



Convection Ovens

Models CE-CN-0021, 0047, 0066

Items 43217, 43218, 45599

Instruction Manual



Revised - 06/19/2025



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



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Model CE-CN-0021 / Model CE-CN-0047 / Model CE-CN-0066

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General Information

Omcman Manufacturing and Distributing Company Inc., Food Machinery of America, Inc. dba Omcman and Omcman 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 Omcman 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 Omcman 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. Omcman 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.

Omcman 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.

Omcman Fabrication et distribution Compagnie Limitée et Food Machinery d'Amérique, dba Omcman et Omcman 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, saine 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'Omcman 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 Omcman 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. Omcman n'a aucun droit de recours pour les produits endommagés qui ont été expédiés ou cueillis par un tiers transporteur.

Avant d'utiliser n'importe quel équipement, toujours lire et vous familiariser avec toutes les opérations et les

General Information

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

When using electrical appliances, basic safety precautions should always be followed, including the following:

1. READ ALL INFORMATION BEFORE USE.
2. For commercial use only.
3. Do not touch hot surfaces.
4. Protect against electrical shock by keeping all cords, plugs, and other electrical components away from water or other liquids.
5. Unplug this unit when not in use and before cleaning.
6. Allow the unit to cool before putting on or taking off parts.



Safety and Warranty

7. Do not operate this or any appliance with a damaged electrical cord or plug.
8. Do not operate this or any appliance after it has malfunctioned or been damaged in any way.
9. Do not use outdoors.
10. Do not place on or near a hot gas or electric burner.
11. Attach plug to appliance first, then plug electrical cord into the wall outlet.
12. Disconnect the unit by turning the temperature and timer control to "OFF" and "0", then removing the electrical plug from the wall outlet.
13. Do not use appliance for any application other than intended use.
14. Do not insert metal utensils or oversized foods into this unit as they may cause a fire and heighten the risk of electrical shock.
15. Do not store any item on top of this unit when in operation.
16. Do not allow this oven to touch or be covered by flammable material, such as curtains, draperies, walls, etc., when in operation.
17. Do not clean with metal scouring pads as pieces can break off and touch electrical components, heightening the risk of electrical shock.
18. Never place materials such as paper, cardboard, plastic, etc. in this oven.
19. Do not cover interior of this unit with metal foil as it may cause the oven to overheat.
20. Avoid scratching the surface or nicking the edges of this unit's tempered, safety glass door. If the oven door has a scratch or nick, contact customer service before use.
21. Turn the appliance off by turning the temperature and timer control to the "OFF" and "0" position.
22. Note that the use of accessories not recommended by the manufacturer may result in injury.
23. This appliance can be used by children aged from 8 years old and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
24. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard. The bread may burn, therefore do not use the toaster near or below combustible material, such as curtains.
25. When using the appliance in shops, snack bars, hotels etc., check the voltage and outlet to make sure the appliance is correctly connected with power.
26. Place unit on a flat surface that is well ventilated. The appliances must be supervised during operation, DO NOT leave appliance without powering off.
27. The connector must be removed before the appliance is cleaned and that the appliance inlet must be dried before the appliance is used again.
28. The door or outer surface may get hot when the appliance is operating.

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.

1 YEAR PARTS AND LABOR BENCH 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.

Safety and Warranty

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

Model	CE-CN-0021	CE-CN-0047	CE-CN-0066
Item Number	43217	43218	45599
Power	1440 W	1600 W	2800 W
Number of Racks	3	4	
Pans Size*	1/4	1/2	
	13" x 9.1" / 330 x 230mm	18.1" x 13" / 460 x 330mm	
Temperature Range	65.6 - 260°C / 150 - 500°F		
Capacity	21 L / 0.74 cu.ft.	47 L / 1.66 cu.ft.	66 L / 2.33 cu.ft.
Electrical	110-120V / 60Hz / 1		220V / 60Hz / 1
Adjustable Timer	0 - 120 minutes		
Weight	32.4 lbs. / 14.7 kgs.	43.4 lbs. / 19.7 kgs.	52 lbs. / 23.6 kgs.
Packaging Weight	37 lbs. / 16.8 kgs.	49.2 lbs. / 22.3 kgs.	59.5 lbs. / 27 kgs.
Dimensions	18.7" x 19.8" x 15" 475 x 503 x 380mm	22.8" x 22.4" x 16" 580 x 570 x 406mm	22.8" x 22.4" x 20.1" 580 x 570 x 510mm
Packaging Dimensions	22.2" x 22.2" x 17.9" 565 x 565 x 455mm	25.6" x 25.6" x 18.3" 650 x 650 x 465mm	23.6" x 25.6" x 22.8" 600 x 650 x 580mm

