



Open Front Showcase

User Guide



18mcka730VN

Thank you for choosing our appliance. It is essential that you read this booklet carefully and keep in a safe place for future reference. The booklet contains mandatory safety information as well as details of essential maintenance routines.



WARNING!

Refrigeration repairs and electrical work may only be carried out by suitably qualified and competent persons.

Distributed by masterchefpr.com



787788-2264 787788-2269 787275-1643

787308-2132

Royal industrial Park 500 carr 869
suite 1003 Catano, PR 00966

ventas@masterchefpr.com

Contents

- 1.Before you start1
- 2.Intended use of the cabinet1
- 3.Operation of the appliance4
- 4.Maintenance.....6
- 5.Service and Spare parts.....7
- 6.Disposal of Equipment at End-of-Life.....7
- 7.Technical Specifications.....7
- 8.Working principle diagram.....7
- 9.Structure diagram.....8

1. Before you start

Thank you for your selection of this appliance. Please read this User Guide carefully. It explains how to position, install, use and maintain the appliance in the authorised manner. Please store this User Guide in a safe place and ensure that it is available for reference by other users. All those responsible for the appliance must be aware of how to operate it safely. The cabinet must be installed, started up and operated in compliance with local hygiene laws, safety regulations and the manufacturer's instructions set out in this User Guide. If the appliance has sustained damage in transit or, if a defect is apparent upon start-up, please switch it off, disconnect from the mains power supply and report the fault to the manufacturer.

1.1. Environmental conditions

The appliance has been designed to be operated in ISO Climate Class 3 conditions.

These are defined as:

- Maximum ambient temperature 26°C/78.7°F
- Relative Humidity 60%

2. Intended use of the cabinets :

The Model 18mcka730VN are commercial products intended for the storage and display of pre-packaged food, dairy and beverage items. The appliance is not to be used for purposes other than these nor in ambient climatic conditions that exceed Climate Class 3.

2.1. Safety Warnings



WARNING!

Any electrical work must be carried out by suitably qualified persons.

Please observe the following safety precautions and instructions at all times. The manufacturer accepts no liability if the instructions and warnings in this manual have been disregarded:

-
- The appliance is for indoor use only.
 - Do not use this appliance other than for its intended use as a commercial chiller for pre-packed food, dairy and beverage items.
 - Always observe the load lines and do not overfill. The maximum individual shelf loading weight of 20kgs must not be exceeded.
 - Always disconnect the mains power supply before removing any cover, performing maintenance work, cleaning or making any repairs.
 - Ensure that children do not play with the appliance. Neither cleaning nor user maintenance shall be performed by children.
 - Do not cover up or obstruct any of the Ventilation either the front or rear, nor the interior cold air curtain system . Please be aware that warm air must be allowed to escape upwards from the rear of the appliance.
 - Do not probe any of the openings in the cabinet. Do not access the evaporator or compressor compartments while the cabinet is connected to the mains power.
 - Any electrical work on the cabinet shall only be carried out by suitably qualified, competent and skilled persons in possession of current certificates and licenses sufficient for the practice of their trade.
 - Do not overload the power supply. Always ensure that the power supply is sufficient for the electrical requirements that are specified on the rating label. The rating label is located behind the front grille . If in doubt, please consult a qualified electrician.
Important: never use adapters or mul-block extension leads to connect the appliance
 - to the mains power.
 - If the mains power supply cord is damaged, it must be replaced by the appliance manufacturer, its service agent or a suitably qualified, competent and skilled electrician in order to avoid a hazard.
 - Do not store explosive or flammable substances, liquids or packages (such as aerosol cans with a flammable propellant) inside this appliance.
 - Do not use any electrical appliances inside the refrigerated compartment of this appliance.
 - Do not use any mechanical devices or other means to accelerate the defrosting process. Defrosting is performed automatically by the electronic controller and needs no user interrupt.
-

-
- Do not damage the refrigeration circuit. If you do so by accident, then open a window or door immediately so as to ventilate the area. The refrigerant is flammable.
 - This appliance contains flammable refrigerant within its sealed system. Therefore, it is mandatory that the cabinet is serviced and, at end-of-life recycled by, a professional organisation with appropriate skilled persons who have the necessary qualifications, certifications, licenses and expertise to do so. If in doubt please contact the supplier.
 - During all operations please be careful not to jolt, bump, jar or thump the cabinet. Handle it gently and with care. The refrigeration pipework is delicate and may be damaged by rough handling.
 - Never move or tilt the appliance whilst it is connected to the power supply.
 - The appliance must always be earthed.

possession of the correct licenses. The use of any other type of refrigerant is dangerous and is not permitted under any circumstances.

- Electrical equipment should not be placed under the unit, nor where the refrigerant could gather in the event of a leak.
- Prior to first use, please clean and sanitise the appliance according to the instructions in section 2.2.

