

COLD ROOM USER MANUAL (Page 2-17)

Cold Room Model Codes (Page 18)

This detailed user manual contains important information for the effective and safe use of cold room panels and cooling groups. In case of any problems, expert technical assistance should be sought.

1. Panel Installation

1.1.Safety;

Users should read the information provided in this user manual very carefully. In addition, the safety warnings given below must be followed to the letter.
It is very important to take the following precautions.
Keep the cold room clean and tidy.
Never remove the warning labels and stickers placed by the manufacturer.
Do not disable or change the security systems.
Do not touch the product with wet and damp hands or feet.
Do not touch the product with bare feet.
Never insert a screwdriver or similar tool under the protective covers or between the rotating parts.
Never pull the cable to unplug the power plug.
Before cleaning, moving or performing similar operations in the cold room, always disconnect the cold room from the electricity. First, turn off the power switch of the cold room and then unplug it.

1.2. Location Selection

Location: The area where the cold room will be installed should not receive direct sunlight. If possible, it should be preferred indoors.
Ease of Access: The room must be in a suitable location for material input and output.
Infrastructure: It is important that the electrical installation is ready before installation.

1.3. Locations Not Suiatable For Use;

Cold rooms should not be used in the following areas.
In environments where there is explosive gas or no clean air and also in places where the air contains high levels of oil or dust,
In places where there is a risk of fire,
In places subject to bad weather conditions,
In electrical sources where adapters, inserts and several plugs are connected.

1.4. Ground Preparation

Ground Flatness: The ground must be flat for the panel to be placed properly. Uneven ground may cause deformation of the panel.
Load Carrying Capacity: The ground must be capable of carrying the total weight of the cold room.

1.5. Ventilation

Natural Ventilation: Appropriate ventilation systems should be installed to ensure air circulation in the room.
Cooling Systems: Cooling devices should be placed effectively to maintain the temperature balance of the room.

2.Panel Installation Stage

Using the Right Equipment: Choosing the right tools and equipment required for installation.
Placing the Panels: Make sure that the panels are properly placed and aligned.
Connection Points: Carefully checking the connection points between the panels for leaks and security.

3. Usage

3.1. Door and Entry-Exit Management

Door Usage: Doors should only be opened when necessary. Avoid leaving them open for long periods of time.
Door and Panel Insulation: The insulation properties of the door and panels should be checked and supported with insulation materials if necessary. It should be ensured that the panels are securely locked together in accordance with the installation diagram (see page 5) during installation.

3.2. Loading and Unloading

Balanced Loading: During the loading process, no part of the room should be overloaded.
Material Order: Materials that will be consumed quickly should be at the front, and those that will be stored for a long time should be at the back.

4. Maintenance

4.1. Cleaning

Regular Cleaning: The room should be cleaned at least once a week; this is important for hygiene.
Right Cleaning Materials: The use of chemical substances should be kept to a minimum, natural cleaning products should be preferred.

4.2. Insulation Control

Wall and Ceiling Control: The insulation status of the panels should be checked regularly, and any leaks or damage should be repaired.

5. Safety

Personal Protective Equipment: Use of necessary personal protective equipment (gloves, glasses, etc.) during installation.
Occupational Safety: Comply with occupational health and safety rules.

WARNING:

Damage to the product during loading and unloading is not covered by the warranty. In this case, the repair of the product or replacement of the damaged part is the responsibility of the customer.

Troubleshooting

Problem	Possible Cause	Solution
Air leakage in the cold room.	Loss of cold air inside the room and entry of warm air from outside.	Check the connections between panels.
		Make sure that the skirting boards are installed correctly and properly.
	Condensation and sweating occur inside and outside the cold room.	Check the connections between panels.
		Make sure the skirting boards are installed correctly and properly.
	Light leaking into the room through the door frame.	Make sure that the skirting boards are installed correctly and properly.
		When the door hinges are not adjusted, the door group must be replaced by an authorized service. Please call the service.

