



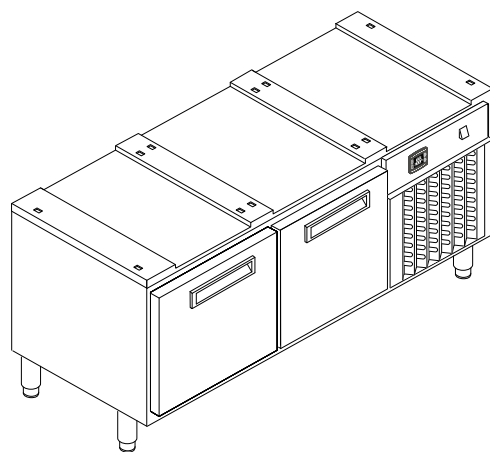
MOD: N22/BR2T12-R2

Production code : 393602

05/2025

Base réfrigérée

N7E / N9E

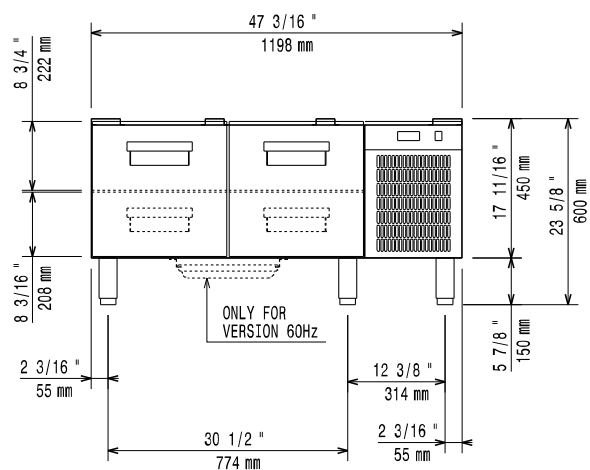
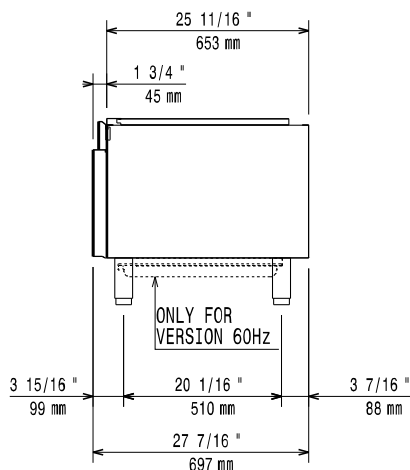


FR Instructions pour l'installation et l'utilisation



59589FF01- 2021.11

Schéma d'installation



MODELS N7E:

+7TTAECOMIN +7TTCPCOMIN
+7TTAECOMIR +7TTCPCOMIR
+7TTCECOMIN +7TTEPCOMIN
+7TTCECOMIR +7TTEPCOMIR
+7TTAPCOMIN +7TTBECOMIN
+7TTAPCOMIR +7TTBECOMIR
+7TTEECOMIN +7TTBPCOMIN
+7TTEECOMIR +7TTBPCOMIR

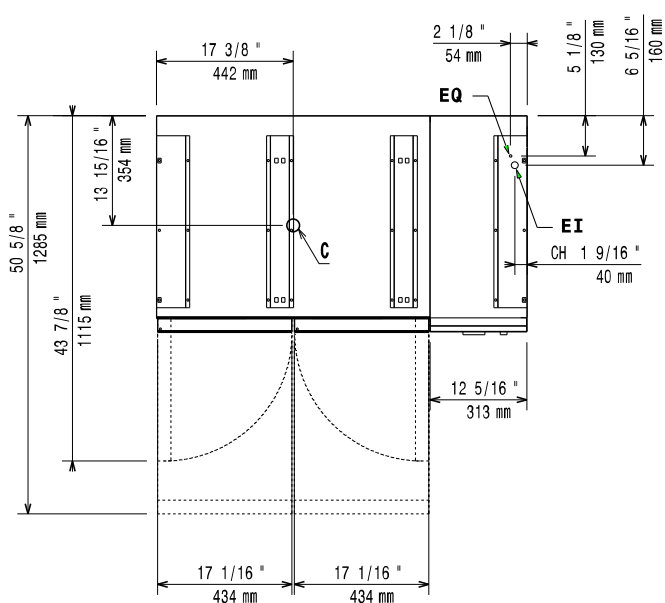
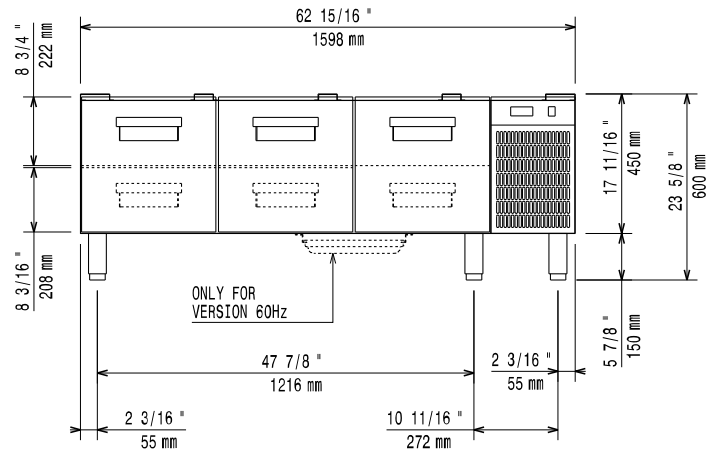
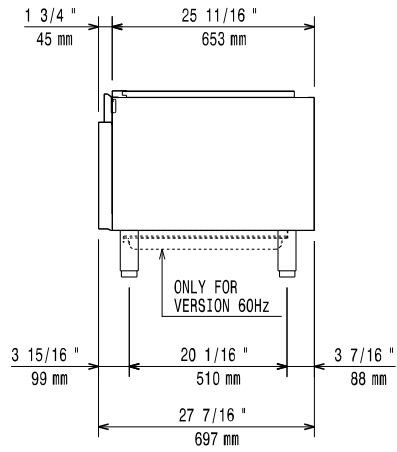


Schéma d'installation



MODELS N7E:

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+7TTBECOMKR
+7TTBPCOMKN
+7TTBPCOMKR
+7TTAECOMKN
+7TTAECOMKR
+7TTCECOMKN
+7TTCECOMKR
+7TTAPCOMKN
+7TTAPCOMKR
+7TTCPCOMKN
+7TTCPCOMKR

