

Bottle Cooler

M25

M65

M80

M140

Instruction Manual



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COMMERCIAL REFRIGERATOR SAFETY

Safety is very important. Always read and obey all safety messages in this manual and on your appliance.

All safety messages will alert you to what the potential hazard is, tell you how to reduce the chance of injury, and let you know what can happen if the instructions are not followed.

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.

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 the appliance.

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

Keep the appliance and its cord out of reach of children less than 8 years.

Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

The appliance uses flammable refrigerant R600a and flammable insulation blowing gas cyclopentane, disposal of the appliance shall in accordance with the regulations of local authorities, and should be done by qualified person.

The appliance is provided with the lamp. It has to be replaced by identical lamps only.

The key for appliance electric box should be safely kept by qualified persons in order to avoid a hazard.



WARNING: **Risk of fire / flammable Materials used in appliance**

WARNING! Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.

WARNING! Do not damage the inner or outer walls of the appliance: the refrigerant fluid circuit may be damaged.

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! In case of damage to the refrigerant fluid circuit, do not start the appliance and contact a qualified service technician.

WARNING! Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

CAREFUL! Handling, moving, and use of the appliance to avoid either damaging the refrigerant tubing.

CAUTION ! - Component parts shall be replaced with like components and that servicing shall be done by factory authorized service personnel, so as to minimize the risk of possible ignition due to incorrect parts or improper service.

DANGER: Risk of child entrapment. Before you throw away your old refrigerator or freezer: Take off the doors, Leave the shelves in place so that children may not easily climb inside.

SAFETY INSTRUCTIONS

When using this appliance, always follow the basic safety precautions.

1. Read the entire User's Manual before operating this appliance.
2. Use this appliance only for its intended purpose as described in this Manual.
3. This appliance must be properly installed in accordance with the instructions before being used.
4. VESTFROST requires that a dedicated circuit be used for the unit. Failure to do so voids warranty.
5. Never unplug your cooler by pulling on the cord and pull it straight out from the outlet.
6. Unplug your appliance before cleaning or making any repairs. Note: If for any reason this product requires service, we strongly recommend that a certified technician perform the service.
7. When disconnecting the power source, wait at least 5 minutes to reconnect the power to avoid damage to the compressor and the cooling system.
8. Immediately repair or replace all electrical cords that have become frayed or other-wise damaged. Do not use a cord that shows cracks or abrasion damage along its length, the plug or the connector end.
9. Do not operate or store your appliance near or around explosive fumes, gasoline or other flammable vapors and liquids.

10. Do not use flammable liquids to clean unit.

11. Do not adjust the temperature control. The temperature control is factory set for Intermediate performance.

INSTALLATION

Before discarding the packing material, check the appliance carefully for shipping damage. If any damage is found, contact the delivery carrier immediately and have his agent prepare an inspection report for the purpose of registering a claim.

Ambient Environment

The appliance is not suitable for working in dangerous environment with risk of fire, explosions or radiations.

- Place cooler on an even surface to reduce vibration and noise.
- Do not place cooler in direct sunlight or near any heat sources.
- Do not place cooler in environment temperatures that exceed **32 °C**.
- Do not place cooler in below normal temperatures.
- Do not place cooler in extreme humid environments, this may cause components to rust.
- Do not place cooler near constant running or splattering water, this may cause immediate damage to refrigeration system.
- Must leave at least 100mm between rear of cooler and wall for proper ventilation and heat dissipation of cooler.
- Do not place furniture or other articles with sharp edges near the cooler in order to prevent damage to the glass door.
- This cooler is for indoor use.
- Place unit in it's final location, making certain there is adequate ventilation in the room.

WARNING! Warranty is void if ventilation is insufficient.

