



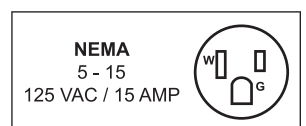
***Refrigerated Showcase***  
***Model RS-CN-0078***  
***Item 39551***  
***Instruction Manual***



*Revised - 12/28/2016*

*Locally QPS approved* **CE**

Toll Free: 1-800-465-0234  
Fax: 905-607-0234  
Email: [service@omcan.com](mailto:service@omcan.com)  
[www.omcan.com](http://www.omcan.com)



# ***Table of Contents***

Model RS-CN-0078

---

| <b>Section</b>                 | <b>Page</b> |
|--------------------------------|-------------|
| General Information -----      | 3 - 4       |
| Safety and Warranty -----      | 4 - 6       |
| Technical Specifications ----- | 6 - 7       |
| Operation -----                | 7           |
| Maintenance -----              | 8           |
| Troubleshooting -----          | 8 - 9       |
| Parts Breakdown -----          | 9 - 10      |
| Electrical Schematics -----    | 11          |
| Notes -----                    | 12 - 14     |
| Warranty Registration -----    | 15          |



## ***General Information***

---

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.

---

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 bond 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***

---

**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.**

---

**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***

---

## **CAUTIONS**

- Shortening the door open time and reducing open frequency is good to keep a cold temperature inside the refrigerator.
- Never block the air suction and outlet to keep air circulation and refrigeration capability.
- Do not make food congested as it will influence the cooling effect. Adjust the rack height for proper food storage.

# Safety and Warranty

- Cool the hot food down to room temperature before you put it into the refrigerator.
- Try to reduce the open times and keep the inside of the refrigerator cold in case the power is cut off.
- Only skilled service men are allowed to repair the damaged power cable with special tools.
- Never touch the compressor to avoid scalding.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.

## HANDLING AND INSTALLATION

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Handle with care</b><br>Unplug from the wall socket first. Never tilt it over 45 degrees during handling.                                                                                                                                              | <b>Dry location</b><br>Always place the refrigerator in a dry location.                                                                                                                                 |
| <b>Sufficient space</b><br>The distance between both sides and back of the refrigerator to the wall or other objects must not be less than 10cm / 4". The refrigeration capability may be decreased if it's surround space is too small to circulate air. | <b>Well ventilated</b><br>Always place the refrigerator in a location with good ventilation. For the first time use, wait for 2 hours after handling and then plug it into the wall socket to start it. |
| <b>Far from heat source</b><br>Never place the refrigerator directly under the sunlight. Never locate it nearby any heat sources to prevent it from reducing refrigeration capability.                                                                    | <b>No heavy loads</b><br>Never put any heavy loads on the top of the refrigerator.                                                                                                                      |
| <b>No hole making</b><br>Never make holes on the refrigerator. Never install other objects on the refrigerator.                                                                                                                                           | <b>Stable location</b><br>Unpack and place the refrigerator on a flat and stable surface.                                                                                                               |

## PREPARATION AND POWER SUPPLY

|                                                                                                                                                                                                                     |                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Exclusive power socket</b><br>The power supply should be 110V single phase AC with exclusive single phase three pin receptacle and fuse. The power receptacle must have a reliable ground connection.            | <b>Do not share on socket</b><br>Never let the refrigerator share the common socket with other appliances, otherwise the cable becomes hot and fire may be resulted. |
| <b>Protect cables</b><br>Never break or damage the cables otherwise electrocution and fire may be resulted.                                                                                                         | <b>No water flushing</b><br>Never flush the refrigerators surface with water otherwise electrocution may be resulted.                                                |
| <b>Keep from flammables and explosives</b><br>Never put any flammables or explosives inside the refrigerator such as ether, gasoline, adhesives and explosives. Never put dangerous products near the refrigerator. | <b>Do not spray</b><br>To spray with flammables such as paint or coating near the refrigerator is not allowed, otherwise fire may be resulted.                       |

# Safety and Warranty

## After power break

After power break or unplugging the refrigerator, always wait at least 5 minutes and then you may plug in the refrigerator and start it again.

## No medicine

No medicine is allowed to be kept inside the refrigerator.