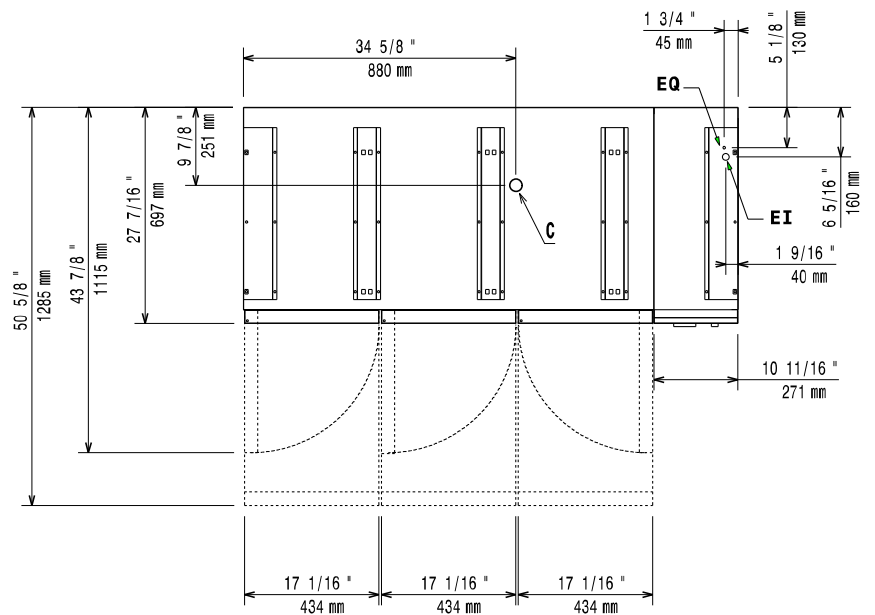
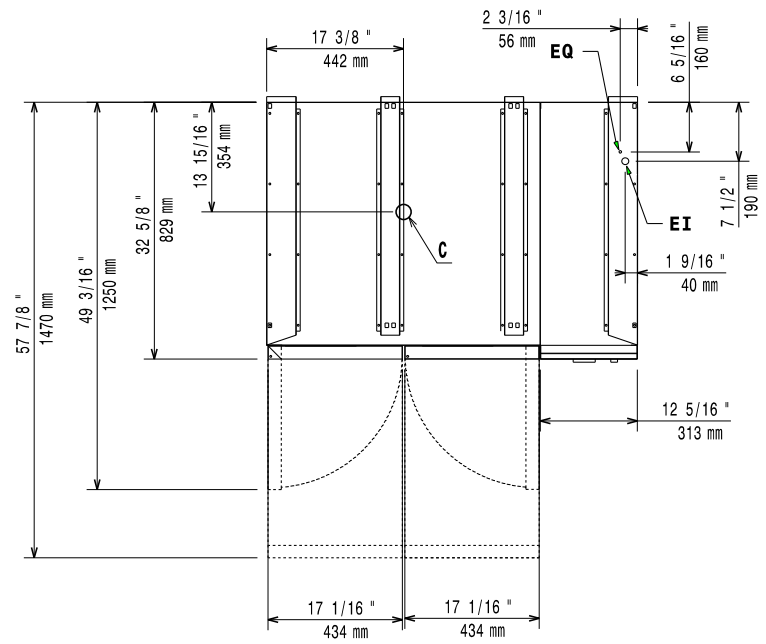
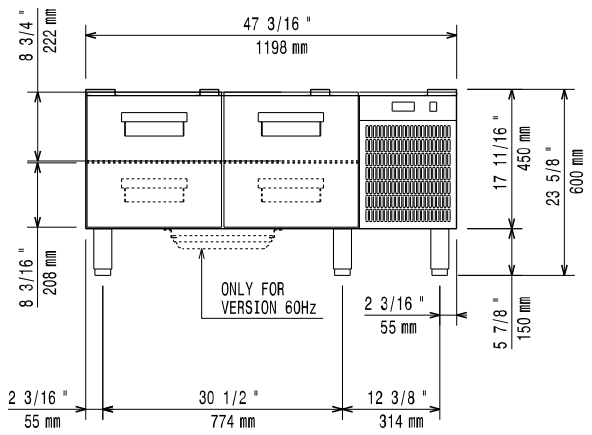
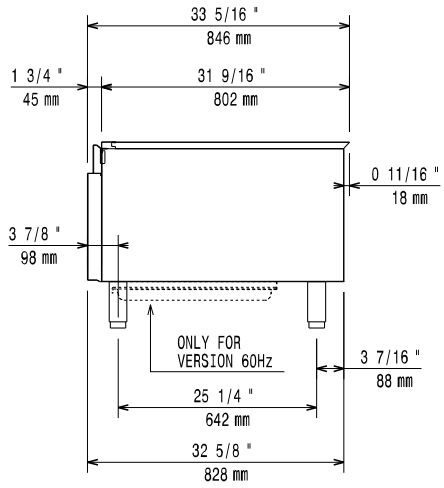


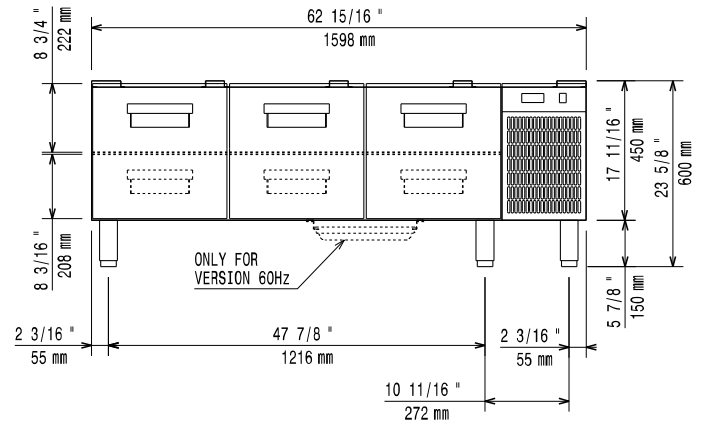
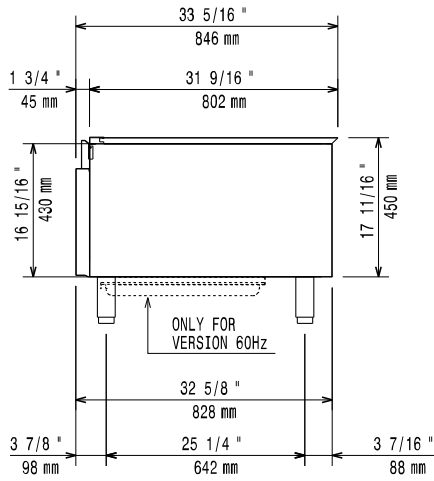
Schéma d'installation



MODELS N9E:

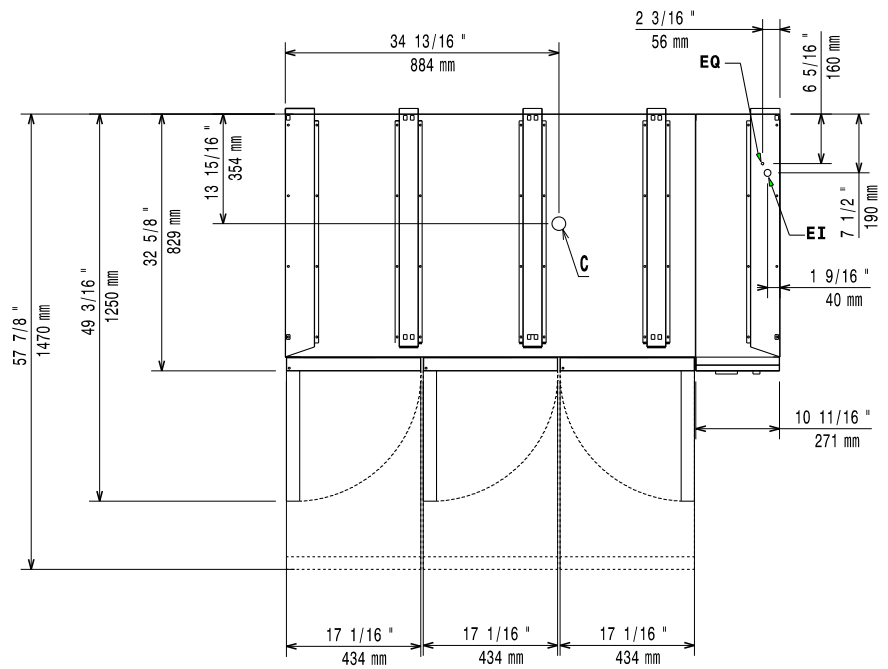
+9TTAECOMIN
+9TTAECOMIR
+9TTAPCOMIN
+9TTAPCOMIR

Schéma d'installation



MODELS N9E:

+9TTAECOMKN
+9TTAECOMKR
+9TTAPCOMKN
+9TTAPCOMKR
+9TTBECOMKN
+9TTBECOMKR
+9TTBPCOMKN
+9TTBPCOMKR



EI – Entrée du câble d'alimentation
EQ – Équipotentiel

C – Vidange des condensats (60 Hz)

Preamble



Read the following instructions, including warranty terms, carefully before installing and using the appliance.

Visit our www.electroluxprofessional.com website and open the Support section to:



Register Product



Receive product tips and tricks and information on maintenance and repair

The Instruction Manual for Installation, Operation and Maintenance (hereinafter referred to as the "Manual") provides the user with useful information on how to use the device correctly and safely.

