



Refrigerated Showcases

Models FR-CN-0160-R, 0260-R, 0360-R, 0460-R, 0560-R
Items 46492, 46493, 46494, 46495, 46730

Instruction Manual



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Disclaimer

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.

OMCAN N'EST PAS RESPONSABLE DES DOMMAGES DUS AUX FUITES D'EAU. LA GARANTIE POUR LES FUITES D'EAU EST ANNULÉE SI LA TEMPÉRATURE AMBIANTE DE LA PIÈCE DÉPASSE 75°F ET 55% D'HUMIDITÉ RELATIVE, ET SI LE DRAIN DE L'APPAREIL N'EST PAS RACCORDÉ DIRECTEMENT À UN DRAIN DE PLANCHER.

OMCAN NO SE HACE RESPONSABLE DE LOS DAÑOS CAUSADOS POR FUGAS DE AGUA. LA GARANTÍA POR FUGAS DE AGUA QUEDA ANULADA SI LA TEMPERATURA AMBIENTE SUPERA LOS 75°F Y EL 55% DE HUMEDAD RELATIVA, Y EL DESAGÜE DEL APARATO NO ESTÁ CONECTADO DIRECTAMENTE A UN DESAGÜE DE PISO.

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, 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'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 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

CAUTION FOR USING

1. Unpack all packages before using the showcase. Don't bend it over more than 60° while moving it.
2. The showcase should be installed in the environment of good ventilation, Cool and dry and without corrosive gas. It should not be installed close to heat sources or directly under the sunlight. The space more than 10cm between the wall of the front and the back of the showcase should be allowed. When installing, the universal wheels should be padded well. So as to make the showcase be level and stable, or it will cause vibration and too much noise.

Safety and Warranty

3. When initial operation, the refrigerator should run empty for about one hour before storing food in it.
4. Before placing food into the freezer, adjust the temperature control to the lowest point (highest number) and let it run until the temperature of inner cabinet decreases to 0°F. Put the food in, and after 12 hours adjust the temperature control to the normal point.
5. The thermostat could adjust the temperature inside the showcase. When you turn the knob in clockwise. The bigger the figure, the lower the temperature. Generally, the position of '4' is suitable. '0' position stand for stopping operation. 'Max' position will be operating not continually as compressor won't stop (no cycle). Turn the temperature control to the "4" or "5" when temperature inside is stable for ice cream and similar products.
6. Never store flammable, explosive or corrosive products in the freezer, and keep the freezer away from such materials.
7. If power is cut off, wait at least 5 minutes before turning on again to avoid damage to the compressor.
8. To save energy, the door should not be frequently opened for left open for a long time.
9. The surface and the inside of the showcase should be dry and clean. Long term moisture with cause the showcase rust slowly. (There will be some stains on the surface.)
10. Periodical cleaning is suggested for your reference. Generally, 30-45 days once is best. When cleaning, it is best to wipe the inside and the surface of the showcase with the soft cloth with neutral soap or detergent.

Attention: to ensure safety, the power plug must be pulled out before cleaning. All safety precautions must be followed. Dispose of properly in accordance with Federal or local regulations. Risk of fire or explosion due to puncture of refrigerant tubing. Follow handling instructions carefully.

DANGER: risk of fire or explosion. Flammable refrigerant R290 used. To be repaired only by trained service personnel. Do not use mechanical devices to defrost refrigerator. Do not puncture refrigerant tubing.

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 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.

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)

Safety and Warranty

according to the current norms.

DO NOT DISCARD ANY PACKAGING MATERIALS IN THE ENVIRONMENT!

Technical Specifications

Model	FR-CN-0160-R	FR-CN-0260-R	FR-CN-0360-R	FR-CN-0460-R	FR-CN-0560-R
Item Number	46492	46493	46494	46495	46730
Capacity	155.7 L / 5.5 cu.ft.	269 L / 9.5 cu.ft.	371 L / 13.1 cu.ft.	470.1 L / 16.6 cu.ft.	566.3 L / 20 cu.ft.
Compressor Power	1/4+ HP	1/3+ HP	2/5+ HP	1/2+ HP	2/3+ HP
Power	210 W	265 W	270 W	330 W	295 W
Current	3A	3.5A	4A		
Number of Doors	2				
Number of Baskets Included	2	3	4	5	6
Max. Basket Capacity	2	3	4	5	6
Temperature Range	-26 to 4°C / -15 to 40°F				
Max Ambient Temp Rating	24°C / 75°F				
Refrigerant	R290				
Electrical	110-120V / 60Hz / 1				
Dimensions	28.1" x 26.2" x 34.4" 715 x 665 x 875mm	28.1" x 39" x 34.4" 715 x 990 x 875mm	28.1" x 50" x 34.4" 715 x 1260 x 875mm	28.1" x 60.2" x 34.4" 715 x 1530 x 875mm	28.1" x 70.9" x 34.4" 715 x 1800 x 875mm
Weight	101 lbs. / 45.8 kgs.	128 lbs. / 58 kgs.	154 lbs. / 70 kgs.	172 lbs. / 78 kgs.	194 lbs. / 88 kgs.
Packaging Dimensions	30" x 29.1" x 37.4" 762 x 740 x 950mm	30" x 42" x 37.4" 762 x 1067 x 945mm	30" x 52.6" x 37.4" 762 x 1336 x 950mm	30" x 63.2" x 37.4" 762 x 1605 x 950mm	29.9" x 73.8" x 37.4" 760 x 1875 x 950mm
Packaging Weight	115 lbs. / 52.2 kgs.	143 lbs. / 65 kgs.	174 lbs. / 79 kgs.	192 lbs. / 87 kgs.	216.1 lbs. / 98 kgs.