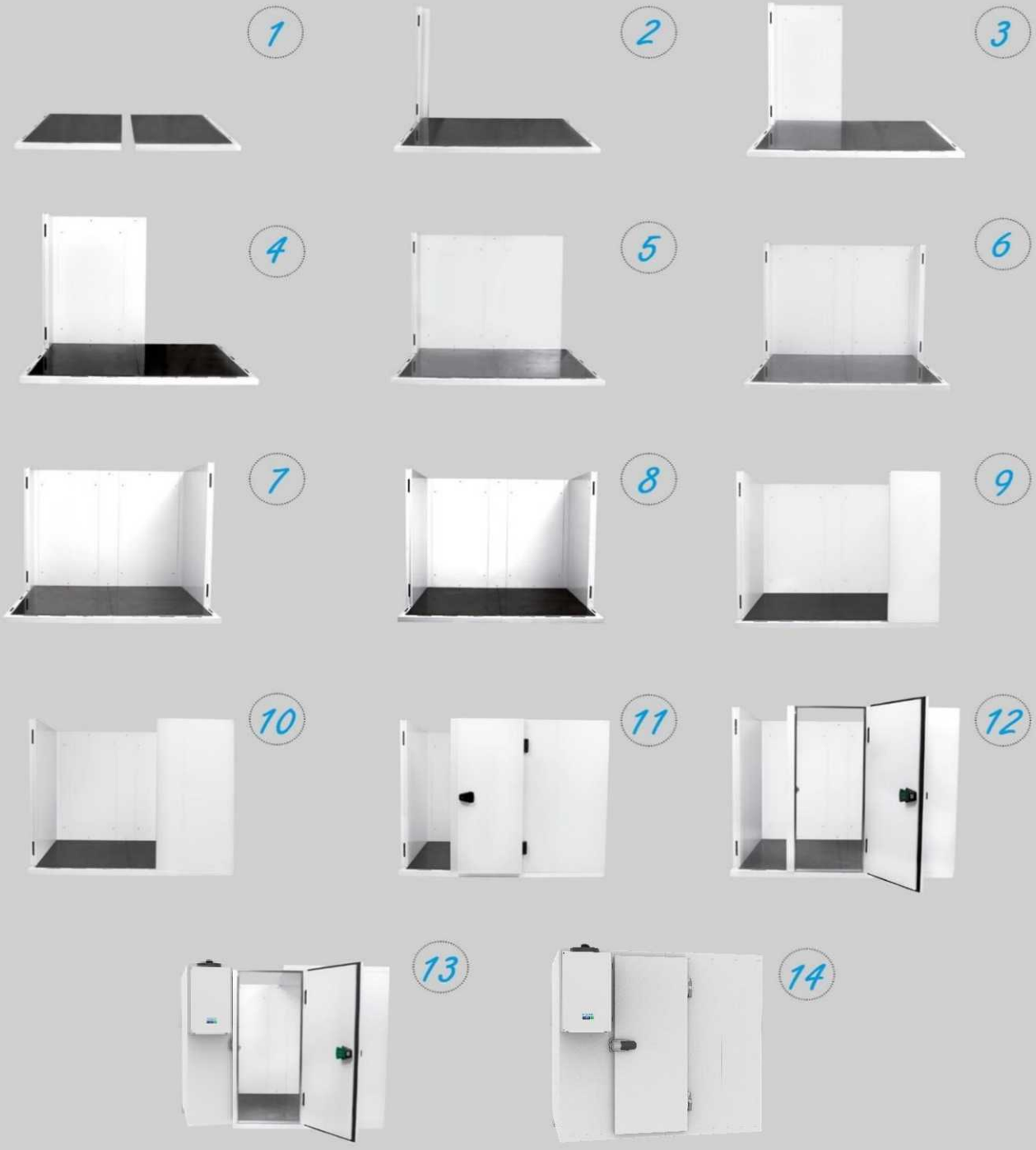
Correct Disposal of This Product (Waste Electrical & Electronic Equipment)



(Applicable in the European Union and other European countries with separate collection system)
This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life.
To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material sources.
This product should not be mixed with other commercial wastes for disposal and shall be returned to a waste collection centre.

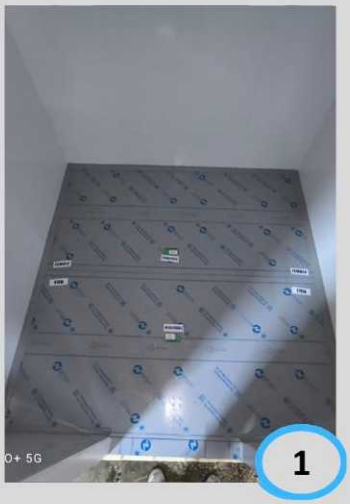
REPAIRS IN ORDER TO GUARANTEE THE EFFICIENCY OF THE APPLIANCE AND ITS CORRECT FUNCTIONING THE MANUFAC-TURER'S INTRUCTIONS MUST BE FOLLOWED AND PERIODIC SERVICING MUST BE CARRIED OUT BY PROFESSIONALYQUALIFIED PERSONNEL. (LEGAL REQUIREMENT FOR THE PREVENTION OF ACCIDIENTS AT WORK AND THEINSTALLATION OF ELECTRICAL AP- PLIANCES) IT IS OBLIGATORY TO BE IN ACCORDANCE WITH POWER SUPPLYREGULATIONS.THE EFFICIENCY IS KEPT BY OBSERVING THE INSTRUCTIONS ABOUT THE FOOD STORAGE DESCRIBED IN PARAGRAPH 4 AND THE ROUTINE MAINTENANCE DESCRIBED IN PARAGRAPH 4.1.

