



Chest Freezers

Models FR-CN-0155, 0198, 0230, 0412

Items 45294, 45295, 45296, 45297

Instruction Manual



Revised - 07/09/2018



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www.omcan.com

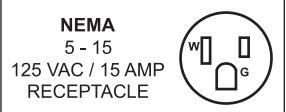


Table of Contents

Model FR-CN-0155 / Model FR-CN-0198
Model FR-CN-0230 / Model FR-CN-0412

Section	Page
General Information	3 - 4
Safety and Warranty	4 - 5
Technical Specifications	5
Installation	6
Operation	6
Maintenance	7
Troubleshooting	7 - 8
Parts Breakdown	8 - 14
Electrical Schematics	15 - 17
Notes	18
Warranty Registration	19



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 Companie Limité et Food Machinery d'Amerique, 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 approprié. 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 expédiées ou cueillies 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 asegurararse 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

The appliance can be used by children aged from 8 years 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.



Safety and Warranty

Cleaning and user maintenance shall not be made by children without supervision.

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 for complete info.

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	FR-CN-0155	FR-CN-0198	FR-CN-0230	FR-CN-0412
Power	64.3 W	67.5 W	63.9 W	106.6 W
Freezer Capacity	156 L / 5.5 cu. ft.	204 L / 7.2 cu. ft.	230 L / 8.1 cu. ft.	412 L / 14.6 cu. ft.
Temperature Range	$\leq -18^{\circ}\text{C} / \leq -0.4^{\circ}\text{F}$			
Refrigerant	R600a			R134a
Electrical	110V / 60Hz			
Weight	70.5 lbs. / 32 kg.	79.4 lbs. / 36 kg.	97 lbs. / 44 kg.	141 lbs. / 64 kg.
Dimensions	22" x 32.5" x 33"	22.25" x 40" x 33"	25.5" x 43" x 32.6"	27.6" x 60" x 32.5"
	559 x 826 x 838mm	565 x 1016 x 838mm	648 x 1092 x 828mm	701 x 1524 x 826mm
Item Number	45294	45295	45296	45297

Installation

TRANSPORTATION AND PLACEMENT

- When transporting the chest freezer from one place to another, the inclination of the cabinet should not exceed 45 degrees, for prevention against compressor or system damage.
- Before use, remove all the packing material. The back side of the cabinet should be more than 20cm away from the wall, both flank sides more than 20cm.
- The freezer should be put in well-ventilated, dry place. Don't use it under direct sunshine. The freezer should be kept away from water sink, heat source and any volatile, corrosive material.

POWER SOURCE AND TEST-RUNNING

- Specified capacity of the wire is 7A. Section squares of the wire is 0.82mm². Single line or compound lines are all allowed. The fuse of 2.5A specified electric current should be installed. (Power cord should be replaced with the same of 7A and 0.82mm², when it is damaged).
- Single-phase power supply, 60Hz, voltage range 98~132V. If the voltage is unstable, please install a voltage stabilizer with capacity above 1000W.
- Avoid turning on and off the power too frequently. If the power is turned off, wait an interval of 5 minutes before turning it on again.
- When the freezer will be out of use for a long time, disconnect the power first, then clean it. Please examine the circuit whether it is excellent before reuse.

Operation

OPERATION OF THE TEMPERATURE CONTROL KNOB

- The temperature in the cabinet can be controlled with the temperature control knob.
- The knob should be kept upright normally to adjust the temperature. FREEZING MAX is the strongest cooling position and is suitable for fast freezing. Do not keep the knob at this point for long.

FOOD STORAGE

- There must be space between the foods stored in the cabinet, between the foods 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.
- Storage of volatile and combustible gases, liquids such as strong alkalies, strong acids, petrol, etc. is forbidden.

Maintenance

- The freezer should be cleaned regularly. When cleaning, turn off the power, take out the foods 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 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 connected to the socket really.	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.	
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, and placed improperly.	Place foods properly keep place 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.

Troubleshooting

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.

REFERENCE

Item Number	Model Number	Description	Manufacturer Model Number
45294	FR-CN-0155	Chest Freezer with Solid Flat Top 5.5 Cu Ft 110V/60/1 QPSu	BD-155J
45295	FR-CN-0198	Chest Freezer with Solid Flat Top 7.2 Cu Ft 110V/60/1 QPS	BD-198J
45296	FR-CN-0230	Chest Freezer with Solid Flat Top 8.1 Cu Ft 110V/60/1 cQPSu	BD-230
45297	FR-CN-0412	Chest Freezer with Solid Flat Top 14.6 Cu Ft 110V/60/1 QPSu	BD-412