## 1 YEAR PARTS AND LABOUR 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 [www.omcan.com/warranty.html](http://www.omcan.com/warranty.html) 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

|                                 |                    |
|---------------------------------|--------------------|
| Model                           | RS-CN-0078         |
| Coolant and Injection Quantity  | R134a (89g)        |
| General Rated Input Power       | 180 W              |
| Type of Climate                 | N                  |
| Refrigeration Temperature       | 0-12°C / 32-53.6°F |
| Electric Shock Protection Class | I                  |
| Rated Current                   | 1.2 A              |
| Lamp Power                      | 1.44 W x 4(LED)    |
| Rated Frequency                 | 60 Hz              |
| Rated Voltage                   | 110 V              |
| Total Effective Volume          | 78 L / 2.8 cu. ft. |

# Technical Specifications

|                    |                                           |
|--------------------|-------------------------------------------|
| Net Weight         | 45.5 kg. / 100.3 lbs.                     |
| Overall Dimensions | 430 x 390 x 986mm / 16.9" x 15.4" x 38.8" |
| Item Number        | 39551                                     |

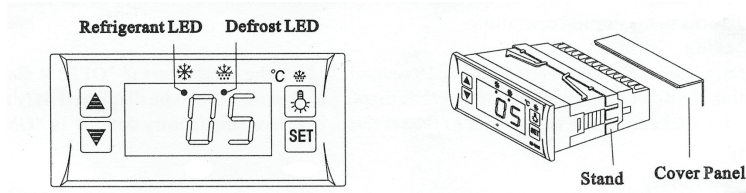
## Operation

### BEFORE USE

Plug the refrigerator in a 110V exclusive socket.

Once the refrigerator is in operation, place a hand on the air suction to confirm it is sufficiently cold. Then you may put food inside the refrigerator.

### DIGITAL TEMPERATURE CONTROLLER



It is a mini-sized and integrated intelligent controller and applicable to the compressor of 1 HP.

The main functions are: Temperature Display, Temperature Control, Manual/Automatic Defrost by turning off, Light Control, Value Sorting, Self Testing, Parameter Locking.

### FRONT PANEL OPERATION

- Set temperature.  
Press **SET** button, the set temperature is displayed.  
Press **▲** or **▼** button to modify and store the displayed value.  
Press **SET** button to exit the adjustment and display the cold-room temperature.
- If no more button is pressed within 10 seconds, the cold-room temperature will be displayed.
- Illumination: Press **💡** button, it lights; press again, it stops.  
Manual start/stop defrost: Press **❄️** button and hold for 6 seconds to defrost or stop defrost.
- Refrigerant LED: During Refrigeration, the LED is on; when the cold room temp is constant, the LED is off. During the delay start, the LED flashes.
- Defrost LED: during defrosting, the LED is on, when it stops defrosting, the LED is off. During the delay display of defrost, the LED flashes.

# Maintenance

## 1. Notice:

Often keep the refrigerator clean and periodical maintenance is necessary.  
Always unplug the electrical cord from the socket before maintenance.  
Never use damaged plug or loose socket to prevent from electric shock or short circuit.  
Never flush the refrigerator. Never use alkaline detergent, soap, gasoline, acetone or brush.

## 2. Clean outside:

Dip soft cloth in neutral detergent (table ware detergent) to clean the outside of the refrigerator and then wipe it with a dry cloth.

## 3. Clean inside:

Take rack out for cleaning with water.

## 4. Shut down refrigerator for a long time:

Take all food out and unplug the wall socket.  
Clean both inside and outside of the refrigerator thoroughly and open the door for sufficient dry.  
The glass breaks easily. Keep the glass far from children.  
Clean the condensate tray and wipe it dry.

