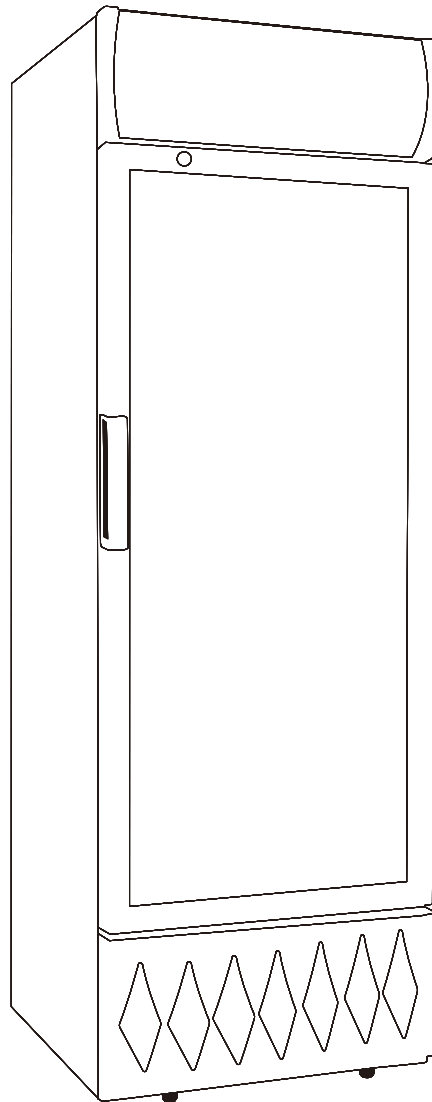


# REFRIGERATOR

## Commercial One-Door Merchandiser Refrigerator

MODELS:

MDR-1GD-12C, MDR-9C, MDR-9CP



***Unit must be kept  
clear of combustibles at all times.***

*For any service-related Issues, please contact*

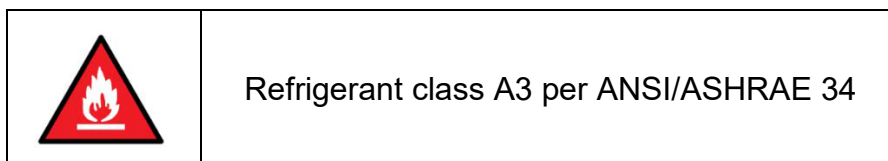
*Phone Number: 718-576-6342*

*Email address: [support@koolmore.com](mailto:support@koolmore.com)*

# SAFETY

- This equipment is intended for the storage and display of non-time/temperature control for safety (TCS) foods bottled or canned products only.
- This appliance is not intended for use by persons 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 the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- WARNING: Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- WARNING: Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- WARNING: Do not damage the refrigerant circuit.
- WARNING: Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- This appliance is intended to be used in household and similar applications such as:
  - Staff kitchen areas in shops, offices and other working environments;
  - Farm houses and by clients in hotels, motels and other residential type environments;
  - Catering and similar non-retail applications.
- The appliance shall not be installed in public corridors or lobbies.
- Notice: Component parts shall be replaced with like components so as to minimize the risk of possible ignition due to incorrect parts.
- The appliance is to be installed in accordance with the Safety
- The appliance shall be stored in a room without continuously operating ignition sources, for example: open flames, an operating gas appliance or an operating electric heater.
- Do not pierce or burn.
- Be aware that refrigerants may not contain an odour.
- WARNING: The appliance shall be stored in a well-ventilated area where the room size corresponds to the room size specified for operation.
- WARNING: The appliance shall be stored so as to prevent mechanical damage from occurring.
- Check that cabling will not be subject to wear, corrosion, excessive pressure, vibration, sharp edges, or any other adverse environmental effects. The check shall also take into account the effects of aging or continual vibration from sources such as compressors or fans.

