50037                       | 14       | AB962    | Left Bracket for Evaporator Fan Cover for 50036, 50037     | 32       | AA764    | Condenser Fan Motor Blade for 50036, 50037              | 50       |
| AB956    | Front Grille for 50036, 50037                       | 15       | AB963    | Evaporator Cover for 50036, 50037                          | 33       | AB594    | Filter for 50036, 50037                                 | 51       |
| AA809    | K Strip for 50036, 50037                            | 16       | 61219    | Evaporator Fan Blade V154/22 for 50036, 50037              | 34       | AB595    | Filter Fixer for 50036, 50037                           | 52       |
| 26884    | K Clip for 50036, 50037                             | 17       | AA757    | Evaporator Fan Motor Bracket for 50036, 50037              | 35       | AA249    | Condenser Fan Motor Cover for 50036, 50037              | 53       |
| AA747    | Shelf for 50036, 50037                              | 18       | 68809    | Evaporator Fan Motor EM3020-28-C04 / 110V for 50036, 50037 | 36       | AA250    | Condenser for 50036, 50037                              | 54       |

# Parts Breakdown

Model RE-CN-0052-HC 50052



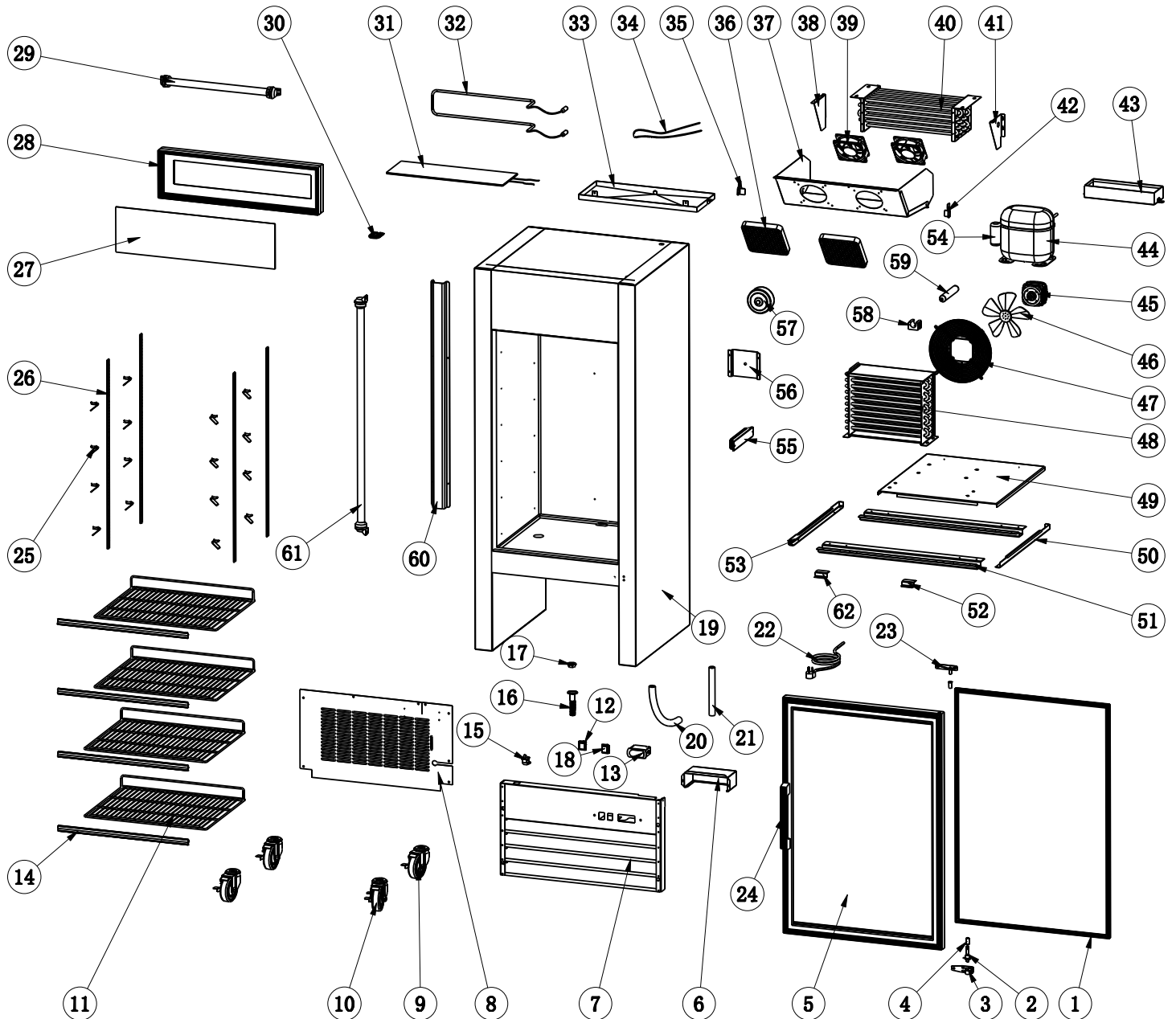
# Parts Breakdown

## Model RE-CN-0052-HC 50052

| Item No. | Description                                         | Position | Item No. | Description                                    | Position | Item No. | Description                              | Position |
|----------|-----------------------------------------------------|----------|----------|------------------------------------------------|----------|----------|------------------------------------------|----------|
| 61219    | Evaporator Fan Blade V154/22 for 50052              | 1        | AE919    | Air Pipe Protection Board for 50052            | 22       | AA837    | Light Box Plate for 50052                | 44       |
| 68809    | Evaporator Fan Motor EM3020-28-C04 / 110V for 50052 | 2        | AA715    | Axis Cover for 50052                           | 23       | AA695    | Glass Door Handle for 50052              | 45       |
| AA807    | Bottom Right Hinge Holder for 50052                 | 3        | AB970    | Outer Drain Pan for 50052                      | 24       | AE926    | Thermostat Installation Plate for 50052  | 46       |
| AA808    | Bottom Left Hinge Holder for 50052                  | 4        | AB973    | Limited Block for Installation Board for 50052 | 25, 29   | AB975    | Waterproof Cover of Thermostat for 50052 | 47       |
| 26884    | K Clip for 50052                                    | 5        | AE920    | Installation Board for 50052                   | 26       | AA124    | Power Switch for 50052                   | 48       |
| AA809    | K Strip for 50052                                   | 6        | AE894    | Right Rail for Installation Board for 50052    | 27       | AE927    | Front Grill for 50052                    | 49       |
| AE915    | Compressor (T6217Z) for 50052                       | 7        | AE892    | Left Rail for Installation Board for 50052     | 28       | AE928    | Caster Supporter for 50052               | 50       |
| AA687    | Drain Pipe Cover for 50052                          | 8        | AB974    | Handle for Installation Board for 50052        | 30       | AA842    | Evaporator for 50052                     | 51       |
| AA810    | Bottom Hinge Axis for 50052                         | 9        | AE921    | Upper Left Hinge Holder for 50052              | 31       | AA216    | Drain Tube for 50052                     | 52       |
| AA811    | Middle Shelf for 50052                              | 10       | AA830    | Left Glass Door for 50052                      | 33       | AB594    | Filter for 50052                         | 53       |
| AE916    | Inner Drain Pan for 50052                           | 11       | AA686    | Plastic Drain Pipe with Fixer for 50052        | 34       | AB595    | Filter Fixer for 50052                   | 54       |
| AA300    | Condenser for 50052                                 | 12       | AE922    | Supporting Board for 50052                     | 35       | AA787    | LED Power Supply for 50052               | 55       |
| AA813    | Condenser Fan Motor for 50052                       | 13       | AE923    | Right Connecting Board for 50052               | 36       | AE929    | Gasket for 50052                         | 56       |
| AA814    | Condenser Fan Motor Blade for 50052                 | 14       | AE924    | Left Connecting Board for Caster for 50052     | 37       | AA844    | Door Switch for 50052                    | 57       |
| AB077    | Condenser Fan Cover for 50052                       | 15       | AB109    | Thermostat for 50052                           | 38       | AE930    | Evaporator Cover for 50052               | 58       |
| 26246    | Caster with Brake for 50052                         | 16       | AE925    | Fixer for Inner LED Light for 50052            | 39       | AA757    | Evaporator Fan Motor Bracket for 50052   | 59       |
| AA857    | Upper Right Hinge Holder for 50052                  | 18       | AA835    | LED Inside Cabinet for 50052                   | 40       | AB987    | Right End Plate for Evaporator for 50052 | 60       |
| AE917    | Shelf for 50052                                     | 19, 32   | AA362    | LED Light Switch for 50052                     | 41       | AB993    | Left End Plate for Evaporator for 50052  | 61       |
| 26247    | Caster without Brake for 50052                      | 20       | AA722    | LED Light for 50052                            | 42       | AA710    | Evaporator Fan Motor Cover for 50052     | 62       |
| AE918    | Back Grill for 50052                                | 21       | AA836    | Light Box Frame for 50052                      | 43       | AE931    | Right Glass Door for 50052               | 63       |