# Troubleshooting

| Trouble                                                                        | Cause and Remedy                                           |
|--------------------------------------------------------------------------------|------------------------------------------------------------|
| No Refrigeration.                                                              | Is the plug in the electrical wall socket?                 |
|                                                                                | Is the fuse broken?                                        |
|                                                                                | Is there no power?                                         |
| Unsatisfactory Refrigeration.                                                  | Is it under the sunshine? Is there any heat source nearby? |
|                                                                                | Is the surrounding ventilation bad?                        |
|                                                                                | Is the door closed? Is the door open for a long time?      |
|                                                                                | Is the door seal strip deformed or damaged?                |
|                                                                                | Is the food congested or too much?                         |
|                                                                                | Does food block the air suction or outlet?                 |
|                                                                                | Regulate the temperature controller.                       |
| Operating Loudly.                                                              | The refrigerator is not level.                             |
|                                                                                | The refrigerator contacts wall or other matter.            |
|                                                                                | There is loose part in refrigerator.                       |
| Contact Omcan for help if simple trouble shooting does not solve the problems. |                                                            |

The murmur of water is heard when the refrigerator is working. It is a normal sound as the coolant is circulating in the system. In humid conditions, condensation might be found on the outside of the refrigerator. It is not a concern, which is caused by high humidity. Simply use a cloth to wipe it.

# Troubleshooting

## REFERENCE

| Item Number | Model Number | Description                                             | Manufacturer Model Number |
|-------------|--------------|---------------------------------------------------------|---------------------------|
| 39551       | RS-CN-0078   | Refrigerated Showcase Countertop<br>78 L / 2.8 Cu Ft CE | RT-78L-7                  |