2.2.Unpacking and Initial Set Up

2.2.1 Unpacking

- Prior to opening the packing case, please equip yourself with personal protective equipment sufficient for the task. There are risks including but not limited to, splinter, cut, crushing and bruising. Ensure that any nails, screws or metal fastening brackets are made safe before recycling and disposal.
 - Please take care not to bump or jolt the cabinet. It has delicate pipework inside which is easily fractured.
 - If the appliance has been delivered other than in an upright position, please allow it to stand for 24 hours before connecting to the power supply.
 - Please dispose of the packaging in accordance with all local recycling regulations.
 - Please ensure that the plastic bag cannot be taken by children.
-

2.2.2 Positioning

- The appliance must be placed on a level floor that is dry and free from dust. The floor must be sufficiently strong to support the weight of the appliance when fully loaded.
- The appliance must not be positioned in a location where its air curtain may be subject to drafts, such as next to a doorway, under a fan or air conditioning duct.
- It should not be located next to a source of heat, nor in direct sunlight.
- The appliance must not be located near to any source of ignition such as cooking apparatus or electrical switchboard. It must not be located in a cellar location or any similar place where refrigerant gas could gather in the event of leakage.
- The four side ventilation grilles must not be covered or obstructed under any circumstances. The appliance must not be modified by the addition of decor panels. The hot air generated to the rear of the appliance must be allowed to escape vertically upwards.
- Do not place any items on top of the appliance. Always ensure that the rear spacers allow the ventilation space to be maintained for the hot air to escape vertically.

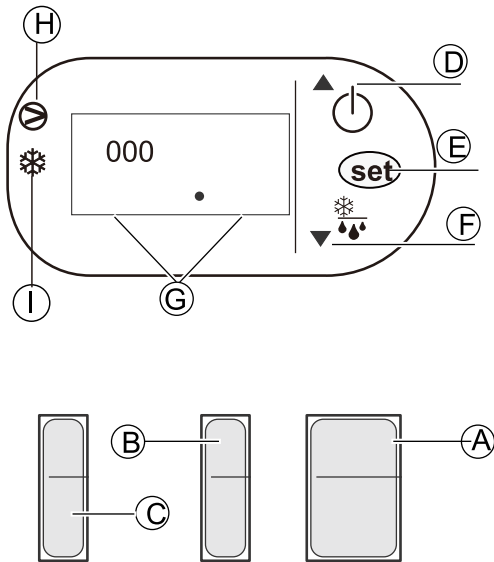
2.2.3. Initial cleaning and set up prior to first use:

Using an appropriate cleansing product and subject to the fluid manufacturer's guidelines, please sanitise the interior surfaces of the appliance. The side glass panels may be cleaned using a commercially available glass cleaning spray.

3. Operation of the appliance

Having observed all of the previous advice and warnings, please prepare to connect the power cord to the mains supply. The appliance must be plugged in directly to the wall socket. Multi-block extension leads are not suitable. The power supply must be suitably rated for the power needs of the appliance model concerned. Please consult the rating plate on the appliance which is to be found behind the front grille. Switch on the power. The appliance is designed to run automatically but further useful information is shown below:

Before using, the machine should be cleaned carefully as it comes into contact with food .



- A Main Power Switch.** Illuminated switch turns the power ON or OFF to the equipment.
- B Glass heater Switch.** Switches the glass defrost ON or OFF.
- C Light Switch.** Switches the lights ON or OFF.
- D Multi-Function Button.** Depending on the mode, this button, turns the power ON or OFF to the controller or increases the temperature.
- E Set Button.** Switches the temperature setting mode ON or OFF.
- F Multi-Function Button.** Depending on the mode this button, activates the defrost function or decreases the temperature.
- G Display.** Displays the current temperature or the temperature being programed.
- H Compressor Cycle Light.** Illuminates steadily when the compressor is running. Flashes when the compressor is in the delay cycle, this lasts for about two minutes and is a normal part.
- I Defrost Light.** Flashes when the equipment is in the defrost mode.

Prepared, Cold Food Display Use

1. Switch the main power switch (A) to the ON position.
2. Switch the light switch (C) to the ON position if desired.

Turn on the Controller

Press and hold the multi-function button (D) for three seconds. When the display shows a temperature, the controller is ON and will refrigerate.

Set the Temperature

1. Press and hold (set) button for two seconds. The controller is now switched ON. The display flashes the programmed temperature.
2. To adjust the temperature, press the ▲/⏻ to increase the temperature, or press the ▼/❄️ decrease the temperature.
3. Press the (set) , The number display is constant, showing the current temperature. The unit will now operate to the set temperature. Allow the display case to chill for approximately 30 minutes before placing food into the case.
4. The unit will now operate to the set temperature.
5. Allow the display case to chill for approximately 30 minutes before placing food into the case.

Glass Heater (defrost) Function

1. Switch the glass heater switch (B) to the ON position.
2. When glass has defrosted, switch the glass defrost switch to the OFF position.

Case Defrost Function

1. Press and hold the multi-function button ▼ / ❄️ for three seconds. The defrost cycle will begin and the defrost light (D) will flash. The defrost cycle takes approximately two hours.
2. To manually stop, press and hold the multi-function button ▼ / ❄️ for three seconds. The defrost cycle will end.