Operation

FOOD STORAGE

- Do not fill the freezer full of products. You should leave space between items and the inner surface of the cabinet, so as to keep good ventilation of cold air and freeze evenly. Do not put in any bottled or canned beverage with freezing point above the temperature in the cabinet when it is below zero.
- For foods that should be moisture-free or lose water easily, wrap them up with hermetical food bags or fresh films before putting in the cabinet for the sake of avoiding smell-mixing and reducing frosting.

Operation

- Storage of volatile and combustible gases, liquids such as strong alkalies, strong acids, petrol ,etc. is forbidden.
- Never put hot food directly in the freezer. Food should be cold or frozen before placing it inside.
- The cabinet is intended exclusively for the storage and/or display of packaged foods only.

Maintenance

- The freezer should be cleaned regularly. When cleaning, turn off the power, take out the food in the cabinet, clean the inside using water or a little neutral detergent.
- Do not use boiling water, acid, chemical diluents, petrol and oil, or dirt-removing powder.
- Dry it after cleaning.
- Use light soap water when cleaning the door seal, apply a little of talcum powder on it after natural drying to extend its service life.
- Use soft cloth with water or a little detergent to clean the out surface. Note, keeping the power supply and lower part of connect wires away from water to avoid electricity leakage.
- Except common breakdowns, those who are not service technician should not take apart and repair the freezer on their own so as to avoid worsening the trouble. Unauthorized repair of electrical part such as compressor, temperature controller is forbidden.

DEFROSTING

- Defrost for better freezing efficiency when the frost film in the cabinet is 4-5mm thick.
- When defrosting, turn off the power, take out the frozen foods, open the door for warming and melting. Use a soft cloth to absorb water and clean it up.
- Do not use sharp metal tools such as steel brush to clean the frost film when defrosting so as to avoid evaporator damage.

Troubleshooting

Problem	Possible Cause	Solution
The indicator is not on. The compressor does not start.	The plug isn't fully connected to the socket.	Replug it.
	No power.	Connect the socket with power.
The indicator is on, but the compressor doesn't work and buzzes only.	The power voltage is <98V.	Put a power-regulator more than 1000W power together.
The compressor stops a minute after start, and restart after a few minutes, and so repeatedly.	The power voltage is >132V.	Put a power-regulator more than 1000W power together.