Parts Breakdown

Model FR-CN-0155 45294

Item No.	Description	Position	Item No.	Description	Position	Item No.	Description	Position
60039	Door for BD155J	1	60052	Compressor Support for BD155J	14	60065	Screw for BD155J	27
60040	Gemel for BD155J	2	60053	Suction Tube Sleeve for BD155J	15	60066	Spring Washer for BD155J	28
60041	Upper Cover for BD155J	3	60054	Rubber Spacer for BD155J	16	60067	Power Cord for BD155J	29
60042	Bottom Cover for BD155J	4	60055	Screw for BD155J	17	60068	Front Foot for BD155J	30
60043	Screw for BD155J	5	60056	Screw for BD155J	18	60069	Thermostat for BD155J	31
60044	Compressor Pipe for BD155J	6	60057	Self Tapping Screw for BD155J	19	60070	Control Panel for BD155J	32
60045	Compressor for BD155J	7	60058	Compressor Support for BD155J	20	60071	Indicator Lamp for BD155J	33
60046	Overload Capacity for BD155J	8	60059	Wire Clip for BD155J	21	60072	Knob of Temp-Control for BD155J	34
60047	PTC Starting Relay for BD155J	9	60060	Castor for BD155J	22	60073	Drain Plug for BD155J	35
60048	Cover for BD155J	10	60061	Compressor Cover for BD155J	23	60074	Drain Hole Stopper for BD155J	36
60049	Fastening Screw for BD155J	11	60062	Self Tapping Screw for BD155J	24	60075	Basket for BD155J	37
60050	Cover for BD155J	12	60063	Filter for BD155J	25			
60051	Fastening Screw for BD155J	13	60064	Screw for BD155J	26			



Parts Breakdown

Model FR-CN-0198 45295

Item No.	Description	Position	Item No.	Description	Position	Item No.	Description	Position
60000	Door for BD198J	1	60013	Fastening Screw for BD198J	14	60026	Filter for BD198J	27
60001	Gemel for BD198J	2	60014	Capacitor Bracket for BD198J	15	60027	Screw for BD198J	28
60002	Upper Cover for BD198J	3	60015	Compressor Support for BD198J	16	60028	Screw for BD198J	29
60003	Bottom Cover for BD198J	4	60016	Suction Tube Sleeve for BD198J	17	60029	Spring Washer for BD198J	30
60004	Screw for BD198J	5	60017	Rubber Spacer for BD198J	18	60030	Power Cord for BD198J	31
60005	Compressor Pipe for BD198J	6	60018	Screw for BD198J	19	60031	Front Foot for BD198J	32
60006	Compressor for BD198J	7	60019	Screw for BD198J	20	60032	Thermostat for BD198J	33
60007	Overload Protector for BD198J	8	60020	Self Tapping Screw for BD198J	21	60033	Control Panel for BD198J	34
60008	PTC Starting Relay for BD198J	9	60021	Compressor Support for BD198J	22	60034	Indicator Lamp for BD198J	35
60009	Running Capacitor for BD198J	10	60022	Wire Clip for BD198J	23	60035	Knob of Temp-Control for BD198J	36
60010	Cover for BD198J	11	60023	Castor for BD198J	24	60036	Drain Plug for BD198J	37
60011	Fastening Screw for BD198J	12	60024	Compressor Cover for BD198J	25	60037	Drain Hole Stopper for BD198J	38
60012	Cover for BD198J	13	60025	Self Tapping Screw for BD198J	26	60038	Basket for BD198J	39

Model FR-CN-0230 45296

Item No.	Description	Position	Item No.	Description	Position	Item No.	Description	Position
79960	Door for BD230	1	79973	Fastening Screw for BD230	14	79986	Filter for BD230	27
79961	Gemel for BD230	2	79974	Capacitor Bracket for BD230	15	79987	Screw for BD230	28
79962	Upper Cover for BD230	3	79975	Compressor Support for BD230	16	79988	Screw for BD230	29
79963	Bottom Cover for BD230	4	79976	Suction Tube Sleeve for BD230	17	79989	Spring Washer for BD230	30
79964	Screw for BD230	5	79977	Rubber Spacer for BD230	18	79990	Power Cord for BD230	31
79965	Compressor Pipe for BD230	6	79978	Screw for BD230	19	79991	Front Foot for BD230	32
79966	Compressor for BD230	7	79979	Screw for BD230	20	79992	Thermostat for BD230	33
79967	Overload Protector for BD230	8	79980	Self Tapping Screw for BD230	21	79993	Control Panel for BD230	34
79968	PTC Starting Relay for BD230	9	79981	Compressor Support for BD230	22	79994	Indicator Lamp for BD230	35
79969	Running Capacitor for BD230	10	79982	Wire Clip for BD230	23	79995	Knob of Temp-Control for BD230	36
79970	Cover for BD230	11	79983	Castor for BD230	24	79996	Drain Plug for BD230	37
79971	Fastening Screw for BD230	12	79984	Compressor Cover for BD230	25	79997	Drain Hole Stopper for BD230	38
79972	Cover for BD230	13	79985	Self Tapping Screw for BD230	26	79998	Basket for BD230	39