*Pans not included.

INSTRUCTIONS TO REMOVE / INSTALL THE FRONT DOOR

STEP 1



STEP 2



Installation

STEP 3



STEP 4



Operation

BEFORE USING YOUR OVEN

Before cooking anything in your oven for the first time, please follow these simple instructions:

Using a small amount of detergent, wash the handle and roasting racks with soapy water. (NOTE: do not use a spray or abrasive polishing agent.) Gently wipe down interior walls with a damp cloth. While washing this unit, do not touch the electric heating element. Do not soak the inside of the oven with water.

After washing and thoroughly drying the surfaces noted above, place the roasting racks back inside the oven. Close the oven door and preheat the oven to its highest temperature setting for 5 minutes.



Operation

Turn off the heating elements and open the oven door in order to remove any smoky residue from inside the oven. The heating elements are well lubricated and this initial use will help burn off the extra grease. A light amount of smoke is normal during this process.

USING YOUR OVEN

To start your oven, you need to turn on the temperature dial to set your desired cooking temperature, and turn on the timer dial to set the cooking time.

This appliance is intended to be operated by means of an external timer or separate remote-control system.

CAUTION: during the baking process, make sure that no metal accessory comes in contact with the electric heating elements.
CAUTION: foods baked in this oven will be hot. Wear protective hand coverings when reaching into oven to retrieve food.

TYPICAL OPERATION SEQUENCE

ACTION	RESULT
Plug in your oven.	Power is connected but power light will go on after turning the temperature dial.
Adjust temperature control knob.	Heating indicator light comes on; heating elements begin to heat up.
Temperature light shuts off.	Oven has reached desired temperature.
Load product into oven.	Product will begin to cook.
Set timer to desired cook time between 0-120 min.	Timer starts timing down.
Timer reaches zero.	Timer chimes.
Unload oven.	Product will be cooked/hot; use caution removing it from the oven.

TIMER

The range of the timer on this unit is 0-120 minutes. Turning the timer to the “0” position, the cooking time is over and the timer will “ding” to alert.

If you need to reset the baking time while the oven is in operation, simply turn the timer to a new position. The oven will reset the time according to the revised requirement without needing to be turned off.

When the set baking time has been reached, the oven will chime.

TEMPERATURE CONTROL KNOB

The temperature range of this unit is 150 - 500 Fahrenheit Degree for all models. This thermostatic switch

Operation

controls the temperature inside the oven and helps to maintain the proper temperature during various heating, roasting, and baking applications.

POWER AND TEMPERATURE INDICATOR LIGHT

Anytime this appliance is connected to the power supply with the temperature knob turned on, the power and heating indicator light will be on and the fan motor will begin to operate.

PROTECTION COMPONENT

If the temperature of this oven reaches an unsafe limit, the electrical components will shut off and it will stop operating in order to prevent overheating.

Maintenance

CLEANING AND MAINTAINING YOUR OVEN

To clean, first remove the power cord's plug from the wall outlet. Wait for the oven to cool. Use a damp cloth or sponge to gently wipe down the inside of the oven. Avoid soaking the inside of the oven or washing it in running water as this will cause serious damage to the unit.

The food racks and food trays are good for dish washer machine, or just clean with soft cloth after every use, then clean with dry cloth before putting back into the oven.

