



## SLIM 150

### INSTALLATION USE AND ASSISTANCE MANUAL



Read carefully before use



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## 1. Introduction

This manual is intended to help the operator for a proper installation, start up, maintenance and cleaning of the SLIM150 refrigerator, highlighting residual risks and those resulting from improper use.

This manual should be considered as part of the relate product and therefore must be kept carefully.

Some figures in this manual may show details different than those of the product but no essential information is altered.

The manufacturer reserves the right to update this manual, without prior notice, if it deems it necessary.

## 2. General Warnings

The product should be only used for food and drink storage.

The refrigerator must be placed away from heat sources, ensuring sufficient ventilation.

After installation, we recommend to wait at least an hour before using the refrigerator to allow the refrigerant circuit to function fully.

Before connecting the product, check that the power supply voltage corresponds to that indicated on the rating plate of the appliance.

After the installation, check that the appliance does not stand on the power cord.

If you have any problems, contact your nearest service center; in any case use only qualified personal.


Before carrying out any maintenance or cleaning operations, disconnect the power plug.

Do not insert in the freezer liquids in glass containers.

Do not throw away the packaging of your appliance but select materials according to local waste disposal regulations.

This product should not be disposed in general municipal waste but must be disposed as separate collection. Contact the Waste Electrical and Electronic Equipment (WEEE) centers on your territory or make it to the seller when purchasing a new equivalent equipment.

The product, if not properly disposed, may have harmful effects on environment and human health due to certain substances present in it.

The symbol shown on the side indicate that the product cannot be disposed as urban waste. 

Abusive or incorrect disposal of the product entails strict administrative and / or criminal penalties as provided for by applicable laws.

It is strictly forbidden use the refrigerator for other use than those intended.

Maintain always the perfect cleaning and always keep the safety devices in place.

Keep the ventilation openings free from obstructions.

The appliance must not be exposed to rain.

Suitable for use in campings

For proper and safe use of this refrigerator, various precautions and general instructions must be followed. If the instructions are not observed, no complaints will be accepted.



This device can be used by children of at least 8 years old and persons with reduced physical, sensory or mental capabilities or with little experience and knowledge if they are supervised or instructed to use, including inherent risks.



Do not allow children to play with the appliance or hide inside it. Children may be trapped and may suffocate. Do not allow children to clean or carry out maintenance on the unit without supervision.

Installation and maintenance operations should only be carried out by personal with specific knowledge of the operation of the appliance, both from the point of view of electrical safety and hygiene.



Failure to comply with European regulation and standards for mounting does not guarantee the warranty.



Wrong installation or maintenance of the refrigerator can cause injury and / or damage at the refrigerator.



Do not modify the refrigerator unless the modification is authorized and carried out by the manufacturer or its agents.



Use only original and approved spare parts.



Follow the safety instructions for installation and then use the appropriate protective equipment.



Never expose the fridge to water jets or moisture.



Refrigerator performance can be compromised by the proximity of heat sources, such as an oven or a stove. Properly isolate the refrigerator from heat sources.



Electrical circuits and refrigeration systems must be installed by qualified personal only.



Install the refrigerator in accordance with local / national laws.



The fridge must be installed in a way for have an easy access for maintenance and repairs.



Maintenance, disassembly, or repair of the refrigerator must only be carried out by a qualified person.



Before connect the fridge to the source power, check the existence of a suitable earthing system according to European standards.



Before making any electrical connection, make sure that the main switch is off.



Do not expose never the fridge to the rain.



Never open or damage the cooling system located on the back of the refrigerator. The cooling system is pressurized and contains substances harmful to human health.

### 3. Manufacturer Identification

The product referred to in this manual is designed and manufactured by:

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#### ***Vitrifrigo s.r.l.***

Via Mazzini, 75 – Frazione Montecchio

61022 Vallefoglia (PU) - Italy

Tel. +39 0721 491080

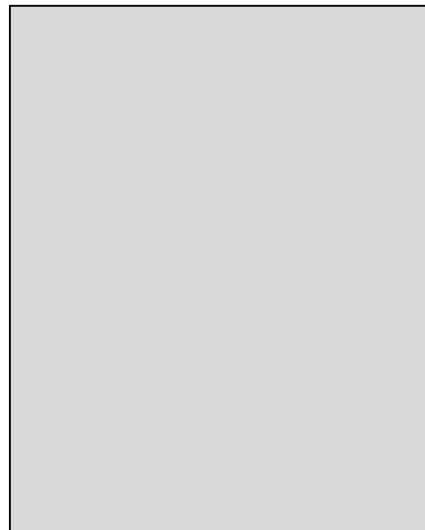
Fax + 39 0721 497739

e-mail [info@vitrifrigo.com](mailto:info@vitrifrigo.com)