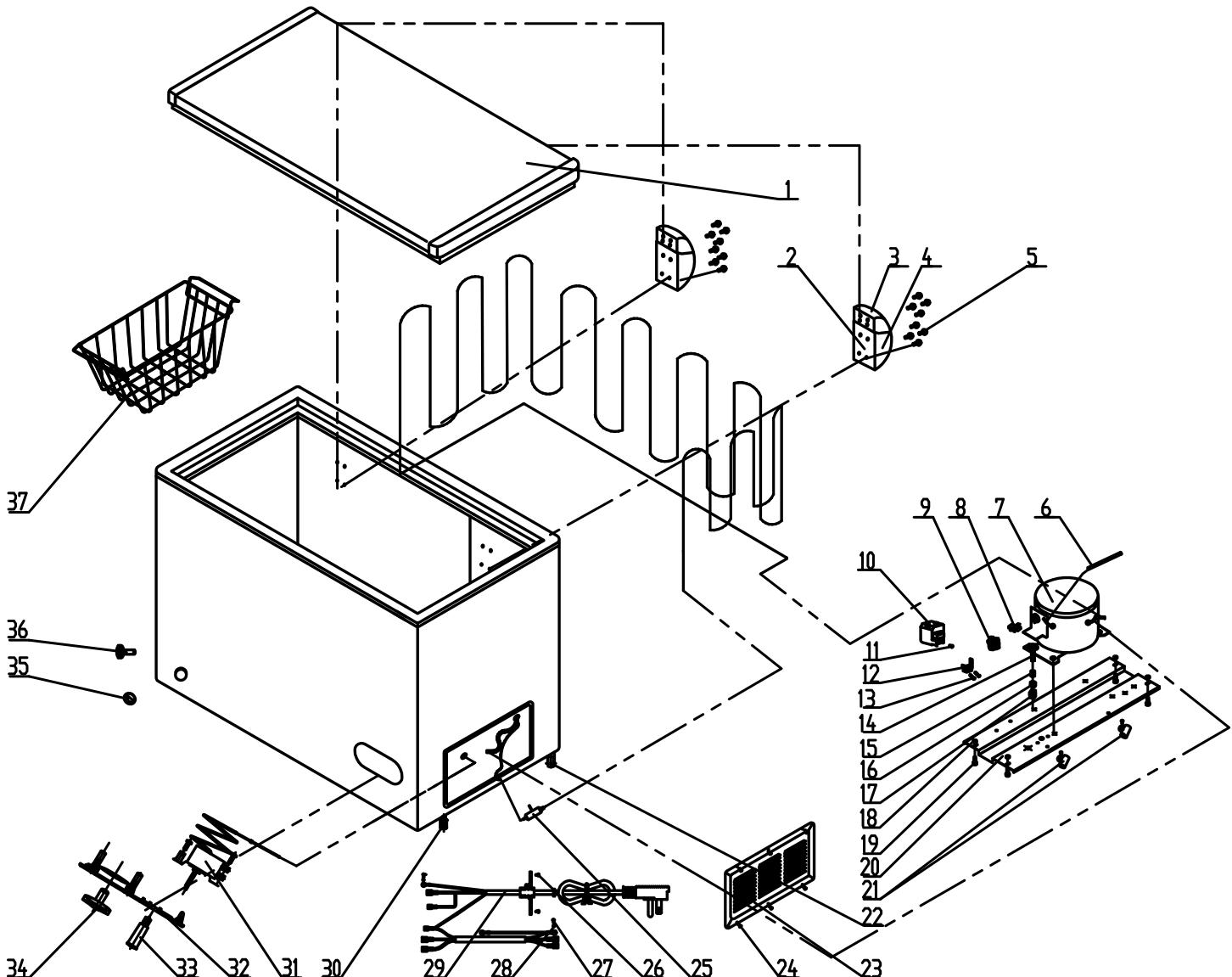
Parts Breakdown

Model FR-CN-0412 45297

Item No.	Description	Position	Item No.	Description	Position	Item No.	Description	Position
79895	Door for BD412	1	79915	Suction Tube Sleeve for BD412	21	79935	Transformer Installation Box for BD412	41
79896	Door Seal for BD412	2	79916	Rubber Spacer for BD412	22	79936	Spring Washer for BD412	42
79897	Door Left and Right Hinge for BD412	3	79917	Terminal Box for BD412	23	79937	Nut for BD412	43
79898	Left and Right Upper Hinge Cover (White) for BD412	4	79918	Close-End Wire Connector for BD412	24	79938	Screw for BD412	44
79899	Left and Right Lower Hinge Cover (White) for BD412	5	79919	Back Channel Iron for BD412	25	79939	Light Transformer for BD412	45
79900	Door Middle Hinge for BD412	6	79920	Front Channel Iron for BD412	26	79940	Thermostat for BD412	46
79901	Middle Upper Hinge Cover (White) for BD412	7	79921	Nut for BD412	27	79941	Control Panel for BD412	47
79902	Middle Lower Hinge Cover (White) for BD412	8	79922	Compressor Support for BD412	28	79942	Indicator Lamp for BD412	48
79903	Screw for BD412	9	79923	4x16 for BD412	29	79943	Knob of Temp-Control for BD412	49
79904	Compressor Pipe for BD412	10	79924	Wire Clip for BD412	30	79944	Front Triangle for BD412	50
79905	Compressor for BD412	11	79925	Castor for BD412	31	79945	Screw for BD412	51
79906	Overload Protector for BD412	12	79926	Compressor Cover for BD412	32	79946	Back Triangle for BD412	52
79907	PTC Starting Relay for BD412	13	79927	Triangle Lock Screw for BD412	33	79947	Self-Tapping Screw for BD412	53
79908	Running Capacitor for BD412	14	79928	Screw for BD412	34	79948	Drain Plug for BD412	54
79909	Cover for BD412	15	79929	Filter Support for BD412	35	79949	Drain Hole Stopper for BD412	55
79910	Cable Clamp Screw for BD412	16	79930	Filter for BD412	36	79956	Basket for BD412	56
79911	Cable Clamp for BD412	17	79931	Power Cord for BD412	37	79957	LED Light Cover for BD412	57
79912	Fixing Screw for BD412	18	79932	Screw for BD412	38	79958	Self-Tapping Screw for BD412	58
79913	Capacitor Bracket for BD412	19	79933	Spring Washer for BD412	39	79959	LED Light Board for BD412	59
79914	Fixing Screw for BD412	20	79934	Close-End Wire Connector for BD412	40			

