



Desktop Refrigeration Displays

Models RS-CN-0078-S, 0078-D

Items 25826, 25827

Instruction Manual



Revised - 11/18/2019



Toll Free: 1-800-465-0234
Fax: 905-607-0234
Email: service@omcan.com
www.omcan.com

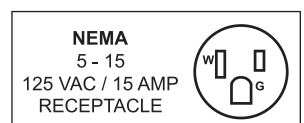


Table of Contents

Model RS-CN-0078-S / Model RS-CN-0078-D

Section	Page
General Information -----	3 - 4
Safety and Warranty -----	4 - 6
Technical Specifications -----	6
Handling and Assembly -----	6 - 7
Operation -----	7 - 8
Maintenance -----	8
Troubleshooting -----	9
Parts Breakdown -----	10 - 13
Electrical Schematics -----	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 cueillis 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:

- Minimize the time with the door open, and reduce opening and closing frequently.
- Never block the air suction inlet.
- Keep air circulation and refrigeration capability.
- Do not overfill the unit or it may hinder its operation.
- Adjust the rack height for proper food storage.

Safety and Warranty

Use and Caution:

- Ensure to cool hot food before placing it in the refrigerator.
- Only trained technicians should repair damaged power cables with special tools.
- Never touch the compressor to avoid injury.
- 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 use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with or around the appliance.
- The operation manual is not suitable for persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge.

MANUFACTURER'S WARRANTY AND LIABILITY

The manufacturer's warranty covering the good functioning of the machines and their compliance to the service for which they have been designed depends on the correct application of the instructions contained in this manual. The Manufacturer assumes no liability either direct or indirect deriving from:

- Failure to comply with the instructions contained in this manual.
- Use of the machine by personnel who have not read or fully understood the content of this manual.
- Use not complying to the specific norms currently applicable in the country of installation.
- Unauthorized modifications and/or repairs.
- Use of non original accessories or spare parts.
- Exceptional events.

OPENING THE BOX

On reception check packaging integrity, inform courier and Omcan representative immediately.

To unpack the machine, proceed as follows:

- Open the box and remove your copy of the manual of use and maintenance, then proceed according to the instructions found on that manual.
- Lift the machine still wrapped in a transparent polyethylene sheet and extract it from the box.
- Now check the box content and make sure it corresponds to what shown on the external label.

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

Safety and Warranty

WARNING:

The packaging components (cardboard, polyethylene, and others) 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-S	RS-CN-0078-D
Power	180 W	190 W
Electrical	110V / 60Hz / 1Ph	
Lamp Power	1.44 W x 4 (LED)	
Temperature Range	0 - 12°C / 32 - 53.6°F	
Refrigerant and Injection	R290 (40g)	
Type of Climate	N	
Rated Current	1.6 A	1.7 A
Capacity	82 L / 2.9 cu. ft.	86 L / 3 cu. ft.
Number of Shelves	3	
Number of Doors	1	2
Dimensions	15.9" x 16.7" x 38.6" 404 x 425 x 980mm	16.9" x 16.7" x 38.6" 429 x 425 x 980mm
Weight	79.4 lbs. / 36 kgs.	80.5 lbs. / 36.5 kgs.
Item Number	25826	25827

Handling and Assembly

Handle with care Unplug the wall socket first. Never tilt it over 45 degrees when handling.	Dry place Always locate the refrigerator in a dry location.
---	---

Handling and Assembly

Sufficient space The distance from both sides and back of refrigerator to wall or other substance must be no less than 10cm. The refrigeration capability may decrease if its surrounding space is too small to circulate air.	Well ventilated Always locate the refrigerator in an area with good ventilation. When using for the first time, wait for 24 hours after handling to start.
Far from heat source Never place the refrigerator direction under sunlight. Never locate it near any heat source to prevent reducing refrigeration capability.	No heavy load Never put any heavy objects on top of the refrigerator.
Do not make holes Never make any holes on the refrigerator. Do not attach any objects onto the refrigerator.	Stable Location Unpack and place the refrigerator on flat and stable ground.
Exclusive power socket Normally, the power supply should be 100 – 110V, 60 Hz single phase AC with exclusive single phase two pin receptacle.	Do not share the socket Never let the refrigerator share a socket with another appliance. The cable may become hot and this may cause a fire.
Protect cables Never break or damage the cables as this may cause electrical shock.	No water flushing Never give the refrigerator surface a flush otherwise electrical shock may occur.
Avoid flammable and explosive objects Never put any flammable or explosive items inside the refrigerator such as gasoline or alcohol. Never put any dangerous product nearby the refrigerator.	No spray Do not spray the unit with a flammable substance such as paint. This may result in a fire.
After power break After power break or unplugging the refrigerator, always wait at least 5 minutes before starting the refrigerator again.	No medicine No medicine is allowed to be kept inside the refrigerator.

