



Cirrus Refrigeration Range

Upright Fridges and Freezers

Under-Counter Fridges

Installation and Operating Instructions

IPSM7	Cirrus Upright Fridge 700 Litre Capacity
IPSM14	Cirrus Upright Fridge 1400 Litre Capacity
IPSB7	Cirrus Upright Freezer 700 Litre Capacity
IPSB14	Cirrus Upright Freezer 1400 Litre Capacity
IPTSM2	Cirrus Under-Counter Fridge 275 Litre Capacity
IPTSM3	Cirrus Under-Counter Fridge 428 Litre Capacity

Please make a note of your product details for future use:

Date of Purchase: _____

Model Number: _____

Serial Number: _____

Dealer: _____

lincat.co.uk

Table of Contents

Important Information	3
Warnings and Precautions	4
Introduction	4
Product Description	4
General Safety Regulations	5
Customer's Responsibilities	6
Customer Service Requests	6
Ordering of Spare Parts	6
Product Configuration	6
Materials and Refrigerants	7
Warning Labels	7
Technical Data	9
Model Information	10
Installation and Commissioning	11
Transportation and Handling	11
Positioning	11
Electrical Installation	12
Set up Operations	12
Re-Installation	13
Scrapping and Disposal	13
Operation	14
Controller	14
Setpoint Adjustment	15
Display	15
Manual Defrost	16
Alarms and Errors	16
Maintenance and Repair	18
Routine Maintenance	18
Cleaning the Interior and Exterior of the Appliance	18
Condenser Cleaning	18
Troubleshooting	19
Service Information	20
Guarantee	21

IMPORTANT INFORMATION



Read these instructions carefully before using this product, paying particular attention to all sections that carry warning symbols, caution symbols and notices. Ensure that you understand and observe these.



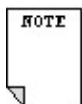
WARNING!

This symbol is used whenever there is a risk of personal injury.



CAUTION!

This symbol is used whenever there is a risk of damaging your Lincat product.



NOTE:

This symbol is used to provide additional information, hints and tips.

KEEP THIS MANUAL FOR FUTURE REFERENCE

Check that the correct appliance has been supplied and that the voltage, marked on the rating plate, is suitable for the supply available.

Warnings and Precautions



If the appliance is used in a manner not specified by the manufacturer, the protection provided by the appliance may be impaired.

INTRODUCTION

This manual provides all instructions required for the correct use of the appliance and to keep it in optimal condition. It also contains important user safety information.

The following professional roles are explained in order to define individual responsibilities:

Installer: a qualified technician who installs the appliance in accordance with these instructions.

User: the person who, after having read this manual carefully, uses the appliance in accordance with the intended specification of use described in this manual. User's responsibilities: ensure that the appliance is kept at suitable temperatures in an ambient environment less than +40°C (104°F); and comply with all the applicable food storage and hygiene regulations. The user is obliged to carefully read the manual and refer to its information at all times. Particular attention must be paid to safety warnings.

Routine maintenance technician: qualified operator able to perform routine maintenance of the appliance by following the instructions in this manual.

Service engineer: qualified technician, authorised by the manufacturer to perform maintenance of the appliance.

The manufacturer declines any responsibility in case of improper use of the appliance deviating from the reasonably construed intended use, and for all operations carried out that are not in compliance with the instructions reported in the manual.

This manual must be stored in an accessible and known place for all operators (installer, user, routine maintenance technician, service engineer).

PRODUCT DESCRIPTION

The appliance comprises a single body with panelling in various materials and insulation with expanded polyurethane foam. The appliance instruments are located on the front panel where the electrical wiring is housed. The condensing unit is housed on the top of the body. The interior parts are fitted with suitable supports for shelves. The doors are fitted with an automatic return device and magnetic door seals. During the design and construction stage all measures have been adopted to implement total safety including radius interior corners, funnel-shaped base panel to direct condensation to exterior, no rough surfaces, and fixed guards protecting moving or potentially dangerous parts.

GENERAL SAFETY REGULATIONS

Read this manual carefully and follow the instructions contained herein.

The user assumes full responsibility in case of operations carried out without observing the instructions in the manual.



Do not use this appliance with flammable gases or flammable solvents.

Do not store flammable gases, flammable liquids or flammable solids in these appliances.