### 4. Product Identification

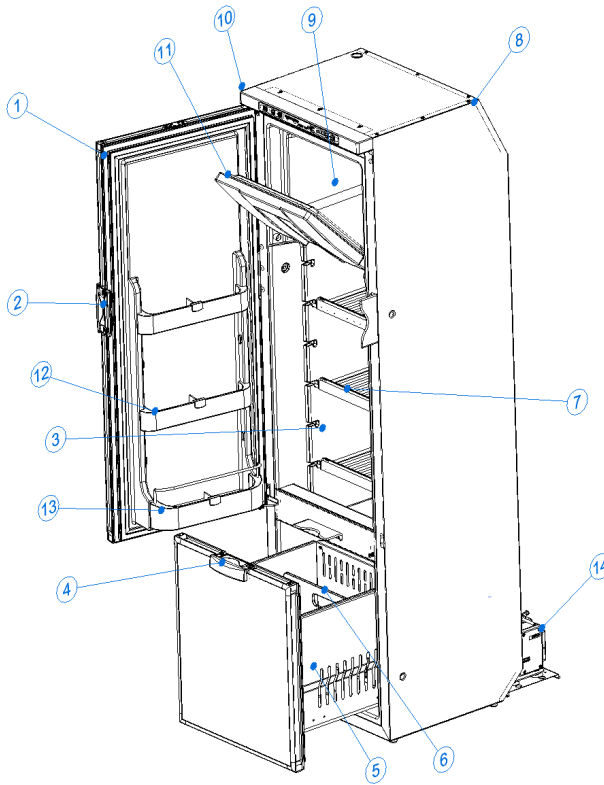
Each unit is labeled with the following datas:

- model
- Identification code
- climatic class
- compressor model
- voltage supply and frequency power supply
- power absorption (W)
- current absorption (A)
- type of refrigerant
- refrigerant quantity
- Expanding gas type for insulating foam
- serial no.: digits 1,2: year of production  
digits 3,4: production week  
digits 5,6,7,8: progressive number



## 5. General Description

The SLIM150 refrigerator, shown in this manual, has been specially designed for use in motor homes and caravans to ensure proper food containment.



### Main datas

- 1 Fridge door
- 2 Fridge door latch
- 3 Fridge compartment
- 4 Drawer latch
- 5 Fridge drawer
- 6 Bottle retainer
- 7 Storage shelves
- 8 Insulated box
- 9 Freezer compartment
- 10 Control panel
- 11 Freezer door
- 12 Small door shelf
- 13 Big door shelf
- 14 Condensing unit

## 6. Packaging Checking

As soon as you receive the package, inspect it, make sure that it's not overturned and has no damage during transport. Then remove the package, and also perform an internal inspection to identify any type of damage.

If there are any doubts about the integrity of the unit components, do not use it.

Report any damages and / or anomalies to the dealer within 24 hours of the date of purchase.

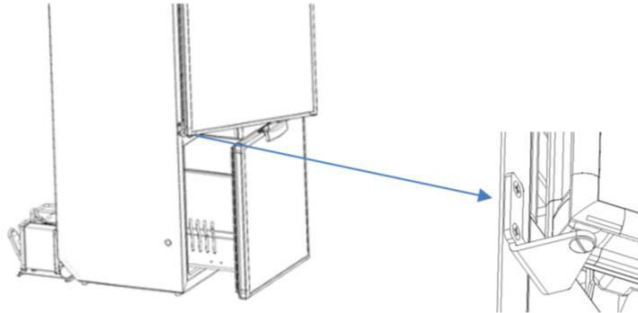
## 7. Door Inversion

You can reverse the door opening direction by following the steps below.