- Before carrying out Decommissioning procedure, it is essential that the technician is completely familiar with the equipment and all its detail. When removing refrigerant from a system, it is always recommended to make prior arrangements with an approved waste recovery/disposal station. During the procedure, all refrigerants shall be retrieved before proceeding to work. While carrying out this procedure, the technician must ensure that: energy to the unit is switched off; all personal protective equipment (PPE) is worn; the recovery process is supervised at all times by a competent person; recovery equipment and cylinders conform to the appropriate standards. In addition, a set of calibrated weighing scales should be available and adjacent to the charging point so that the weight can be recorded accurately, either on the gauge or via the digital display. When the refrigerants are being collected, ensure that only the required volume of refrigerant per cylinder is available, not exceeding the maximum working pressure of the cylinder, including the ambient temperature. Once all of this equipment is ready and has been set up, open the valves on the equipment or remove the refrigerant at the base of the cylinder and relevant waste transfer note arranged. Do not mix refrigerants in recovery units and especially not in cylinders.



- Warning: Risk of fire/flammable material, taking care to avoid causing a fire by igniting flammable material.
- The maximum loading of each type of shelf is 23.35kg/51.49lbs.
- The ambient temperature and humidity conditions of the showcase climate class following the tab below:

Test room	Dry bulb	Relative	Dew	Water vapour
climate class	temperature °F	humidity %	point °F	mass in dry air lbs/ft <sup>3</sup>
0	32	80	28.4	0.00167
1	68	80	61	0.00913
2	77	65	62.6	0.00793
3	86	55	69.8	0.00798
4	95	40	71.6	0.00588
5	104	40	77	0.00677
6	113	25	77	0.00428
7	122	20	81.5	0.0045

NOTE: the water vapour mass in dry air is one of the main points influencing the order of the climate classes in the table. It is based on the water vapour mass column. See also Annex B to compare lab and store conditions.

- All maintenance staff and others working in the local shall be instructed on the nature of work being carried out. Work in confined spaces shall be avoided.
- If any hot work is to be conducted on the refrigerating equipment or associated parts, appropriate fire extinguishing equipment shall be available on hand, i.e., a dry chemical or CO2 extinguisher, which should be adjacent to the charging area.
- Notice: Servicing shall only be performed as recommended by the equipment manufacturer. Maintenance and repair requiring the assistance of other skilled personnel shall be carried out under the supervision and of the person competent in the use of flammable refrigerants.
- No person carrying out work in relation to a REFRIGERATING SYSTEM which involves exposing any pipe work shall use any sources of ignition in such a manner that it may lead to the risk of fire or explosion. All possible ignition sources, including cigarettes smoking, should be kept sufficiently far away from the site of installation, repairing, removing and disposing, which refrigerant can possibly be released to the surrounding space. Prior to work taking place, the area around the equipment shall be surveyed to make sure that there are no flammable hazards or ignition risks.
- "No Smoking" signs shall be displayed.
- Checking for presence of refrigerant: the area shall be checked with an appropriate refrigerant detector prior to and during work, to ensure the technician is aware of potentially toxic or flammable atmospheres. Ensure that the leak detection equipment being used is suitable for use with all applicable refrigerants, i.e., non-sparking, adequately sealed, or intrinsically safe.
- Ensure that the area is in the open or that it is adequately ventilated before breaking into the system or conducting any hot work. A degree of ventilation shall continue during the period that the work is carried out. The ventilation should safely disperse any released refrigerant and preferably expel it externally into the atmosphere.
- Where an electrical component of the refrigerant-containing system is being changed, they shall be fit for the purpose and to the correct specification. At all times, the manufacturer's maintenance and service guidelines shall be followed. If in doubt, consult the manufacturer's technical department for assistance.
- Detection of flammable refrigerants: Under no circumstances shall potential sources of ignition be used in the searching for or detection of refrigerant leaks. A halide torch (or any other detector using a naked flame) shall not be used.

# Set Up

**DANGER:** Risk of fire or explosion. Flammable refrigerant R600a used. To be repaired only by trained service personnel. Do not puncture refrigerant tubing.

**Warning!!**

**DANGER:** Risk of fire or explosion. Flammable refrigerant R600a used. To be repaired only by trained service personnel. Do not use mechanical devices to defrost refrigerator. Do not puncture refrigerant tubing. Allow to stand for a minimum of 4 hours before plugging in to the mains.