All of the following should in no way be considered as a long list of binding warnings, but rather as a series of instructions intended to improve, in all respects, the performance of the device and above all to avoid personal injury or property damage resulting from improper use and management procedures.

It is essential that all persons involved in the transportation, installation, commissioning, use, maintenance, repair and disassembly of the device consult and read this Manual carefully before proceeding with the various operations, in order to prevent any erroneous and inappropriate operation that may affect the integrity of the device or the safety of persons. It is recommended to inform the user regularly about the safety instructions. In addition, it is important to instruct and communicate the instructions for the use and maintenance of the device to the personnel authorized to work on the device.

It is also important that the Manual should always be available to the operator and carefully kept at the place of use of the device so that it is immediately at hand for consultation in case of doubt and whenever circumstances so require.

After reading this Manual, if you have any doubts or uncertainties about the use of the device, do not hesitate to contact the Manufacturer or the authorized after-sales service, who will always be available to guarantee a fast and careful service, in order to ensure the best functioning and efficiency of the device. As a reminder, the safety, hygiene and environmental protection standards in force in the country of installation must always be applied during the use of the device. It is therefore the responsibility of the user to ensure that the device is started and used only under the optimal safety conditions for people, animals and property.



IMPORTANT

- The manufacturer is not responsible for any operations performed on the appliance in disregard of the instructions in this Manual.
- The manufacturer reserves the right to change, without notice, the characteristics of the devices presented in this publication.
- Any reproduction, even partial, of this Handbook is prohibited.
- This Handbook is available in digital format. To this end:
 - contact the dealer or customer service;
 - download the latest updated manual from the website;
- The Manual should always be kept next to the device in a place with easy access. Operators and personnel involved in the operation and maintenance of the device must be able to easily find and access it at any time.

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A WARNING AND SAFETY INSTRUCTIONS

A.1 General information

In order to be able to use this device safely and understand the Manual correctly, it is recommended that you have a good knowledge of the terms and typographical conventions used in the documentation. In order to distinguish and be able to easily recognize the different types of hazards, the following symbols are used in this Manual:



WARNING

Danger to the health and safety of operators



WARNING

Risk of electrocution - dangerous voltage.



ATTENTION

Risk of damage to the appliance or product.



WARNING

Fire hazard / flammable materials



IMPORTANT

Instructions or important information about the product



Equipotentiality



Read all instructions carefully before using the appliance



Details and explanations

- Only specialized technicians are authorized to work on the device.
- This device is designed for use in commercial and collective applications, such as restaurant kitchens, canteens, hospitals, or commercial enterprises, such as bakeries, butcher shops, etc., not for continuous mass food production. Any other use is considered improper.
- This appliance is not intended for use by minors or adults with reduced physical, sensory or mental capabilities or without experience or knowledge of its operation.
- Do not allow children to play with the appliance.
- Keep all packaging and detergents out of the reach of children.
- Cleaning and maintenance should never be entrusted to children left unattended.
- For safety reasons, do not store or use gasoline or other flammable materials, liquid or gaseous, next to this or other appliances.
- Do not store explosive substances, such as pressurized containers containing flammable product, in this appliance.

- Refer to the data on the device's nameplate when contacting the manufacturer (e.g., requesting spare parts, etc.).
- At the time of the demolition of the device, the marking must be destroyed.
- Keep this record in a safe place for future reference.

A.2 Personal protective equipment

Summary table of the personal protective equipment (PPE) to be used during the different phases of use of the device.

Phase	Protective clothing 	Work shoes 	Gloves 	Spectacles 	Helmet 
Transport	—	●	○	—	○
Handling	—	●	○	—	—
Unpacking	—	●	○	—	—
Assembly	—	●	● ¹	—	—
Current use	●	●	● ²	—	—
Settings	○	●	—	—	—
Normal cleaning	○	●	● ¹³	○	—
Exceptional cleaning	○	●	● ¹³	○	—
Maintenance	○	●	○	—	—
Disassembly	○	●	○	○	—
Demolition	○	●	○	○	—
Legend:					
●	PPE PROVIDED				
○	PPE AVAILABLE OR TO BE USED IF NECESSARY				
—	PPE NOT PROVIDED				

1. During these operations, wear cut-resistant gloves. Please note that the non-use of personal protective equipment by operators, specialist personnel or users may expose the patient to possible health problems (depending on the model).

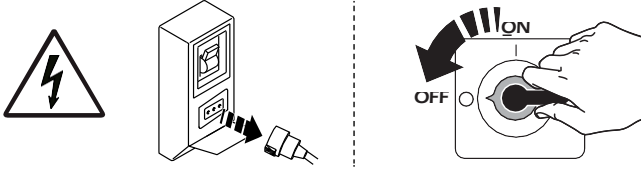
2. During these operations, wear heat-resistant gloves to protect hands from contact with hot food or hot parts of the appliance and/or to remove hot items from the appliance. Please note that the non-use of personal protective equipment by operators, specialist personnel or users may expose the user to a chemical risk and cause possible health problems (depending on the model).

3. During these operations, wear gloves suitable for contact with the chemicals used (refer to the safety data sheet of the substances used for information on the PPE required). Please note that the non-use of personal protective equipment by operators, specialist personnel or users may expose the user to a chemical risk and cause possible health problems (depending on the model).

A.3 General security

- The devices are equipped with electrical and/or mechanical safety devices intended to protect the users and the device.

- It is forbidden to operate the device after removing, handling or damaging the guards and safety devices.
- Do not modify the parts supplied with the appliance in any way.
- Several illustrations in this manual depict the device or parts of it, with either unguarded or with guards removed. This is for the sole purpose of simplifying the explanations. It is strictly forbidden to use the device without protective devices or with disabled devices.



Before any installation, assembly, cleaning or maintenance procedure, turn off the power supply to the appliance.

- It is forbidden to remove, alter or render illegible the markings, labels and safety, hazard and instruction signs present on the device.
- The A-weighted emission sound pressure level does not exceed 70 dB(A).
- Unplug the appliance in the event of a breakdown or malfunction.
- Do not use products (even diluted) containing chlorine (sodium hypochlorite, hydrochloric or muriatic acid, etc.) to clean the appliance or the floor under the appliance.
- Do not spray aerosols near this appliance when it is in operation.
- Install the appliance in a well-ventilated area, to ensure proper air exchange every hour. Check that any ventilation system remains operational and efficient throughout the life of the equipment.
- Do not obstruct the flow of combustion and ventilation air.
- The following operations must be carried out exclusively by authorized specialized personnel or after-sales service technicians who are equipped with all appropriate personal protective equipment (A.2 *Personal Protective Equipment*), tools, materials and aids and who may request a Service Manual from the manufacturer:
 - Installation and assembly
 - Implementation
 - Electrical connection
 - Exceptional cleaning, repair and maintenance of the appliance
 - Disposal of the device
 - Intervention on electrical equipment

A.4 Technical characteristics

Materials and fluids used

- R290 gas is a potentially flammable and explosive gas! It is absolutely necessary to take all necessary precautions to avoid any danger related to the nature of this gas during any ordinary or extraordinary operation carried out on the appliance.

Performances

Equivalent sound pressure level Leq dB(A) ¹	<70
---	-----

1. The noise emission values are in accordance with EN ISO 11204. The value may increase depending on the workplace where it is measured.

Climate class

The climate class described on the nameplate refers to the following values:

- CLIMATE CLASS: 5
 - 43°C (IEC/EN 60335-2-89)
 - 40°C ambient temperature with a relative humidity of 40% (EN 16825).

A.5 Protections installed on the device

Protections

The device is equipped with:

- fixed guards (e.g. housings, covers, side panels, etc.) attached to the device and/or chassis by means of screws or quick couplings, which can be dismantled or opened only with tools; For this reason, the user cannot remove or touch these devices. The manufacturer declines all responsibility in the event of manipulation or non-use of these devices.
- locked mobile protections (door) to access the inside of the device;
- access flaps to the electrical equipment of the appliance, made with hinged panels, which can be opened with tools. It is forbidden to open the door when the appliance is plugged into the mains.