# Parts Breakdown

Model FR-CN-0012-HC 50029



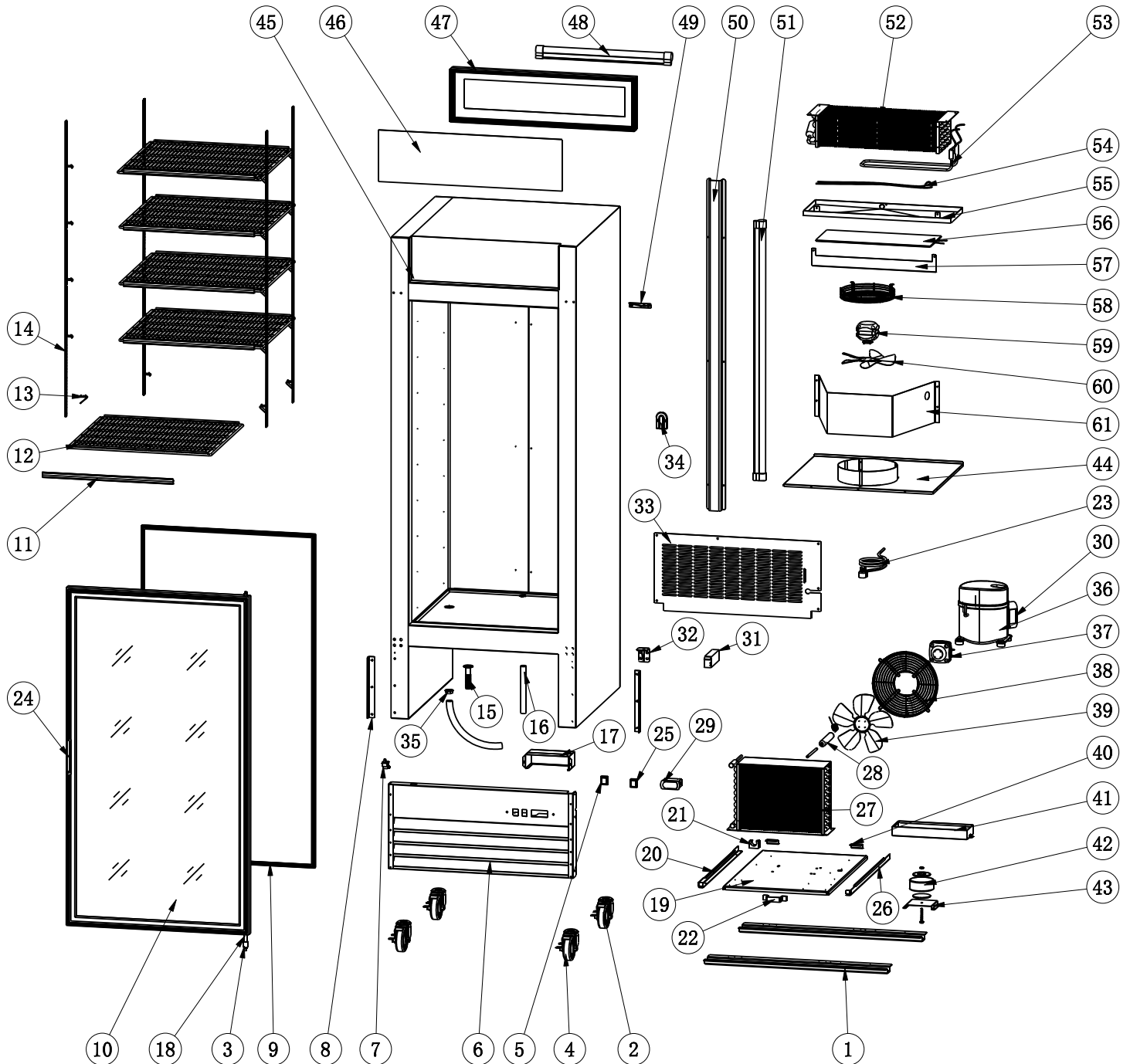
# Parts Breakdown

## Model FR-CN-0012-HC 50029

| Item No. | Description                              | Position | Item No. | Description                                      | Position | Item No. | Description                                    | Position |
|----------|------------------------------------------|----------|----------|--------------------------------------------------|----------|----------|------------------------------------------------|----------|
| AA848    | Gasket for 50029                         | 1        | AA857    | Upper Right Hinge Holder for 50029               | 23       | AB590    | Outer Drain Pan for 50029                      | 43       |
| AA807    | Bottom Right Hinge Holder for 50029      | 2        | AA695    | Glass Door Handle for 50029                      | 24       | AE938    | Compressor for 50029                           | 44       |
| AA810    | Bottom Hinge Axis for 50029              | 3        | 26884    | K Clip for 50029                                 | 25       | AA705    | Condenser Fan Motor for 50029                  | 45       |
| AA715    | Axis Cover for 50029                     | 4        | AA809    | K Strip for 50029                                | 26       | AA208    | Condenser Fan Blade for 50029                  | 46       |
| AA849    | Glass Door for 50029                     | 5        | AA860    | Light Box Plate for 50029                        | 27       | AA249    | Condenser Fan Motor Cover for 50029            | 47       |
| AB975    | Waterproof Cover of Thermostat for 50029 | 6        | AA861    | Light Box Frame for 50029                        | 28       | AA709    | Condenser for 50029                            | 48       |
| AE932    | Front Grill for 50029                    | 7        | AA862    | Cabinet LED for 50029                            | 29       | AE939    | Compressor Installation Board for 50029        | 49       |
| AE933    | Back Grill for 50029                     | 8        | AA863    | Fixer for Probe for 50029                        | 30       | AB971    | Right Rail for Installation Board for 50029    | 50       |
| 26247    | Caster without Brake for 50029           | 9        | AA864    | Drain Pan Heater for 50029                       | 31       | AE940    | Castor Installation Plate for 50029            | 51       |
| 26246    | Caster with Brake for 50029              | 10       | AA865    | Defrost Heater for 50029                         | 32       | AB973    | Limited Block for Installation Board for 50029 | 52       |
| AA853    | Shelf for 50029                          | 11       | AE934    | Evaporator Drain Pan for 50029                   | 33       | AB978    | Left Rail for Installation Board for 50029     | 53       |
| AA124    | Power Switch for 50029                   | 12       | AA867    | Drain Hose Heater for 50029                      | 34       | AA711    | LED Power Supply for 50029                     | 55       |
| AA324    | Thermostat for 50029                     | 13       | AB962    | Left Bracket for Evaporator Fan Cover for 50029  | 35       | AE926    | Thermostat Installation Plate for 50029        | 56       |
| AA854    | Shelf Tag for 50029                      | 14       | AA710    | Evaporator Fan Motor Cover for 50029             | 36       | AE941    | Glass Door Heater Transformer for 50029        | 57       |
| AB977    | Door Switch for 50029                    | 15       | AE935    | Evaporator Cover for 50029                       | 37       | AB595    | Filter Fixer for 50029                         | 58       |
| AA686    | Plastic Drain Pipe with Fixer for 50029  | 16       | AE936    | Left End Plate for Evaporator for 50029          | 38       | AB594    | Filter for 50029                               | 59       |
| AA687    | Drain Pipe Cover for 50029               | 17       | AE901    | Evaporator Fan Motor for 50029                   | 39       | AE942    | Air Pipe Protection Board for 50029            | 60       |
| AA362    | LED Light Switch for 50029               | 18       | AA871    | Evaporator for 50029                             | 40       | AA885    | LED Light for 50029                            | 61       |
| AA216    | Drain Tube for 50029                     | 20, 21   | AE937    | Right End Plate for Evaporator for 50029         | 41       | AB974    | Handle for Installation Board for 50029        | 62       |
| AA856    | Power Cord for 50029                     | 22       | AA793    | Right Bracket for Evaporator Fan Cover for 50029 | 42       |          |                                                |          |