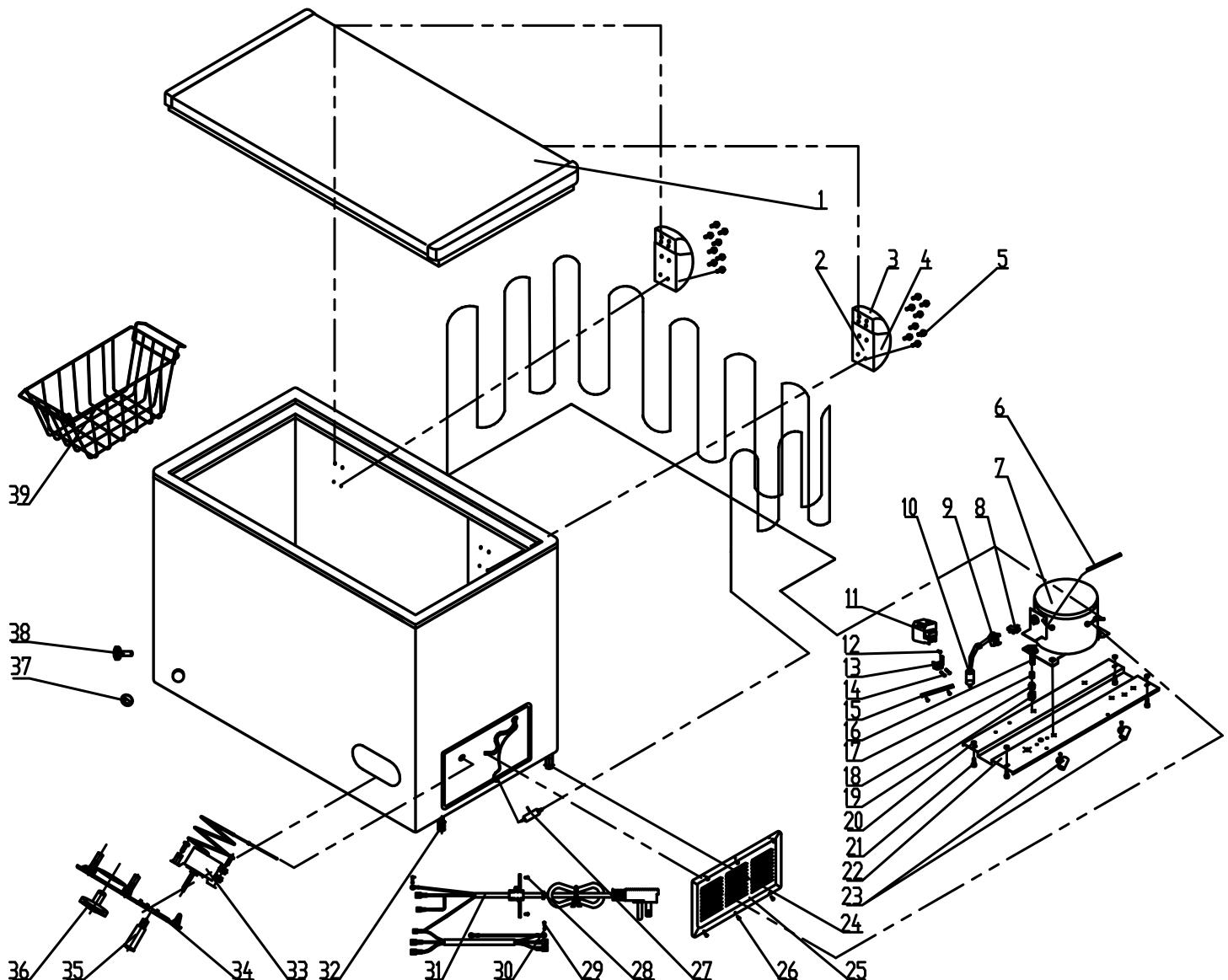
Parts Breakdown

Model FR-CN-0155 45294



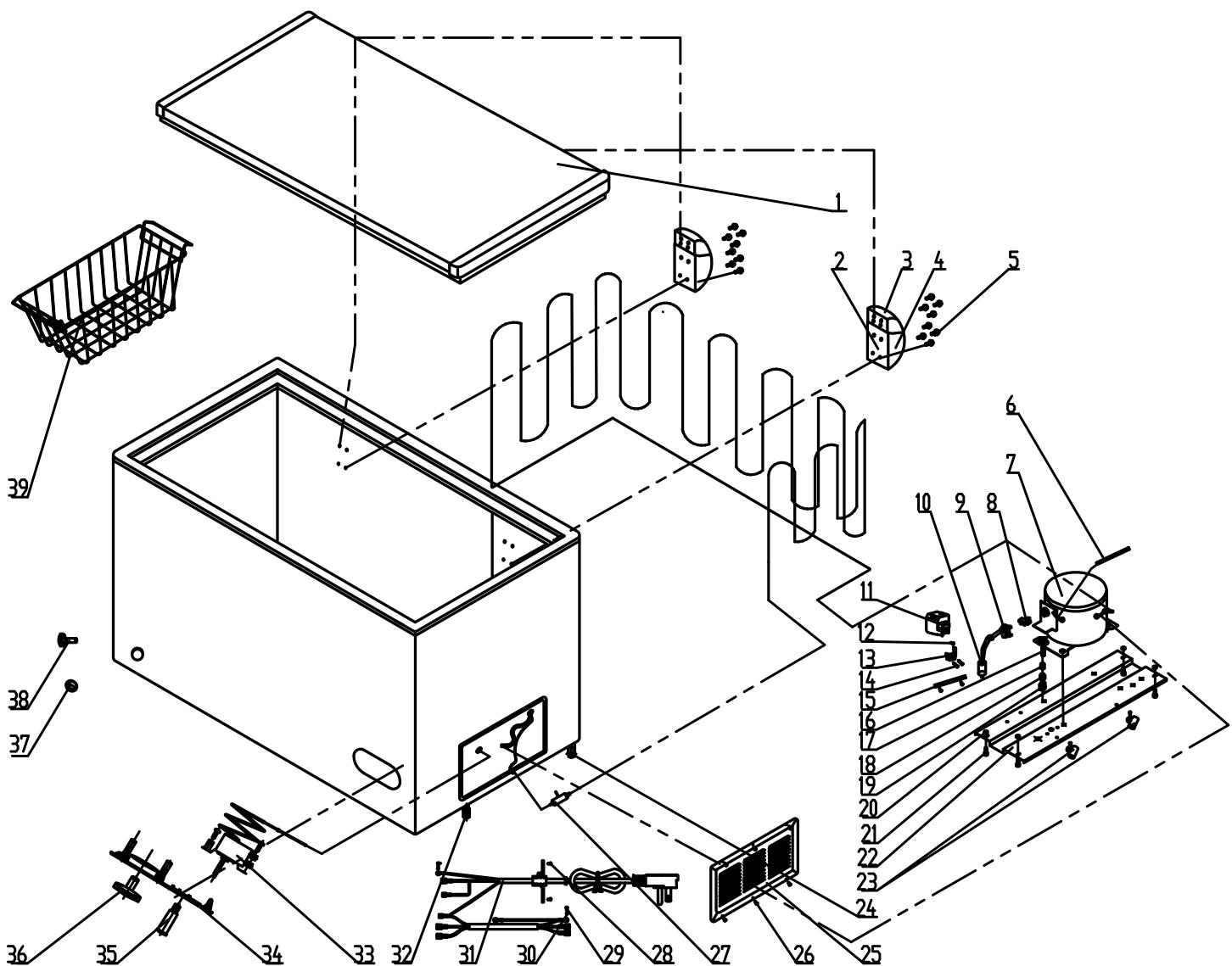
Parts Breakdown

Model FR-CN-0198 45295



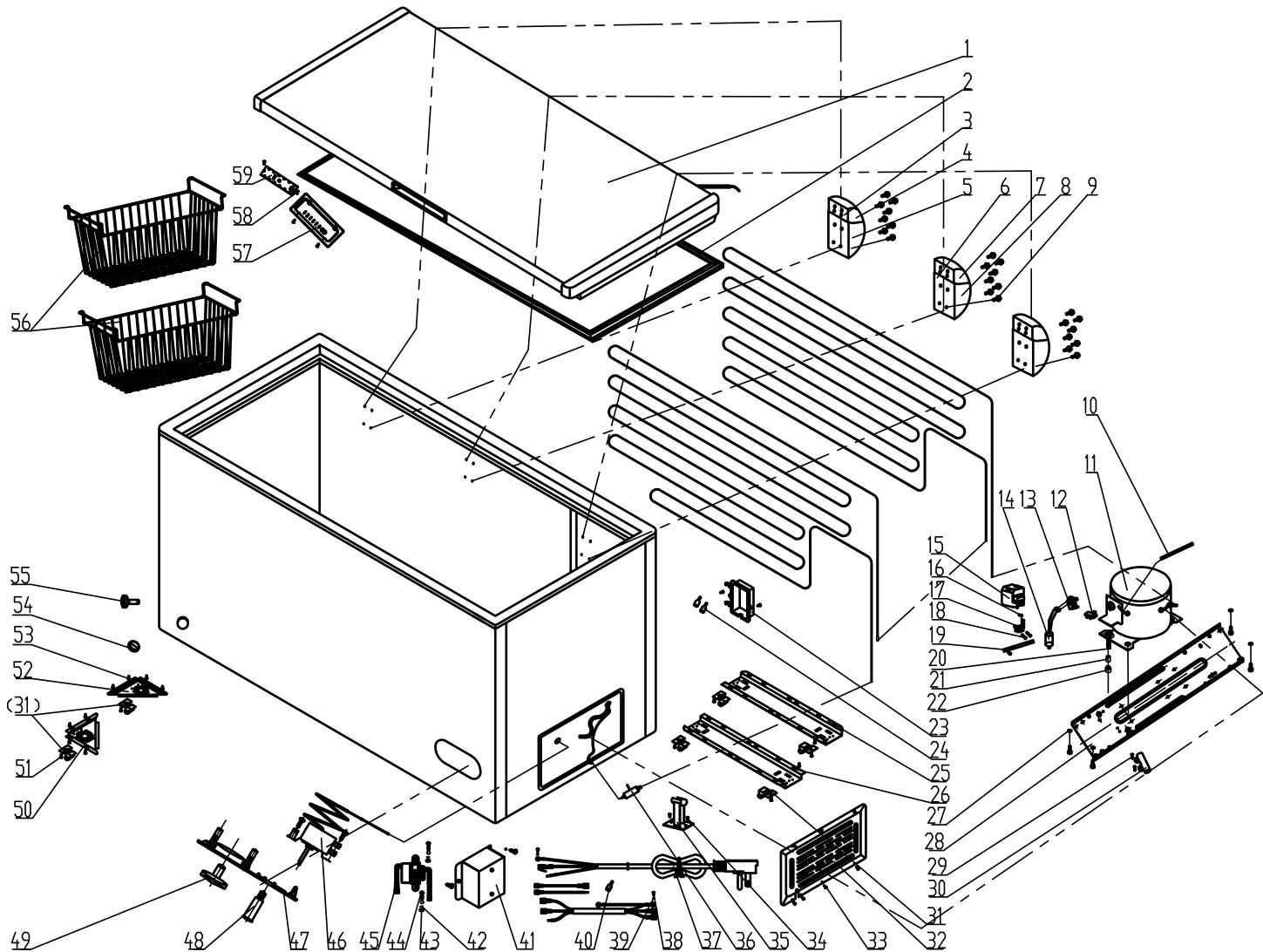
Parts Breakdown

Model FR-CN-0230 45296



Parts Breakdown