Troubleshooting

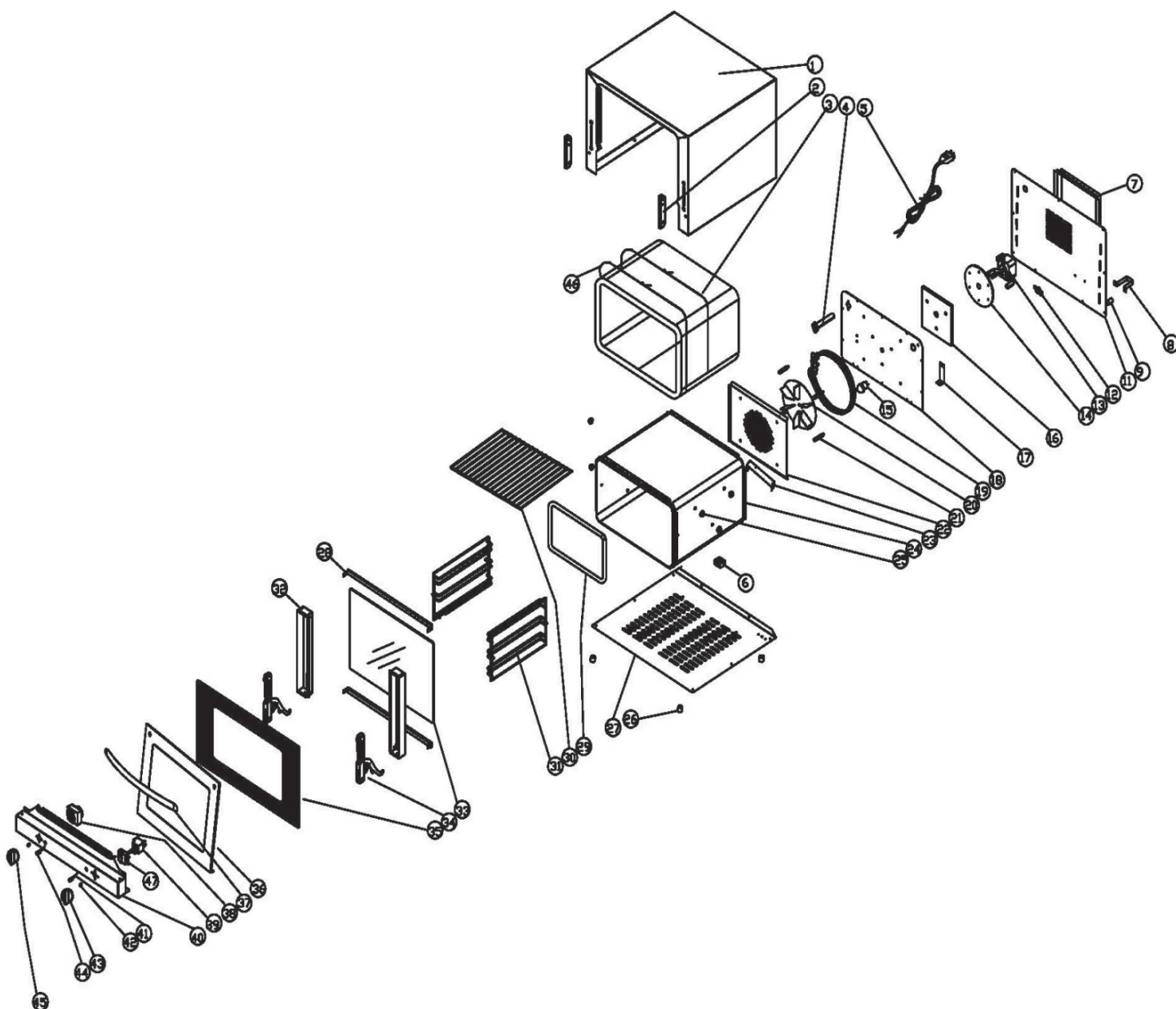
Problem	Possible Solutions
The oven does not become hot after being switched on.	Be sure that the timer switch is set.
	Be sure that the temperature control knob is set.
There is a metallic sound when the oven is in use.	Do not attempt to dismantle the oven.
	Contact your service agent right away to examine the fan.
Food is often overcooked or burned, even when cooked according to the recipe.	Check that the fan motor is operating normally.
	Contact your service agent to examine the temperature control knob.