# Parts Breakdown

Model FR-CN-0790-HC 50030



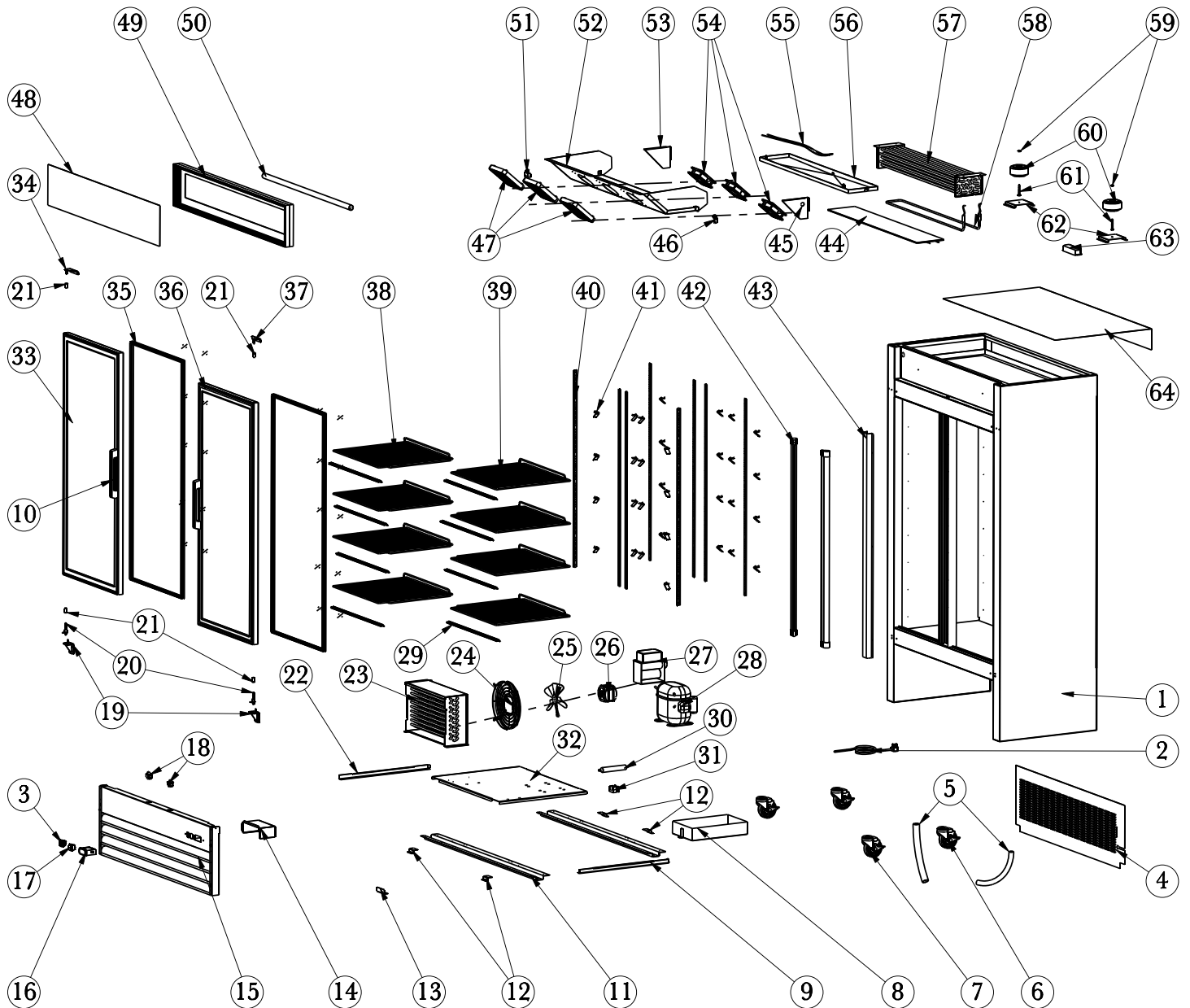
# Parts Breakdown

## Model FR-CN-0790-HC 50030

| Item No. | Description                                  | Position | Item No. | Description                                    | Position | Item No. | Description                             | Position |
|----------|----------------------------------------------|----------|----------|------------------------------------------------|----------|----------|-----------------------------------------|----------|
| AE943    | Castor Installation Board for 50030          | 1        | AB974    | Handle for Installation Board for 50030        | 22       | AE926    | Thermostat Installation Plate for 50030 | 43       |
| 26247    | Caster without Brake for 50030               | 2        | AA856    | Power Cord for 50030                           | 23       | AE946    | Evaporator Cover for 50030              | 44       |
| AA810    | Bottom Hinge Axis for 50030                  | 3        | AA695    | Glass Door Handle for 50030                    | 24       | AA905    | Light Box Plate for 50030               | 46       |
| 26246    | Caster with Brake for 50030                  | 4        | AA124    | Power Switch for 50030                         | 25       | AA906    | Light Box Frame for 50030               | 47       |
| AA362    | LED Light Switch for 50030                   | 5        | AB953    | Right Track for Installation Board for 50030   | 26       | AA721    | LED in Light Box for 50030              | 48       |
| AE944    | Front Grill for 50030                        | 6        | AA896    | Condenser for 50030                            | 27       | AA857    | Upper Right Hinge Holder for 50030      | 49       |
| AB977    | Door Switch for 50030                        | 7        | AB594    | Filter for 50030                               | 28       | AE947    | Air Pipe Protection Board for 50030     | 50       |
| AE945    | Fixed Strip for Front Grill for 50030        | 8        | AA324    | Thermostat for 50030                           | 29       | AA722    | LED Light for 50030                     | 51       |
| AA843    | Gasket for 50030                             | 9        | AA711    | LED Power Supply for 50030                     | 31       | AA908    | Evaporator for 50030                    | 52       |
| AA889    | Glass Door for 50030                         | 10       | AA807    | Bottom Right Hinge Holder for 50030            | 32       | AA909    | Defrost Heater for 50030                | 53       |
| AA748    | Shelf Tag for 50030                          | 11       | AA898    | Back Grill for 50030                           | 33       | AA867    | Drain Hose Heater for 50030             | 54       |
| AA747    | Shelf for 50030                              | 12       | AA863    | Fixer for Probe for 50030                      | 34       | AE948    | Evaporator Drain Pan for 50030          | 55       |
| 26884    | K Clip for 50030                             | 13       | AA687    | Drain Pipe Cover for 50030                     | 35       | AA911    | Drain Pan Heater for 50030              | 56       |
| AA809    | K Strip for 50030                            | 14       | AE938    | Compressor for 50030                           | 36       | AE949    | Evaporator Baffle for 50030             | 57       |
| AA216    | Drain Tube for 50030                         | 15, 16   | AA813    | Condenser Fan Motor for 50030                  | 37       | AA710    | Evaporator Fan Motor Cover for 50030    | 58       |
| AB975    | Waterproof Cover of Thermostat for 50030     | 17       | AB077    | Condenser Fan Cover for 50030                  | 38       | AA913    | Evaporator Fan Motor for 50030          | 59       |
| AA715    | Axis Cover for 50030                         | 18       | AA814    | Condenser Fan Motor Blade for 50030            | 39       | AA248    | Condenser Fan Blade for 50030           | 60       |
| AB961    | Compressor Unit Installation Board for 50030 | 19       | AB973    | Limited Block for Installation Board for 50030 | 40       | AE950    | Fan Motor Air Baffle for 50030          | 61       |
| AB960    | Left Track for Installation Board for 50030  | 20       | AB959    | Outer Drain Pan for 50030                      | 41       |          |                                         |          |
| AB595    | Filter Fixer for 50030                       | 21       | AE941    | Glass Door Heater Transformer for 50030        | 42       |          |                                         |          |