A.6 Safety pictograms to be placed on or near the device

Prohibition	Meaning
	It is forbidden to remove safety devices
	It is forbidden to use water to extinguish fires (at the electrical rooms)
	Ensure that the area around the appliance is clear, and there are no combustible materials nearby. Do not store flammable materials near this appliance
Danger	Meaning
	Caution, hot surface
	Risk of electrocution (at electrical parts with voltage indication)

A.7 Reasonably foreseeable improper use

Any use other than that specified in this manual is considered incorrect. During the operation of the device, work or activities other than those planned are considered incorrect and may result, in general, in risks to the safety of users and damage to the device. The following are considered to be reasonably foreseeable incorrect uses:

- the absence of maintenance, cleaning, and regular checks of the device;
- structural changes or changes in the operating logic;

- handling screens or safety devices;
- non-use of personal protective equipment by operators, specialist staff and maintenance staff;
- failure to use appropriate accessories (e.g., use of unsuitable equipment or ladders);
- storage of combustible or flammable materials, or in any case, materials that are incompatible or unrelated to the work to be carried out, in the vicinity of the appliance;
- Improper installation of the device;
- the introduction into the device of objects or things that are incompatible with use or that may harm the device or people or pollute the environment;
- the use of the device to climb higher;
- failure to follow the instructions for the use for which the device is designed;
- other risky behaviours that the Manufacturer cannot eliminate.



WARNING

The behaviors described above are prohibited!

A.8 Residual risks

The device presents hazards that have not been fully eliminated by the design or installation of appropriate guards. In any case, the operator has been informed of these risks in this manual, which specifies the type of personal protective equipment that must be carried by personnel working on the equipment. To reduce risk, allow enough space to install the unit.

In order to maintain these conditions, the areas around the device should always:

- be unobstructed (absence of ladders, tools, containers, boxes, etc.);
- be clean and dry;
- be perfectly lit.

In order to provide the customer with complete information, the residual risks presented by the device are set out below: these behaviours are considered incorrect and strictly prohibited.

Residual risk	Description of a dangerous situation
Slipping or falling	The operator may slip in the presence of water, liquid or dirt on the floor.
Burning/abrasions (e.g., resistors, cold plate, cooling system lamellae and pipes)	The operator intentionally or unintentionally touches certain internal components of the device without wearing protective gloves.
Electrocution	Contact with energized electrical parts during maintenance operations without first turning off the electrical panel tension
Crushing or injury	It is possible that the specialist personnel did not correctly attach the control console to access the technical compartment. It may then suddenly close.

Residual risk	Description of a dangerous situation
Load Failover	In the event of handling of the appliance or removal of its packaging using unsuitable accessories or lifting systems, or in the presence of an unbalanced load.
Chemical	Contact with chemical substances (e.g., detergent, rinse aid, descaler, etc.) without the use of appropriate safety measures. Always consult the safety data sheets and labels of the products used.
Sudden closing of the oven lid/door/drawer (if applicable, depending on the type of appliance)	The operator in charge of routine use may abruptly and voluntarily close the door/drawers (if applicable, depending on the type of appliance) • lid • door/s • Drawers

A.9 Loading and unloading the product



WARNING

- Cover or wrap food before putting it inside the refrigerator and avoid introducing food that is too hot or liquid in the process of evaporating.
- Do not use mechanical or other utensils to speed up defrosting, other than those recommended by the manufacturer.
- Do not damage the circuit.
- Do not use electrical appliances inside the compartments for storing frozen food inside the appliance unless recommended by the Manufacturer.
- As regards the maximum permissible load on each drawer, observe the indications in the table below:

MAXIMUM LOAD PER SHELF	54 KG
------------------------	-------

A.10 Transport, handling and storage

- For stacking options during transport, handling and storage, see the information on the packaging.
- During the loading and unloading phases, it is forbidden to stand under suspended loads. Access to the work area is prohibited to unauthorized personnel.
- The weight of the device is not enough to keep it still.
- To carry out the lifting of the device, it is forbidden to anchor it to moving or weak parts, such as: casings, electrical pipes, pneumatic parts, etc.
- Never push or pull the device to move it, as it may tip over. Use appropriate tools to lift the appliance.
- For the unloading and storage of the device, prepare a suitable area, with a flat floor.
- Personnel responsible for transporting, handling and storing the device must be trained and trained in the safe use of the systems

and the wearing of personal protective equipment appropriate to the type of operation to be performed.

- When removing the anchorage systems, check that the stability of the parts that make up the device does not depend on the anchorage and that this operation does not cause the vehicle load to fall. Before unloading the components of the device, ensure that all anchorage systems have been removed.

A.11 Installation and assembly

- The operations described must be carried out in accordance with the safety standards in force and the regulations in force in the country of use.
- The plug (if applicable) should be easy to access even after the device has been permanently installed.
- The devices are not intended to be installed outdoors and/or in places exposed to atmospheric agents (rain, direct sunlight, etc.).

A.12 Electrical connection

- The power system must be adapted to the current rating of the connected device; The electrical connection of the appliance must be made in accordance with the standards and regulations in force in the country of use.
- Information about the supply voltage of the device can be found on the nameplate.
- Between the power cable and the power line, provide a magneto-thermal differential switch correctly sized according to the absorption specified on the nameplate, with an opening of the contacts allowing complete disconnection under the conditions of surge category III, in accordance with the standards in force.
- Any deteriorated power cable must be replaced by the after-sales service or by specialized personnel in order to prevent any risk.
- The manufacturer accepts no responsibility for any damage or accidents resulting from failure to comply with the above instructions or the electrical safety standards in force in the country where the appliance is used.
- Check for a safety circuit breaker between the appliance's power cable and the electrical network. The contact opening and maximum dispersion current must comply with the applicable safety regulations.

A.13 Implementation

- Install the appliances with all the safety measures provided for this type of operation, including fire safety instructions.
- Make sure that the area where the appliance is to be installed is not polluted by corrosive substances (chlorine, etc.). If it is not possible to guarantee the absence of corrosion, the entire stainless steel surface should be coated with a layer of protective paraffin, using a cloth soaked in paraffin. The manufacturer accepts no liability for corrosive effects due to external causes.

A.14 Device Footprint Limits

- The devices cannot be recessed. Leave a minimum of 100 mm between the unit and the side walls and 100 mm from the rear wall or enough space to allow for service and maintenance.
- Make sure to maintain a distance of at least 100 mm between the appliance and all combustible walls. Do not store or use flammable materials and liquids near the appliance.

A.15 Remote Group Models

Implementation

- Install the appliance with all the safety precautions provided for this type of operation, including fire safety instructions.
- Choose the remote condensing unit according to the manufacturer's advice. Consult the technical sheet of the equipment.
- If the dimensions of the remote condensing unit are not standard, consult the manufacturer's or authorized dealer/service center data sheet or website for cooling capacity.
- Installation of the appliance and refrigerant condensing unit should be performed only by the manufacturer's competent personnel or by specialized personnel.

A.16 Aircraft maintenance

- Do not touch the appliance with wet or bare hands and/or feet.
- Before cleaning, put the appliance in a safe situation.
- Avoid oil or grease coming into contact with the plastic parts. Do not allow dirt, grease, food, or any other substance to settle on the appliance.
- Comply with the requirements for routine and exceptional maintenance interventions. Failure to follow these warnings may result in risks to personnel.
- Do not spray water or use water jets, pressure washers or steam cleaners.

A.17 Preventive maintenance

To ensure the safety and performance of the equipment, it is recommended that authorized Electrolux Professional technicians be serviced every 12 months in accordance with the Electrolux Professional Service Manuals. For more details, please contact your local Electrolux Professional after-sales service.