Preparation For Operation

- Remove all packaging materials before using cooler.
- Inspect cooler for concealed damage. Immediately file a claim with the freight carrier if there is damage.
- Cooler must remain unplugged in an upright position for 1 hours prior to be started . If the cooler has been tilted sharply, it must be in upright position for 3 hours at least before being started.
- Ensure that drain hose or hoses are positioned in the pan.
- Clean the interior surface with a soft cloth. Warm water together with 5% of neutral soap can be used and then dry it with a soft cloth.
- Remove plug and cord from inside the lower rear of the cooler.
- The unit should be placed close enough to the electrical supply so that extension cords are not used.

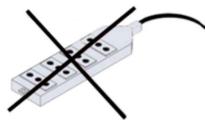
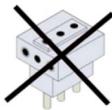
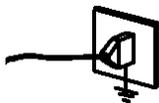
Electrical Requirements

- This model operates with a 220-240V/50Hz power supply.
- Dedicate one outlet for the use of the cooler.
- Do not use an extension cord or any other multiple connectors as this can lead to compressor failure.
- If the cord is damaged, it must be replaced.

For your safety, plug the unit into a grounded wall outlet. Please check with a certified electrician for details.

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WARNING! Do not use extension cords.

WARNING! Compressor warranties are void if compressor burns out due to low voltage.

WARNING! Power cord ground pin must NOT be removed

Drip Pan

- During normal compressor cycle, water will drain into the drain pan and evaporates.

LEVELING

- Place the cooler on a dry, level surface.
- Unit must be leveled for proper operation; this will help prevent condensation.
- The cooler should be leveled front to back and side to side with a level.

LOAD LEVEL

The max. loading of shelf is 20kg.

When loading cooler, do not place product in direct contact with the evaporator fan cover in a manner that prevents the movement of air. Leave approximately 25mm of free space in front of the cover to allow sufficient.

DEFROSTING

During normal compressor cycle, defrosted water will drain into the drain pan in the compressor compartment and evaporates.

In case of heavy frost happen, the cooler cool will be insufficient. It need to power off the cooler to frost completely as follows:

- Empty the appliance.
- Unplug and leave the glass door open for 2 hours normally or no water drop to drain pan.
- Close the glass , connect the power plug and run the appliance for 2 hours, and then input the products.

Maintenance

Cleaning

It is necessary to do periodic cleaning for good preservation of the appliance.

- Before cleaning the appliance, always remember to unplug it.
- Unplug the cooler at the electrical outlet; never pull the service cord.
- Do not use sharp or pointed objects for cleaning.
- Clean the inside cabinet of the cooler with a clean damp cloth. Avoid damage by using non-abrasive and non-flammable cleaning products.
- Clean the condenser at least once a month with a vacuum cleaner or a brush to eliminate the dust accumulation.

Light Replacement

- Turn off the switch of lighting, and unplug the cooler before removing the LED light strip.
- Remove the screws.
- Remove the light cover gently.
- Take out the LED light strip.
- Replace the used strip with new equivalent light strip.
- Install the light cover and tighten the screws again.
- Plug in the cooler and turn on the switch of lighting.

Moving The Cooler

- Empty the unit.
- Secure all loose parts inside the cooler.
- Tape the door shut.
- During transportation, make sure that the cooler is in an upright position.

Power Failure

- Please minimize the frequency of opening the door during a power failure.
- If your cooler is unused for an extended period of time, unplug, empty, and clean your cooler and keep the door open to avoid condensation, formation of mold, or odors.

Disposal

Disposal of the cabinet must take place in an environmentally correct way. Please note existing law and the provisions of the environmental regulations on disposal. There may be special requirements and conditions which must be observed.

Pre-Caution, Non-Operating Coolers Should Have:

1. Door removed.
2. Shelves kept in place in order to prevent any small child from climbing inside cooler.

TROUBLESHOOTING

The following are NOT malfunctions:

Situation	Causes
Liquid flowing noise within cooler	<ul style="list-style-type: none">• This is the sound of the cooling agent flowing through the pipes.
Refrigeration system is shutdown for longer periods of time while temperature inside is still very low	<ul style="list-style-type: none">• This appliance is well insulated and can maintain a relatively ambient temperature.
Condensation on door	<ul style="list-style-type: none">• This may be due to a high indoor humidity or the cooler's temperature is set too low. Wipe the door dry with a towel.