# Parts Breakdown

**Model FR-CN-1250-HC** 50031



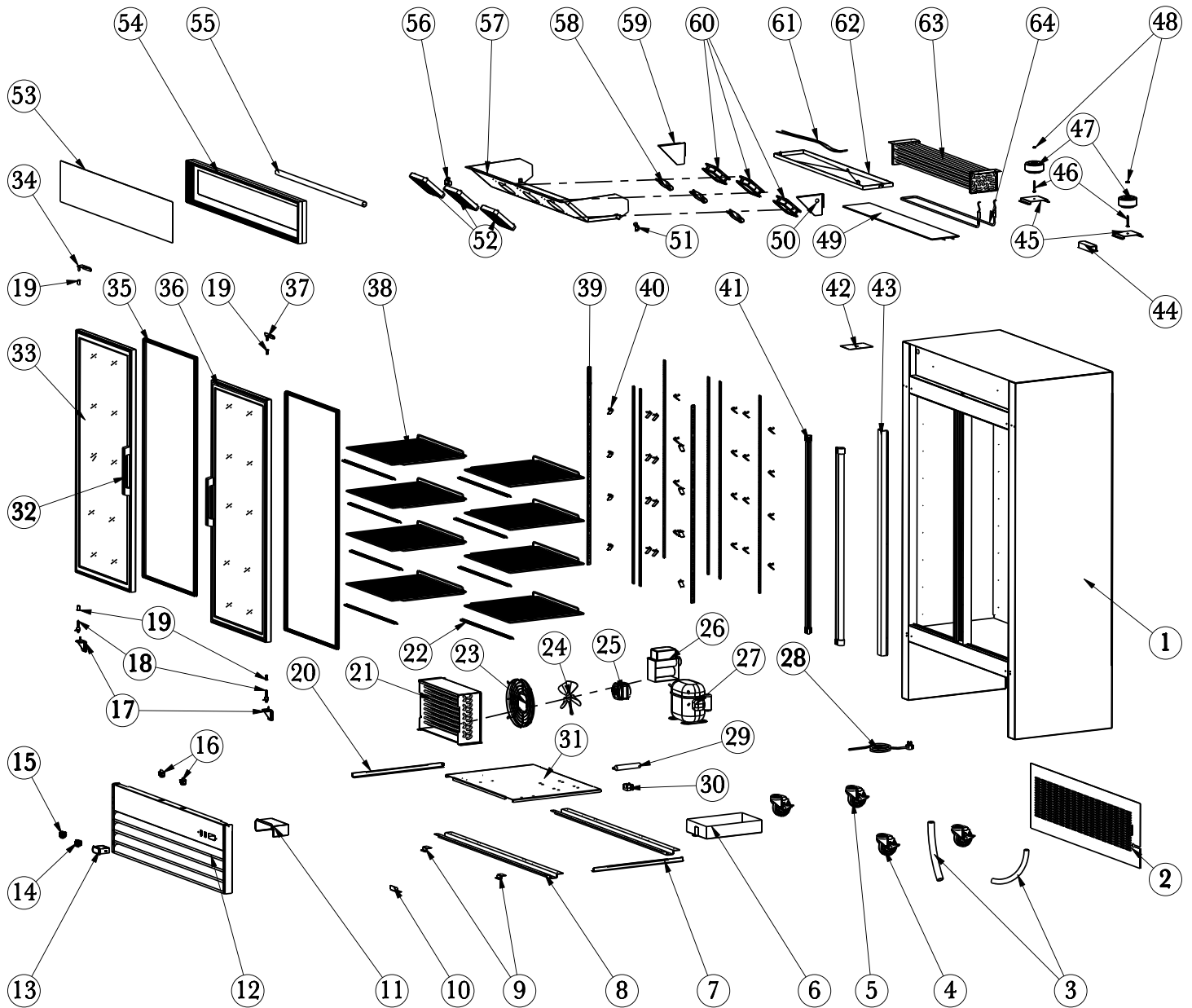
# Parts Breakdown

## Model FR-CN-1250-HC 50031

| Item No. | Description                                    | Position | Item No. | Description                                  | Position | Item No. | Description                                     | Position |
|----------|------------------------------------------------|----------|----------|----------------------------------------------|----------|----------|-------------------------------------------------|----------|
| AA927    | Power Cord for 50031                           | 2        | AB978    | Left Rail for Installation Board for 50031   | 22       | AE955    | Air Pipe Protection Board for 50031             | 43       |
| AA124    | Power Switch for 50031                         | 3        | AB134    | Condenser for 50031                          | 23       | AA939    | Drain Pan Heater for 50031                      | 44       |
| AB969    | Back Grill for 50031                           | 4        | AB077    | Condenser Fan Cover for 50031                | 24       | AB987    | Right End Plate for Evaporator for 50031        | 45       |
| AA216    | Drain Tube for 50031                           | 5        | AA814    | Condenser Fan Motor Blade for 50031          | 25       | AB988    | Right Bracket for Evaporator Cover for 50031    | 46       |
| 26247    | Caster without Brake for 50031                 | 6        | AA813    | Condenser Fan Motor for 50031                | 26       | AA710    | Evaporator Fan Motor Cover for 50031            | 47       |
| 26246    | Caster with Brake for 50031                    | 7        | AE938    | Compressor for 50031                         | 28       | AE956    | Light Box Plate for 50031                       | 48       |
| AB970    | Outer Drain Pan for 50031                      | 8        | AA854    | Shelf Tag for 50031                          | 29       | AE957    | Light Box Frame for 50031                       | 49       |
| AB971    | Right Rail for Installation Board for 50031    | 9        | AB594    | Filter for 50031                             | 30       | AA835    | LED Inside Cabinet for 50031                    | 50       |
| AA695    | Glass Door Handle for 50031                    | 10       | AB595    | Filter Fixer for 50031                       | 31       | AB991    | Left Bracket for Evaporator Fan Cover for 50031 | 51       |
| AE951    | Supporting Board for Castor for 50031          | 11       | AB980    | Compressor Unit Installation Board for 50031 | 32       | AB992    | Evaporator Cover for 50031                      | 52       |
| AB973    | Limited Block for Installation Board for 50031 | 12       | AE953    | Left Glass Door for 50031                    | 33       | AB993    | Left End Plate for Evaporator for 50031         | 53       |
| AB974    | Handle for Installation Board for 50031        | 13       | AE921    | Upper Left Hinge Holder for 50031            | 34       | AE901    | Evaporator Fan Motor for 50031                  | 54       |
| AB975    | Waterproof Cover of Thermostat for 50031       | 14       | AB982    | Gasket for 50031                             | 35       | AA867    | Drain Hose Heater for 50031                     | 55       |
| AE952    | Front Grill for 50031                          | 15       | AE954    | Right Glass Door for 50031                   | 36       | AE958    | Evaporator Drain Pan for 50031                  | 56       |
| AA324    | Thermostat for 50031                           | 16       | AA857    | Upper Right Hinge Holder for 50031           | 37       | AE959    | Evaporator for 50031                            | 57       |
| AA362    | LED Light Switch for 50031                     | 17       | AB984    | Left Shelf for 50031                         | 38       | AE152    | Defrost Heater for 50031                        | 58       |
| AB977    | Door Switch for 50031                          | 18       | AB985    | Right Shelf for 50031                        | 39       | AE941    | Glass Door Heater Transformer for 50031         | 60       |
| AA807    | Bottom Right Hinge Holder for 50031            | 19       | AA809    | K Strip for 50031                            | 40       | AE926    | Thermostat Installation Plate for 50031         | 62       |
| AA810    | Bottom Hinge Axis for 50031                    | 20       | 26884    | K Clip for 50031                             | 41       | AA787    | LED Power Supply for 50031                      | 63       |
| AA715    | Axis Cover for 50031                           | 21       | AA722    | LED Light for 50031                          | 42       | AE960    | Cabinet Top Cover for 50031                     | 64       |