MODULAR COLD ROOMS EASY ASSEMBLY



This detailed user manual contains important information for the effective and safe use of cold room panels and cooling groups. In case of any problems, expert technical assistance should be sought.

COLD ROOM SKIRTING BOARDS EASY ASSEMBLY



1-Clean the cold room and the floor walls.



2-Prepare the skirting boards as shown in the image, along with the cold room.



3-A 60 cm gap should be left between alternative profiles, as shown in the picture.



4-The sub-profiles placed should be fixed with screws as shown in the picture.



5-Skirting boards should be mounted on the fixed profiles as shown in the picture.



6-Top profiles should be mounted on the bottom profiles as shown in the picture.



7-Top profiles should be mounted on the bottom profiles with a hand tool.

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COOLING GROUPS USER MANUAL



This detailed user manual contains important information for the effective and safe use of cold room panels and cooling groups. In case of any problems, expert technical assistance should be sought.

1. GENERAL INFORMATION;

INFORMATION;

The product you have purchased has been designed in our factory, its internal and external parts have been reviewed. It has been adapted to the most suitable climate conditions of your market. In addition, final quality tests regarding operation and appearance have been performed before the product is delivered, and the WARRANTY CERTIFICATE and TEST CERTIFICATE regarding these are included in each product as described in this user manual. For long-term use of this product, please comply with the conditions described in this user manual.

SERVICE CENTERS;

For questions or information regarding usage, maintenance or spare part requests, customers should apply to an authorized service center (under the control of the manufacturer) with product information. All necessary information is shown on the information label located inside the cold room.

DOCUMENTS;

The operating system of cold rooms is manufactured and documented in accordance with European Standards.

WARRANTY;

A new product is under warranty. The product warranty form is included in each product together with this booklet. If this book is not included in the product, you can request it from your dealer by informing them of the product's serial number and date of purchase.

Attention: **Before performing any intervention on the product, the User and Technician must read this user manual carefully.**

If there are sections in the user manual that you do not understand, please contact the seller.

2. EXPLANATIONS AND USAGE OF THE PRODUCT;

EXPLANATIONS ;

Upright type coolers and chilled air groups consist of the following products.

Condenser Unit (Outside the Cold Section)

Evaporator Section (Inside the Cold Section)

Control Panel - Digital Display

Defrost: Electric, hot gas and automatic

Cooling: Air Cooled

3- OPERATION ;

Our coolers operate with the help of air pressure compressors. Cooling is provided by compressing air and alternative movements, by being fed with electric power (single phase or three phase) and by using R404A / R134A or R 290A refrigerant gas.

4. CLEANING

Before cleaning, always switch off the appliance. Unplug it or switch off or remove the fuse in the installation.

Clean the interior, hardware parts and outer walls with warm water and a little detergent. Never use cleaning agents or chemicals containing sand or acid.

Do not use steam cleaners! There is a risk of damage and injury.

-Make sure that cleaning water does not get into the electrical parts and the ventilation grille.

-Dry everything throughly with a cloth.

-The ventilation intake and exhaust grilles should be cleaned regularly with a brush or vacuum cleaner. Dust accumulation increases energy consumption. Make sure that no cables or other parts are broken or damaged.

5.FAULT

You can eliminate the following faults yourself by checking the possible causes.

The appliance does not work, the control lights do not light up:

Check whether the power plug is properly inserted into the socket, whether the socket fuse is intact.

The noise is too loud, make the following check

The appliance stands firmly on the floor

The furniture and objects next to it do not vibrate due to the operating cooler. Remember that current noises in the cold circulation cannot be prevented.

Temperature is not low enough, perform the following checks

-Setting. Has the value been set according to the “Set temperature” section?

-Excessive amount of fresh food has been placed; watch the display 24 hours a day.

-A separate thermometer shows the correct value.

-Is the air flowing out properly?

-Is the installation location too close to a heat source?

If none of the above mentioned reasons apply and you cannot fix the fault yourself, please contact your nearest customer service. Please state the type of the appliance, the order and the appliance number on the type label. The appliance label is located on the upper side wall of the cabinet.