This refrigerator has been designed and manufactured according to National standards. If there are any questions during use, refer to this operation manual to help troubleshoot problems.

Prior to calling service, check the following:

Issues	Solutions
Cooler is not working properly	<p>Please check power supply:</p> <ul style="list-style-type: none">• Check the electrical outlet for power, and that the plug is properly inserted.• Check to see if the circuit breaker is tripped or the fuse is blown.• Check if the condenser is free of dirt and debris.• Check for low voltage
Cooler is not keeping product cool	<ul style="list-style-type: none">• Provide ample space between all products to ensure proper circulation of air.• Keep unit away from direct sunlight or other heating source.• Keep the door closed as often as possible.• Be certain the cooler is not touching external objects or walls.
Excessive noise	<ul style="list-style-type: none">• Be certain the cooler is placed on a level surface.• Be certain the cooler is not touching external objects or walls. <p>low voltage</p>
Compressor turns on and off frequently	<ul style="list-style-type: none">• The room temperature is higher than normal.• The door is not closed completely.• The door gasket is not sealed properly.• There is insufficient clearance around the cooler.• The thermostat is not set properly.• The frequency of cycling will be reduced when all of the product reaches the set temperature.

AFTER SALES SERVICE

Any product has the possibility of malfunction. Please observe the cooler's operation and any changes to product being stored. If there are any abnormal cases, refer to the table below. If there is still no change after following the below instructions, please inform our service center in a timely manner to avoid a further loss of the unit.

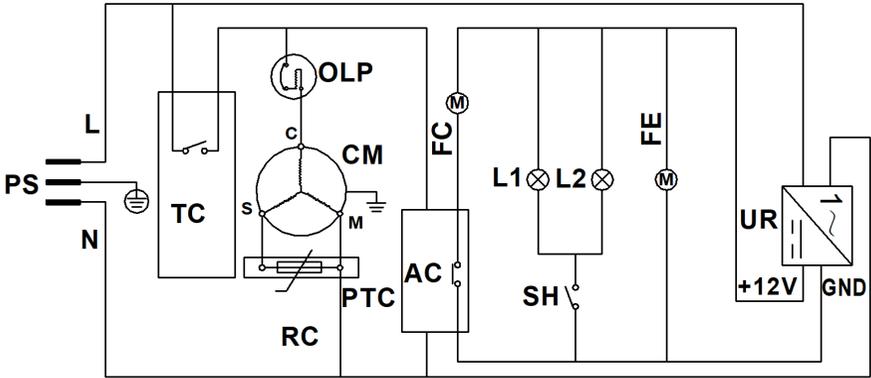
Information to provide to your qualified service professional:

- Serial number from the interior wall of the cooler.
- Coolers' installation address and contact information.
- Installation location hours and operation.
- Nature of problem.
- Any reports of power interruptions.
- Recent service or maintenance completed on the cooler.
- Has the cooler been relocated from original installation location.
- Clear access to the cooler.
- Coolers' instruction manual.

SPECIFICATIONS

MODEL	VOLUME(L)	RATED VOLTAGE	RATED CURRENT	LAMP INPUT POWER	REFRIGERANT
M25	22	220-240V/50Hz	0.4A	7W	R600a/18g
M65	60	220-240V/50Hz	0.7A	10W	R600a/30g
M80	84	220-240V/50Hz	1.0A	15W	R600a/24g
M140	126	220-240V/50Hz	1.0A	17W	R600a/32g

CIRCUIT DIAGRAM



PS Power Supply
 OLP Overload protector
 AC Ac Signal Converter
 SH Light Switch
 L1 Interior LED Light
 L2 Door LED Light

CM Compressor
 PTC Start Device
 TC Thermostat
 UR Switching Power Supply
 FC Condenser Fan
 FE Evaporation Fan