# Parts Breakdown

**Model FR-CN-0045-HC** 50075



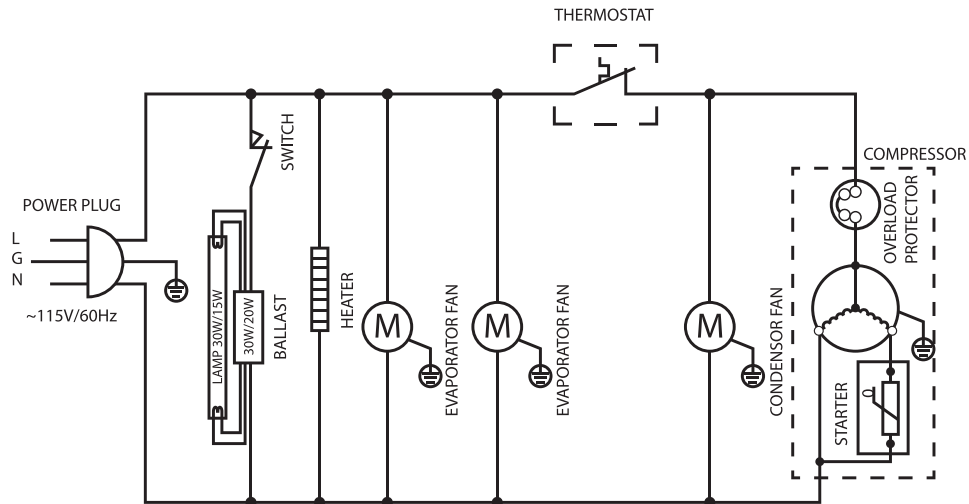
# Parts Breakdown

## Model FR-CN-0045-HC 50075

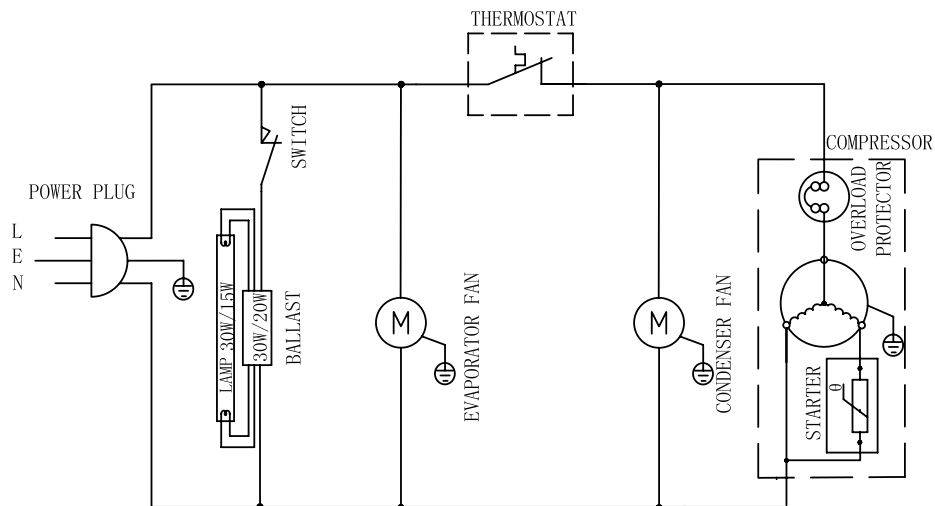
| Item No. | Description                                    | Position | Item No. | Description                         | Position | Item No. | Description                                         | Position |
|----------|------------------------------------------------|----------|----------|-------------------------------------|----------|----------|-----------------------------------------------------|----------|
| AE881    | Back Grill for 50075                           | 2        | AA854    | Shelf Tag for 50075                 | 22       | AE963    | Air Pipe Protection Board for 50075                 | 43       |
| AA216    | Drain Tube for 50075                           | 3        | AA249    | Condenser Fan Motor Cover for 50075 | 23       | AA787    | LED Power Supply for 50075                          | 44       |
| 26247    | Caster without Brake for 50075                 | 4        | AA248    | Condenser Fan Blade for 50075       | 24       | AE926    | Thermostat Installation Plate for 50075             | 45       |
| 26246    | Caster with Brake for 50075                    | 5        | AA813    | Condenser Fan Motor for 50075       | 25       | AE941    | Glass Door Heater Transformer for 50075             | 47       |
| AB970    | Outer Drain Pan for 50075                      | 6        | 64128    | Compressor R290 for 50075           | 27       | AA939    | Drain Pan Heater for 50075                          | 49       |
| AE894    | Right Rail for Installation Board for 50075    | 7        | AA927    | Power Cord for 50075                | 28       | AB987    | Right End Plate for Evaporator for 50075            | 50       |
| AE961    | Castor Installation Board for 50075            | 8        | AB594    | Filter for 50075                    | 29       | AB988    | Right Bracket for Evaporator Fan Cover for 50075    | 51       |
| AB973    | Limited Block for Installation Board for 50075 | 9        | AB595    | Filter Fixer for 50075              | 30       | AA710    | Evaporator Fan Motor Cover for 50075                | 52       |
| AB974    | Handle for Installation Board for 50075        | 10       | AE893    | Installation Board for 50075        | 31       | AA942    | Light Box Plate for 50075                           | 53       |
| AA214    | Thermostat Water Proof Cover for 50075         | 11       | AA695    | Glass Door Handle for 50075         | 32       | AA943    | Light Box Frame for 50075                           | 54       |
| AE962    | Front Grill for 50075                          | 12       | AA929    | Left Glass Door for 50075           | 33       | AA782    | LED Light in Light Box for 50075                    | 55       |
| AA324    | Thermostat for 50075                           | 13       | AE921    | Upper Left Hinge Holder for 50075   | 34       | AB991    | Left Bracket for Evaporator Fan Cover for 50075     | 56       |
| AA362    | LED Light Switch for 50075                     | 14       | AA843    | Gasket for 50075                    | 35       | AE964    | Evaporator Cover for 50075                          | 57       |
| AA124    | Power Switch for 50075                         | 15       | AA930    | Right Glass Door for 50075          | 36       | 61219    | Evaporator Fan Blade V154/22 for 50075              | 58       |
| AB977    | Door Switch for 50075                          | 16       | AA857    | Upper Right Hinge Holder for 50075  | 37       | AB993    | Left End Plate for Evaporator for 50075             | 59       |
| AA807    | Bottom Right Hinge Holder for 50075            | 17       | AA931    | Shelf for 50075                     | 38       | 68809    | Evaporator Fan Motor EM3020-28-C04 / 110V for 50075 | 60       |
| AA810    | Bottom Hinge Axis for 50075                    | 18       | AA809    | K Strip for 50075                   | 39       | AA867    | Drain Hose Heater for 50075                         | 61       |
| AA715    | Axis Cover for 50075                           | 19       | 26884    | K Clip for 50075                    | 40       | AE965    | Evaporator Drain Pan for 50075                      | 62       |
| AE892    | Left Rail for Installation Board for 50075     | 20       | AA722    | LED Light for 50075                 | 41       | AA948    | Evaporator for 50075                                | 63       |
| AA250    | Condenser for 50075                            | 21       | AE889    | Wire Protection Plate for 50075     | 42       | AE152    | Defrost Heater for 50075                            | 64       |