Primary general safety regulations:

- Do not touch the appliance with wet hands;
- Do not insert screwdrivers or other pointed objects between guards or moving parts of the appliance;
- Do not pull the power cord to disconnect the appliance from the electrical mains;
- Make sure that the appliance is not used by unqualified persons;
- Before performing any cleaning or maintenance on the appliance disconnect it from the electrical mains by switching off the main switch and extracting the plug;
- **Never** use any metallic scouring pads, brushes, abrasive cleaners or strong alkaline solutions on any surface;
- The relocation of the appliance must be performed by qualified personnel. Do not shift the appliance from side to side as this may create leakage points across the cooling unit piping;
- In case of faults or malfunctions, switch off the appliance and do not attempt to repair it yourself as doing so may void the warranty. All service and repair operations must be performed exclusively by the manufacturer's authorised service engineer;
- R290 propane refrigerated fridges and freezers must have appropriate ventilation;
- 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: Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.



WARNING: Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.



WARNING: Keep clear of obstruction all ventilation openings in the appliance enclosure or in the structure for building-in.



WARNING: Do not use electrical appliances inside the food/ice storage compartments unless they are of the type recommended by the manufacturer.



Do not use NAKED FLAME to check for refrigerant leak.

Do not under any circumstances try to modify or repair valves, regulators, connectors, controls or any other appliance. Doing so creates the risk of a refrigerant leak.



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.

CUSTOMERS' RESPONSIBILITIES

The customer is required to:

- Arrange the electrical connection of the appliance.
- Prepare the place of installation;
- Provide consumable materials for cleaning
- Perform routine maintenance;
- To maintain the internal temperature for as long as possible, in the case of power failures or malfunctions, do not open the doors. If the problem persists for more than a few hours, move the contents to a more suitable place.

CUSTOMER SERVICE REQUESTS

For all technical problems, and any requests for technical service, refer exclusively to the manufacturer's authorised personnel. (See page 19)

ORDERING OF SPARE PARTS

Orders of spare parts should be made by consulting your dealer. (See page 19)

PRODUCT CONFIGURATION

The appliance is designed solely for commercial product storage.

PRODUCTS MUST BE STORED IN ORDER TO ENSURE EFFICIENT AIR CIRCULATION INSIDE THE APPLIANCE AND MUST NOT EXTEND BEYOND THE EDGES OF THE SHELVES.

All uses outside of manufacturer's intended use shall be construed as "improper use" for which the manufacturer declines all responsibility.

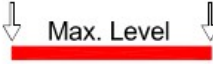
Each shelf has can accommodate a maximum of 45 kg of product.

MATERIALS AND REFRIGERANTS

Any materials that are in contact with products are in compliance with the relevant directives. The appliance is designed and built so that contact parts can be cleaned before each use. The refrigerants utilised comply with established regulations.

WARNING LABELS

Electrical Shock	LABEL A
	Use of this appliance involves power supplies which convert line voltage to low voltage power. Do not modify or use power supplies other than OEM equipment. Connection to the power supply may require a correctly earthed socket outlet. Potential for electrical shock or equipment damage exists if precautions are not followed.
Hot Surfaces	LABEL B
	Avoid contact with the hot surfaces, potential for skin burns.
Cold Surface	LABEL C
	Avoid contact with cold freezer surfaces, potential for cold burns or skin sticking to cold surfaces.
Safety Alert	LABEL D
	Important operating instructions. To reduce the risk of injury or poor performance of the unit read the user manual before putting the appliance into operation.
Warning	
	Indicates an immediately hazardous situation, which if not avoided, will result in death or serious injury.
Caution	
	Indicates an immediately hazardous situation, which if not avoided, may result in minor to moderate injury
Risk of fire	LABEL F
	Risk of fire or explosion. Flammable refrigerant used. Follow handling instructions carefully. To be repaired only by trained service Personnel. Do not puncture Refrigerant Tubing.