Parts Breakdown

Model CE-CN-0021 43217

Model CE-CN-0047 43218

Model CE-CN-0066 45599



Parts Breakdown

Model CE-CN-0021 43217

Item No.	Description	Position	Item No.	Description	Position	Item No.	Description	Position
62243	Shell for 43217	1	62256	Connection Plate for 43217	17	62270	Tray Grid for 43217	31
62244	Hinge Wheels for 43217	2	62257	Middle Board for 43217	18	62271	Left and Right Door Trim for 43217	32
62245	Glass Fiber Insulation for 43217	3	62258	Heating Element for 43217	19	62272	Tempered Inner Glass for 43217	33
62246	SPCC Chrome Plated Exhaust Pipe for 43217	4	62259	Fan Blade for 43217	20	62273	Hinge Assembly for 43217	34
62247	Power Cord for 43217	5	62260	Connection Pole for 43217	21	62274	Outer Tempered Glass for 43217	35
62248	Terminal for 43217	6	62261	Wind Board for 43217	22	62275	Front Door Frame for 43217	36
66166	Heat Insulation Board for 43217	7	62262	Sensor Fixture for 43217	23	62276	Aluminum Alloy Handle for 43217	37
62249	Space Holder for 43217	8	62263	Interior for 43217	24	62278	Thermostat for 43217	39
62250	Wire Buckle for 43217	9	62264	Grid Screws for 43217	25	62279	Control Panel for 43217	40
62251	Rear Board for 43217	11	62265	Feet for 43217	26	62280	Heating Light for 43217	41, 44
62252	Temperature Cut-Out for 43217	12, 38	62266	Bottom Board for 43217	27	62281	Knob Spring Plate for 43217	42
62253	Motor for 43217	13	62267	Up and Bottom Door Clip for 43217	28	62282	Thermostat Knob for 43217	43, 45
62254	Motor Base for 43217	14	62268	Door Seal for 43217	29	62285	Insulation Ties for 43217	46
62255	Glass Fiber Motor Insulation for 43217	16	62269	Tray 13.75 x 11" for 43217	30	62286	Switch for 43217	47

Model CE-CN-0047 43218

Item No.	Description	Position	Item No.	Description	Position	Item No.	Description	Position
62287	Shell for 43218	1	62256	Connection Plate for 43218	17	62298	Tray Grid for 43218	31
62288	Hinge Wheels for 43218	2	62292	Middle Board for 43218	18	62299	Left and Right Door Trim for 43218	32
62289	Glass Fiber Insulation for 43218	3	62293	Heating Element for 43218	19	62300	Tempered Inner Glass for 43218	33
62246	SPCC Chrome Plated Exhaust Pipe for 43218	4	62259	Fan Blade for 43218	20	62301	Hinge Assembly for 43218	34
62290	Power Cord L=1.98M for 43218	5	62260	Connection Pole for 43218	21	62302	Tempered Outer Glass for 43218	35
62248	Terminal for 43218	6	62261	Wind Board for 43218	22	62303	Front Door Frame for 43218	36
66166	Heat Insulation Board for 43218	7	62262	Sensor Fixture for 43218	23	66169	Aluminum Alloy Handle for 43218	37
62249	Space Holder for 43218	8	62295	Interior for 43218	24	62278	Thermostat for 43218	39
62250	Wire Buckle for 43218	9	62264	Grid Screws for 43218	25	62304	Control Panel for 43218	40
62291	Rear Board for 43218	11	62265	Feet for 43218	26	62280	Heating Light for 43218	41, 44
62252	Temperature Cut-Out for 43218	12, 38	62296	Bottom Board for 43218	27	62281	Knob Spring Plate for 43218	42
62253	Motor for 43218	13	66167	Up and Bottom Door Clip for 43218	28	62282	Thermostat Knob for 43218	43, 45
62254	Motor Base for 43218	14	62297	Door Seal for 43218	29	62285	Insulation Ties for 43218	46
62255	Glass Fiber Motor Insulation for 43218	16	66168	Tray for 43218	30	62286	Switch for 43218	47