# Electrical Schematics

## Model RE-CN-0045-HC 50032

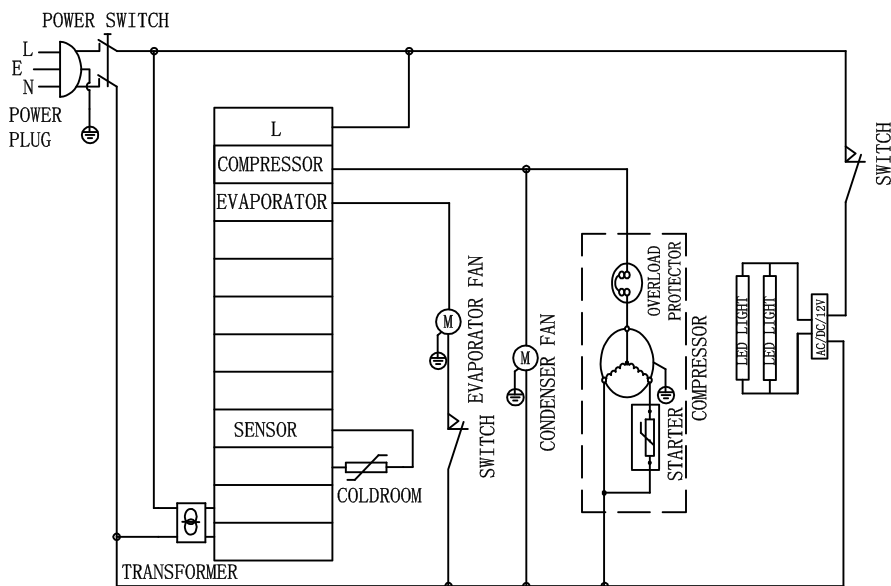


## Model RE-CN-0009-HC 50033



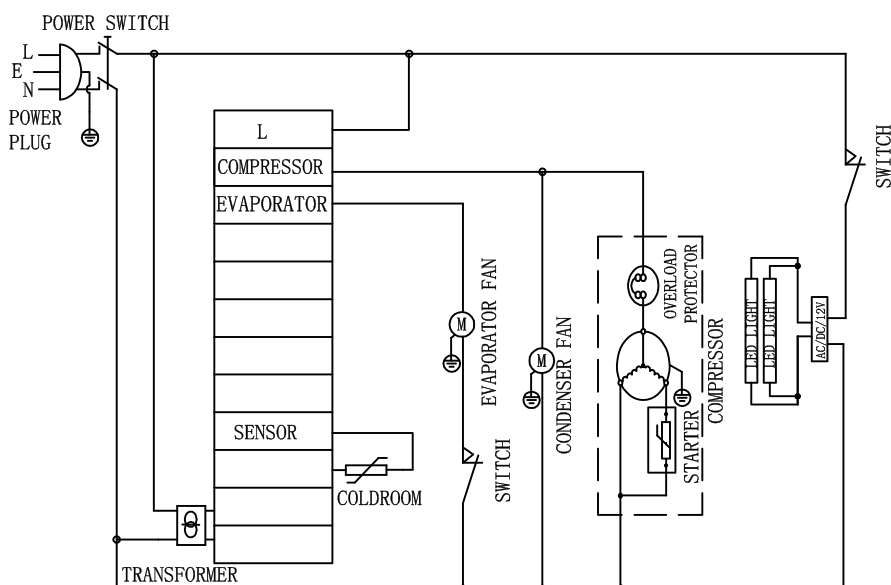
# Electrical Schematics

## Model RE-CN-0014-H 50035



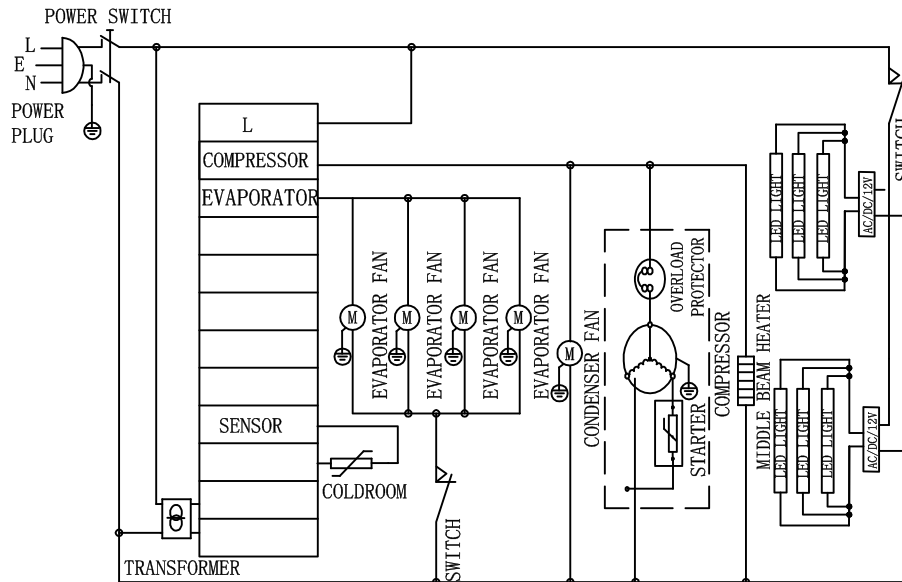
## Model RE-CN-0023-HC 50036

## Model RE-CN-0023-H 50037

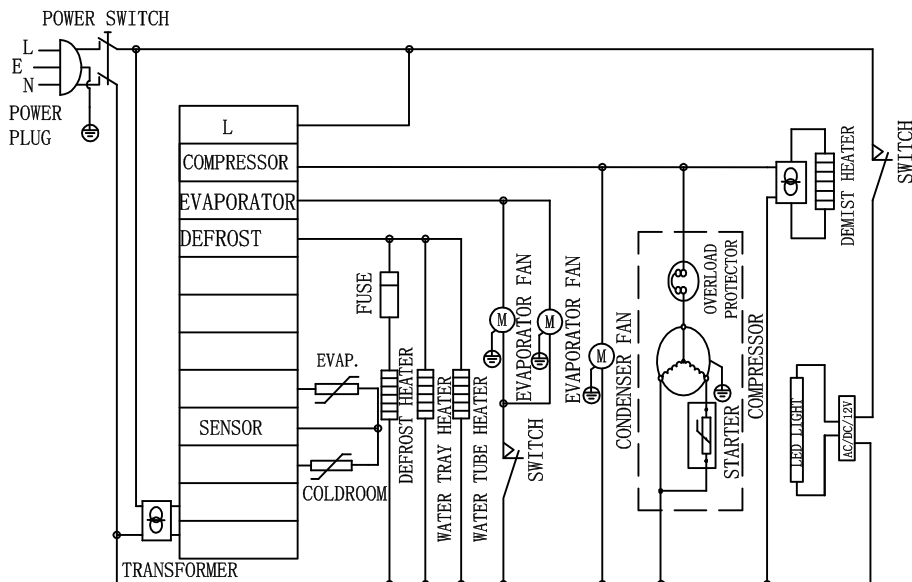


# Electrical Schematics

**Model RE-CN-0052-HC 50052**

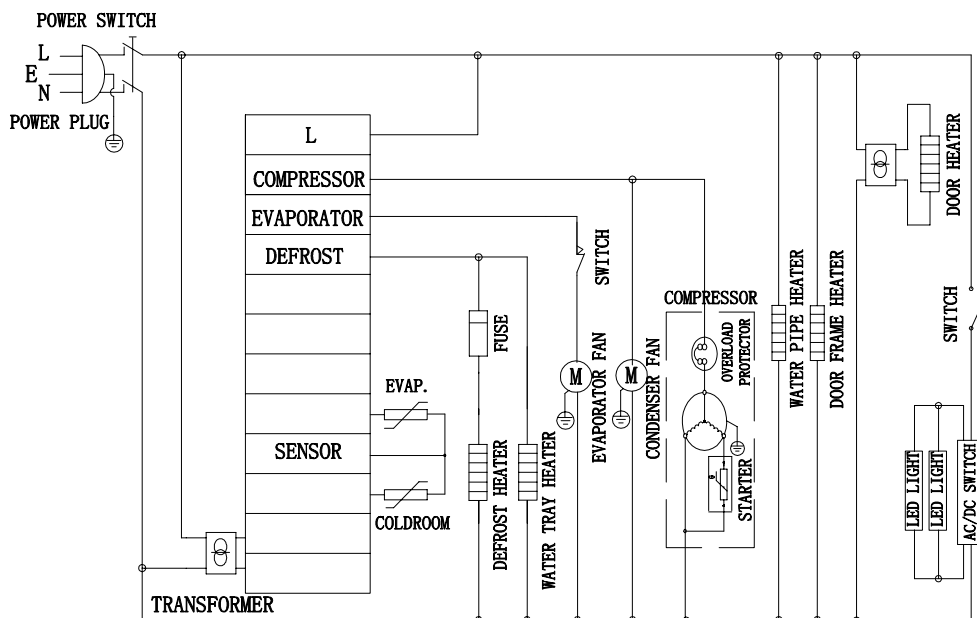


**Model FR-CN-0012-HC 50029**

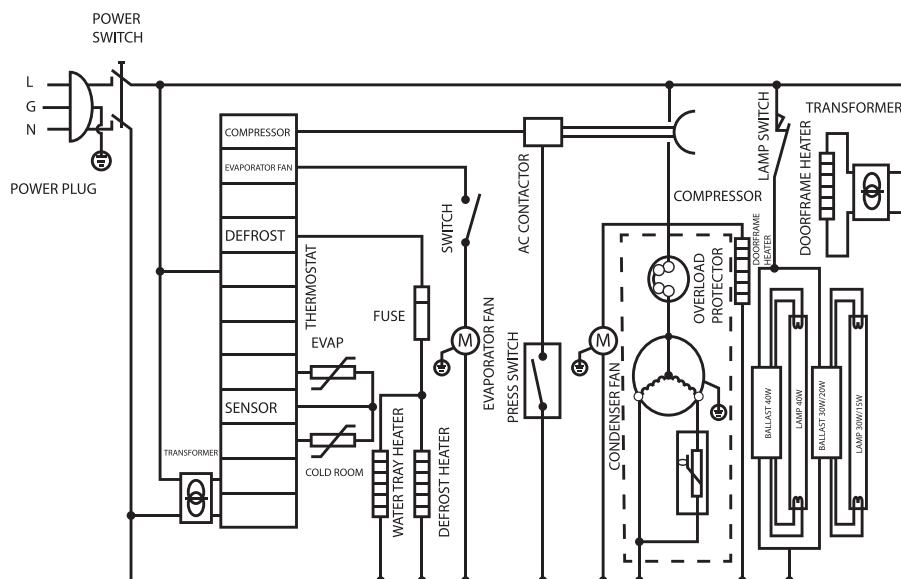


# Electrical Schematics

## Model FR-CN-0790-HC 50030

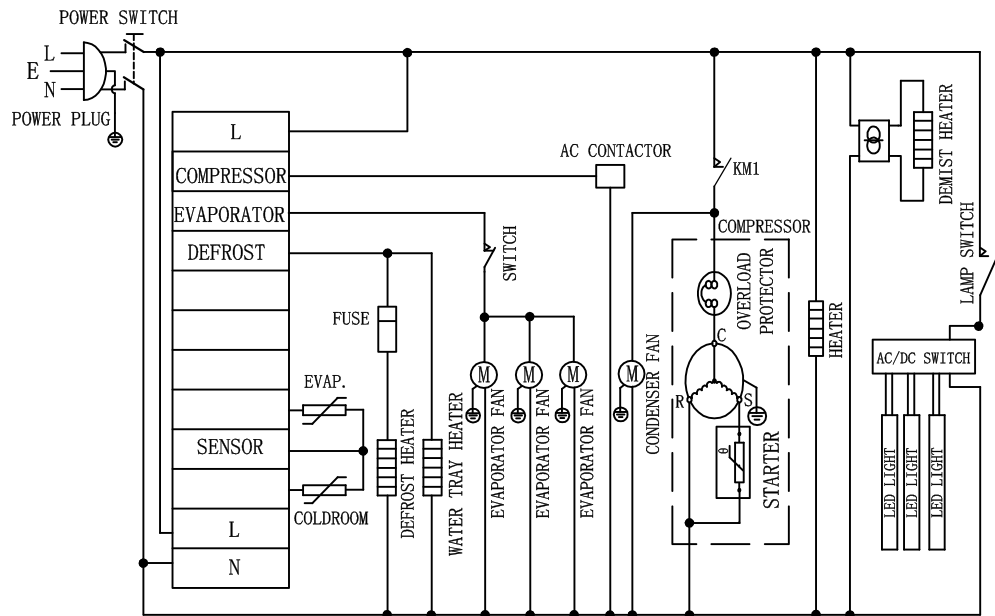


## Model FR-CN-1250-HC 50031



## ***Electrical Schematics***

**Model FR-CN-0045-HC 50075**





# Warranty Registration

Thank you for purchasing an Omcan product. To register your warranty for this product, complete the information below, tear off the card at the perforation and then send to the address specified below. You can also register online by visiting:

Merci d'avoir acheté un produit Omcan. Pour enregistrer votre garantie pour ce produit, complétez les informations ci-dessous, détachez la carte au niveau de la perforation, puis l'envoyer à l'adresse spécifiée ci-dessous. Vous pouvez également vous inscrire en ligne en visitant:

Gracias por comprar un producto Omcan usted. Para registrar su garantía para este producto, complete la información a continuación, cortar la tarjeta en la perforación y luego enviarlo a la dirección indicada a continuación. También puede registrarse en línea en:

<https://omcan.com/warranty-registration/>

**For mailing in Canada**

**Pour postale au Canada**

**Por correo en Canadá**

**OMCAN**

PRODUCT WARRANTY REGISTRATION