Troubleshooting

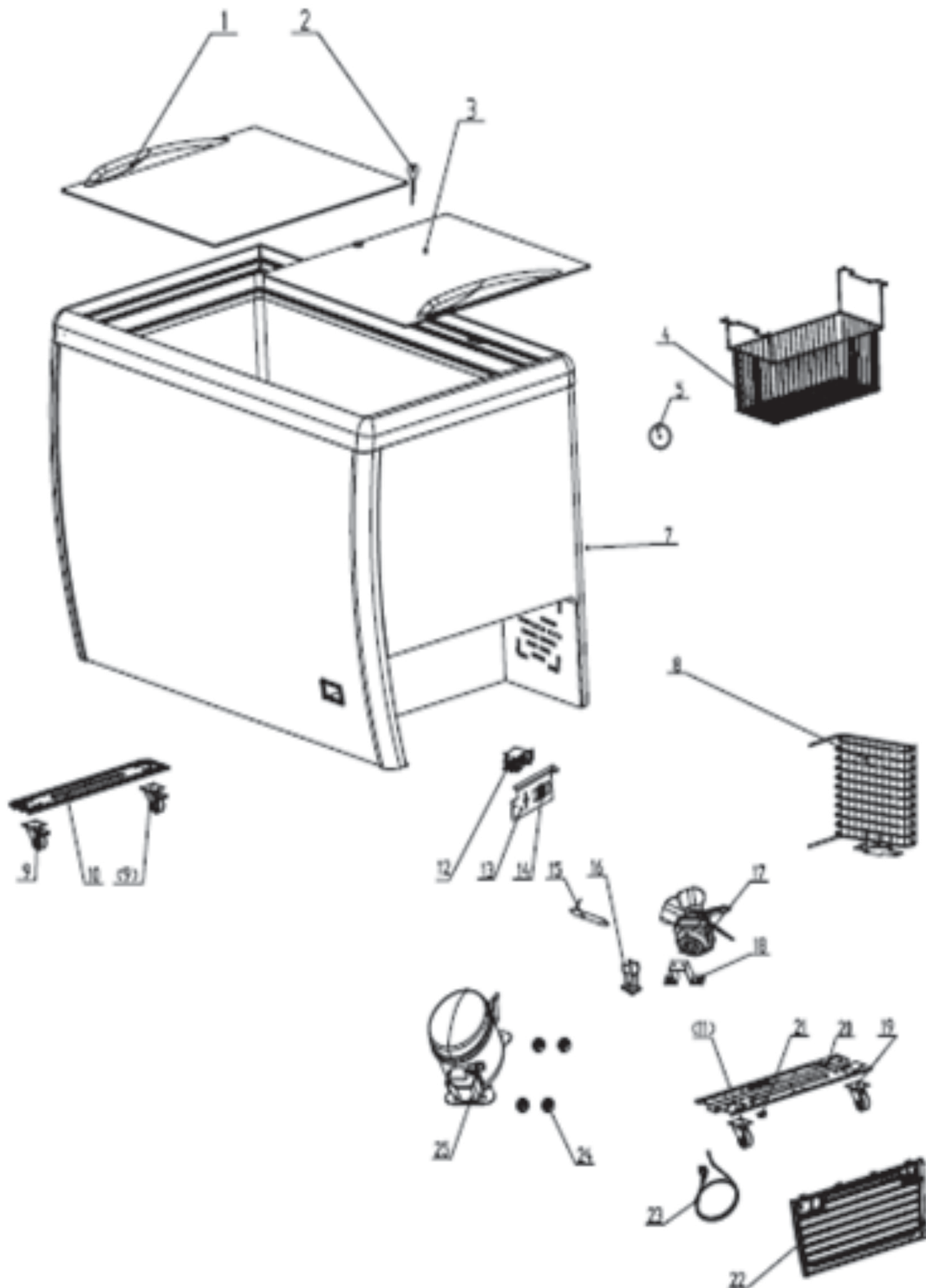
Problem	Possible Cause	Solution
The compressor works normally, but the temperature in the cabinet lowers too slowly.	The door is opened too frequently.	Reduce open times.
	The food in the cabinet is too much, or placed improperly.	Place foods properly, keep space between them for ventilation of cold air.
	The frost film is too thick.	Take out foods and defrost.
	The surface of the condenser is too dirty.	Stop and clean the condenser.
	The door seals badly.	Adjust the door seal.
The noise is too loud.	The freezer is placed unstably.	Place it stably.
	The fixing of the freezer is loose.	Tighten the fixing.
	There's contact between pipes.	Separate them.

THE FOLLOWING ARE NOT FAULTS:

- When the freezer is working or after stopping for a while, the refrigerant in the pipes is cycling and gives out "running water" sounds.
- The surface temperature of the compressor may be up 70~80°C when it is working.
- The back side of step freezer gives out heat.
- In rainy season, the outer surface of the cabinet may have dew, which makes no defects on normal use. Just dry it with a piece of cloth.