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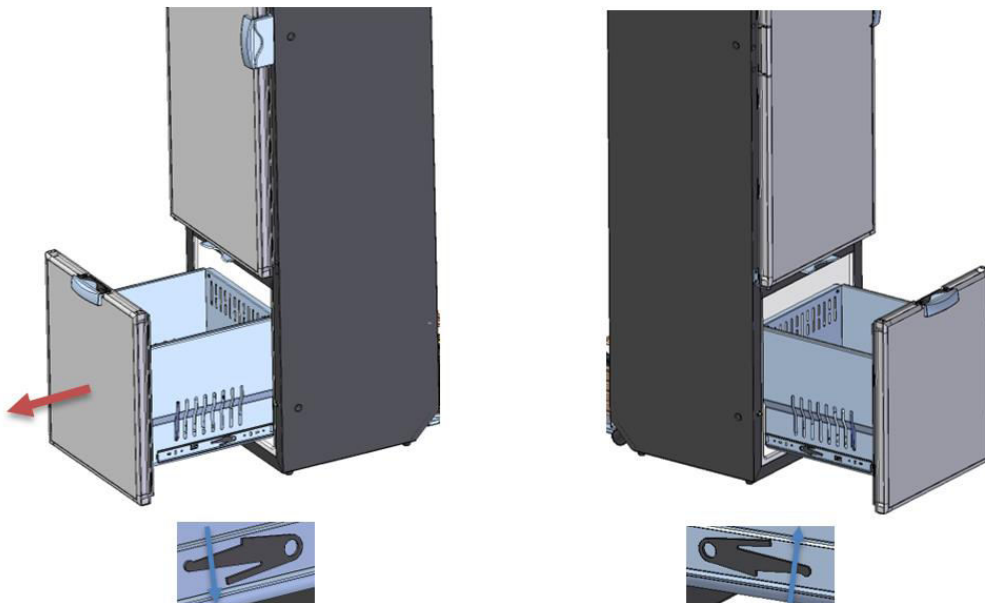
### *Door removal*

Open the drawer to access the lower bottom screw. Unscrew it with a screwdriver. Remove the door by sliding it down.



### *Drawer removal*

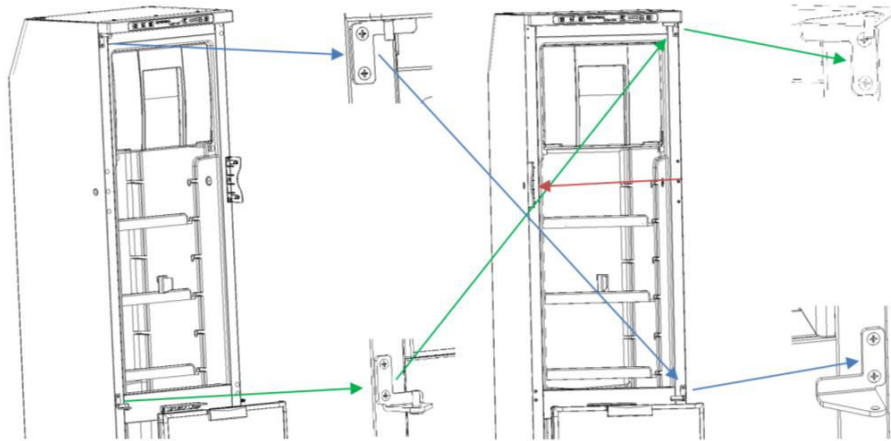
Open the drawer completely in order to access at the rails retainer. At the same time, turn the left rail retainer upwardly and the right rail retainer downward. The drawer can be extract by pulling it to itself.



### *Hinges inversion*

Unscrew the hinges and reassemble them on the opposite side.  
Do not mount the hinge pin on the lower hinge.

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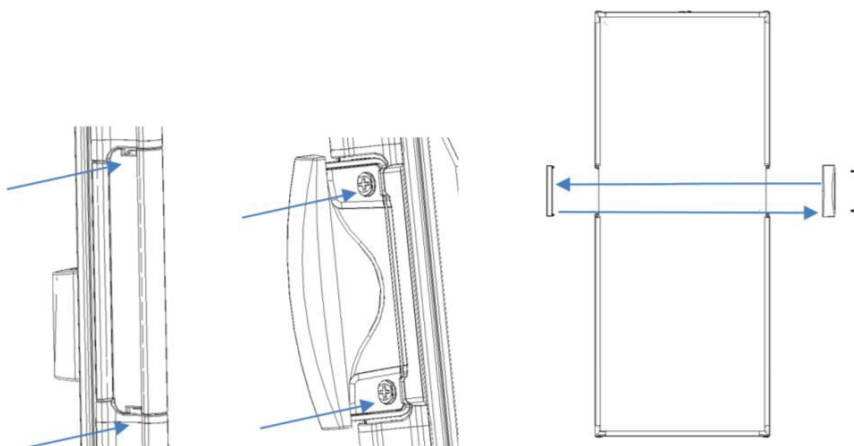


### *Door latch inversion*

Remove the door latch and its cover from the door.

To remove the cover insert a screwdriver into one of the two recesses indicated by the arrows and lever.