A.18 Parts & Accessories

Use only original accessories and/or spare parts. The use of non-genuine accessories and/or parts will invalidate the original manufacturer's warranty in addition to the fact that the device may no longer comply with the safety standard.

A.19 Precautionary measures for use and maintenance

- Risks of an essentially mechanical, thermal and electrical nature are present on the device. These risks have been neutralized where possible:
 - either directly by adopting appropriate solutions;
 - or indirectly by using screens, protections and safety devices.
- Any anomalies are reported on the display on the control panel.
- During the maintenance, certain risks that cannot be eliminated remain; These must be neutralized by adopting specific behaviors and precautions.
- It is forbidden to carry out inspection, cleaning, repair and maintenance operations on moving components. Users should be warned of this ban by clearly visible notices.

- In order to ensure the performance and optimal operation of the device, it is essential to periodically perform maintenance in accordance with the instructions given in this Manual.
- It is advisable to regularly check the proper functioning of the safety devices and the insulation of the electrical cables, which will have to be replaced if necessary.

A.20 Aircraft maintenance

- Inspection and maintenance intervals depend on the actual operating conditions of the device and environmental conditions (presence of dust, humidity, etc.), which is why it is not possible to define very precise intervals. In any case, it is recommended to carry out thorough and regular maintenance of the device to minimize any interruptions to service.
- It is also recommended to stipulate a preventive and scheduled maintenance contract with the after-sales service.
- Before proceeding with maintenance, place the appliance in a safe situation.
- In order to ensure the performance and optimal operation of the device, it is essential to periodically perform maintenance according to the instructions provided in the Manual.

A.21 Disposal of the device

- Before disposing of the appliance, render it unusable by cutting its power cord and destroying any compartment closures to avoid the risk of entrapment inside.

B GUARANTEE

B.1 Warranty conditions and warranty exclusions

If the purchased product is covered by a warranty, that warranty will be in accordance with local regulations, provided that the product is installed and used for the purpose for which it was designed and as described in the appropriate equipment documentation.

The warranty only applies if the customer has used original spare parts and carried out maintenance in accordance with the use and maintenance documentation provided in printed or electronic format by Electrolux Professional.

Electrolux Professional strongly recommends using detergents, rinse aids and descalers approved by Electrolux Professional in order to achieve optimum results and maintain the product at its maximum level of effectiveness over time.

The Electrolux Professional warranty does not cover:

- travel expenses of the technician to deliver or collect the product;
- installation;
- training in use/operation;
- replacement (and/or supply) of wear parts, unless such replacement results from defects in materials or workmanship reported within one (1) week of identification of the failure;
- correction of external wiring;
- correction of unauthorized repairs or damages, failures or malfunctions caused and/or resulting from:
 - insufficient and/or abnormal capacity of electrical systems (current/voltage/frequency, including peaks and/or failures);
 - inadequacy or interruption of the supply of water, steam, air, gases (including impurities and/or other

problems, not in accordance with the technical requirements of each device);

- plumbing parts, components or detergents not approved by the manufacturer;
- negligence, misuse and/or failure by the customer to comply with the operating and maintenance instructions described in the appropriate documentation of the equipment;
- incorrect or insufficient procedures for installation, repair, maintenance (including handling, modification and repair by unauthorized third parties) and modification of security systems;
- Use of non-original components (e.g. wear parts or spare parts);
- ambient conditions causing thermal (e.g. overheating/freezing) or chemical (e.g. corrosion/oxidation) stresses;
- insertion of foreign bodies into the product or association of foreign bodies with the product;
- accidents or force majeure;
- transportation and handling, including scratches, dents, chips, and/or other damage to the finish of the product, unless otherwise specified, if such damage results from defects in materials or workmanship reported within one (1) week of delivery;
- A product whose serial number has been removed, changed, or is no longer easily readable.
- replacement of bulbs, filters and other consumables;
- Accessories and software not approved or specified by Electrolux Professional.

The warranty does not cover any scheduled maintenance activities (including parts required for this purpose), nor the supply of detergents, unless otherwise specified by any local agreement, under local conditions.

For a list of approved after-sales service, please visit the Electrolux Professional website.

C TECHNICAL SPECIFICATIONS

C.1 Machine and manufacturer identification data

Below is the reproduction of the marking or nameplate present on the machine:

Electrolux Professional SpA - Viale Treviso 15 - 33170 PN (Italy)						L
PNC.					N°	
Mod.						
EL		V	~	Hz	A	kW
		IP 24		MADE in ITALY		

PNC.			Mod.		
PROD. N°					
CLIMATIC CLASS – KLIMA KLASS	B	CAP.	C	I	
REFRIGERANTE REFRIGERANT TYPE	D	E	g		
V ~ Hz			kW		
RESISTENZA SBRINAMENTO DEFROSTING RESISTANCE		F	W		
RESISTENZA SCARICO DISCHARGE RESISTANCE	G	W	POTENZA CICLO SBRINAMENTO DEFROSTING POWER INPUT		kW
GAS ISOLAMENTO INSULATION GAS	HCFO1233zd				

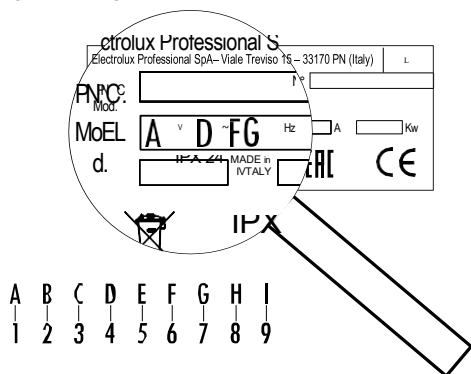
The nameplate contains the identification and technical data of the device. The meaning of the various information is set out below:

Cabin crew	Production Code
Mod.	Product Manufacturing Description
No.	Serial number
V	Supply voltage
~	Number of phases
Hz	Feeding frequency
Kw	Power Consumption
Has	current consumption
IP24	Degree of protection against dust and water
CE	CE Mark
B	Climate class
C	Rated Capacity
D	Type of refrigerant gas
E	Grams of refrigerant
F	Defrost Resistor Power
G	Discharge Resistor Power
L	Year of construction
Electrolux Professional SpA Viale Treviso 15 33170 Porde- none Italie	Maker

When installing the appliance, check that the characteristics of the electrical connection correspond to the indications on the nameplate.

C.2 How to Interpret the Manufacturing Description

The manufacturing description on the nameplate has the following meaning:



1 - Product / Brand

And	Electrolux
With	Zanussi
N	To brand

2 - Family (depth)

7	700 mm
9	900 mm

3 - Function Type

T	Refrigerator or freezer
---	-------------------------

4 - Dimensions / Areas / Details

TA	Refrigerator, TB Full-Width
Drawers Refrigerator, TC half-width	
drawers Refrigerator, doors	
TD	Refrigerator, doors and drawers
YOU	Freezer, full-width drawers TF
	Freezer, half-width drawers XL
	Freezer, doors
TH	Dual Temperature Cold Base

5 - Power supply

E	230V/1 N~
P	230V/60Hz ~

6 - Module type

C	Base
---	------

7 - Combination of bases

O	Not applicable
---	----------------

8 - Module width

MI	1200 mm
MK	1600 mm

9 -Option

N	R290 (gas for refrigerated base)
K	R452A (gas for refrigerated base)
R	Remote Controller

C.3 Technical characteristics

Characteristics		MODELS	
		Refrigerator model	Freezer model
Internal Temperature Range	°C	-2 +10	-19 -22
Single-phase power supply (50 or 60 Hz)	V	230	230
Power Consumption	W	See nameplate data	See nameplate data
Max. current consumption	Has	See nameplate data	See nameplate data
Refrigeration production	W	See nameplate data1	See nameplate data2
Max. room temperature	°C	+ 43	+ 43
Refrigeration unit	Integrated condensin g unit	R290	
	Remote condensin g unit	R452a	
Max. relay capacity	Condensi ng unit distant	12 (8)A 250Vac	
Sound pressure level equivalent Leq dB(A) ³	dB(A)	<70	<70
Max. charge per tablet	Kg	54	54
Max. load per drawer	Kg	40	40
Grille/drawer dimensions	mm	Grilles 325 x 530	1 tyir N7E : 304 x 581*250h 2 drawers N7E: 304 x 536*98h 1 tyir N9E : 304 x 630*250h 2 drawers N9E: 304 x 642*98h

- With an ambient temperature of +43°C, a condensing temperature of +50°C and an evaporation temperature of -15°C
- With an ambient temperature of +43°C, a condensing temperature of +50°C and an evaporation temperature of -35°C

3. The noise emission values are in accordance with EN ISO 11204. The value may increase depending on the workplace where it is measured.