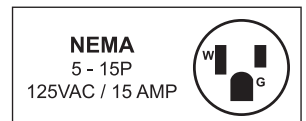
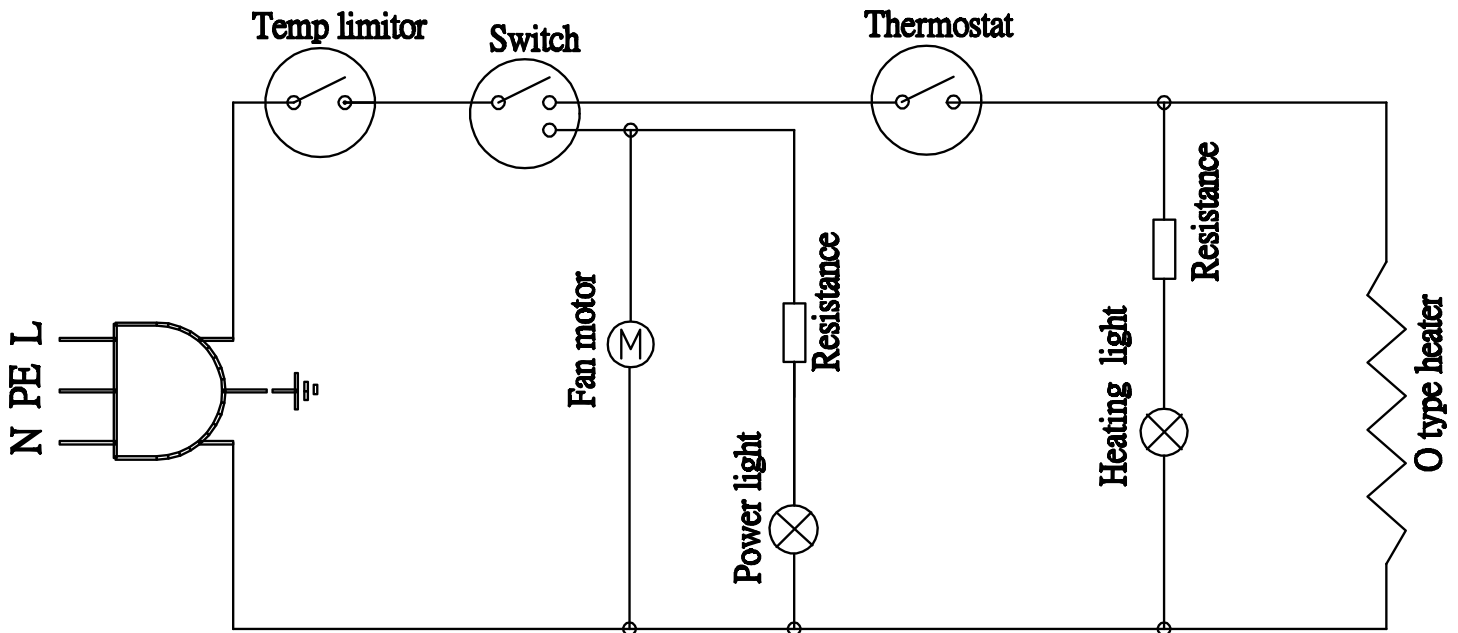
Parts Breakdown

