

# CS 12.7R Upright Display Cooler Instruction Manual

\*Please read these instructions completely before operating the units.\*

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## Safety Precautions

- **To ensure proper use, please read the safety precautions thoroughly before operating the unit.**
- The purpose of the safety precautions in this manual are to ensure safe and correct use of the unit, in order to minimize risks that could cause serious damage and injury to the user or those around them. The safety precautions are divided into “WARNINGS” and “CAUTIONS.” Cases where improper handling of the unit could lead to death or serious injury are listed under the “WARNING” heading. However, the cases listed under the “CAUTION” heading could also lead to serious issues. It is of utmost importance that the user adheres strictly to both types of safety precautions.
- Keep ventilation openings, whether located in the appliance enclosure or the built-in structure, clear of obstruction.
- 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 permission or instruction regarding use of the appliance by a person responsible for their safety.
- It is advised that children should not play with/around the appliance.
- Do not use mechanics or other means to accelerated the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- Text set apart by an exclamation mark indicates information that should be strictly adhered to.
- After reading the instruction manual, store it in an easily accessible place, where the user(s) of this product can easily find it.
- Precautions for Installation

<b>WARNING</b>
<p>Installation should be performed only by the dealer or a qualified expert. Attempting to install the unit yourself could result in water leakage, refrigerant leakage, electrical shock, or fire. !!!!!</p>

- Precautions for Use

<b>WARNING</b>
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<p>All repairs, disassembly, and modifications should only be performed by qualified technicians. Attempting to perform these yourself could result in a fire, malfunction, and/or injury.</p>	<p>Never splash water directly onto this product or wash with water, as short-circuiting or an electrical leakage could occur as a result.</p>
<p>Never put flammable or volatile substances into the unit, as explosion and/or fire could result.</p>	<p>Do not damage, modify, excessively bend, strain, twist, or bundle up the power cord. Additionally, placing heavy objects on the power cord, or squeezing it into a tight place could damage it, possibly resulting in electrical shock or fire.</p>
<p>Use a dedicated wall outlet. Do not use extension cords or power strips, as this could result in electrical shock, overheating, and/or a fire.</p>	<p>Never use flammable spray cans or leave flammable substances near the unit. Sparks from electrical switches could result in explosion and fire.</p>
<p>The cooler is intended for storage and display of beverages for sale. Do not use for purposes other than those intended for the unit, as it could adversely affect the items stored inside.</p>	<p>Never attempt to insert fingers, sticks, etc. into the cold air suction outlet, as a circulation fan is rotating at a high speed inside the outlet. Injury, electrical shock, and improper operation could result.</p>
<p>This unit is for indoor use only. Use outdoors, or in a location exposed to rain, could result in electrical leakage and electrical shock.</p>	<p>Never place heavy objects or items containing water on top of the unit. Objects could fall and cause injury, and spilled water could deteriorate the insulation of electrical components and result in electrical leakage.</p>
<p>Install the unit in a location where the floor is sturdy enough to support the load of the unit. If the floor is not sturdy enough or installation is performed incorrectly, the unit could tip over and falling shelves or</p>	<p>If you find gas leakage, please don't touch the chest freezer, turn off the gas, and open a door for ventilation. Gas leakage could cause explosion, fire, or serious injury.</p>