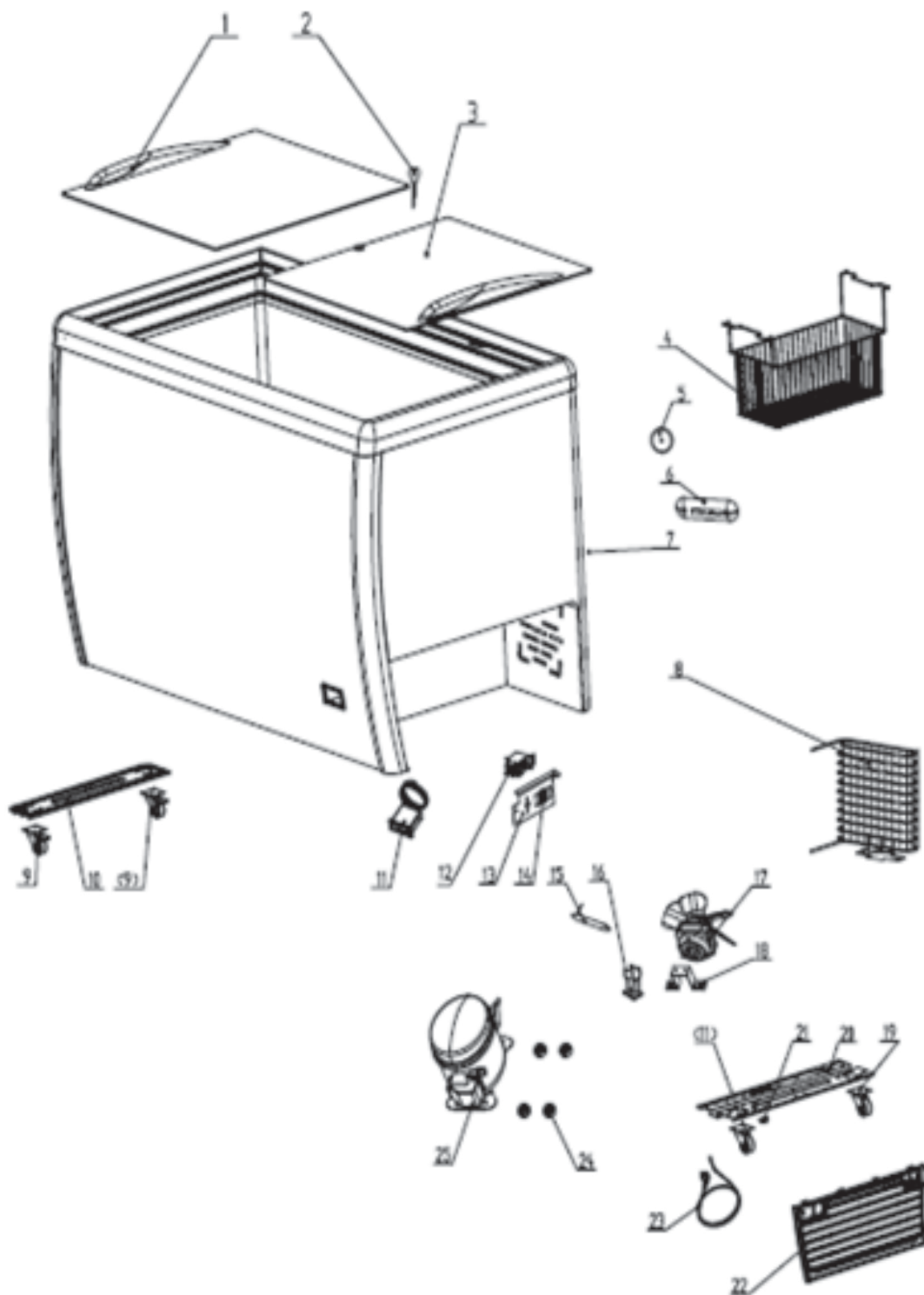
Parts Breakdown

Model FR-CN-0160-R 46492



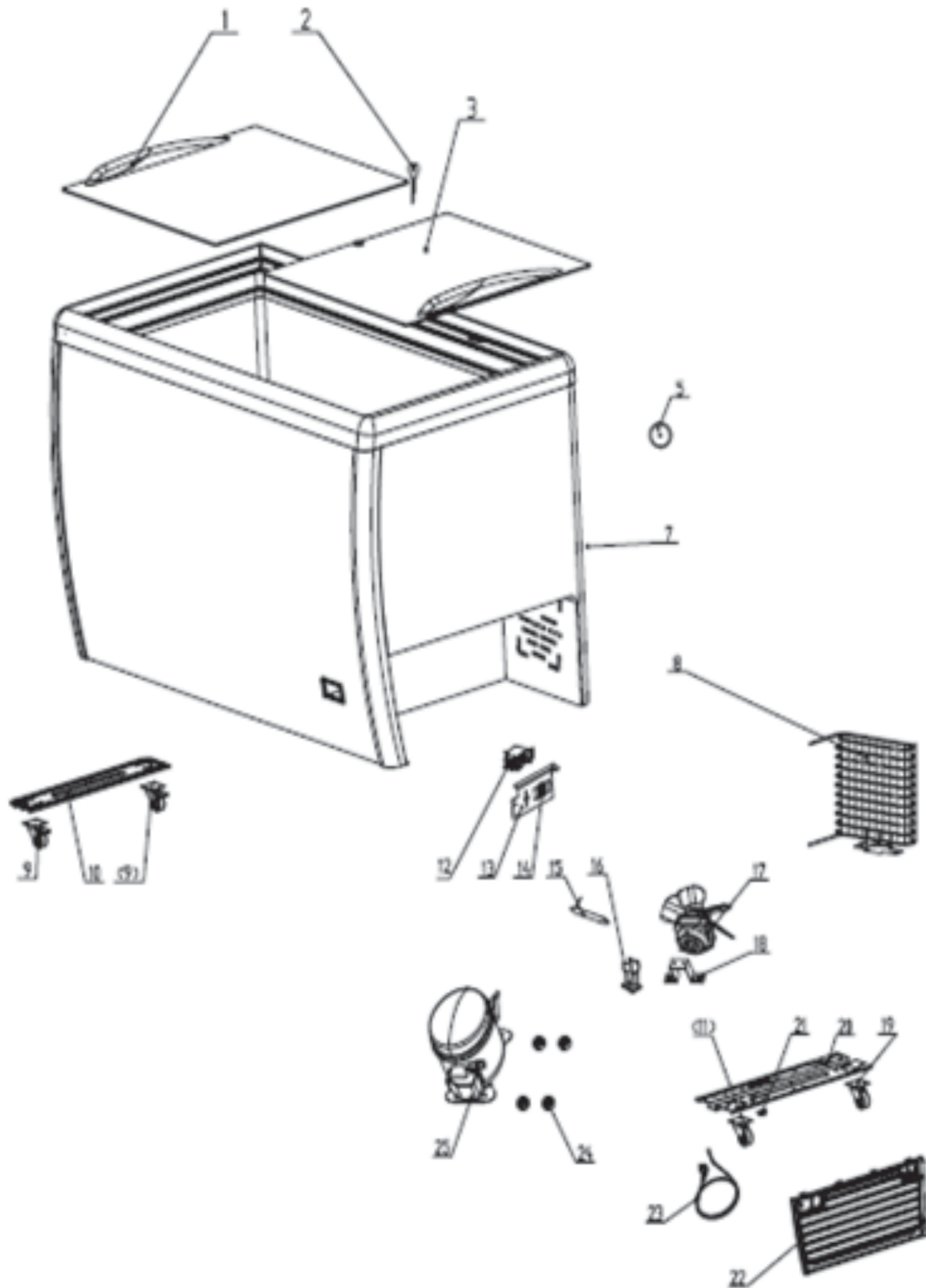
Parts Breakdown

Model FR-CN-0260-R 46493



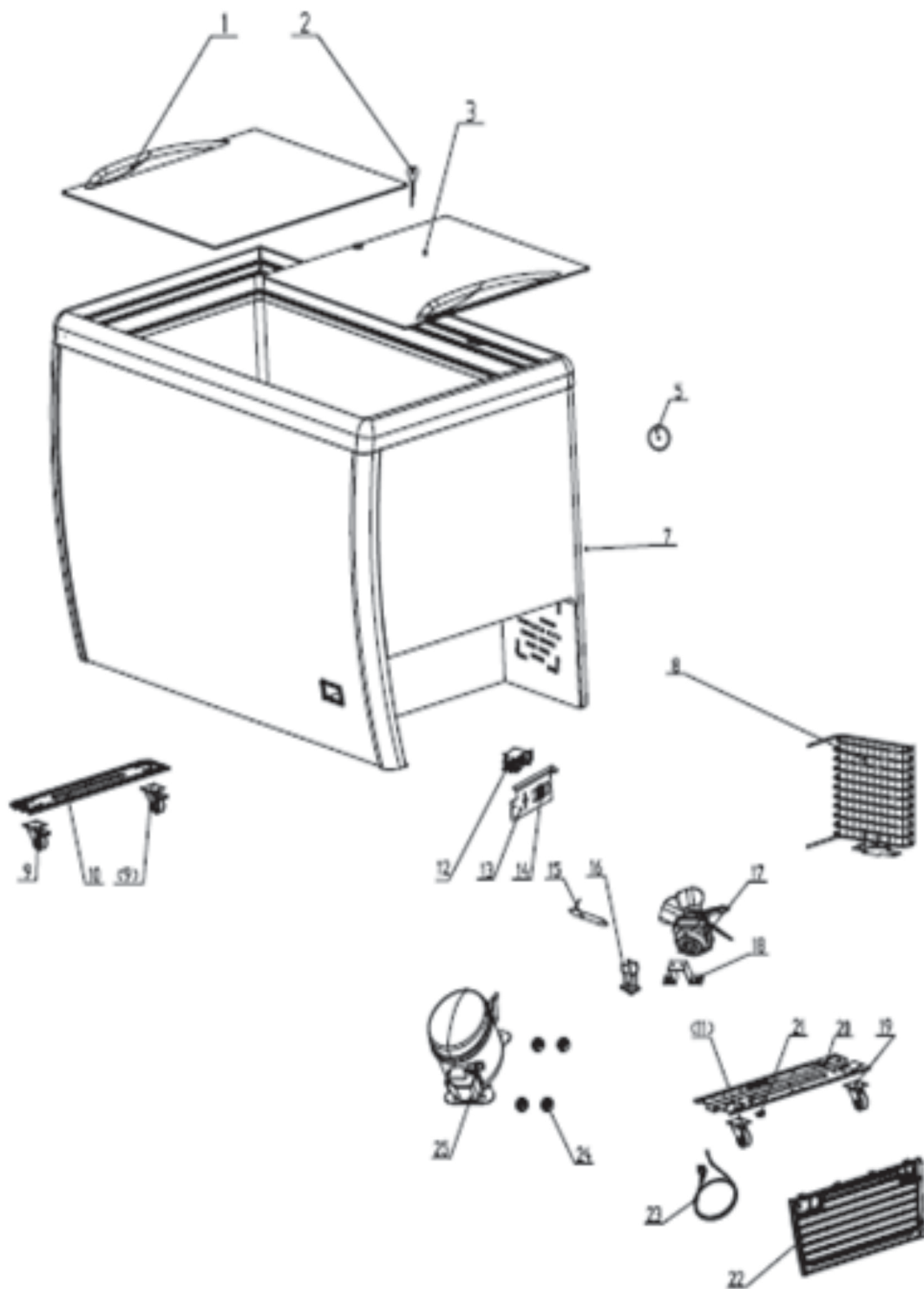
Parts Breakdown

Model FR-CN-0360-R 46494



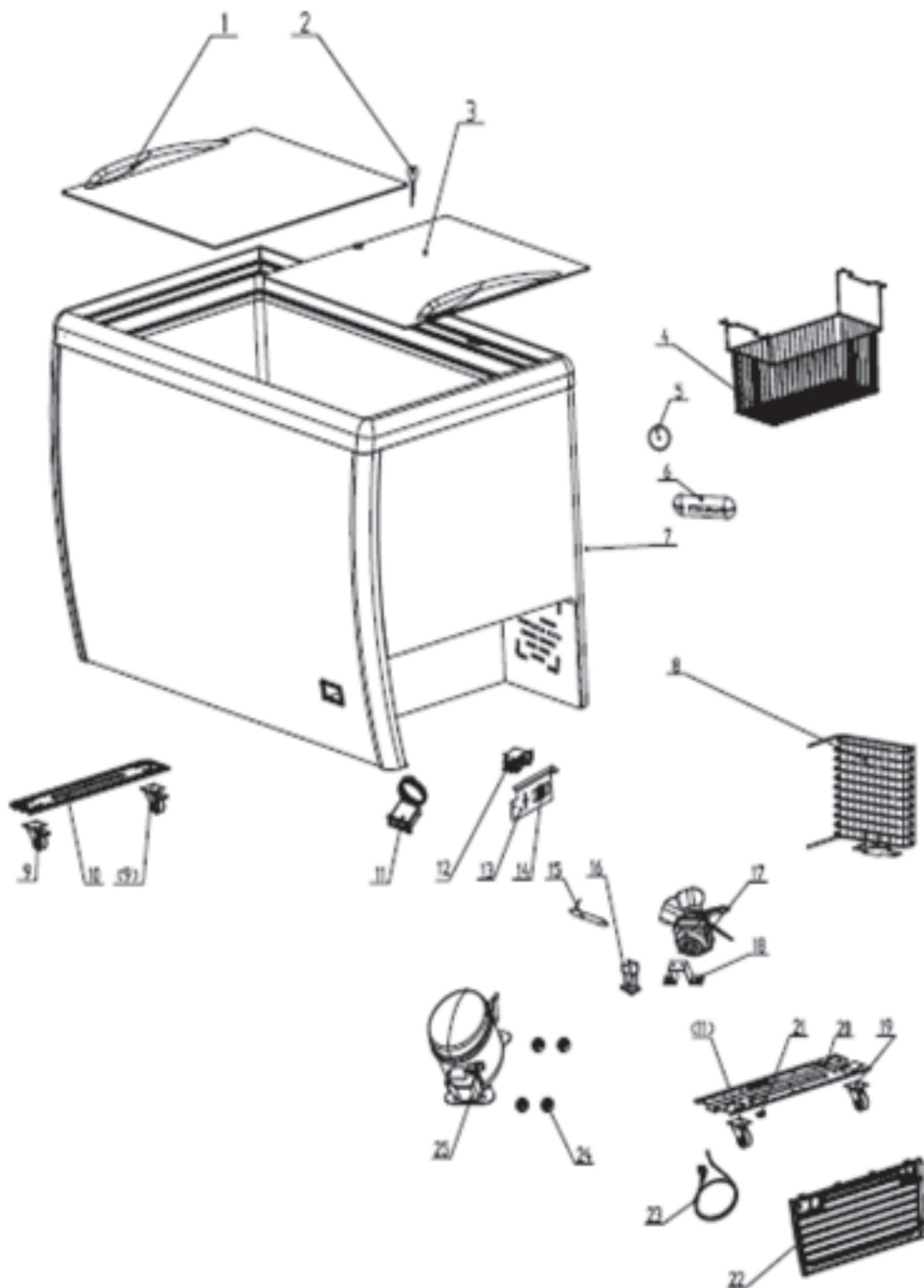
Parts Breakdown

Model FR-CN-0460-R 46495



Parts Breakdown

Model FR-CN-0560-R 46730



Parts Breakdown

Model FR-CN-0160-R 46492

Item No.	Description	Position
69421	Upper Glass Door for 46492	1
41162	Key/Lock for 46492	2
69422	Lower Glass Door for 46492	3
AE116	Basket for 46492	4
64763	Thermostat Cover for 46492	5
64769	Cabinet Plastic Frame for 46492	7
28453	Condenser for 46492	8

Item No.	Description	Position
28445	Caster with Lock for 46492	9
28449	Thermostat Series (no Knob) for 46492	12
64766	Thermostat Support for 46492	13
39587	Indicator Lamp for 46492	14
39586	Filter for 46492	15