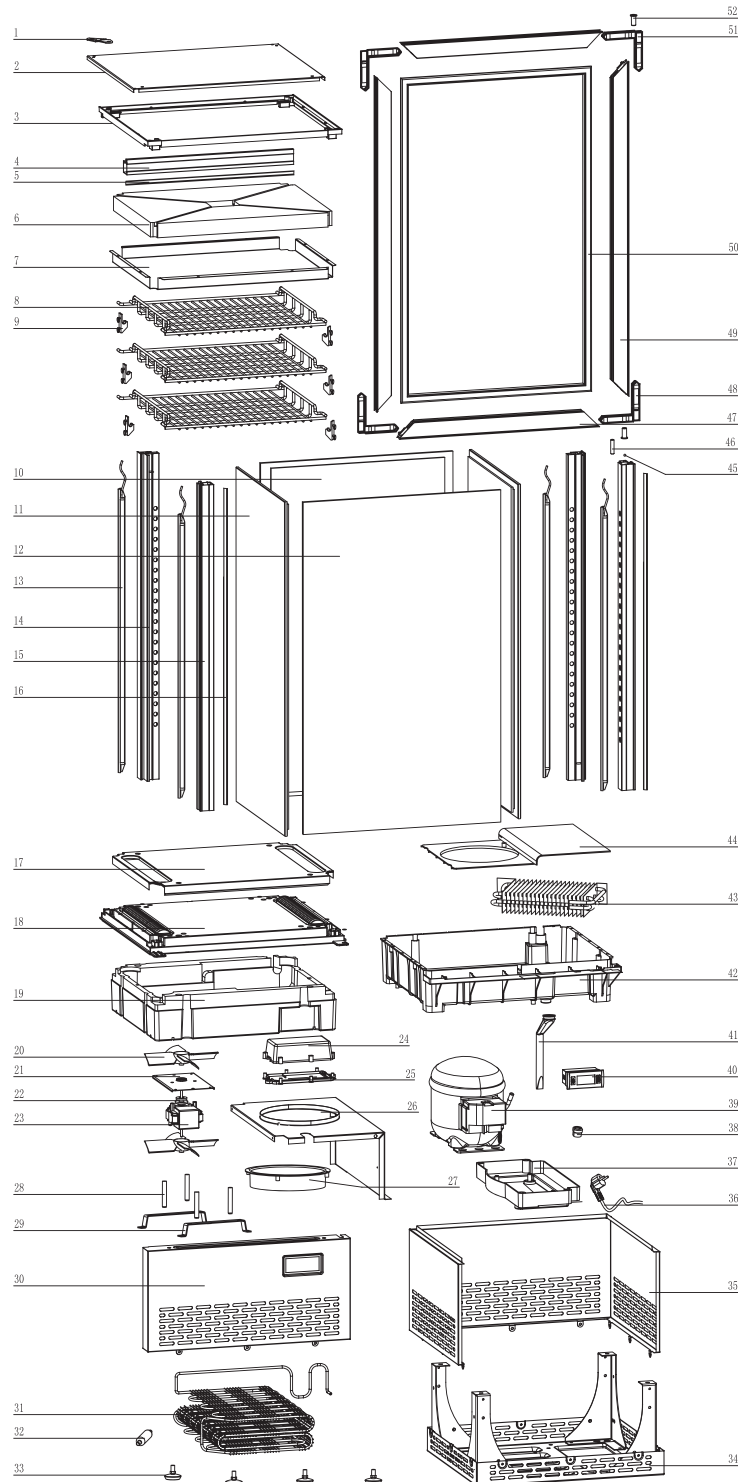
## Parts Breakdown

### Model RS-CN-0078 39551

| Item No. | Description                                     | Position | Item No. | Description                         | Position | Item No. | Description                          | Position |
|----------|-------------------------------------------------|----------|----------|-------------------------------------|----------|----------|--------------------------------------|----------|
| 43867    | Upper Gemel for RT78L-7                         | 1        | 43885    | Foam Base of Evaporator for RT78L-7 | 19       | 43903    | Plastic Fence for RT78L-7            | 37       |
| 43868    | Upper Cover for RT78L-7                         | 2        | 43886    | Fan Blade for RT78L-7               | 20       | 43904    | Wire Clip for RT78L-7                | 38       |
| 43869    | Upper Fixed Tray for RT78L-7                    | 3        | 43887    | Metal Base of Fan Motor for RT78L-7 | 21       | 43905    | Compressor for RT78L-7               | 39       |
| 43870    | Front Crosspiece for RT78L-7                    | 4        | 43888    | Motor Fixed Ring for RT78L-7        | 22       | 43906    | Digital Controller for RT78L-7       | 40       |
| 43871    | Top and Bottom Stainless Iron Piece for RT78L-7 | 5        | 43889    | Fan Motor for RT78L-7               | 23       | 43907    | Upper/Bottom Seep Tube for RT78L-7   | 41       |
| 43872    | Roof Foam for RT78L-7                           | 6        | 43890    | Control Box for RT78L-7             | 24       | 43908    | Bubble Plate Evaporator for RT78L-7  | 42       |
| 43873    | Holder of Polyfoam for RT78L-7                  | 7        | 43891    | Control Panel for RT78L-7           | 25       | 43920    | Evaporator for RT78L-7               | 43       |
| 43874    | Barrier Grid for RT78L-7                        | 8        | 43892    | Condensator Cushion for RT78L-7     | 26       | 43910    | Evaporator Protect Board for RT78L-7 | 44       |
| 43875    | Grid Foot for RT78L-7                           | 9        | 43893    | Condenser Air Duct for RT78L-7      | 27       | 43911    | Steel Ball for RT78L-7               | 45       |
| 43876    | Back Glass for RT78L-7                          | 10       | 43894    | Condenser Stepping for RT78L-7      | 28       | 43912    | Door Pin for RT78L-7                 | 46       |
| 43877    | Side Glass for RT78L-7                          | 11       | 43895    | Condenser Bracket for RT78L-7       | 29       | 43913    | Door Post for RT78L-7                | 47       |
| 43878    | Door Glass for RT78L-7                          | 12       | 43896    | Front Panel for RT78L-7             | 30       | 43914    | Door Column Connection for RT78L-7   | 48       |
| 43879    | LED Lights for RT78L-7                          | 13       | 43897    | Condensator for RT78L-7             | 31       | 43915    | Door Right Column for RT78L-7        | 49       |
| 43880    | Back Pole for RT78L-7                           | 14       | 43898    | Dry Filter for RT78L-7              | 32       | 43916    | Door Gasket for RT78L-7              | 50       |
| 43881    | Front Pole for RT78L-7                          | 15       | 43899    | Adjustable Feet for RT78L-7         | 33       | 43917    | Door Post for RT78L-7                | 51       |
| 43882    | Side Stainless Iron Piece for RT78L-7           | 16       | 43900    | Bottom Housing for RT78L-7          | 34       | 43918    | Bush for RT78L-7                     | 52       |
| 43919    | Ventilation Cover for RT78L-7                   | 17       | 43901    | Rear Grill for RT78L-7              | 35       |          |                                      |          |
| 43883    | Vent Tray for RT78L-7                           | 18       | 43902    | Power Cord for RT78L-7              | 36       |          |                                      |          |