products could cause personal injury.	
Be sure to store the unit indoors, where it won't be exposed to rain or the like. Using a unit that has been exposed to rain could result in electrical leakage or shock.	Keep away from hot air sources. Cooling performance is reduced if the unit is placed near heat sources, such as hot plates, stoves, or exposure to direct sunlight.
Leave disassembly and disposal of the unit to qualified experts.	Should the unit need temporary storage, make sure not to store the unit in a location where children play and take precautions so that the door cannot be completely closed. This will minimize the risk that a child becomes trapped inside the compartment.
Keep the unit in a well ventilated place. Please ensure that there is more than 10 cm of space between upright cooler and the wall. If there is no space, cooling capacity can drop down.	If installation in a damp location is unavoidable, also install an electrical leakage circuit breaker. If no leakage circuit breaker is installed, electrical shock could result.
Never hang from the door or climb onto the unit. The unit could tip over or fall and cause material damage or injury.	Disconnect the power cord plug from the wall outlet before moving the unit and make sure that the power cord is not damaged during transport. A damaged power cord could result in electrical shock and/or fire.
Grasp the handle when closing the door. Holding in other positions could result in pinched fingers and injury.	Do not push hand against or apply excessive force to glass surfaces, as the glass could break and cause injury.
When disconnecting the power cord plug from the wall outlet, hold at the plug main body close to the outlet. Pulling the cord could cause wire breakage, possibly resulting in overheating and fire.	Make sure that the unit does not flip over or fall when it's moved. A falling unit could cause serious injury.
Do not throw items onto the shelves and do not place items totaling more than 25kg on each shelf, or the shelf could break; possibly causing injury or	Be sure to attach and secure shelves correctly. An improperly attached shelf could fall down and cause injury.

damage to the products stored inside.	
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## How to Use

### Before Use

- Remove shipping package, tape, etc. and leave doors open to ventilate for 20 minutes.
- The unit is cleaned before shipment. However, it is recommended that the user cleans the compartment interior after delivery.
- Please insert power supply plug into the wall outlet, single-phase to cat voltage.
- Allow the unit to operate for about one hour, in order to cool the compartment, prior to placing items within the cooler.

### Wait 5 minutes or more before re-starting!

- Restarting the unit immediately after it has been turned off may cause fuses to blow, the circuit-breaker to be activated, the compressor to be overloaded, and/or other damage to occur.

### Temperature Adjustment

**For the showcase cooler, when fully loaded, at factory default settings of a 4-5 position, the interior temperature should be kept between 32°-50°F. If the ambient temperature is extremely high, or the interior capacity has been surpassed, the interior temperature may rise higher than normal. To fix this, it is recommended that the thermostat be lowered to maintain the right temperature. If the opposite occurs, meaning the ambient temperature is very low, or there is little to nothing being stored inside the cooler, the interior temperature might reach a lower than normal temperature; which could cause the evaporator to ice over. In this circumstance, the thermostat should be moved to the left, to return the interior to the proper temperature.**

### Drain Tray

- Defrosting is performed automatically and drain water is collected in the drain tray.
- Water in the drain tray is evaporated automatically. When humid, there can be a large amount of water in the drain tray, so drain water must be cleaned out once a day.

### Efficient Use

- To prevent cold air from escaping, open and close the door quickly and keep the door opened for as short a time as possible, when necessary.
- Please install the unit in a well-ventilated location, in order to promote efficiency.

### Shelf Height Adjustment

- The shelf height may be adjusted.
- Arrange the shelves in accordance with the dimensions of the items that will be placed inside the cooler.

### Placing items in the display case

This showcase employs a circulated cold air system. If the circulation is obstructed, the items will not be adequately refrigerated. In order to avoid this situation, please pay attention to the following points:

- Do not let products stored inside the unit obstruct the cold air inlet and suction outlet.
- Place items so that they do not protrude from the shelves. The gap between the shelves and the door is used for the continuous circulation of cold air.
- Place items evenly on all shelves.
- Please do not display goods on the bottom. Goods should be kept on the shelves.

**Commercial refrigeration display cooler.**

## Cleaning

<b>WARNING</b>
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To prevent any electrical shock hazards or injury by rotating circulation fan, always disconnect the power cord plug from the wall outlet before cleaning.
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### 1) EXTERIOR AND COOLER COMPARTMENT

Wipe with a soft, dry cloth. If very soiled, wipe with a cloth that has been moistened with a detergent, then wipe with a cloth that has been dipped in water.