Model CE-CN-0066 45599

Item No.	Description	Position	Item No.	Description	Position	Item No.	Description	Position
63901	Shell for 45599	1	62256	Connection Plate for 45599	17	62298	Tray Grid for 45599	31
63902	Hinge Wheels for 45599	2	63915	Middle Board for 45599	18	63929	Left and Right Door Trim for 45599	32
63903	Glass Fiber Insulation for 45599	3	63916	Heating Element for 45599	19	63930	Complete Door for 45599	33, 35
62246	SPCC Chrome Plated Exhaust Pipe for 45599	4	62259	Fan Blade for 45599	20	63931	Hinge Assembly for 45599	34
63905	Power Cord for 45599	5	63918	Connection Pole for 45599	21	63933	Front Door Frame for 45599	36
62248	Terminal for 45599	6	62261	Wind Board for 45599	22	66169	Aluminum Alloy Handle for 45599	37
66166	Heat Insulation Board for 45599	7	62262	Sensor Fixture for 45599	23	62278	Thermostat for 45599	39
62249	Space Holder for 45599	8	63921	Interior for 45599	24	62304	Control Panel for 45599	40
62250	Wire Buckle for 45599	9	62264	Grid Screws for 45599	25	63938	Heating Light for 45599	41, 44
63909	Rear Board for 45599	11	62265	Feet for 45599	26	62281	Knob Spring Plate for 45599	42
62252	Temperature Cut-Out for 45599	12, 38	63924	Bottom Board for 45599	27	62282	Thermostat Knob for 45599	43, 45
63911	Motor for 45599	13	66167	Up and Bottom Door Clip for 45599	28	62285	Insulation Ties for 45599	46
62254	Motor Base for 45599	14	63926	Door Seal for 45599	29	62286	Switch for 45599	47
62255	Glass Fiber Motor Insulation for 45599	16	66168	Tray for 45599	30			

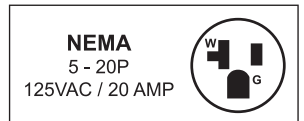
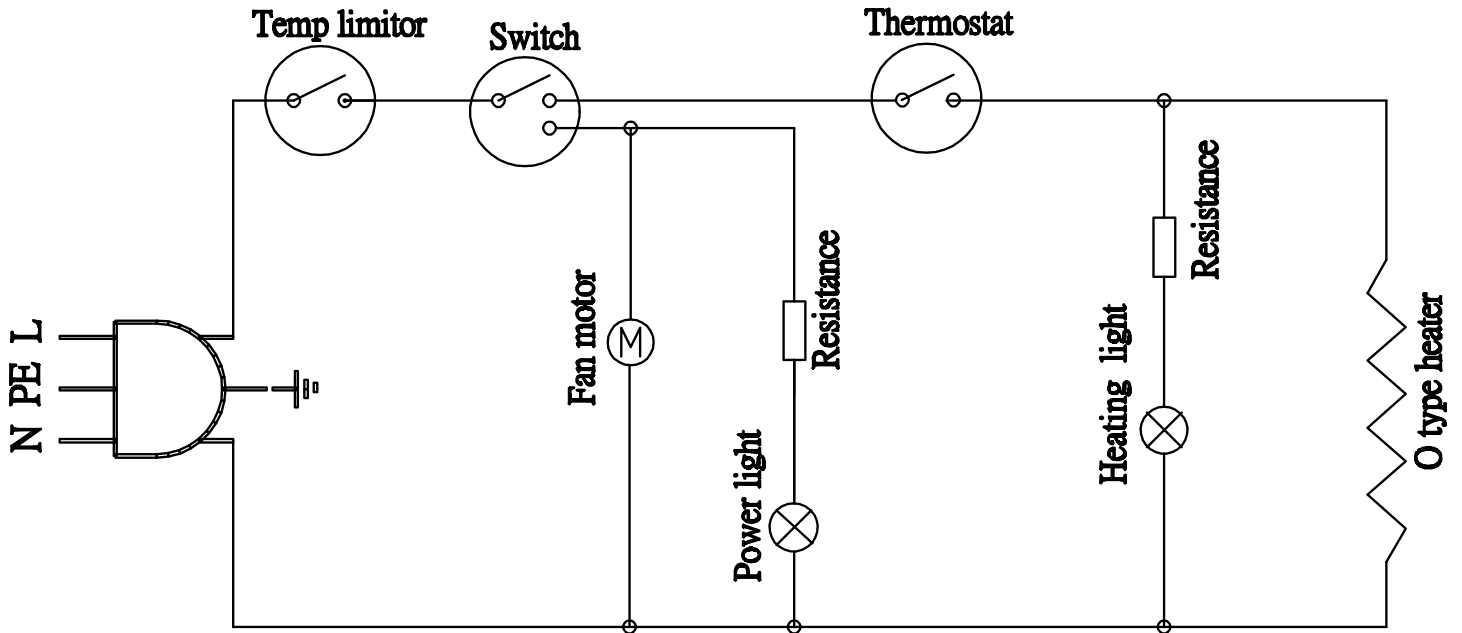
Electrical Schematics