The factory default value of set temp. is 2°C/ 35.6 °F

3.8 Night blind

The appliance is fitted with an energy saving night blind. At the close of trading it is highly recommended to close the blind to save energy and reduce the running time of the refrigeration.

To access the night blind, hinge forward the upper grille and locate the pull handle.

Carefully unfurl the blind and attach to the fastening hook at the bottom of the appliance.

4. Maintenance

It is essential to maintain this appliance.

4.1 Cleaning and sanitisation

Please regularly clean and sanitise the interior and exterior surfaces of the appliance using a disposable paper towel. Please clean the glass inside and out using a commercially available glass cleaner. Always follow and respect the instructions given by the manufacturer of the fluids used. Do not use cream cleansers because they may damage the paint finish. Do not use steam, power washers, jetting water, or any form of water inundation. If necessary vacuum out the interior to remove any debris such as paper packaging or other foreign objects. Do not probe any openings or covers.

NOTE: The cabinet must not be cleaned while the fans are running. To disable the fans, disconnect the cabinet from the electricity supply.

WARNING Wear protective gloves and work cautiously to avoid cut injuries.

5. Service and Spare parts

In the event of a malfunction, please disconnect from the mains power supply and contact the dealer from whom you purchased the appliance. Please have the model number and serial number to hand. The appliance must only be repaired by an appropriately qualified and skilled professional in possession of all the required licences required for work on a refrigerating appliance with R290 hydrocarbon refrigerant.

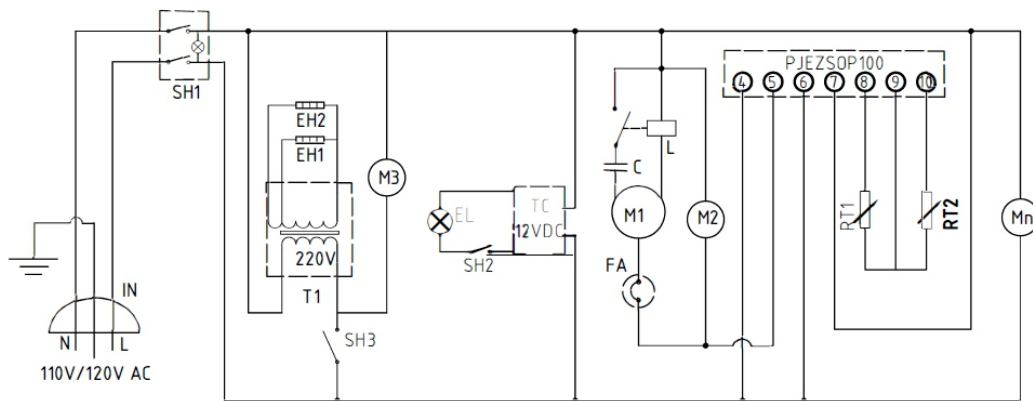
6. Disposal of Equipment at End-of-Life

At the end of its service life, the appliance must be recycled by a professional organisation in accordance with all local laws and regulations. The appliance contains flammable gas within its sealed system and also within the insulation foam.

7. Technical Specifications

| | |
|-------------------|-------------------|
| MODELS | 18mcka730VN |
| Parameter | 120V~60HZ |
| Capacity (L) | 230L |
| Working Temp.(°C) | 1~7°C/33.8~44.6°F |
| Gas | R290 |
| Weight (Kg) | 130KG |
| Climate Class | N |
| LED(W) | 80W |
| Dimensions(cm) | 90X70X135 |

8. Working principle diagram



SH1 POWER SWITCH
SH2 SWITCH OF LIGHT
SH3 SWITCH OF HEATING
WIRE PJEZSOP000
THERMOSTAT TC AC/DC
TRANSFORMER

EL LIGHT
FA OVERLOAD PROTECTOR
M1 COMPRESSOR
M2 CONDENSER MOTOR
FAN Mn EVAPORATOR
MOTOR FAN

RT1 SENSOR OF CABINET TEMP.
RT2 SENSOR FOR DEFROSTING
T1 TRANSFORMER OF HEATING
WIRE EH1 HEATING WIRE OF
DOOR
EH2 HEATING WIRE OF GLASS

9. Structure diagram

1. Bottom glass shelves
2. Shelf bracket
3. Glass shelf
4. Front glass
5. Bottom decoration set
6. Condenser
7. Condenser fan motor
8. Dry filter
9. Heater
10. Compressor
11. Bottom struture unit
12. Left side glass
13. Evaporator fan motor
14. Carbinet struture unit
15. Right side glass
16. LED light
17. Top glass
18. SS Cotrol panel
19. Controller
20. Light switch
21. Defrosting switch
22. Main power switch
23. Heat dissipation grid



Distributed by masterchefpr.com



☎ 787788-2264 787788-2269 787275-1643

☎ 787308-2132

Royal industrial Park 500 carr 869
suite 1003 Catano, PR 00966

✉ ventas@masterchefpr.com