64441	Filter Support for 46492	16
64767	Condenser Fan Motor for 46492	17

Item No.	Description	Position
64768	Fan Motor Support for 46492	18
28446	Castor without Lock for 46492	19
78720	Compressor Support for 46492	20
28447	Shutter for 46492	22
28448	Plug Series for 46492	23
63504	Compressor (R290) for 46492	24, 25

Model FR-CN-0260-R 46493

Item No.	Description	Position
AE113	Upper Glass Door for 46493	1
AE114	Key for 46493	2
AE115	Lower Glass Door for 46493	3
AE116	Basket for 46493	4
64764	Thermostat Cover for 46493	5
64770	Cabinet Plastic Frame for 46493	7
37874	Condenser for 46493	8

Item No.	Description	Position
28445	Caster with Lock for 46493	9
28449	Thermostat Series (no Knob) for 46493	12
64766	Thermostat Support for 46493	13
39587	Indicator Lamp for 46493	14
39586	Filter for 46493	15
64441	Filter Support for 46493	16
64771	Fan Motor for 46493	17

Item No.	Description	Position
64768	Fan Motor Support for 46493	18
28446	Castor without Lock for 46493	19
78720	Compressor Support for 46493	20
28447	Shutter for 46493	22
28448	Plug Series for 46493	23
63506	Compressor (R290) for 46493	24, 25

Model FR-CN-0360-R 46494

Item No.	Description	Position
AE117	Upper Glass Door for 46494	1
41162	Key/Lock for 46494	2
AE118	Lower Glass Door for 46494	3
AE116	Basket for 46494	4
64763	Thermostat Cover for 46494	5
64772	Cabinet Plastic Frame for 46494	7
37874	Condenser for 46494	8

Item No.	Description	Position
28445	Caster with Lock for 46494	9
28449	Thermostat Series (no Knob) for 46494	12
64766	Thermostat Support for 46494	13
39587	Indicator Lamp for 46494	14
39586	Filter for 46494	15
64441	Filter Support for 46494	16
28454	Cooling Fan Motor for 46494	17

Item No.	Description	Position
64768	Fan Motor Support for 46494	18
28446	Castor without Lock for 46494	19
78720	Compressor Support for 46494	20
28447	Shutter for 46494	22
28448	Plug Series for 46494	23
63503	Compressor (R290) for 46494	24, 25

Parts Breakdown

Model FR-CN-0460-R 46495

Item No.	Description	Position	Item No.	Description	Position	Item No.	Description	Position
AE120	Upper Glass Door for 46495	1	69431	Casters with Brakes for 46495	9	69438	Fan Motor Support for 46495	18
69426	Key for 46495	2	69432	Thermostat for 46495	12	69439	Casters without Brakes for 46495	19
AE121	Lower Glass Door for 46495	3	69433	Thermostat Support for 46495	13	69440	Compressor Panel for 46495	20
AE116	Basket for 46495	4	69434	Indicator Lamp for 46495	14	69441	Side Panel for 46495	22
69428	Thermostat Cover for 46495	5	69435	Filter for 46495	15	69442	Power Cord for 46495	23
69429	Cabinet for 46495	7	69436	Filter Support for 46495	16	69443	Compressor R290 for 46495	24, 25
69430	Condenser for 46495	8	69437	Fan Motor for 46495	17			