3115 Pepper Mill Court,

Mississauga, Ontario

Canada, L5L 4X5

**For mailing in the US**

**Pour diffusion aux États-Unis**

**Por correo en los EE.UU.**

**OMCAN**

PRODUCT WARRANTY REGISTRATION

4450 Witmer Industrial Estates, Unit 4,

Niagara Falls, New York

USA, 14305

**or email to: [service@omcan.com](mailto:service@omcan.com)**



## Purchaser's Information

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ Province or State: \_\_\_\_\_ Postal or Zip: \_\_\_\_\_

Country: \_\_\_\_\_

Dealer from which Purchased: \_\_\_\_\_

Dealer City: \_\_\_\_\_ Dealer Province or State: \_\_\_\_\_

Invoice: \_\_\_\_\_

Company Name: \_\_\_\_\_

Telephone: \_\_\_\_\_

Email Address: \_\_\_\_\_

Type of Company:

☐ Restaurant ☐ Bakery ☐ Deli

☐ Butcher ☐ Supermarket ☐ Caterer

☐ Institution (specify): \_\_\_\_\_

☐ Other (specify): \_\_\_\_\_

Model Name: \_\_\_\_\_ Model Number: \_\_\_\_\_ Serial Number: \_\_\_\_\_

Machine Description: \_\_\_\_\_

Date of Purchase (MM/DD/YYYY): \_\_\_\_\_ Date of Installation (MM/DD/YYYY): \_\_\_\_\_

Would you like to extend the warranty? ☐ Yes ☐ No

**Thank you for choosing Omcan | Merci d'avoir choisi Omcan | Gracias por elegir Omcan**



Since 1951 Omcan has grown to become a leading distributor of equipment and supplies to the North American food service industry. Our success over these many years can be attributed to our commitment to strengthen and develop new and existing relationships with our valued customers and manufacturers. Today with partners in North America, Europe, Asia and South America, we continually work to improve and grow the company. We strive to offer customers exceptional value through our qualified local sales and service representatives who provide convenient access to over 5,000 globally sourced products.