C.4 Climate class

The climate class described on the nameplate refers to the following values:

CLIMATE CLASS: 5

- 43°C [109.4°F] (IEC/EN 60335-2-89)
- 40°C [104°F] ambient with 40% relative humidity
- (IEC/EN ISO 23953).

C.5 Materials and fluids used

The areas that come into contact with the food products are made of steel; Stainless steel screws and brackets are present in these areas.

The fluorinated gases are stored in an airtight container.

Refrigeration units use HFC (R452a (GWP:2141)) or HC refrigerant, which is permitted by current regulations, for R290 refrigerant models. The type and quantity of gas used is indicated on the nameplate.

The CO₂ equivalent of the gas can be calculated by multiplying the GWP value by the amount of gas.

D GENERAL INFORMATION



WARNING

To see "**WARNING**
and
safety instructions"

D.1 Introduction

Note that the drawings and diagrams in the Manual are not reproduced to scale. They are used to supplement the written information and synthesize it. They are in no way intended to give a detailed representation of the apparatus.

In the installation diagrams of the device, the numerical values indicated refer to measurements expressed in millimeters and/or inches.

D.2 Intended Use and Constraints of Use

This appliance has been designed for the refrigeration or preservation of foodstuffs. It is intended for industrial use. Any other use is considered improper.

This device is built in accordance with the criteria required by the directives:

- EEC 89/336 Electromagnetic compatibility
- EEC 73/23 Low Voltage
- EEC 98/37 Machinery and associated reference standards.

The refrigerated base is designed to work in built-in installations. Planned built-in installations:

- In-line installation and next to other cooking functions;
- Undermount installation;
- Installation inside a special compartment available on request.

The machine does not come with the top part finish. The upper part of the machine contains an accessory (perforated top) used to install the specific cooking equipment provided by the manufacturer and to allow its operation.



ATTENTION

The device is not suitable for a

Outdoors or in environments exposed to atmospheric agents (rain, direct sunlight, etc.).

D.3 Testing and Inspection

Our devices have been designed and optimized in laboratory tests to achieve high performance and efficiency.

The attached documents show the positive result of the tests (visual inspection - gas/electrical test - functional test).

D.4 Copyright

This manual is intended exclusively for the operator's reference and may not be given to third parties without the authorisation of Electrolux Professional.

D.5 Retention of the Manual

The Manual must be kept intact for the life of the device, until it is demolished. In the event of assignment, sale, rental, concession of use or leasing, this Manual must always accompany the appliance.

D.6 Recipients of the Manual

This Handbook is intended for:

- the carrier and the persons in charge of handling;
- the personnel responsible for installation and commissioning;
- the employer of the users of the device and the person in charge of the workplace;
- operators responsible for the day-to-day use of the device;
- Specialized personnel - After-sales service (see Service Manual).

D.7 Definitions

Definitions of the various terms used in this Manual are set out below. It is advisable to read them carefully before using the device.

Operator	The person responsible for the installation, adjustment, use, maintenance, cleaning, repair and transportation of the appliance.
Maker	Electrolux Professional SPA or any after-sales service approved by Electrolux Professional SPA.
Operator The device	Operator who has been informed, trained in charge of the user instructs on the tasks to be carried out and the risks associated with the routine use of the the device.
After-sales service or specialized staff	An operator instructed/trained by the manufacturer who, thanks to his professional training, experience, specific instruction, knowledge of the regulations against the risks of accident, is able to evaluate the interventions to be carried out on the device, to recognize and avoid risks. His professional skills cover the fields of mechanics, electrical engineering, electronics, etc.

Danger	Source of lesions or potential health nuisances.
Danger situation	Any operation presenting one or more risks for the Operator.
Risk	Likelihood of serious injury or health risks in a hazardous situation.
	means (screens and safety devices) intended to protect operators against dangers.
Protective screen	An element of a device that is specifically used for the purpose of providing protection by a physical barrier.
Mechanism security	A device (other than a protection) that eliminates or reduces the risk, can be used alone or with a protective device.
Custo	The person who purchased the device and/or manages and uses it (e.g., company, business owner, business).
Electrocution	Accidental discharge of electric current on the human body.

D.8 Responsibilities

The manufacturer declines all responsibility in the event of damage and malfunctions resulting from:

- failure to comply with the instructions contained in this Manual;
- repairs carried out incorrectly and replacement of parts other than those specified

in the spare parts catalogue (the installation and use of non-original parts and accessories may impair the operation of the device and cause the original manufacturer's warranty to lapse).

- operations carried out by non-specialised members of staff;
- unauthorized modifications or interventions;
- lack of maintenance, or insufficient or inappropriate maintenance;
- improper use of the device;
- unforeseeable exceptional events;
- the use of the device by personnel who have not been informed and/or trained;
- the non-application of the provisions in force in the country of use in terms of safety, hygiene and health in the workplace.

The manufacturer accepts no liability for damage resulting from arbitrary alterations or modifications carried out by the user or by the customer.

The responsibility for identifying and selecting the appropriate personal protective equipment to be worn by operators lies with the employer, the responsibility of the operator, the employer, the employer, of the workplace or technical support technician, in accordance with the standards in force in the country of use.

The manufacturer accepts no responsibility for any inaccuracies that may have crept into the Manual as a result of printing or translation errors.

Any additions to the Installation, Use and Maintenance Instruction Manual that the manufacturer deems appropriate for the customer to adhere to must be retained with the Manual and form an integral part of the Manual.

E CURRENT USE

E.1 Characteristics of personnel trained in the ordinary use of the device

The customer must ensure that personnel responsible for the day-to-day use of the device have been adequately trained and have the required skills to perform the tasks assigned, taking into account their own safety and the safety of others.

The customer must ensure that the staff has understood the instructions given and, in particular, those relating to safety and hygiene in the workplace when using the device.

E.2 Characteristics of the personnel authorized to work on the aircraft

It is the customer's responsibility to ensure that operators responsible for different tasks have:

- read and understand the Manual;
- have received training and training in accordance with the tasks at hand in order to perform them safely;
- have received specific training in the correct use of the device.

E.3 Qualified operator in charge of routine use

This operator must at least:

- Knowledge of the technology and have specific experience with the operation of the device;
- have a basic general culture and a technical culture of a sufficient level to be able to read and understand the content of the Manual; including being able to correctly interpret sketches, signage and pictograms;
- have sufficient knowledge to safely carry out the interventions within his/her competence and specified in the Manual;
- Know the health and safety standards in the workplace.

In the event of significant anomalies (e.g. short circuit, cables out of the terminal block, motor failures, deterioration of the protective sheaths of the electrical cables, etc.), the operator responsible for the current use of the device is required to comply with the following instructions:

- Immediately deactivate the device and disconnect all inlets (electricity, gas, water).

F INSTALLATION AND ASSEMBLY

F.1 Introduction

To ensure the proper functioning of the appliance and the maintenance of safety conditions during use, scrupulously follow the instructions given in this paragraph.



ATTENTION

Before moving the device, make sure that the bearing force of the lifting equipment used is appropriate for the weight of the device.