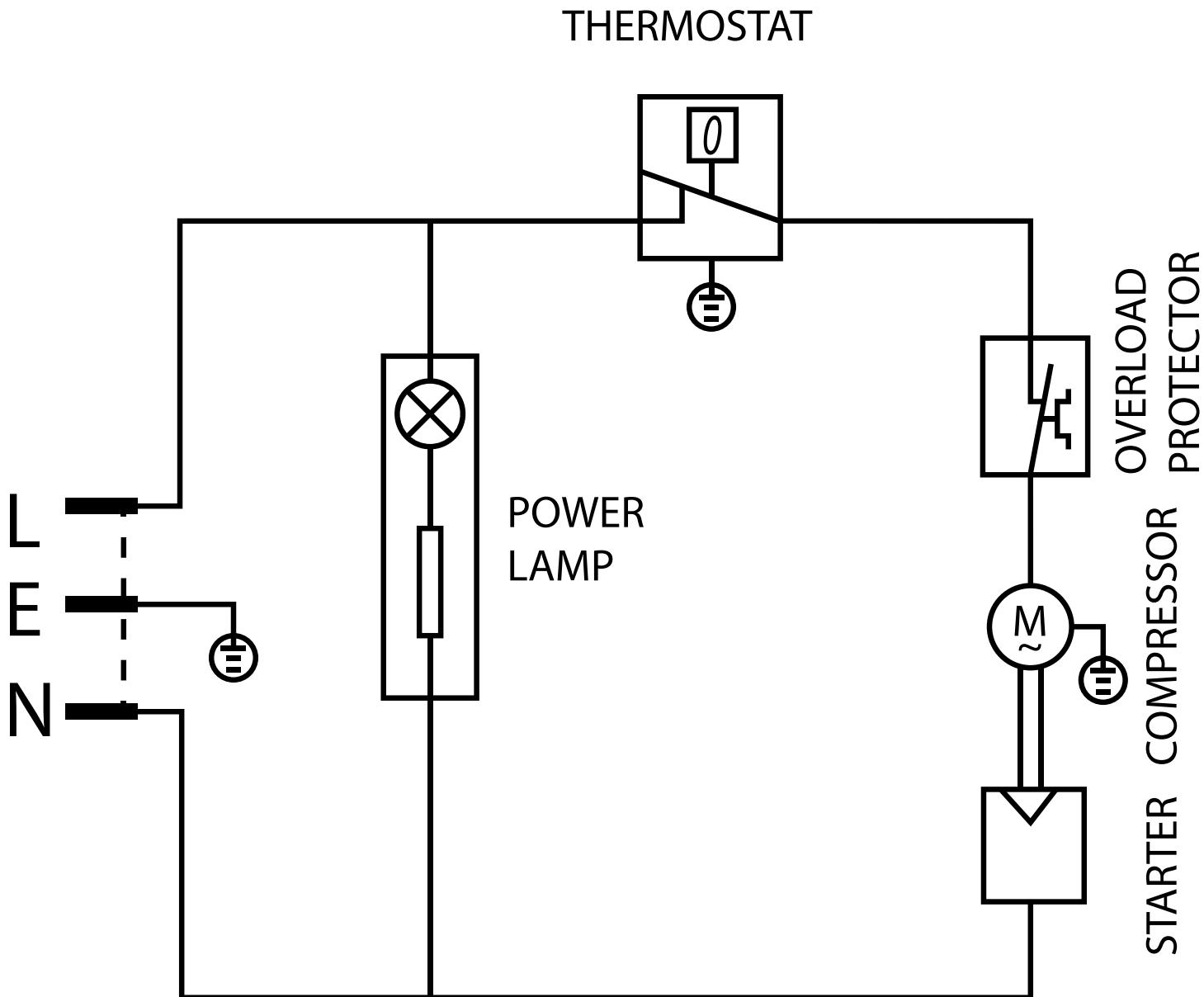
Model FR-CN-0412 45297



Electrical Schematics

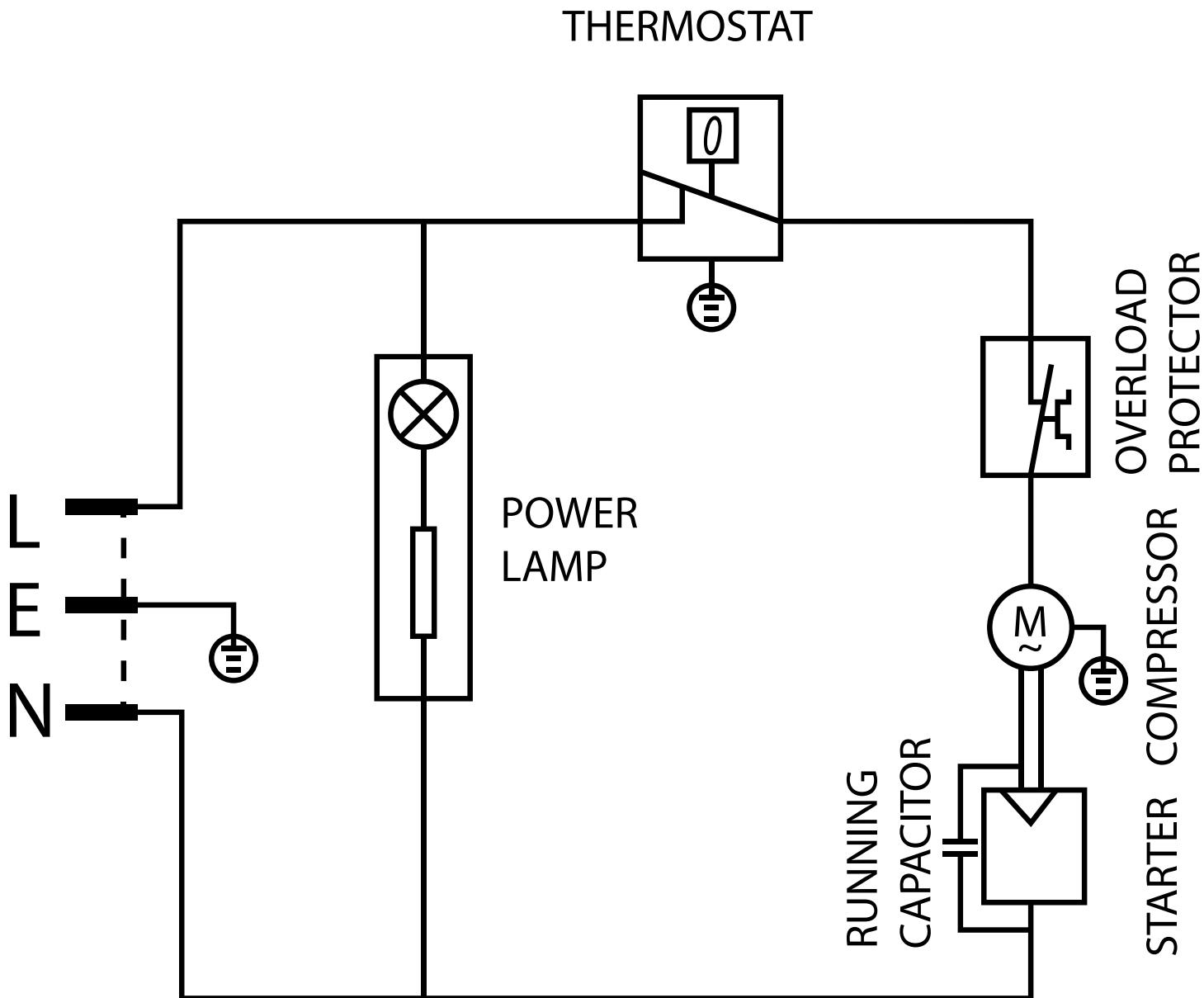
Model FR-CN-0155 45294

Model FR-CN-0198 45295



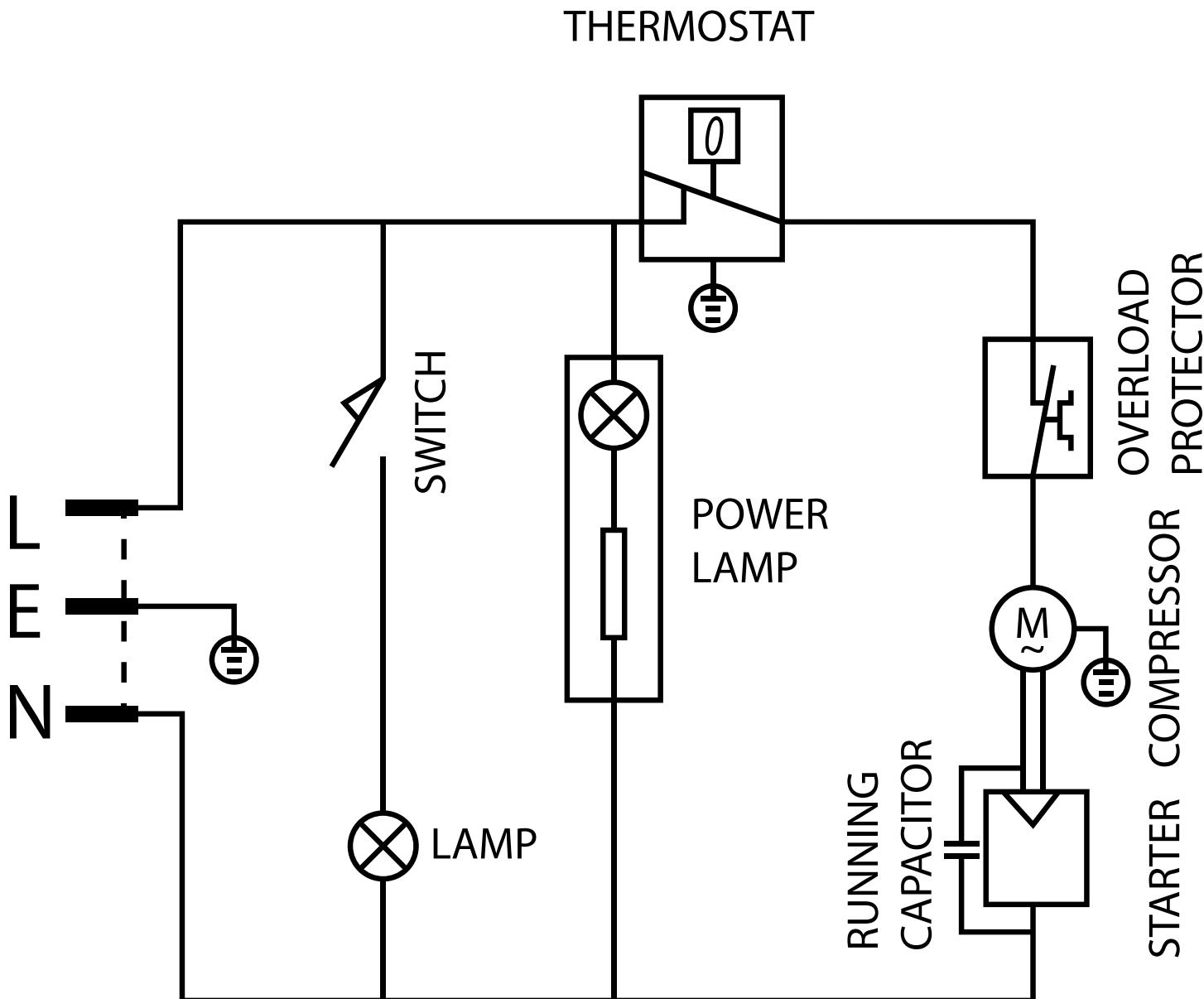
Electrical Schematics

Model FR-CN-0230 45296



Electrical Schematics

Model FR-CN-0412 45297





Notes



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

For mailing in Canada

Pour postale au Canada

Por correo en Canadá

For mailing in the US

Pour diffusion aux États-Unis

Por correo en los EE.UU.

OMCAN

PRODUCT WARRANTY REGISTRATION
3115 Pepper Mill Court,
Mississauga, Ontario
Canada, L5L 4X5

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: _____ Company Name: _____

Address: _____ Telephone: _____

City: _____ Province or State: _____ Postal or Zip: _____ Email Address: _____

Country: _____ Type of Company: _____

Restaurant Bakery Deli

Butcher Supermarket Caterer

Institution (specify): _____

Other (specify): _____

Dealer from which Purchased: _____

Dealer City: _____ Dealer Province or State: _____

Invoice: _____

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.