Troubleshooting

Problem	Possible Cause	Solution
The device is not working.	The device's switch may be off.	Check that the unit is plugged in and the switch is on.
	The plug or cable may be damaged.	Replace the plug or cable.
	The fuse that the plug is plugged into may be broken.	Replace the fuse.
	There may be a main power supply failure.	Check the main power supply.
The device is on but the temperature is too high/low.	There may be too much ice on the evaporator and filter.	Defrost the appliance manually.
	The condenser may be clogged with dust.	Please clean the condenser and filter.
	The door may not have been closed properly.	Check that the door closes and that the gaskets are not damaged.
	There may be gaps between the panels or in the installation areas of the cooling group.	Open the panels with the assembly key and assemble them in a way that does not allow air in again and check that the cooling group assembly areas are filled with putty; if not, provide the necessary insulation with putty.
	The ambient temperature may be too high.	Please increase ventilation.
	Unsuitable food items are stored in the appliance.	If there is excessively hot food or blockages in the appliance, remove them.
	The device may have been overloaded.	Reduce the amount of food stored in your appliance.
The appliance is leaking water.	The device may not be installed on a level surface.	Make sure that you have installed the device on a flat surface.
	The drain outlet may be clogged.	Clean the drain outlet.
	The movement of water towards the drain may be blocked.	Check the drain hose of the device, if there is ice, defrost it. If the blockage continues, call the technical service.
	The water tank may be damaged.	Call technical service.
The device is making unusual noises.	There may be a loose nut/screw.	Check and tighten all nuts and screws.
	The device may not be installed in a flat or stable location.	Check the installation position and change if necessary.

WARNING: IF THE POWER CABLE IS DAMAGED, ONLY THE MANUFACTURER'S SERVICE OR A QUALIFIED PERSONNEL MAY REPLACE THIS POWER CABLE. NEVER POWER THE DEVICE THROUGH MORE THAN ONE PLUGS OR SPLICE CONNECTIONS.

This detailed user manual contains important information for the effective and safe use of cold room panels and cooling groups. In case of any problems, expert technical assistance should be sought.



1. Open the cold room panel packaging and assemble the panels sequentially in accordance with the installation diagram provided inside.



2. Carry out the installation procedure in accordance with the type of unit to be installed (Panel-Cooled System).



3. Install the cooling unit base panel supplied within the package in its designated position.



4. Completely remove the polyurethane within the marked circular area on the panel in order to prepare the cooling unit base panel for installation.



5. Inspect the opening and ensure that it is clean and properly prepared for passage, as illustrated.



6. Install the gray plastic fittings supplied with the cooling unit into the internal and external sections.



7. Install the gray plastic fittings supplied with the cooling unit into the internal and external sections.



8. Open the packaging of the cooling unit.



9. Align the cooling unit with the mounting opening on the base panel and position it accordingly.

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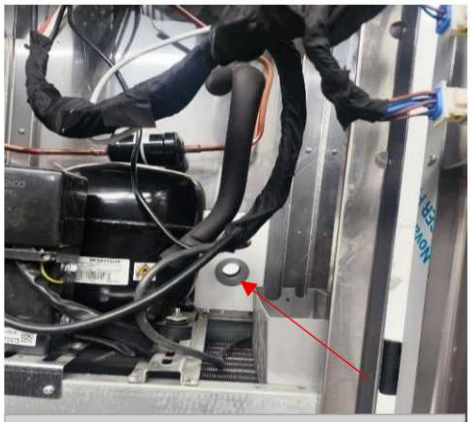
10. Prepare the connection points for assembly as illustrated, then join the panels by locking the connections using the assembly wrench.



11. Black plastic drip components are supplied for installation at the end of the drainage hose provided with the cooling unit.



12. Connect the black plastic strainer by securing it to the end of the gray drainage hose.



13. Carefully route the prepared drainage hose through the discharge opening on the panel, as illustrated.



14. Ensure that the hose is fully routed through the opening and extends to the external discharge pan.



15. Fully insert the hose into the slot on the evaporation pan, as illustrated.



16. Secure the hose firmly to the pan using a plastic cable tie.





17. Insert the drainage heater longitudinally into the drainage hose.

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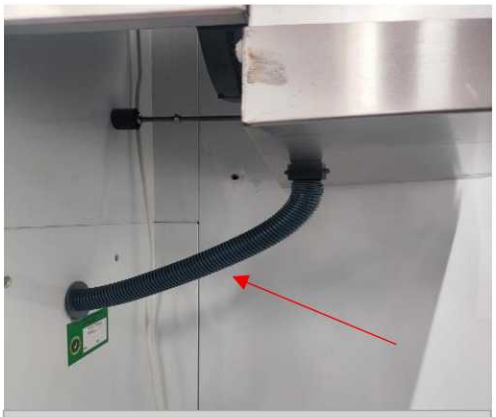

18. When connecting the drainage hose to the evaporator, install it at an inclined angle as shown in the illustration to ensure unobstructed water flow.