Model CE-CN-0021 43217



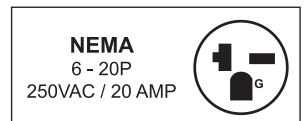
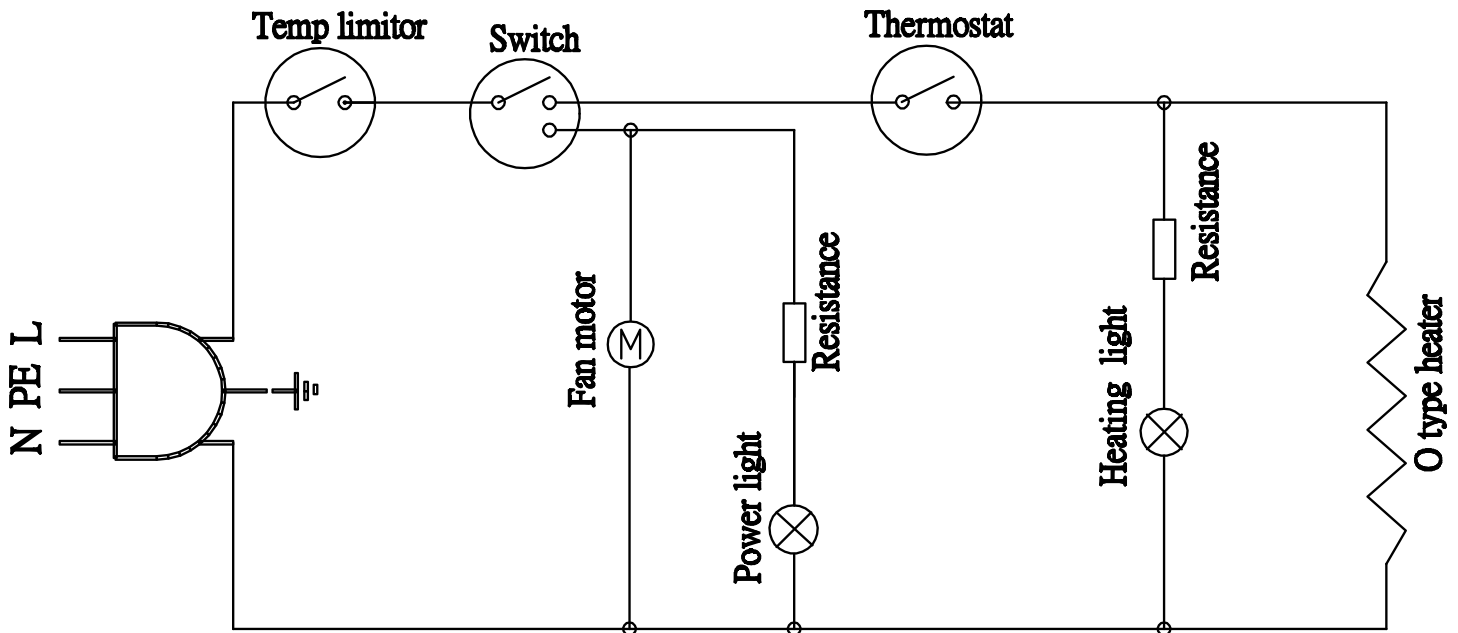
Electrical Schematics

Model CE-CN-0047 43218



Electrical Schematics

Model CE-CN-0066 45599



Notes

[illegible]

Notes

[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:

<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: _____

Model Name: _____ Model Number: _____

Machine Description: _____

Date of Purchase (MM/DD/YYYY): _____

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

Company Name: _____

Telephone: _____

Email Address: _____

Type of Company: _____

☐ Restaurant ☐ Bakery ☐ Deli

☐ Butcher ☐ Supermarket ☐ Caterer

☐ Institution (*specify*): _____

☐ Other (*specify*): _____

Serial Number: _____

Date of Installation (MM/DD/YYYY): _____

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 6,500 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 6500 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 6,500 productos con origen a nivel mundial.

