

Refrigerated display case

Please read this user manual carefully before use and follow
this manual

Please keep it in a safe place so you can refer to it later

Multideck display case,
counter display case, self-
service display case,
combination display case

Installation, Operation, and Maintenance Manual
(HC-gas R290 used)

Safety Tips

- Place the unit on a level, horizontal, and stable surface.
- Install the display in a suitable environment with sufficient ventilation space behind and above the unit. The ambient temperature must be <25 °C, the relative humidity <60%, and the natural air velocity <0.2 m/s.
- Do not place the device near heat sources, direct sunlight, or air conditioning units.
- Do not use extension cords or power adapters; the power cord must be plugged into an outlet located > 450 mm above the floor.
- Installation and any necessary repairs should be performed by a service technician or qualified professional. Do not remove any components or access panels on this product.
- Observe local and national standards to comply with the following:
 - Occupational health and safety regulations
 - BS EN codes of practice
 - Fire safety regulations
 - IEE regulations for electrical installation
 - Building codes
- DO NOT use high-pressure washers to clean the unit.
- DO NOT use the unit outdoors.
- DO NOT use this unit to store medical devices.
- DO NOT use electrical appliances inside the unit. (e.g., heaters, ice makers, etc.)
- DO NOT lean on the base, shelves, or doors.
- DO NOT allow oil or grease to come into contact with the plastic parts or seals. Clean them immediately if this does happen.
- Bottles with a high alcohol content must be sealed and placed upright in the refrigerator.
- Always transport, store, and handle the appliance in an upright position, and move it by holding the base of the appliance.
- Always turn off the appliance and unplug it from the power source before cleaning.
- Keep all packaging materials out of the reach of children. Dispose of the packaging in accordance with local regulations.
- If the power cord is damaged, it must be replaced by a representative or a recommended qualified technician to avoid hazards.

Introduction

Please take a moment to read this manual carefully. Proper maintenance and operation of this appliance will ensure the best possible performance of your product.

Contents Installing

the Shelves

1. Install a set of shelf guides on each side of the cabinet at the desired height.
2. Slide the shelf into position.
3. Attach the magnetic LED light strips to the underside of each shelf near the front.
4. Repeat this for the remaining shelves.

Note: Do not overload the shelves with products; observe the maximum weight load of 50 kg/m².

Multideck-PLUG IN

- Refrigerated display case
- Front glass
- User manual

Service counter & self-service counter & combination display case

- Refrigerated display case
- Front glass
- User manual
- Glass shelves and accessories

We take pride in our quality and service and ensure that the contents are fully functional and undamaged. If you notice any damage from shipping, please contact your dealer immediately.

Setup

Note: If the unit was not stored or transported in an upright position, allow it stand upright for about 12 hours before use. If in doubt, let the unit stand.

1. Remove the unit from the packaging. Ensure that all protective films and coatings have been thoroughly removed from all surfaces.
2. To ensure adequate ventilation, maintain a distance of 20 cm (7 inches) between the device and walls, ceilings, or other objects. Increase this distance if the obstacle is a heat source.
3. Ensure that the ambient temperature is within the range specified for the device; avoid locations below 15 °C.
 - Be mindful of enclosed spaces with other cooling devices, as additional ventilation may be required.
4. Ensure that the cabinet is level and align it
5. Loosen the cords around the shelves, adjust them as needed, and attach the price rails to the front of the shelves

Note: Before using the appliance for the first time, thoroughly clean the shelves and the interior with warm soapy water and then dry them.

Night Shade

The open display case is equipped with a night shutter that must be closed when not in use. Closing the night shutter saves energy. Open or close the night shutter slowly and hold the night shutter handle firmly until it is fully extended or retracted.

Note: This feature is only available on models without a glass door, self-service counters, and combination display cases

Operation

Food Storage

Follow these instructions to get the best performance from your appliance:

- Do not store food in the unit until it has reached the correct operating temperature.
- Products must be pre-chilled before being placed in the refrigerated display case.
- Do not store flammable, explosive, or volatile liquids or gases in the appliance.
- Do not place hot food or liquids in the appliance.
- ALL food must be covered/wrapped, including sauces.
- Do not overload the individual shelves; leave enough space for air to circulate around the products.
- Place the products carefully in the appliance to avoid damage or scratches to the surfaces.
- Wipe up spilled liquids immediately to prevent potential blockages and cross-contamination of food.
- Do not cover the fans inside the appliance.
- Do not place hot food or liquids in the appliance.
- Avoid opening the doors, if present, for extended periods of time.
- Monitor the temperature and record the readings every 2 hours.

Close

1. Close the door(s) / the night cover of the unit.
2. Make sure the power switch is set to [O], and plug the unit into the outlet.
3. Turn the power on [I]. The current temperature inside the unit is displayed. Wait half an hour before loading the cabinet.
4. Turn on the red heating switch, if available, as this is needed to boil off any condensation.
5. Turn on the light switch to illuminate the display area.

Setting the target temperature

1. Press and hold the setting button for 3 seconds until the C LED begins to flash and the currently set temperature is displayed
2. Use the arrow keys to set the desired setpoint temperature.
3. Press the set button to save and wait approx. 5 seconds until the display shows the cabinet temperature; the cabinet will then cool down to the new set temperature.