DANGER – Risk of Fire or Explosion due to Flammable Refrigerant Used. Follow Handling Instructions Carefully in Compliance with National Regulation. DANGER – Risque d’incendie ou d’explosion dû à l’utilisation d’un fluide frigorigène. Suivez attentivement les instructions de manutention conformément aux règlements nationaux. <i>Packaging Markings</i>	Packaging markings (Label attached upon the carton box)
DANGER – Risk Of Fire Or Explosion. Flammable Refrigerant Used. To Be Repaired Only By Trained Service Personnel. Do Not Puncture Refrigerant Tubing. DANGER – Risque d’incendie ou d’explosion. Fluide frigorigène utilisé. Doit uniquement être réparé par un technicien de service formé. Ne pas perforer la conduite de fluide frigorigène <i>Service markings 1</i>	Service markings. (Label is located near the cooling unit compartment)
DANGER – Risk Of Fire Or Explosion. Flammable Refrigerant Used. Consult Repair Manual/Owner’s Guide Before Attempting To Service This Product. All Safety Precautions Must Be Followed. DANGER — Risque d’incendie ou d’explosion. Fluide frigorigène utilisé. Consulter le guide du propriétaire ou le manuel de réparations avant d’essayer d’installer ou de réparer ce produit. Toutes les précautions de sécurité doivent être suivies. <i>Service markings 2</i>	Service markings. (Label is located near the cooling unit compartment)
WARNING – Risk Of Fire Or Explosion. Dispose Of Properly In Accordance With Federal Or Local Regulations. Flammable Refrigerant Used. AVERTISSEMENT – Risque d’incendie ou d’explosion. Mettre au rebut conformément aux règlements fédéraux ou locaux. Fluide frigorigène utilisé. <i>Disposal</i>	Disposal (Marking attached upon the exterior of the appliance)
 Max. Level	Max high load

Technical Data

Upright Cabinet Freezers

Adjustable temperature control range: lowest T = -25°C (-13°F), highest T = -10 °C (14°F)

Operating temperature: -22°C to -20°C (-7.6°F to -4°F)

Factory pre-set to: -20°C (-4°F)

Voltage/Hz/Phase: 230V / 50Hz / single phase

Models: *IPSB7, IPSB14*

Upright Cabinet Fridges

Adjustable temperature control range: lowest T = -2 °C (28°F), highest T = 8 °C (46°F)

Operating temperature: 0°C to 2°C (32°F to 36°F)

Factory pre-set to: 2°C (36°F)

Voltage/Hz/Phase: 230V / 50Hz / single phase

Models: *IPSM7, IPSM14*

Under Counter Fridges

Adjustable temperature control range: lowest T = -2 °C (28°F), highest T = 8 °C (46°F)

Operating temperature: 0°C to 2°C (32°F to 36°F)

Factory pre-set to: 2°C (36°F)

Voltage/Hz/Phase: 230V / 50Hz / single phase

Models: *IPTSM2, IPTSM3*

Environmental Operating Conditions

Nominal environmental operating condition: **Climatic class 5** (43°C, HR%=40%)

Ambient temperature operating range: **10°C to 40°C; (50°F to 104°F)**

Humidity: **60% maximum, non-condensing**

Electrical supply: **230V/50Hz**

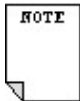
Altitude: **Maximum 2000 meters above mean sea level**

Usage: **This appliance is intended for indoor use only**

Emission sound pressure level: **Less than or equal to 70 dB(A)**

MODEL INFORMATION:

Model	W [cm]	D [cm]	H [cm]	Capacity [L Gross]	Power [W]	Shelves	Refrigerant
IPSM7	68	80	209	700	300	3	R290
IPSM14	133	80	209	1400	400	6	R290
IPSB7	68	80	209	700	400	3	R290
IPSB14	133	80	209	1400	500	6	R290
IPTSM2	131.5	70	86.7	275	300	2	R290
IPTSM3	178	70	86.7	428	300	2	R290



Note: All relevant data referring to these appliances can be found on the rating plate located at the rear of the cabinet. Here is an example of the rating plate:



Model: **IPTSM3**
 Serial number: **26POP 999995**
 Month, Year: **Jul/2026**
 Supply: **230V~ 50 Hz**
 Amperage: **2A**
 Power: **300W**
 Refrigerant: **R290**
 Gas Q.ty: **0.085 kg**
 High side:
 Low side:
 Climatic class: **5**
 Gross/Net Volume: **658 l / 260 l**