<b>WARNING</b>
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Do not splash water directly onto the cooler and do not wash with water. Short-circuiting and electrical shock could result. !!!!!
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- Clean the cooler regularly, in order to keep the unit in suitable condition. Neglecting proper maintenance will invalidate the warranty.
- Never use polishing powder, soap powder, benzine, oil, or hot water in cleaning the cooler, as these will damage the paint and plastic components.

### 2) CHECKS

To ensure the safety of the user, perform the follow checks after cleaning.

- Is the power cord plug firmly inserted into a dedicated wall outlet?  
Confirm that the plug is not abnormally hot.
- Check the power cord for cracks and damage. Should the slightest irregularity be observed, contact the dealer from whom you purchased this unit or our customer's service.

## In Case of the Following...

### 1) POWER FAILURE

- Keep opening and closing of the door to a minimum.
- Avoid placing new items in the cooler, as this will increase the interior temperature of the compartment.

### 2) WHEN NOT USED FOR A LONG PERIOD OF TIME

- Remove all items from the compartment and disconnect the power cord plug from the wall outlet.
- Clean the compartment interior and wipe away all water.
- To prevent mold formation and bad smell, leave the door open to dry the compartment completely.

### 3) TRANSPORTATION

- Disconnect the power cord plug from the wall outlet.
- When moving the cooler, make sure that the feet do not damage the power cord.
- Do not let the feet hit against floor steps, thresholds, etc.

### 4) TEMPORARY STORAGE

- Affix a piece of wood, etc. between the door and main unit to prevent complete closing of the door.
- Make sure not to store the unused cooler at a location where children play. If a child should enter the compartment when the door is closed, the child may not be able to open the door from the inside.



## Before Requesting Service

Please check the following items if you encounter problems with the unit. If the problem continues after attempting the proper remedial actions, disconnect the power cord plug from the wall outlet.

Transfer the items stored in the cooler to an alternate box or container. Then contact the provider from whom you purchased this unit and be ready to provide information as listed in “Required Information” below.

CAUTION	
To prevent any electrical shock hazards, do not disconnect the power cord plug from a wall outlet with wet hands.	

No refrigeration at all	<ul style="list-style-type: none"> <li>• Is the power supply interrupted?</li> <li>• Is the power cord plug disconnected from the wall outlet?</li> <li>• Are the shop’s power fuses blown and/or has the circuit breaker been activated?</li> </ul>
Inadequate refrigeration	<ul style="list-style-type: none"> <li>• Is the temperature setting appropriate?</li> <li>• Are items obstructing the cold air inlet and suction outlet?</li> <li>• Are stored items packed too tight?</li> <li>• Is the door open or is it opened and closed frequently?</li> <li>• Is the condenser clogged?</li> </ul>
Excessive noise	<ul style="list-style-type: none"> <li>• Are all feet in firm contact with the ground?</li> <li>• Is the rear panel of the cooler touching the wall and/or other objects?</li> <li>• Are other objects in contact with the cooler?</li> </ul>
Condensation on cooler exterior	<ul style="list-style-type: none"> <li>• Condensation may condense on the exterior and door during hot and humid days, or depending on the place of installation, this occurs when the humidity is high and water particles in the air contact cold surfaces. This is normal, simply wipe away condensation with a dry</li> </ul>

	cloth.
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**Showcase sometimes stops running when the thermostat turns off.**

### Required Information

*For repair, after the information on the previous page has been viewed and checked.*

- 1) Nature of malfunction (as accurately as possible)
- 2) Product number [found on the carton's rating label]
- 3) Serial number [can also be found on the carton's rating label]
- 4) Customer's name, address, and phone number
- 5) Year and date of unit purchase
- 6) Desired date for service visit

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

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

3- Please abandon the refrigerator according to local regulators, for it uses flammable blowing gas and refrigerant.

4- Lamps have to be replaced by identical lamps only.

5- If the supply cord is damaged, it must be replaced by the manufacturer, it's service agent, or similarly qualified persons, in order to avoid a hazard.