Operation

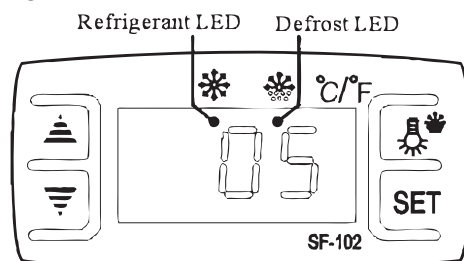
BEFORE USE:

Plug the refrigerator on 110V exclusive socket. After the refrigerator is running, test the air suction to confirm that it is sufficiently cold. Then you may put food and drinks inside.

DIGITAL TEMPERATURE CONTROLLER:

FEATURES OF FUNCTION

It is a mini-sized and integrated intelligent controller and applicable to the compressor of one Hp. The main functions are: Temperature Display,



Operation

Temperature Control, Manual/Automatic defrost by turning off, Illumination Control, Value Storing, Self Testing, Parameter Locking.

FRONT PANEL OPERATION

1. 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.
2. If no more button is pressed within 10 seconds, the cold-room temperature will be displayed.
3. 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.
4. 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.
5. Defrost LED: during defrosting, the LED is on; When is stops defrosting, the LED is off, During the delay display of defrost, the LED flashes.
6. Digital controller reset:
When display shows "DISORDER", press  button for 2s until buzzer rings, quickly press  button for 6s until buzzer rings again, the display will flash for 3s and it restores factory setting.

Maintenance

Keep the refrigerator clean and periodic maintenance is necessary. Always unplug the power cord before maintenance. Never use a damaged plug or loose socket to prevent electric shock or short circuiting. Never flush the refrigerator. Never use alkaline detergent, soap, gasoline, acetone or bush.

CLEAN OUTSIDE

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

CLEAN INSIDE

Take the rack out for cleaning with water. Use a soft cloth to wipe the box.

SHUTTING DOWN REFRIGERATOR FOR EXTENDED PERIODS

Take out all food and unplug the wall socket. Clean both inside and outside of the refrigerator thoroughly and open the door to sufficiently dry. LEAVE DOOR OPEN DURING LONG TERM STORAGE. Clean the condensate tray and wipe dry.

Troubleshooting

Trouble	Cause and Remedy
No refrigeration	Is the plug in the wall socket?
	Is the fuse blown?
Unsatisfactory refrigeration	Is it under direct sunlight? Is there any heat source nearby?
	Does the door close well? Has the door been open for an extended period?
	Is the door seal strip deformed or damaged?
	Is the refrigerator over filled?
	Does food block the air outlet?
	Regulate the temperature controller.
Too much noise	The refrigerator is not level.
	The refrigerator touches the wall or other objects.
	There is a loose part in the refrigerator.
Contact an Omcan service agent for help if simple troubleshooting does not solve the problems.	

The following situations are not problems:

- The murmur of water is heard when the refrigerator is working. This is normal as the coolant is circulating in the system.
- During high humidity days, condensation may be found on the outside of the refrigerator. This is not a problem, this is caused by high ambient humidity. Simply use a cloth to wipe it.