*Lincat Limited
 Whisby Road,
 Lincoln, LN6 3QZ,
 United Kingdom*



Made in Italy

CONTAINS ECO FRIENDLY GASES IN A
 HERMETICALLY SEALED SYSTEM

Gas : R290 GWP : 3
 CO2E (TONNES) : 0.000
 CONTAINS FOAM BLOWN WITH ISOCIANATE GAS

ENTHÄLT ECO FREUNDLICHE GASE IN EINEM
 HERMETISCH SEALED SYSTEM

Gas : R290 GWP : 3
 CO2E (TONNES) : 0.000
 ENTHÄLT SCHAUMSCHLÜSSEL MIT ISOCYANATGAS

26POP 999995

{IPTSM3ä26POPää999995)~

Installation and Commissioning

TRANSPORTATION AND HANDLING



The appliance must be transported and handled exclusively in an upright position, in observance of the instructions printed on the packing.

This precaution is required to avoid contamination of the refrigerant circuit with compressor lubricating oil, as such contamination may lead to valve and heat exchanger coil failures, electric motor starting problems, and an increased risk of refrigerant leaks.

The manufacturer is not responsible for any problems due to transportation that does not comply with these instructions.

The appliance should be secured to a wooden pallet base, wrapped in a plastic film and packaged into a triple-wall corrugated carton box.

The appliance must be handled using a forklift truck or a pallet truck with suitable forks.

POSITIONING

Incorrect positioning can cause damage to the appliance and generate hazardous conditions for personnel. The installer must therefore observe the following general regulations:

- Make sure you maintain a minimum of 30 cm (11,8") clearance from the walls and 80 cm (31,5") from the ceiling. The room must be well ventilated;
- Keep well away from sources of heat. Avoid direct sunlight;
- Remove packing material;
- Remove accessories from inside the unit;
- Removing the carton box or wooden base:
 - Using a hammer, tilt the appliance slightly to one side.
 - Loosen and remove the two thread-forming screws.
 - Hold the base firmly in place and pull the appliance from the rear until all four castors are free from their retaining holes.
 - Slightly tilt the appliance backward.
 - Remove the base by pulling it out from the front of the appliance.
 - **Caution:** Ensure the appliance is properly supported during the procedure to prevent tipping or damage.
 - **Use gloves when handling the carton box or the wooden base to protect the hands from splinters;**
- Position the appliance with the help of a level. Remove the protective film from the external surfaces of the unit;
- Position the shelf runners in the holes in the uprights. Insert the shelves in the runners.



Note: the shelves included are n.03 of GN2/1 per door.
Each shelf has can accommodate a maximum of 45 kg of product.

ELECTRICAL INSTALLATION

Appliance installation and electrical wiring operations must be performed by a qualified electrician. For safety reasons follow these instructions:

- Check that the electrical installation is suitable for the appliance's rated load;
- If the electrical socket and the plug on the appliance power cord are incompatible, call technical service or your local distributor;
- The power cord set included with the appliance meets the requirements for use in the country of purchase. Use the power cord that is shipped with the appliance. If this appliance is to be used in another country, purchase an AC power cord set that is approved for use in that country.

The power cord must be rated for the appliance and for the voltage and current marked on the appliances' electrical ratings label. The voltage and current rating of the cord should be greater than the voltage and current rating marked on the appliance.



Do not use reductions or multi-way adapters.



The appliance incorporates an earth connection for functional purposes. It must be correctly connected to an efficient earthing system, installed and maintained in compliance with the relevant statutory regulations and electrical safety standards.

The appliance must be positioned so that the plug remains readily accessible (Fig.1)

Fig.1



If the SUPPLY CORD is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons to avoid a hazard.

SET UP OPERATIONS

To avoid errors and accidents, perform a series of checks for possible damage sustained during transport, installation and hook-up operations before starting up the appliance.

PRELIMINARY CHECKS

- Check the condition of the power cord (no cuts, damage or chaffing);
- Check that the door hinges and shelf support are secure;
- Check the door seals and shelves are not damaged (broken or scratched), and that the door closes and seals properly;
- Make sure that all copper tubing unions are in perfect condition and that there are no signs of refrigerant leaks, mechanical damage, or deterioration.