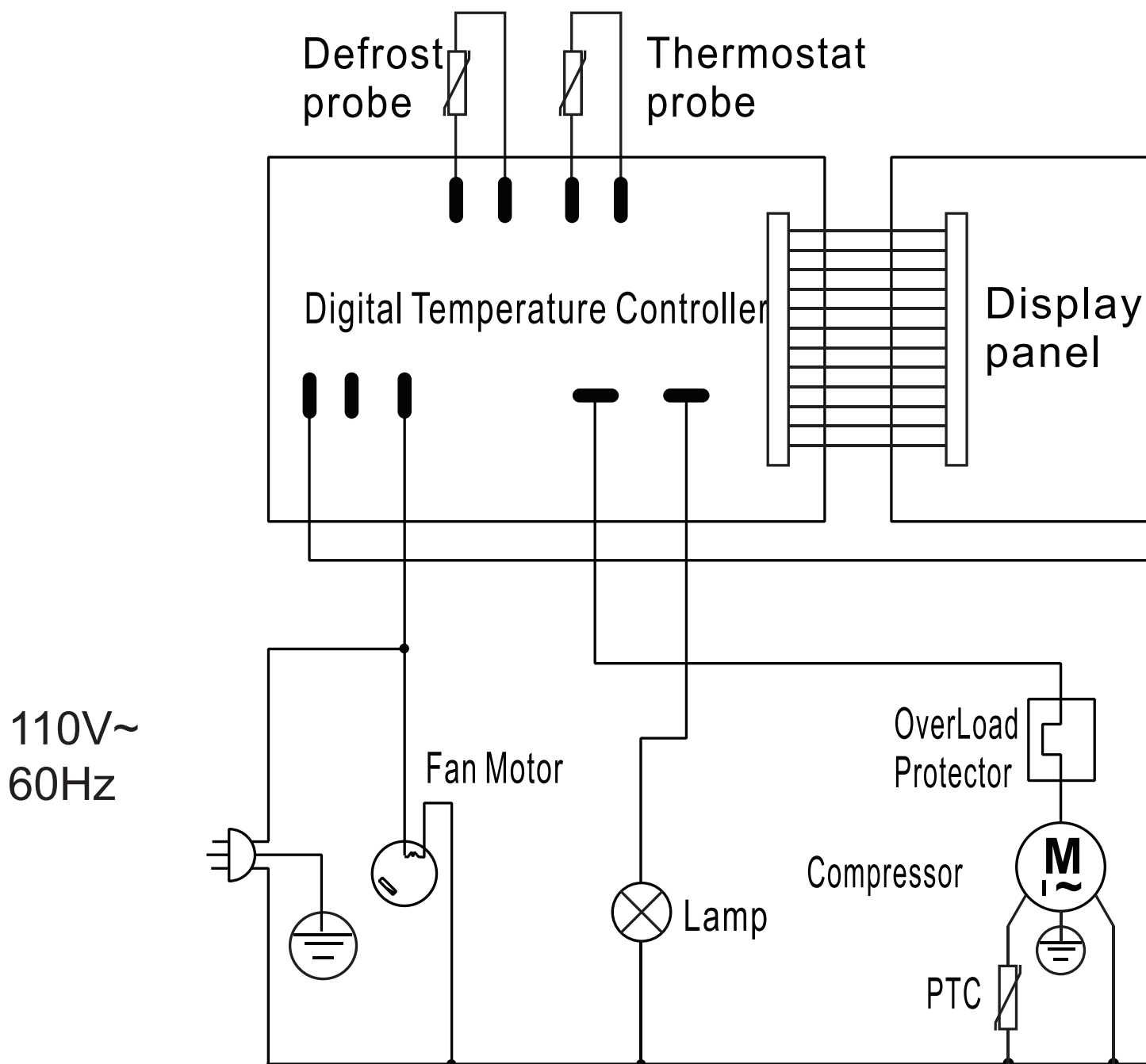
# Parts Breakdown

**Model RS-CN-0078** 39551



# Electrical Schematics

**Model RS-CN-0078** 39551



This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.

## Notes

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

[illegible]



# 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:

**[www.omcan.com/warrantyregistration.html](http://www.omcan.com/warrantyregistration.html)**

**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 3,500 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 3500 produits provenant du monde entier.

---

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 3,500 productos con origen a nivel mundial.