NOTE

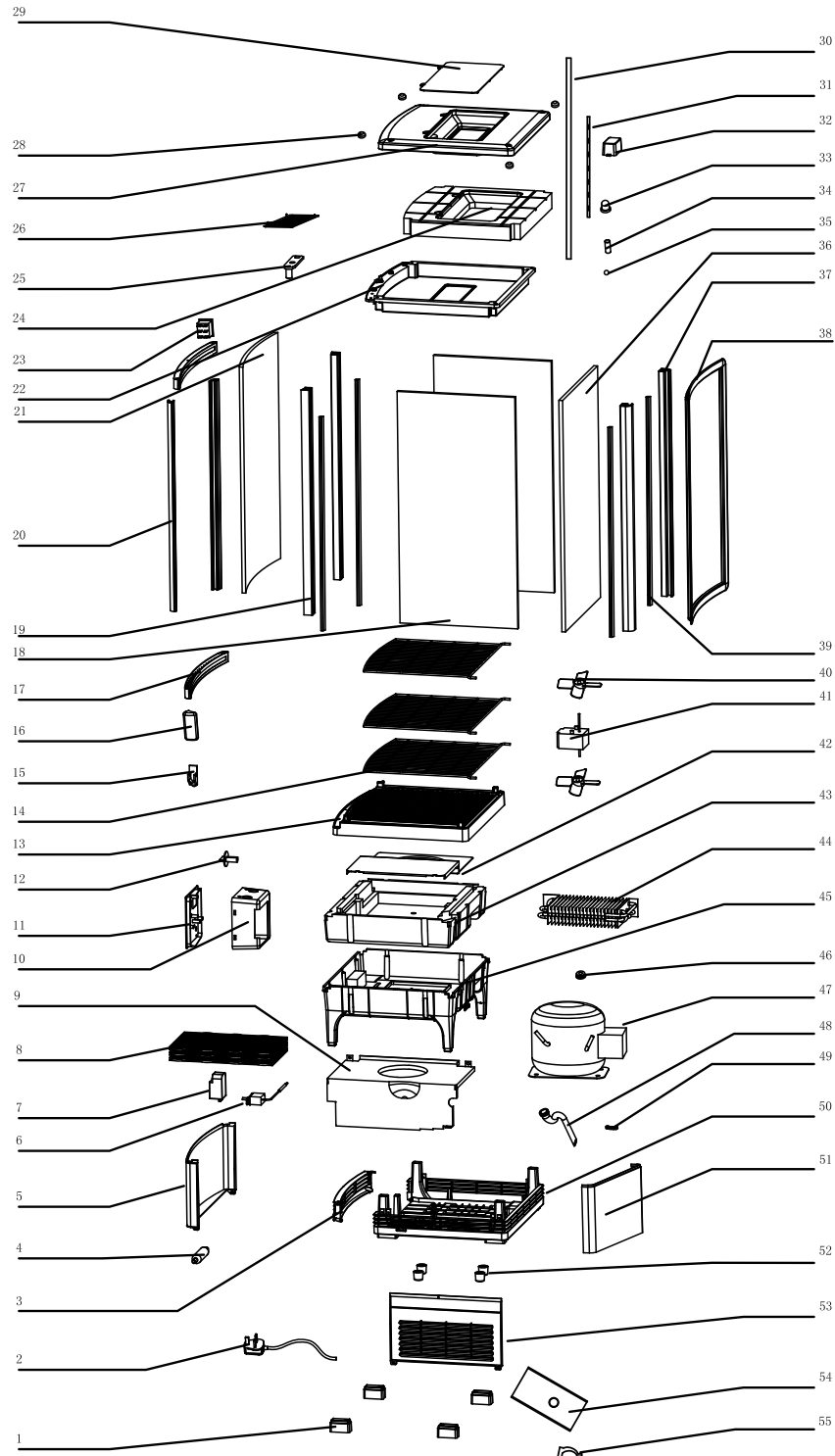
1. The electric circuit diagram and parameters on the product name plate are final.
2. The design might be improve without notice.
3. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid hazard.

REFERENCE

Item Number	Model Number	Description	Manufacturer Model Number
25826	RS-CN-0078-S	Refrigerated Showcase 78 L / 2.8 cu. ft. 1 Door 110V/60/1 cETLus ETL Sanitation	RT78L-1R
25827	RS-CN-0078-D	Refrigerated Showcase 78 L / 2.8 cu. ft. 2 Door 110V/60/1 cETLus ETL Sanitation	RT78L-2R