FOR OPTIMAL PERFORMANCE

- Do not block the motor compartment air vents. Do not lay objects on the top of the appliance. Before storing products, ensure the appliance is cold;
- Arrange the products on suitable shelves or in containers. Do not place products directly on the base or against the walls, doors or fixed guards of the appliance;
- Make sure doors are kept closed;
- Keep the defrost water drain outlet clear;
- Limit the frequency and duration of opening; each time the door is opened the internal temperature will alter;
- Products at ambient temperature should be loaded gradually to ensure proper refrigeration performance.;
- Perform routine maintenance regularly.

RE- INSTALLATION

Observe the following procedure:

- Disconnect the power cord from the electrical outlet;
- Handle the appliance in accordance with the instructions (Page 11);
- Follow the instructions for positioning and hook-ups in the new location (Page 11).

SCRAPPING AND DISPOSAL

These appliances may contain materials, which at the end of the working life of the apparatus, must be disposed of at a recycling centre nominated by your Local Authority or as specified by the law in force. Scrapping and disposal of the appliance must be carried out in full observance of established legislation in your country.

In particular, the appliance may contain the following materials:

- Iron
- Copper
- Aluminium
- Non-biodegradable plastics
- Fibre glass for printed circuits
- Ferrite
- Batteries
- R290 refrigerant
- Electrical and electronic equipment (WEEE)



The manufacturer shall not be liable for any costs associated with the disposal of the appliance at the end of its service life. This appliance should not be disposed of with household waste. At the end of its useful life, please take it to an appropriate collection point for the recycling of electrical and electronic equipment. Contact your local authority for details of your nearest recycling facility.

Operation

Before switching ON the appliance, ensure that all electrical connections have been made correctly and, above all, that the earth connection is present and functioning properly.

The digital controller manages temperature, defrosting and evaporator-fan operation. It shall not be used for any purpose differently from those described herein.

Check the application limits before proceeding.

Safety precautions

- Check the supply voltage is correct before connecting the appliance;
- Do not expose to water or moisture: use the controller only within the operating limits, avoiding the temperature changes with high atmospheric humidity to prevent formation of condensation.



Warning

- Disconnect all the electrical connections before any kind of maintenance;
- In case of failure or faulty operation contact our service department (Page 19);

CONTROLLER



1. : Pressed for about 1 sec turns the instrument ON/OFF (Stand-by). Pressed for 5secs together with the key, allows access to the parameter programming mode. Pressed for 5 secs together with the key allows access to the variable display mode. While in programming mode it is used to return to normal operation.
2. : In normal mode, pressed and released allows to access the direct Set Point selection/change modality. Pressed for 5 secs can be used to start/stop manual defrost cycle (). In programming mode and in variable display mode is used to select the parameters and to increase the value to be set. In programming mode can be used together with key to change parameters level. When the keyboard is locked, the keys and used together (hold pressed for 5 secs), unlock the keyboard.

3. : In normal mode, pressed and released allows to access the direct Set Point selection/change modality. Pressed for 5 secs can be used to start/stop a control cycle with “turbo” modality (). In programming mode and in variable display mode is used to select the parameters and to increase the value to be set.
4. : Pressed for 5 secs together with the  key, allows access to the parameter programming mode. Programming mode is used to enter parameters edit mode and confirm the entered values. In programming mode can be used together with the  key to change the programming level of the parameters. Pressed together with the  key for 5 secs allows the keyboard to unlock.
5. **LED dp/Stand-by**: During the normal operation is the decimal point, when the instrument is placed in Stand-by mode, this is the only lighted LED. In programming mode, while the parameter code is displayed, the dot indicates the parameter protection level: not protected (lighted), protected (flashing) and hidden (turned off).
6. **LED** : Indicates the output status (compressor or temperature control device) when the instrument is programmed for cooling operation; **ON** (lighted), **OFF** (turned off) or **inhibited** (flashing).
7. **LED** : Indicates the output status (compressor or temperature control device) when the instrument is programmed for heating operation; **ON** (lighted), **OFF** (turned off) or **inhibited** (flashing).
8. **LED** : Indicates the alarm status: **ON** (lighted), **OFF** (turned off) or **silenced or stored** (flashing).
9. **LED** : Indicates that the defrost is in progress (lighted) or drainage time in progress (flashing).
10. **LED** : Indicates fan output status **ON** (lighted), **OFF** (turned off) or **inhibited** (flashing).