F.2 Client Responsibilities

Tasks and interventions incumbent on the client:

- provide a high-sensitivity manual reclosing magnetothermal circuit breaker;
- provide a device that can be locked in the open position for connection to the electrical network.
- Checking the flatness of the machine's support surface.
- Install a quick-closing gas shut-off valve upstream of each unit (depending on the model). Install the valve in an easily accessible location.
- For more information on electrical hookup, see *F.8 Electrical connection* ;

F.3 Packaging Disposal

Packaging must be disposed of in accordance with the regulations in force in the country where the device is used. All materials used for packaging are environmentally friendly. They can be safely stored, recycled or burned in a waste incineration facility. Recyclable plastic parts bear the following logos:

	Polyethylene • Outer packaging • Bag with instructions
	Polypropylene • Straps
	Polystyrene • Protective angles

Wooden and cardboard elements can be disposed of in accordance with the standards in force in the country where the appliance is used.

F.4 Load Laying, Storage and Positioning

Before placing the load, make sure that the passage is clear and that the ground is flat and capable of supporting the weight of the load.

- Remove the device from the wooden pallet, place it on one side, then slide it on the floor.
- Store the machine and/or its parts in a non-aggressive ambient environment, free of humidity, vibrations and at an ambient temperature between -10°C and 50°C.
This area should have a horizontal support surface to prevent any deformation of the device or any damage to the support legs.
- Install the device in a well-ventilated room, as far away from heat sources as possible and in such a way as to ensure good air circulation, especially around the compressor.
The ambient temperature should not exceed +43°C to maintain the expected indoor temperatures.
- Level the unit using the height-adjustable feet.
It is essential to put the device in a straight position or it will interfere with its proper functioning.
- Check that the door closes perfectly.
- Air should circulate freely over the unit.
Ventilation slots should never be blocked by trays, cardboard boxes, vases or other objects; if not, remove them immediately.

F.5 Installation of a countertop appliance on the refrigerated base

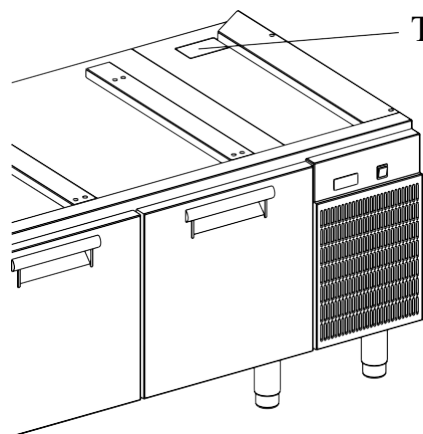
Check whether the appliances can be installed above the refrigerated base using the installation diagrams.

If possible, do the following:

1. Unscrew the feet of the device on the plane and replace them with threaded pins (not supplied);
2. Place the device by matching the axes with the holes (with fasteners) on the base;
3. Make sure that the axes fit together properly and that the device is stable.
4. Adjust the height of the device by acting on the axes or by adding shims if necessary

F.6 Union of appliances on refrigerated bases (N7E models only)

Install the unit at the right end of the refrigerated base (see figure below).



To connect the grill drain system to the drain pipe, remove the pre-cut "T" panel.

F.7 Gas, electric, water and other connections (if applicable, depending on the type of appliance and/or model)

- Any intervention for the installation or maintenance of a supply system (gas, electricity, water and/or steam, if applicable) is exclusively reserved for the distribution company's personnel or an approved installer.
- Identify the device purchased by consulting its nameplate.
- Check the type and position of the connections provided for the device on the installation diagram.

F.8 Electrical connection

Electrical connections must be made in accordance with the local safety standards.

Connection to the power supply:

1. Insert the plug into the corresponding socket
2. Check that:
 - the nominal voltage and frequency specified on the nameplate are in accordance with those of the main power supply;
 - The main power outlet has adequate current carrying capacity and is properly grounded.
If there is any doubt as to the effectiveness of the soil, ask qualified personnel to check the installation.
 - An omnipole switch with a minimum distance of 3 mm between the contacts must be installed between the socket and the power supply line.

**NOTE!**

This device has a Y-type electrical connection; Therefore, the power cable can only be replaced by a qualified technician.

**IMPORTANT**

The manufacturer declines all responsibility in the event of non-compliance with the standards in force in terms of protection against accidents.

F.9 Ground connection and equipotential node

Connect the appliance to a grounded outlet; then include it in an equipotential knot using the screw located under the chassis.

The screw bears the symbol .

G USER INSTRUCTIONS

G.1 Usage

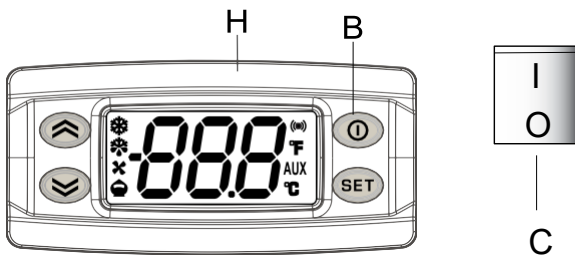
General precautions

- This appliance must be used exclusively for the purpose for which it was designed, namely refrigeration or food preservation. Any other use is considered inappropriate.
- For optimal use of the device, follow these instructions:
 - avoid placing hot food or liquids in the appliance,
 - ensure that all food is covered or packaged,
 - leave enough space between the grilles and the sides of the appliance to allow good air circulation,
 - Do not leave doors open for too long when introducing food into or removing food.

**IMPORTANT**

Maximum load for each shelf and/or drawer: 40 kg.

G.1.1 Refrigerator models



Control Panel

Has	Digital temperature control system
B	Getting Started
C	Main switch

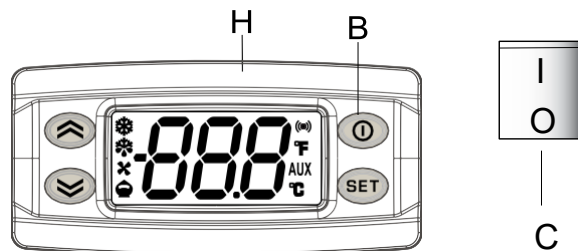
Power on

1. Press the safety switch installed upstream of the device;
2. Press the "C" switch on the control panel; When the built-in light illuminates, it indicates that the machine is powered on.
3. Turn on the digital temperature controller "A" by holding down the "B" key for at least 5 seconds; When the set temperature is reached, the thermostat disconnects the compressor and reconnects it as soon as necessary, to maintain a near-constant temperature. The thermostat is set at the factory to an operating temperature of 0°C. When the device is running, the digital temperature controller "A" indicates the temperature inside the compartment.

G.1.1.1 Defrosting

The unit is equipped with an automatic defrost device. The defrost water is collected in a tray under the unit.

G.1.2 Freezer models



Control Panel

Has	Thermometer and electronic control
B	Getting Started
C	Main switch

Power on

1. Press the safety switch installed upstream of the device;
2. Press the "C" switch on the control panel; When the built-in light illuminates, it indicates that the machine is powered on;
3. Turn on the digital temperature controller "A" by holding down the "B" key for at least 5 seconds. The thermostat is set at the factory to an operating temperature of -22°C to ensure an average temperature of -20°C in the compartment

It is possible to change the operating temperature:

	to increase the temperature
	to reduce the temperature.

- When the device is running, the digital temperature controller "A" indicates the temperature inside the compartment.
- When the set temperature is reached, the thermostat disconnects the compressor and reconnects it as soon as necessary, to maintain a near-constant temperature.

G.1.2.1 Defrosting

The unit is equipped with an automatic defrost device.

G.2 Product Loading

Distribute the product evenly inside the bin (away from the door and the back) to allow for good air circulation.



WARNING

Cover or wrap food before putting it inside the refrigerator and avoid introducing food that is too hot or liquid in the process of evaporating.

Do not leave drawers open longer than necessary during the collection or introduction of food.

It is advisable to keep keys (for models with locks) in a place that is only accessible to authorized personnel.