19. Remove the glass cover of the pre-installed lighting lamp on the cooling unit and secure it to the room using the mounting lugs.



20. Reinstall the lamp glass by screwing it back into position.



21. Install the switch bracket supplied with the unit onto the switch connection points on the room.



22. Securely tighten the switch connection point using a screwdriver to complete the mounting process.



23. Prepare the top panel, which represents the final stage of the assembly.



24. Complete the room enclosure by installing the top (ceiling) panel.



25. The assembly process has been successfully completed.

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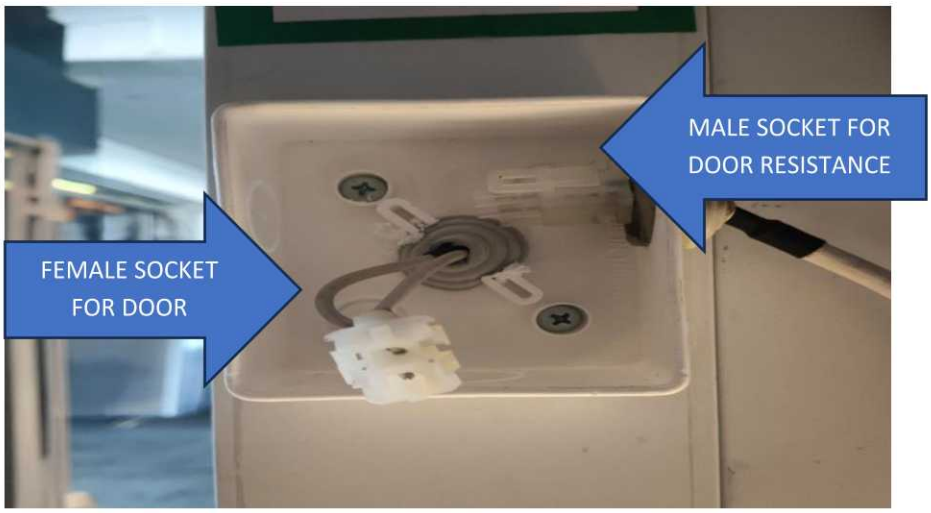
DOOR RESISTANCE SOCKET INSTALLATION IN DEEP FREEZER COLD ROOMS

1- Door Resistance Box Cover Opens;



2- After the Door Resistance Box Cover is Opened;



3- Door Resistance Box Cover Installation Picture ;



Explanation; When the cover in picture 1 is opened, 2 cables will be seen inside. The cables are connected to the female socket in the door frame as in picture 2, and the male socket is connected to the cooling group cable as in picture 3. After the installation is completed, the cover should be reattached as in picture 1.

Note: (Door resistance connections are only available in negative groups.

Dixell Usage and Installation Instructions



1- Dixell (XR60CH) Digital Models

JF003 (PGN3050-UK-R290-NBT) ,JF004 (PGN7610-UK-R290-NBT)
JF005 (PGL3050-UK-R290-NBT) ,JF006 (PGL7610-UK-R290-NBT)

2. GENERAL WARNING

-This manual is part of the product and should be kept as close to the device as possible.
-This device cannot be used outside the features specified below.
-Before starting to use the device, make sure that it meets the operating conditions.

SECURITY PRECAUTIONS

-Before making connections, check that the supply voltage is correct.
-The device should not be exposed to water or moisture. Protect the device from sudden temperature changes under high atmospheric humidity.
-Warning; Do not forget to disconnect all electrical connections before any maintenance.

MAXIMUM AND MINIMUM TEMPERATURE RECORD

To See Minimum Temperature

1. Press and release the ▼ Key.
2. The message “Lo” is displayed first, followed by the recorded minimum temperature.
3. Press the ▼ Key again or wait 5 seconds to return to normal display.

6.2 Displaying Maximum Temperature

1. Press and release the O Key.
2. The message “Hi” is displayed first, followed by the recorded maximum temperature.
3. Press the O Key again or wait 5 seconds to return to normal display.

6.3 Resetting the Recorded Maximum and Temperature Values

1. While the maximum or minimum temperature is displayed, press and hold the SET KEY for more than 3 seconds (the rSt message appears.)
2. The “rSt” message flashes and returns to normal temperature display.

MAIN FUNCTIONS

Displaying the Setting Value

1. Press the SET key: the setting value is displayed.
2. Press the SET button or wait 5 seconds to exit.

Changing the Setting Value



1. Press and hold the SET button for 2 seconds.
2.The set value is displayed and the display unit flashes as ''C'' or ''F''.
3. Adjust the set value with the ▼ or O button.
4. After setting the value, confirm the value by pressing the SET button.