SETPOINT ADJUSTMENT

The controller comes preprogrammed from factory. If the temperature setpoint needs to be adjusted press and release the  or  keys, the controller displays the active setpoint, using the  and  keys it is possible to change the SP value to the desired one. Once the desired value has been selected, press the  key or wait 10 secs after which the instrument makes the new set point value active and the display returns to the normal operating mode.

DISPLAY

The display normally shows the temperature read by the air probe, but it is possible to

display all the measurement and operating variables by simultaneously pressing the  and  keys for 5 secs. The display will alternately show the code that identifies the first displayable variable and its value.

With the / keys, view all the variables:

- **Pr1**: Air probe temperature measurement;
- **Pr2**: Evaporator probe temperature measurement;
- **Pr3**: Condenser probe temperature measurement;
- **Lt1**: Minimum stored temperature read by Pr1 probe;
- **Ht1**: Maximum stored temperature read by Pr1 probe;
- **Lt2**: Minimum stored temperature read by Pr2 probe;
- **Ht2**: Maximum stored temperature read by Pr2 probe;

Peak values Lt and Ht are not saved when power failure occurs; a peak can be reset by pressing the  button for 3 secs while viewing that peak. After 3 secs, the display shows “---” for an instant to indicate that the displayed peak has been erased and assumes the temperature measured at that moment as the new peak. To reset the other peak, repeat the procedure while the system is displaying its value.

To exit the variable display mode, press no keys for about 10 secs or press the  key.

MANUAL DEFROST

To start a manual defrost cycle, press the key  when in normal operation mode and keep it pressed for about 5 secs after which, if the conditions are correct, the LED  lights up and the instrument performs a defrost cycle.

To stop a defrost cycle, press the key  during the defrost and keep it pressed for about 5 secs.

ALARMS AND ERRORS

Any error is indicated by the alarm LED and audible buzzer.  Once the alarm is acknowledged but the alarm condition has not returned to normal, the LED  flashes on the screen.

Error messages

Error	Description	Reason	Action
E1 / -E1 E2 / -E2 E3 / -E3	Air probe error Evaporator probe error Condenser probe error	The probe may be interrupted (E) or in short circuit (-E) or may measure a value outside the range allowed	Check the probe connection with the instrument and check that the probe works correctly
EPr	Internal EEPROM memory error	Internal EEPROM memory error	Press the  key
Err	Fatal memory error	Fatal memory error	Replace the controller

Other alarms

Message	Description	Reason
<i>od</i>	Delay at power-on in progress	The start of the compressor is delayed. When the delay is elapsed, the compressor will start.
<i>Ln</i>	Keyboard locked	Keyboard locked.
<i>Hi</i>	High temperature alarm	The temperature detected by the air probe remained above the high-temperature threshold for longer than the allowed time.
<i>Lo</i>	Low temperature alarm	The temperature detected by the air probe remained below the low-temperature threshold for longer than the allowed time.
<i>AL</i>	Digital input alarm in progress	Digital input active.
<i>oP</i>	Door Open	The door remained open for longer than the allowed time.
<i>dEF</i>	Defrost in progress	Defrost in progress. Wait for the defrost cycle to finish.
<i>PdF</i>	Post-defrosting in progress	Condensate drain time is active.
<i>Eco</i>	Eco Mode in progress (not applicable)	Eco Mode in progress (not applicable).
<i>trb</i>	Turbo Mode in progress (not applicable)	Turbo Mode in progress (not applicable).

Maintenance and Repair

Maintenance and repair must be carried out by qualified personnel authorised by the manufacturer.



The manufacturer declines any responsibility for jobs carried out by unauthorised personnel or the use of non-original spare parts.

ROUTINE MAINTENANCE



Prohibited to remove the guards and safety devices: Do not remove guards or safety devices when performing routine maintenance operation. The manufacturer accepts no liability for any consequences resulting from non-compliance with this regulation.



In case of FIRE:

- If safe to do so, isolate the electricity supply;
- Do not use water to extinguish the fire;
- Use a dry powder or foam extinguisher suitable for flammable gas/liquid fires.