To prevent unauthorized persons from opening the device, it is advisable to always lock it.

H CLEANING AND MAINTENANCE OF THE DEVICE



WARNING

To see "*WARNING and safety instructions*".

H.1 Routine maintenance

H.1.1 Maintenance Information

The following maintenance operations are the responsibility of the owner and/or user of the device.



IMPORTANT

Problems resulting from improper maintenance or lack of maintenance as described below will void any warranty claims.



WARNING

Before cleaning or servicing, turn off the power to the unit.

H.1.2 Cleaning the device and accessories

Before putting the appliance into operation, clean all internal parts and accessories with warm water and neutral soap or with products that are more than 90% biodegradable (to reduce the emission of pollutants into the atmosphere); after which, rinse and dry thoroughly.



ATTENTION

Do not use solvent-based detergents (trichloroethylene) or abrasive powders.

H.1.3 First cleaning

Before putting the appliance into operation, clean all internal parts and accessories with warm water and neutral soap or with products that are more than 90% biodegradable (to reduce the emission of pollutants into the atmosphere).

Then rinse and dry thoroughly.



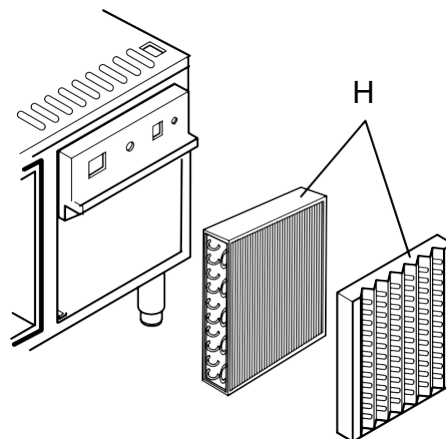
IMPORTANT

Do not use solvent-based detergents (trichloroethylene) or abrasive powders.

Periodic cleaning

- Clean the stainless steel parts with a cloth dampened with warm water and neutral detergent, then rinse and dry thoroughly.
To clean these surfaces, never use detergents containing abrasive or corrosive substances, ordinary glass wool, wire brushes, scrapers or other similar accessories.
- Clean painted parts with silicone-based wax;

- Clean the condenser fins of the refrigeration unit ("A") at least once every six months, using a brush or vacuum;



- Avoid using large tools to clean the evaporator and condenser;
- Empty the defrost tray under the unit daily.

H.1.4 Periods of non-use

For long periods of inactivity, take the following precautions:

- take the plug out of the socket;
- empty the appliance of all food in the compartment and clean the interior and accessories;
- leave doors open to promote air circulation inside and prevent the formation of bad odours;
- Vigorously wipe a cloth barely soaked in petroleum jelly oil over all stainless steel surfaces so as to spread a protective veil;
- Ventilate the premises periodically



IMPORTANT

Before servicing, turn off the machine.

Once the maintenance operations have been completed, check that the machine is able to operate safely and, in particular, that the protective and safety devices are working perfectly.

H.1.5 Indoor (every 6 months)



IMPORTANT

Operations to be entrusted exclusively to specialized personnel.

- Check the condition of the internal parts.
- Remove any dirt deposits inside the device.
- Examine and clean the drainage system.

**IMPORTANT**

Under special environmental conditions (e.g. intensive use of the device, brackish ambient environment, etc.), it is advisable to increase the above-mentioned cleaning frequency.

H.2 Exceptional repair and maintenance**NOTE!**

Exceptional repairs and maintenance should be carried out exclusively by authorized specialized personnel, who may request a Service Manual from the manufacturer.

H.3 Service intervals

All items that need maintenance can be accessed from the front or back of the unit.

Inspection and maintenance intervals depend on the actual operating conditions of the device and environmental conditions (presence of dust, humidity, etc.), which is why it is not possible to define very precise intervals.

In any case, it is recommended to carry out thorough and regular maintenance of the machine to minimize any interruptions to service.

Maintenance, verification and overhaul of the machine must be carried out exclusively by a specialised technician or by the after-sales service, equipped with all the appropriate personal protective equipment (safety shoes and gloves), tools and auxiliary means;

Any intervention on electrical equipment must be carried out exclusively by a qualified electrician or by the after-sales service;

In order to ensure constant efficiency of the machine, it is advisable to carry out checks according to the frequency indicated in the following table:

Maintenance, checks, checks and cleaning	Frequency	Responsibility
Ordinary cleaning General cleaning of the machine and the surrounding area.	Every day	Operator
Mechanical protection Check the state of conservation, check for deformations, loosening or alterations.	Every month	Service
Control Check the mechanical part to ensure that there are no breakages or deformations, and that the screws are tightened; check the legibility and state of conservation of the inscriptions, stickers and pictograms and restore them if necessary.	Every year	Service
Machine Structure Tighten the main bolts (screws, fastening systems, etc.) of the appliance.	Every year	Service
Safety Signage Check the legibility and state of conservation of the safety signage.	Every year	Service
Electrical control cabinet Check the condition of the electrical components installed inside the electrical control cabinet. Check the wiring between the control cabinet and the machine components.	Every year	Service
Electrical connection cable and plug socket Check the condition of the connection cable (replace it if necessary) and the plug socket.	Every year	Service
Exceptional maintenance of the device Check all gas elements (if applicable).	Every year	Service
General service of the device Check all components, electrical equipment, traces of corrosion, pipes, etc.	Every 10 years ¹	Service

1. The device was designed and manufactured for a period of about 10 years. Once this period has elapsed (from the time the device is put into service), it must be subject to a general overhaul. Some examples of checks to be carried out are given below.

Checklist:

- Check for any oxidized electrical parts or components; replace them if necessary and restore the initial conditions.
- Check the structure, especially the welded joints.
- Check and replace bolts and/or screws, also checking for any loose parts.
- Check the electrical and electronic installation.
- Check the operation of the safety devices.
- Check the general condition of the protectors and screens.

Disassembly

- All demolition operations should be carried out when the machine is stopped, cold and disconnected from the power supply.

- Interventions on electrical equipment, de-energized, are exclusively reserved for a qualified electrician.
- To carry out these operations, it is mandatory to have: work suits, safety shoes and gloves.
- During these dismantling and handling operations of the individual parts, the minimum height from the ground must be maintained.

I MACHINE DISPOSAL



WARNING

To see “*WARNING and safety instructions*”

I.1 Waste storage

At the end of the useful life of the appliance, dispose of it properly.

Depending on the model, the doors will need to be dismantled before disposing of the appliance.

Temporary storage of SPECIAL waste is authorised for disposal by treatment and/or final disposal. The environmental protection regulations in force in the user's country must be complied with.

I.2 Procedure for macro-disassembly operations of the device

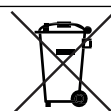
Before disposing of the device, it is recommended to carefully check its physical condition and check for any structural parts of the structure that show any signs of subsidence or breakage during the demolition phase.

The parts that make up the device must be disposed of in a differentiated manner, taking into account their nature (e.g. metals, oils, greases, plastics, rubber, etc.).

The different countries of destination have their own legislation; therefore, the provisions imposed by the laws and agencies of the countries where the demolition takes place must be respected

As a general rule, the refrigerator must be handed over to specialized collection/demolition centers.

Disassemble the appliance, grouping the different elements according to their chemical nature and remembering that there is lubricating oil and refrigerant in the compressor, which can be recovered and reused, and that the refrigerator elements are special waste comparable to urban waste.



The symbol on the product indicates that it should not be considered household waste but should be disposed of properly to avoid any harmful effects on the environment and human health. For more information on the recycling of this appliance, contact the local agent or dealer of the appliance, the service department or the local organization responsible for the disposal of the appliances.

rubbish.



NOTE!

At the time of the demolition of the device, the markings, this Manual and other documents relating to the device must be destroyed.

J DOCUMENTS JOINTS

- Test and inspection sheet binder.
- Electrical diagram.
- Installation diagram.
- Declaration of Conformity