Parts Breakdown

Model RS-CN-0078-S 25826



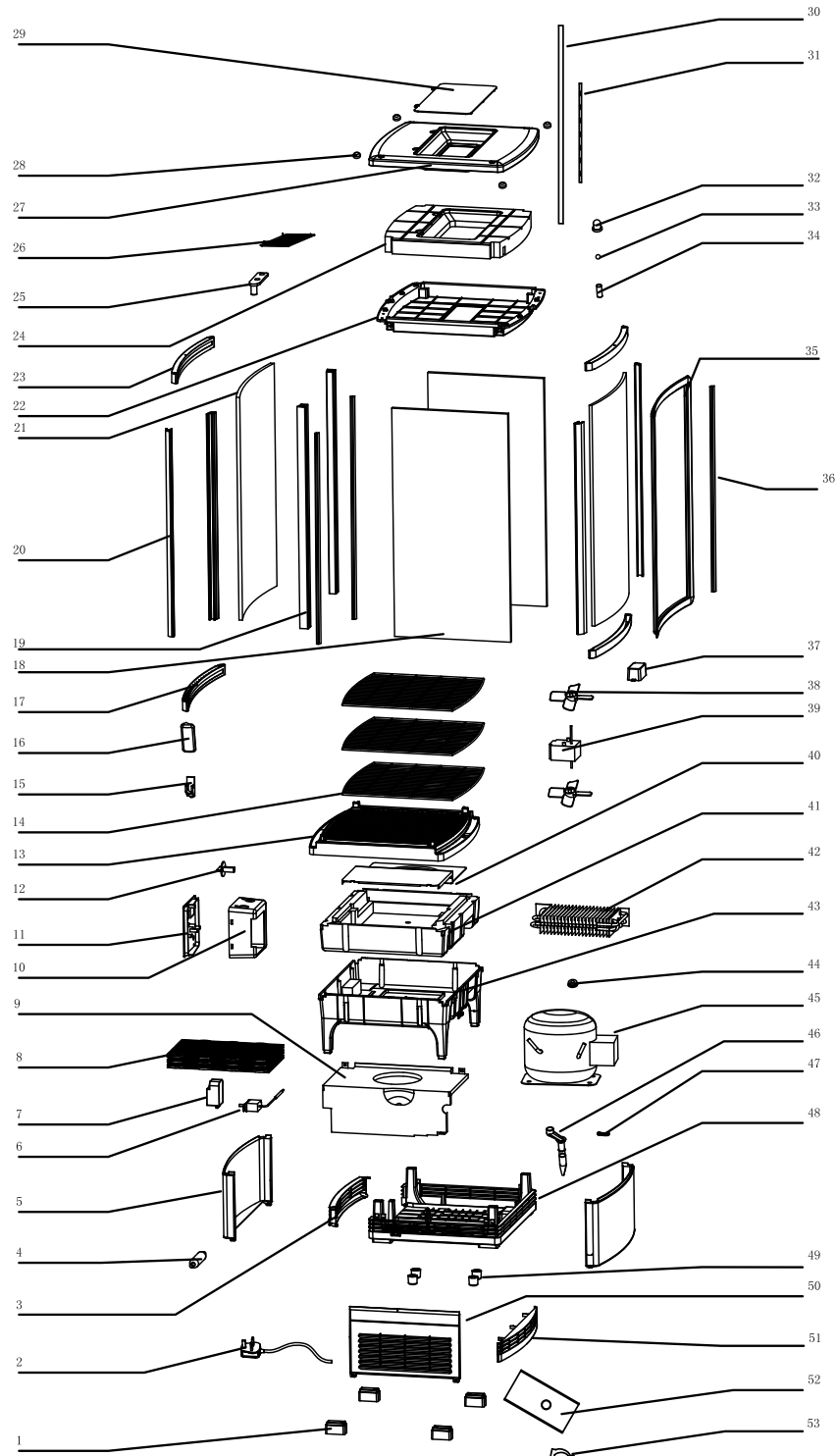
Parts Breakdown

Model RS-CN-0078-S 25826

Item No.	Description	Position	Item No.	Description	Position	Item No.	Description	Position
30563	Base Foot for RT78L-1R	1	30601	Pole for RT78L-1R	20	30593	Light Tube for RT78L-1R	39
30621	Power Cord for RT78L-1R	2	30584	Door Glass for RT78L-1R	21	30607	Fan Blade for RT78L-1R	40
30565	Plastic Door for RT78L-1R	3	30598	Light Ceiling for RT78L-1R	22	30608	Fan Motor for RT78L-1R	41
30624	Dry Filter for RT78L-1R	4	30597	Switch for RT78L-1R	23	30576	Evaporator Protect Board for RT78L-1R	42
79666	Curved Front Base Panel for RT78L-R1	5	30589	Lamp Insert Foam for RT78L-1R	24	30609	Foam Base of Evaporator for RT78L-1R	43
30568	Thermostat for RT78L-1R	6	30587	Upper Gemel for RT78L-1R	25	30612	Evaporator for RT78L-1R	44
30569	Defrost Timer for RT78L-1R	7	79665	Transparent Light Ceiling for RT78L-R1	26	30614	Plastic Base for RT78L-1R	45
30571	Condensator for RT78L-1R	8	30591	Upper Cover for RT78L-1R	27	30613	Motor Fixed Ring for RT78L-1R	46
30572	Condensator Cushion for RT78L-1R	9	30592	Screw Cover for RT78L-1R	28	30615	Compressor for RT78L-1R	47
30573	Control Box for RT78L-1R	10	30588	Outer Light Cover for RT78L-1R	29	30616	Upper/Bottom Seep Tube for RT78L-1R	48
30574	Control Panel for RT78L-1R	11	30603	Side Stainless Iron Piece for RT78L-1R	30	30617	Wire Board for RT78L-1R	49
30575	Control Knob for RT78L-1R	12	30602	Top and Bottom Stainless Iron Piece for RT78L-1R	31	30618	Plastic Fence for RT78L-1R	50
30577	Vent Tray for RT78L-1R	13	30595	Ballast for RT78L-1R	32	30567	Front Grill FOR RT78L-1R	51
30579	Shelf for RT78L-1R	14	30604	Bush for RT78L-1R	33	79663	Circular Pad for RT78L-R1	52
30578	Shelf Clip for RT78L-1R	15	30605	Steel Ball for RT78L-1R	34	30564	Side Grill for RT78L-1R	53
30580	Handle for RT78L-1R	16	30606	Door Pin for RT78L-1R	35	79662	Metal Base of Fan Motor for RT78L-R1	54
30583	Upper Door Frame for RT78L-1R	17	30600	Rear Glass for RT78L-1R	36	60140	Hook for Insulation Pipe for RT78L-R1	55
30599	Side Glass for RT78L-1R	18	79664	Black Pole for RT78L-R1	37			
30585	Front Pole for RT78L-1R	19	30586	Door Gasket for RT78L-1R	38			