Model FR-CN-0560-R 46730

Item No.	Description	Position	Item No.	Description	Position	Item No.	Description	Position
AE123	Upper Glass Door for 46730	1	AE127	Casters with Brakes for 46730	9	69438	Fan Motor Support for 46730	18
69426	Key for 46730	2	69432	Thermostat for 46730	12	AE129	Casters without Brakes for 46730	19
AE124	Lower Glass Door for 46730	3	69433	Thermostat Support for 46730	13	69440	Compressor Panel for 46730	20
AE116	Basket for 46730	4	69434	Indicator Lamp for 46730	14	69441	Side Panel for 46730	22
69428	Thermostat Cover for 46730	5	69435	Filter for 46730	15	69442	Power Cord for 46730	23
AE126	Cabinet for 46730	7	69436	Filter Support for 46730	16	AE130	Compressor R290 for 46730	24, 25
69430	Condenser for 46730	8	AE128	Fan Motor for 46730	17			

Electrical Schematics

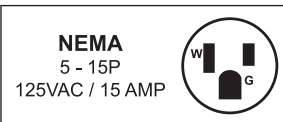
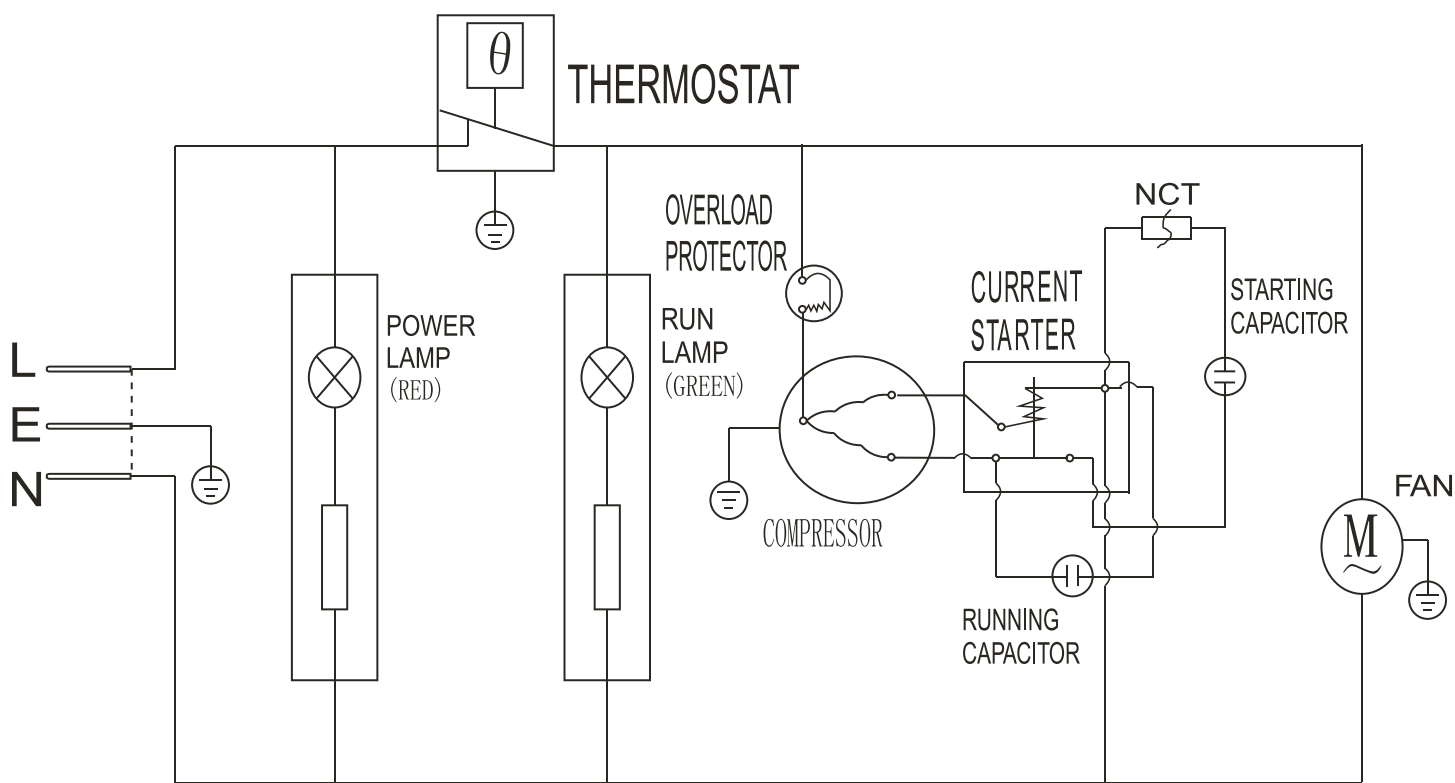
Model FR-CN-0160-R 46492

Model FR-CN-0260-R 46493

Model FR-CN-0360-R 46494

Model FR-CN-0460-R 46495

Model FR-CN-0560-R 46730



Notes

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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.