Starting Manual Defrost



❄ When you press and hold the button for 2 seconds, the defrost light starts flashing and defrost starts.

Locking the keys

1. Press and hold the ▲ +▼ keys for 3 seconds.
2.When the keypad is locked, the ''POF'' message is displayed.
3.When a key is pressed for 3 seconds, the ''POF'' message is displayed on the screen again.

Unlocking the keypad

1. Press and hold the ▲ + ▼ keys for 3 seconds. The "PON" message appears on the screen and the key lock is unlocked.

Sensor Connection

The sensor tips should be placed upwards for any safety purpose. It is recommended that the sensors be placed in areas where there is no air flow. Place the defrost termination sensor in the coldest area and the area farthest from the heaters.

ALARM SIGNALS

P1-Room sensor error
P2-Evaporator probe error
P3- Third sensor error
P4- Fourth sensor error
HA- Maximum temperature alarm
LA- Minimum temperature alarm
HA2- Condenser high temperature
LA2- Condenser low temperature
DA- Open door
EA- External alarm
CA- Serious external alarm (i1F=Bal)
CA- Pressure automatic alarm (i1f=PAL)

9.1 Alarm Correction

''P1'',''P2'',''P3'', and''P4'' Sensor errors are activated a few seconds after the error is detected in the relevant sensor;
The alarm signal is cut off a few seconds after the sensors operate normally. It is useful to check the connections before changing the sensor.
''HA'',''LA'',''HA2'', and ''LA2'' Temperature alarms are cut off immediately after the temperature reaches normal values.
''EA'',and ''CA'' Alarms (i1F=Bal)are stopped after the digital input is disconnected. ''CA'' Alarm (i1F=PAL) is stopped by restarting the device.

This detailed user manual contains important information for the effective and safe use of cold room panels and cooling groups. In case of any problems, expert technical assistance should be sought.

EVCO Usage and Installation Instructions;



1- Models Using EVCO Digital

JF003 (PGN3050-UK-R290-NBT) ,JF004 (PGN7610-UK-R290-NBT)
JF005 (PGL3050-UK-R290-NBT) ,JF006 (PGL7610-UK-R290-NBT)

2- General Warning;

When there is no action on the digital thermometer for 30 seconds, the digital thermometer locks itself. When pressed for the first time, you will see the word "Loc" on the screen. To turn it on, press and hold any button for 2 seconds. The word "UnL" will appear and after that, it will be possible to perform operations on the digital.

Activating the keypad (»Loc» text on the screen)

-Press any button for more than 2 seconds. The screen will display «UnL». You can use the keys.

For security reasons, if the keys are not pressed for 30 seconds, the device will automatically switch to key lock.

To perform any action, first remove the key lock

- **Viewing and changing the set value**
- SET Press the key quickly once and release your hand. The set value appears on the screen and the ❄ LED flashes.
- - To change the value, use the ∧ or ∨ keys to move it to the required value within 20 seconds.
- SET Press the button again or wait 20 seconds without pressing any buttons.

Note: The set value can be changed between the values assigned by the r1 and r2 parameters. Please review the manual for detailed information.

3-Defrost

The device defrosts every 8 hours according to factory settings.

Note: This period starts as soon as the device is powered on.

Starting Manual Defrost

- Press the DEFROST button, which is the DEFROST button, and hold it for 3 seconds.

-The defrost cycle will start immediately and the ❄ led will light up. According to the factory setting, this defrost will last 20 minutes.

Note: Manual defrost cycle always resets the defrost counter and the new defrost starts after 8 hours (or after the assigned d0 time). If the defrost values have been changed while the device is being set up for the first time, performing a manual defrost once after the operations will reset the current defrost cycle and allow defrosting according to the newly assigned values.

4- TURNING THE DEVICE ON AND OFF

- ⏻ You can take the device into and out of standby mode by pressing the button for 4 seconds. The ⏻ LED flashes as long as you hold the button, indicating that the operation will be performed. No text appears on the screen, only the red ⏻ LED in the lower right corner lights up.

IMPORTANT WARNINGS

Frenox control panels, with their different features, offer users different functions to prevent the products you keep in the refrigerator from spoiling and to easily understand the problems.

IMPORTANT WARNING: Turning off your product from the control panel only puts it into standby mode. To cut off the power to the control panel, turn off the power button on your product's electrical box or unplug it from the outlet.

5- ALARMS

AL: Low temperature alarm. An icon will appear on the control panel indicating which probe is faulty, such as PR1, PR2 or PR3, contact technical service.