NOTE! The temperature shown on the display fluctuates during normal operation as the unit regulates the cabinet temperature.

Defrosting

The unit automatically performs a defrost cycle every four hours. During this part of the cycle, the temperature may rise slightly, but the product temperature is not affected.

Note: The cycle begins from the moment the unit is first turned on.

To defrost the unit manually:

1. Press and hold the DEFROST button for 5 seconds.
2. The defrost cycle begins immediately and the defrost LED lights up. The defrosting process takes a maximum of 30 minutes.

Note: Starting a manual defrost also resets the timer for automatic defrost. The next automatic defrost will begin six hours after the manual defrost is complete.

Cleaning, Care, and Maintenance

Turn off the appliance and unplug it from the power source before cleaning.

- Clean the interior of the appliance daily and as often as possible.
- Do not use abrasive or corrosive cleaning agents or sprays. These can leave harmful residues.
- Clean the door seal only with warm water and a mild detergent.
- Always wipe the appliance dry after cleaning. Stainless steel cleaner can be applied to stainless steel surfaces to maintain them.
- Make sure that the water used for cleaning does not run through the drain opening into the evaporation tray.
- Be careful when cleaning the back of the appliance. Sharp edges can cause cuts.
- If repairs are necessary, they must only be performed by a specialist or qualified technician.
- The front glass panel of the deli display case can be opened and cleaned

Cleaning the Condenser

Regular cleaning of the condenser can extend the life of the unit. We recommend cleaning the condenser **ONCE A MONTH**, especially in higher ambient temperatures. It is located beneath the cabinet behind the magnetic, vented front panel, which can be folded down to allow access for cleaning with a brush or vacuum cleaner. Be careful not to damage the delicate surface, and brush the surface gently.

We recommend having the condenser cleaned by a professional or a qualified technician.

Troubleshooting

If your appliance malfunctions, please check the following table before calling your dealer.

Problem	Possible Cause	Action
The device is not running	The device is not turned on	Check that the device is properly connected and turned on
	The plug and cable are damaged	Contact your dealer or a qualified technician
	The fuse in the plug has blown	Replace the fuse
	Power supply	Check the power supply
	Fault in the internal wiring	Contact your dealer or a qualified technician
The unit turns on, but the temperature is too high/too low	Too much ice on the evaporator	Defrost the unit
	The condenser is clogged with dust	Have the condenser cleaned
The unit turns on, but the temperature is too high/low	The doors are not closed properly	Check that the doors are closed and the seals are not damaged
	The appliance is located near a heat source/in a high ambient temperature environment/in a drafty location	Move the refrigerator to a more suitable location / ensure better ventilation
	Inappropriate food items are stored in the appliance	Remove excessively hot food or obstructions from the fan
	The appliance is overloaded	Reduce the amount of food stored in the appliance
Water is leaking from the appliance	The device is not level	Level the appliance using the adjustable feet (if available)
	The outdoor drain is clogged	Clean the drain
	The heater is turned off	Turn on the heating switch
	The water tank is damaged / The evaporator tray heater is not working	Contact your dealer or a qualified technician
The unit is unusually loud	Loose nut/screw	Check and tighten all nuts and screws
	The unit was not in a level or stable position	Check the installation position and adjust it if necessary

Electrical Wiring

The units are supplied as standard with a 3-pin BS1363 plug and cable, as well as a 13-amp fuse. The plug must be connected to a suitable wall outlet; extension cords or plug adapters must not be used. The units are wired as follows: Live wire (brown) to the terminal marked L

Neutral wire (blue) to the terminal marked N Ground wire (green) to the terminal marked E

All devices must be grounded via their own grounding circuit. If in doubt, consult a qualified electrician.

Electrical disconnect points must be kept free of obstructions. In the event that an emergency shutdown is required, they must be easily accessible.

This unit uses R290 refrigerant.



Warning!

Read the repair manual/operating instructions before attempting to install or service this product. All safety precautions must be followed. Dispose of the unit properly in accordance with state or local regulations. Risk of fire or explosion due to damage to refrigerant lines. Follow the handling instructions carefully.

Danger!

Fire or explosion hazard. Flammable refrigerant is used. Repairs must only be performed by trained service personnel. Do not use mechanical devices to defrost the refrigerator. Do not puncture refrigerant lines.

Disposal



EU regulations require that refrigeration appliances be disposed of by specialized companies that remove or recycle all gases, metal, and plastic components.

Contact your local waste disposal authority regarding the disposal of your appliance. Local authorities are not required to dispose of commercial refrigeration units, but they may be able to provide advice on disposing of the units

locally.

All packaging materials should be disposed of in an environmentally responsible manner.

The cardboard can be recycled as waste paper. The protective film and foam padding are CFC-free. Do not let children play with the packaging, and dispose of plastic bags safely.



Environmental Protection

End-of-life electrical appliances are recyclable and must not be disposed of with household waste! Please actively support us in conserving resources and protecting the environment by taking this appliance to collection points (if available).

Conformity

The parts have undergone rigorous product testing to meet the standards and specifications set by international, independent, and government authorities.

The products are authorized to bear the following symbol:





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