CLEANING THE INTERIOR AND EXTERIOR OF THE APPLIANCE

The appliance is designed for the storage of products, so it is important to keep it clean. The appliance is thoroughly cleaned at the factory before being shipped. We recommend, however, that you clean the interior cabinet before first use of the appliance. **Before attempting any cleaning operation make sure the power cord is disconnected.**

Cleaning appliance: use a soft, clean cloth wet with water and neutral detergent only. **Do not use solvents, bleach or abrasives.**

Rinsing: use a cloth or sponge soaked with fresh clean water. **Do not clean the appliance using a water jet or pressure jet.**

Frequency: once a week.

CONDENSER CLEANING

The condenser is a heat exchanger. If it is dirty or clogged the air cannot circulate freely through it, it cannot discharge heat properly, reducing the performance and efficiency of the refrigeration system.



For those reasons it is important to keep the condenser coil clean, typically monthly.



Always switch off the appliance and disconnect power cord before cleaning, it is dangerous to do it with power ON: fan may start suddenly at any time.

Use an air jet or vacuum with a soft dry brush if necessary and remove any dust or fluff from the heat exchanger fins. After cleaning, start the appliance.



During the cleaning operation wear gloves and safety glasses to protect yourself from any injury.

Troubleshooting

The table shows the most frequent breakdowns, possible causes and relative remedies:

PROBLEM DESCRIPTION	POSSIBLE CAUSE	SOLUTION
The appliance does not come on	The mains switch is "off" There is no electrical supply Other	Mains switch "on" Check plug, socket, electric connection Contact technical assistance
The refrigerator unit does not start	Set temperature is reached Defrosting is in operation Controller fault Other	Set new temperature Wait for end of cycle, switch off and switch back on Contact technical assistance Contact technical assistance
The refrigerator is continuously working but does not reach the set temperature	Room is too hot Condenser is dirty Refrigerant fluid is insufficient Condenser fan has stopped Door not properly closed Evaporator is frosted up Defrost valve is open	Improve ventilation Clean condenser Contact technical assistance Contact technical assistance Check door seals Manual defrosting Contact technical assistance
Refrigerator does not stop at set temperature	Control Panel is broken Temperature probe is broken Door is not airtight	Contact technical assistance Contact technical assistance Close door
Ice blocks on evaporator	Improper use Control Panel is broken	Contact technical assistance Contact technical assistance
Appliance is noisy	Appliance not levelled Contact with external bodies Screws or nuts loose Other	Check that appliance is level. Check that no tube or ventilator fan is in contact with external bodies. Contact technical assistance Contact technical assistance
Safety DC fan does not work	Fan disconnected Stuck fan Fan motor damaged	Contact technical assistance Contact technical assistance Contact technical assistance

Service Information



For help with the installation, maintenance and use of your Lincat appliance, please contact our service department:

UK: (+44) 1522 875520
or
email: service@lincat.co.uk

For non-UK customers, please contact your local Lincat dealer.

All service work, other than routine cleaning, should be carried out by one of our authorised service agents. We cannot accept responsibility for work carried out by other persons.

To ensure your service enquiry is handled as efficiently as possible, please tell us:

- Brief details of the problem
 - Product code
 - Type number
 - Serial number
- } All available on serial plate

Lincat reserves the right to carry out any work under warranty, given reasonable access to the appliance, during normal working hours, Monday to Friday, 08:30 to 17:00.

Manufacturer:

IMC
Whisby Road,
Lincoln, LN6 3QZ,
United Kingdom

Warranty

This appliance has 2-year parts and labour warranty fulfilled by Lincat in mainland UK. The guarantee is in addition to, and does not diminish, your statutory or legal rights.



IN ORDER TO GUARANTEE THE EFFICIENCY OF THE APPLIANCE AND ITS CORRECT FUNCTIONING THE MANUFACTURER'S INSTRUCTIONS MUST BE FOLLOWED AND SERVICING MUST BE CARRIED OUT BY PROFESSIONALLY QUALIFIED PERSONNEL. SERVICING IS RECOMMENDED ANNUALLY.

The warranty does not cover:

- Accidental damage, misuse or use not in accordance with the manufacturer's instructions;
- Consumable items;
- Damage due to incorrect installation, modification, or unauthorised service work.

The manufacturer accepts no liability for indirect, incidental, or consequential damages resulting from the use or misuse of the appliance.

Attendance is based on reasonable access to the appliance to allow the authorised technician to carry out the warranty work.

Service calls to appliances under warranty will be carried out in accordance with the conditions of sale.