AH: High temperature alarm. When loading your device, be sure to load it as shown in the user manual. After making sure that the door is closed, your device should reach the desired temperature in 60 minutes while empty. Please contact the authorized service.

PR1: Cabin sensor error. Please contact authorized service.

PR2: Evaporator sensor error. Please contact authorized service.

Id: Door switch alarm. If the door remains open for more than 1 minute, the alarm will start. The alarm will go off when you close the door. If the alarm continues, check the door switch connections. If the alarm continues, contact the authorized service.

IA: Power outage alarm. If the power supply to the system is cut off, the alarm will start. Contact the authorized service.

COH: It indicates that the temperature value detected by the condenser sensor has reached the first critical point. Please unplug the device and clean the condenser. You can restart your device after waiting for 30 minutes. If the alarm continues, please contact the authorized service.

CSd: It indicates that the temperature value detected by the condenser sensor has reached the upper limit. In this case, the compressor will be disabled and the electrical supply of the device will be cut off. Please check and clean the condenser. You can restart the device after waiting for 60 minutes. If the "COH" or "CSd" alarm occurs again, contact the authorized service.

WARNING: If the intervention specified as a result of COH and CSd alarms is not performed, compressor failures that may occur will be excluded from the warranty.

dFd: It shows that the device has been defrosting for the maximum time but the desired defrost temperature has not been reached and therefore icing continues. Please manually defrost the device again; To do this, press and hold the defrost button on the display for 4 seconds. If the alarm continues, contact the authorized service.

WARNING: DIGITAL CONTROL PANELS ARE SPECIALLY ADJUSTED IN OUR FACTORY FOR THE PRODUCT TO OPERATE IN THE MOST CORRECT WAY. OUTSIDE CONTROL OUTSIDE INTERNAL HEAT ADJUSTMENT

NEVER CHANGE ANY PARAMETERS OF THE PANEL. OTHERWISE, SERIOUS DECREASES OR PROBLEMS MAY OCCUR IN THE PERFORMANCE OF THE DEVICE.

This detailed user manual contains important information for the effective and safe use of cold room panels and cooling groups. In case of any problems, expert technical assistance should be sought.

Water Proof Usage and Installation Instructions;

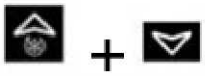


1- Models Using Water Proof Digital

JF003 (PGN3050-UK-R290-NBT) ,JF004 (PGN7610-UK-R290-NBT)
JF005 (PGL3050-UK-R290-NBT) ,JF006 (PGL7610-UK-R290-NBT)

1- General Warning;

1.1- Please Read Before Using This Manual!!
- This manual is part of the product and should be kept near the device for easy and quick reference.
- It should not be used for purposes other than those described below.
- Check the application limits before continuing.

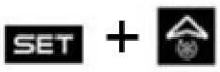


2- Security Precautions;

- Make sure the supply voltage is correct before connecting the device.
- Do not expose to Water or Moisture. Use the controller only within its operating limits and avoid sudden temperature changes in high atmospheric humidity to prevent condensation from forming.

3-Key Combinations;

To lock and unlock the keyboard.
To enter programming mode.
To exit programming mode.



MINIMUM TEMPERATURE

Press and release the key.
The message “Lo” will be displayed after the minimum temperature recorded.
You can return to normal view by pressing the button or waiting for 5 seconds.

MAXIMUM TEMPERATURE

Press and release the key.
After the maximum temperature recorded, the “Hello” message will be displayed.
You can return to normal display by pressing the UP key or waiting for 5 seconds

To reset the stored temperature when the maximum or minimum temperature is displayed:

Press the SET key until the “rSt” label starts flashing. Note: Don’t forget to RESET the recorded temperature after installation.

HOW TO SEE AND CHANGE SET POINT

Press and quickly release the SET key: The display will show the Set point value;
To change the SEt value, press the UP or DOWN arrows within 10 seconds. Press the SET button again to save the value of the new setting point or wait 10 seconds.

TO START THE MANUAL DECODING PROCESS

Manual defrost will start when you press the DEF button for more than 2 seconds.

ON/OFF FUNCTION (STANDBY)

When the ON/OFF button is pressed, the device displays the word “OFF” for 5 seconds and the ON/OFF LED lights up.
In the OFF state, all relays are switched to the OFF position and the regulation is stopped; if a monitoring system is connected, the device does not record its data and alarms.
When the instrument is in standby mode, the keyboard displays “oFF”.**Not**: In OFF mode, the Light and AUX buttons are active.

HOW TO SEE PROBE VALUES

“Pr1” enter the programming menu.
Parameters “dP1”, “dP2”, “dP3” and “dP4” show the value of probes P1, P2, P3 and P4.