Parts Breakdown

Model RS-CN-0078-D 25827



Parts Breakdown

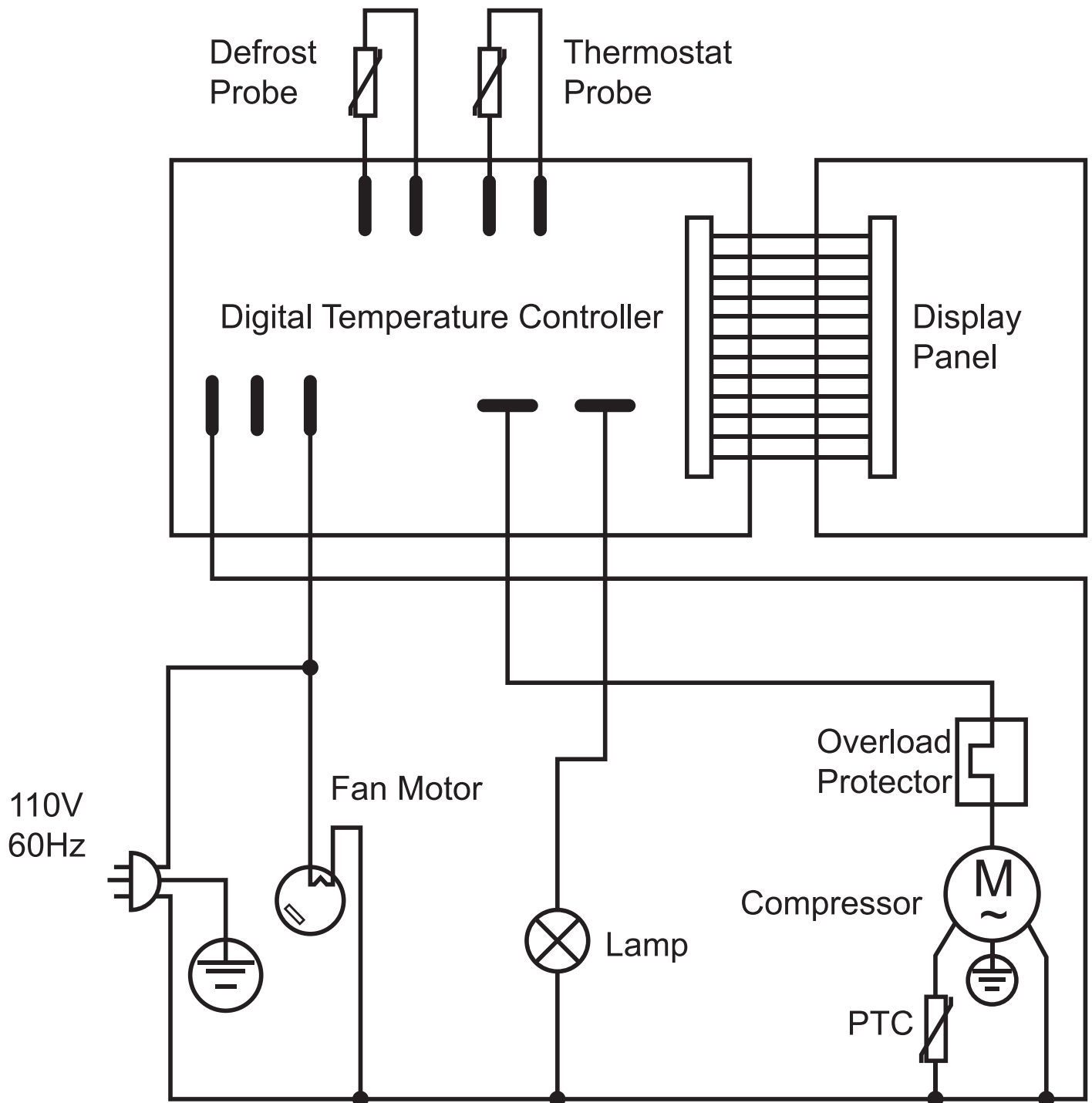
Model RS-CN-0078-D 25827

Item No.	Description	Position	Item No.	Description	Position	Item No.	Description	Position
30626	Base Foot for RT78L-2R	1	30585	Front Pole for RT78L-2R	19	30656	Ballast for RT78L-2R	37
30621	Power Cord for RT78L-2R	2	30661	Pole for RT78L-2R	20	30667	Fan Blade for RT78L-2R	38
30628	Plastic Door for RT78L-2R	3	30584	Door Glass for RT78L-2R	21	30668	Fan Motor for RT78L-2R	39
30683	Dry Filter for RT78L-2R	4	30659	Light Ceiling for RT78L-2R	22	30670	Evaporator Protect Board for RT78L-2R	40
79666	Curved Front Base Panel for RT78L-2R	5	79667	Upper Door Frame for RT78L-2R	23	30669	Foam Base of Evaporator for RT78L-2R	41
30631	Thermostat for RT78L-2R	6	30650	Lamp Insert Foam for RT78L-2R	24	30671	Evaporator for RT78L-2R	42
30632	Defrost Timer for RT78L-2R	7	30648	Upper Gemel for RT78L-2R	25	30673	Plastic Base for RT78L-2R	43
30634	Condensator for RT78L-2R	8	79665	Transparent Light Ceiling for RT78L-2R	26	30672	Motor Fixed Ring for RT78L-2R	44
30635	Condensator Cushion for RT78L-2R	9	30652	Upper Cover for RT78L-2R	27	30674	Compressor for RT78L-2R	45