---

Depuis 1951 Omcan a grandi pour devenir un des “leaders” de la distribution des équipements et matériel pour l’industrie des services alimentaires en Amérique du Nord. Notre succès au cours de ces nombreuses années peut être attribué à notre engagement à renforcer et à développer de nouvelles et existantes relations avec nos clients et les fabricants de valeur. Aujourd’hui avec des partenaires en Amérique du Nord, Europe, Asie et Amérique du Sud, nous travaillons continuellement à améliorer et développer l’entreprise. Nous nous efforçons d’offrir à nos clients une valeur exceptionnelle grâce à nos ventes locales qualifiées et des représentants de service qui offrent un accès facile à plus de 5000 produits provenant du monde entier.

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Desde 1951 Omcan ha crecido hasta convertirse en un líder en la distribución de equipos y suministros de alimentos en América del Norte industria de servicios. Nuestro éxito en estos años se puede atribuir a nuestro compromiso de fortalecer y desarrollar nuevas relaciones existentes con nuestros valiosos clientes y fabricantes. Hoy con socios de América del Norte, Europa, Asia y América del Sur, que trabajan continuamente para mejorar y crecer la empresa. Nos esforzamos por ofrecer a nuestros clientes valor excepcional a través de nuestro local de ventas y representantes de los servicios que proporcionan un fácil acceso a más de 5,000 productos con origen a nivel mundial.