KEYBOARD CONTROL

Press and hold the UP and DOWN buttons for 3 seconds. The message “PoF” will be displayed and the keyboard will be locked. At this point it is only possible to display the set point or the stored MAX o Min temperature and to turn the light, auxiliary output and the device ON and OFF.

TO OPEN THE KEYBOARD

Press and hold the UP and DOWN buttons for 3 seconds..

Alarm Signals;

P1-Probe failure
P2- Second probe failure
P3- Third probe failure
P4- Fourth probe failure
HA- High temperature failure
LA- Low temperature failure
HA2- High condenser temperature failure
LA2- Low condenser temperature failure
Da- Door open
Ea- External alarm
CA- Serious external alarm (i1F=Bal)
CA- Pressure switch alarm (i1f=PAL)
Ee- Data or memory failure
noL - Communication failure between keyboard and card
The alarm message is displayed until the alarm condition is corrected.
All alarm messages are displayed alternately with the room temperature, except for the flashing “P1”.
To reset the “EE” alarm and return to normal operation, press any key, the “rSt” message is displayed for approximately 3 seconds.

ALARM RESCUE;

Probe alarms: “P1” (probe1 faulty), “P2”, “P3” and “P4”; automatically stop 10 seconds after the probe starts working normally. Check the connections before replacing the probe.
When the temperature returns to normal values, the “HA”, “LA” “HA2” and “**LA2**” temperature alarms automatically stop. When the digital input is disabled, the alarms “EA” and “CA” (with i1F=bAL) are recovered.
“CA” alarm (with i1F=PAL) is only recovered by power cycling the device.

This detailed user manual contains important information for the effective and safe use of cold room panels and cooling groups. In case of any problems, expert technical assistance should be sought.

SOLUTIONS TO PROBLEMS RELATED TO ICING!!!!

IMPORTANT INFORMATION!!!

MANUAL DEFROST;

Manual defrosting in cold room systems should generally be done depending on the following factors:

The Importance of Defrosting Process;

Productivity: Ice buildup reduces the efficiency of the cooling system. Ice can block the flow of refrigerant, which increases energy consumption.

Product Quality: Ice accumulation can negatively affect the quality of products inside the cold room. Extremely cold or frozen areas can cause products to spoil.



When you press and hold the button for 2-3 seconds, the defrost light starts flashing and manual defrost starts.



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Defrosting Time:

In Negative Cabinets: It takes 30 minutes. Or when the temperature reaches 18°C, the defrosting process takes place.

In Positive Cabinets: It takes 30 minutes. Or when the temperature reaches 12°C, the defrosting process takes place.

Manual Defrost Frequency:

NOTE: Manual Defrosting should be done before the morning service operation starts or after the evening service operation ends!

1. Frequency of Use: If the cold room is opened and closed frequently (for example, if materials are moved in and out), the defrosting process should be done more frequently.

2. Humidity Amount: If there is high humidity in the environment, evaporation will increase, which means more ice accumulation.

3. Room temperature: The ideal operating temperature of the cold room is generally around 0°C in normal cabinets and -18°C in deep freezers. As the temperature starts to rise, ice accumulation increases. Therefore, the room temperature should be checked regularly.

4. Ice Accumulation: A layer of ice exceeding 5 mm indicates that defrosting is necessary. Ice accumulation should be checked quickly and defrosting should be done immediately if necessary.

WARNING: If the ice is not defrosting despite performing the Manual Defrost process 2-3 times, follow the instructions below.

Turn off the appliances: Remove all products in the cold room to a safe place. The cooling system should be turned off.

De-Icer Use: You can use hot water or de-icer to help melt the ice. Once you are sure the ice is melted, rinse the water away.

Cleaning: After defrosting, it is important to clean the inside of the cold room. This is necessary for hygiene and product quality.

Restart the System: After the defrosting process is completed, you can restart the refrigeration system and check the room temperature. In general, manual defrosting should be done monthly or more frequently according to the amount of ice accumulation. Regular maintenance and inspection are important for the efficient operation of the cold room.

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COLD ROOMS AND REFRIGERATION UNITS - ALL MODELS



This detailed user manual contains important information for the effective and safe use of cold room panels and cooling groups. In case of any problems, expert technical assistance should be sought.

80 mm Room Panel Room Models

JF001 (CR1515220-RZ-NBT)
JF002 (CR2121220-RZ-NBT)

Colling Unit Models / Panel Cooling System

JF003 (PGN3050-UK-R290-NBT)
JF004 (PGN7610-UK-R290-NBT)
JF005 (PGL3050-UK-R290-NBT)
JF006 (PGL7610-UK-R290-NBT)

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