30636	Control Box for RT78L-2R	10	30653	Screw Cover for RT78L-2R	28	30675	Upper/Bottom Seep Tube for RT78L-2R	46
30637	Control Panel for RT78L-2R	11	30649	Outer Light Cover for RT78L-2R	29	30676	Wire Board for RT78L-2R	47
30638	Control Knob for RT78L-2R	12	30665	Side Stainless Iron Piece for RT78L-2R	30	30677	Plastic Fence for RT78L-2R	48
30640	Vent Tray for RT78L-2R	13	30666	Top and Bottom Stainless Iron Piece for RT78L-2R	31	79663	Circular Pad for RT78L-2R	49
30642	Shelf for RT78L-2R	14	30662	Bush for RT78L-2R	32	30627	Side Grill for RT78L-2R	50
30641	Shelf Clip for RT78L-2R	15	30663	Steel Ball for RT78L-2R	33	30678	Insert Parts for RT78L-2R	51
30643	Handle for RT78L-2R	16	30664	Door Pin for RT78L-2R	34	79662	Metal Base of Fan Motor for RT78L-2R	52
30646	Upper Door Frame for RT78L-2R	17	30647	Door Gasket for RT78L-2R	35	60140	Hook for Insulation Pipe for RT78L-2R	53
30660	Side Glass for RT78L-2R	18	30654	Light Tube for RT78L-2R	36			

Electrical Schematics

Model RS-CN-0078-S 25826

Model RS-CN-0078-D 25827





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



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.

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.