## Transportation and Set Up

- Do not transport the unit on an incline of more than 45 degrees.
- Remove all packaging before using the Refrigerator.
- Install the Refrigerator in a well-ventilated area, with a 4" clearance around the cabinet walls for proper air circulation.
- Ensure the Refrigerator is placed on a stable surface to avoid vibration and noise.
- Install the Refrigerator in a dry area, do not use under direct sunlight, keep away from any corrosive materials.
- Before using the refrigerator, allow the unit to run for approximately one hour.

## Safety

- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- Please follow local regulations regarding disposal of the appliance for its flammable gas, before you scrap the appliance, please remove the doors to prevent children getting trapped.

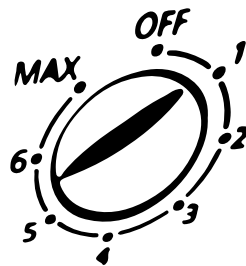
**Warning:** *the appliance shall be installed in accordance with national wiring regulations. Refrigerant Systems, ANSI/ASHRAE 15, with the Safety Standard for Refrigeration Systems.*

- Any person who is involved with working on or breaking into a refrigerant circuit should hold a current valid certificate from an industry-accredited assessment authority, which authorizes their competence to handle refrigerants safely in accordance with an industry recognized assessment specification.
- If power is cut off, wait at least 5 minutes before turning on again to avoid damage to the compressor.
- The temperature control may need to be adjusted based on the amount of food in the refrigerator and the ambient room temperature. More food or a higher room temperature may require a lower temperature setting (higher number).
- Do not overload the refrigerator, leave room between products to allow for proper air circulation.
- Please make sure that your unit has its own dedicated outlet.
- Do not use an extension cord.

# Operation

## Temperature Control

The temperature can be controlled with the temperature control knob.



To adjust the temperature turn the knob clockwise. The higher the number the lower the temperature. Generally, position '4' or '5' is suggested to make a normal setting. The "OFF" position will stop the compressor while the "MAX" position will allow the compressor to continually run Do not keep the knob at this point for more than 4-5 hours

## Maintenance

- The Refrigerator should be cleaned regularly. When cleaning, turn off the power, remove the product and 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, keep the power supply away from water.



# WARRANTY

## LIMITED WARRANTY

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Koolmore Supply, Inc. extends a limited warranty to the original purchaser, guaranteeing that this Koolmore product is free from manufacturing defects in material or workmanship for one year from the date of purchase.

Should you discover any such defect within the warranty period, Koolmore Supply, Inc., reserves the right to repair or replace the product without charge, or to cover the cost of replacement parts and repair labor needed to correct defects present at the time of purchase or resulting from regular usage, when the appliance has been installed, operated, and maintained as per the instructions provided.

At its sole discretion, Koolmore Supply Inc. may decide to replace the product. In such an event, your replacement appliance will carry the warranty for the remaining term of the original unit's warranty period.

This warranty is valid exclusively to the original purchaser of the product and only applicable within the United

States. The warranty commences from the date of original consumer purchase. Proof of the original purchase date will be required to obtain service under this warranty.

Under this limited warranty, your sole and exclusive remedy will be product repair, as outlined above. All services must be provided by a Koolmore-designated service company.

To claim warranty or request repair service:

Email [support@koolmore.com](mailto:support@koolmore.com). Please include your name, address, phone number, warranty repair request,

and a copy of your proof of purchase receipt. Alternatively, visit [koolmore.com](http://koolmore.com) and use the contact us page. A

Koolmore customer service representative will promptly arrange service for your appliance.

We thank you for choosing Koolmore.

## WARRANTY EXCLUSIONS

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This limited warranty will not cover:

1. Failure of the product to perform during power failures or interruptions, or due to inadequate electrical service.
2. Damage incurred during transportation or handling.
3. Damage caused by accidents, vermin, lightning, winds, fire, floods, or acts of God.
4. Damage resulting from accidents, alterations, misuse, abuse, improper installation, repair, or maintenance.

This includes using any external device that alters or converts the voltage or frequency of electricity.

5. Unauthorized product modifications, repairs by unauthorized centers, or use of non-approved replacement parts.

6. Abnormal cleaning and maintenance not aligned with the user's manual.

7. Use of incompatible accessories or components.

8. Any costs associated with repairs or replacements under these excluded circumstances shall be the responsibility of the consumer.