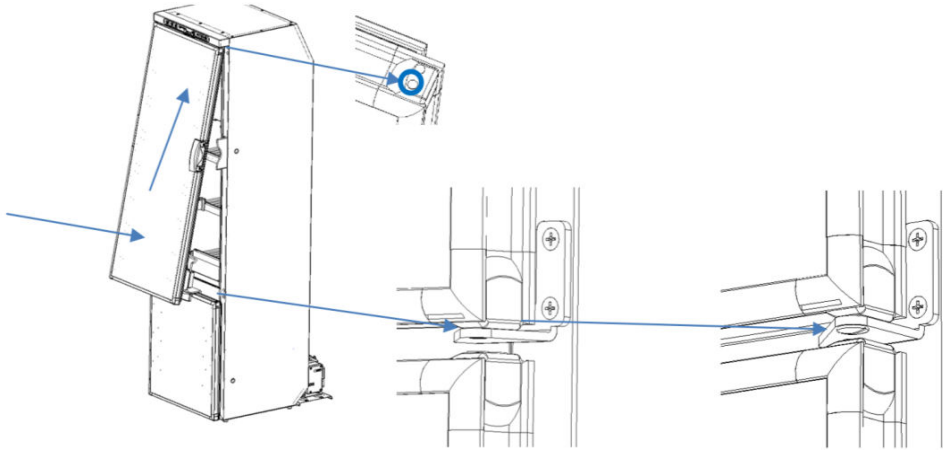
To remove the handle, unscrew the #2 screws.



## Door mounting

Slide the door into the upper hinge pin holding it slightly inclined. Close the door by placing it at the bottom hinge. Insert the hinge pin.

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The procedure indicates the left-right inversion. Make the steps opposite to the right-left opening.

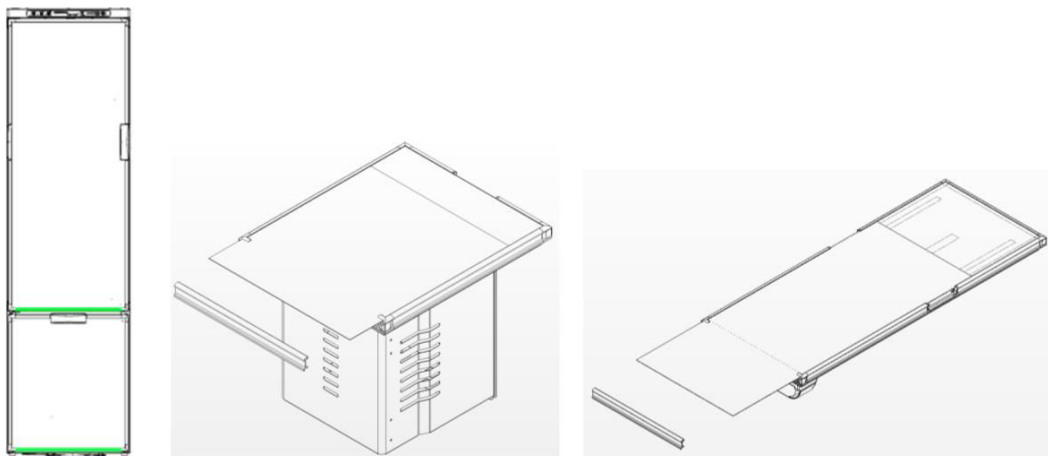
## 8. Door panel replacement

Is possible replace the fridge and drawer door panels by following the instructions below.

Remove the lower profile from the doors, unscrewing the screws and slide the panel down.

Replace and re-fasten the lower profile.

To facilitate replacement, remove the drawer and the fridge door.



## 9. Cooler and condensing unit placement

Place the fridge on a flat and stable surface.

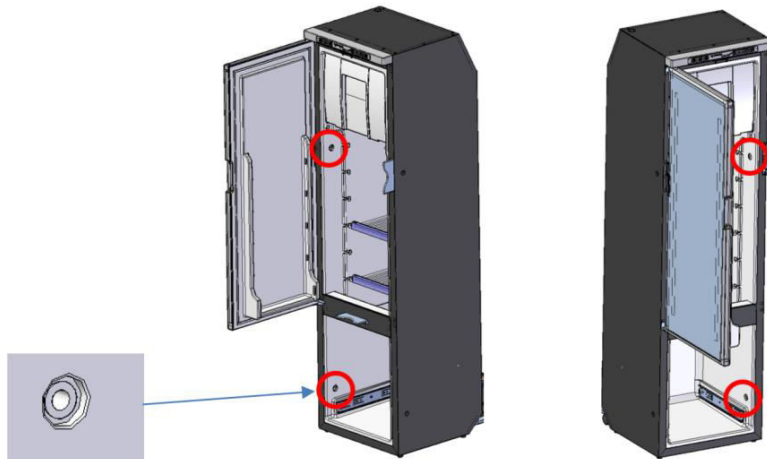
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The fridge is equipped with #4 fixing points.

Before installing, it is necessary to drill the insulated box in these points.

We recommend to use screws 3.9x16 (not supplied).

To have access in all fixing points, is necessary remove the drawer.



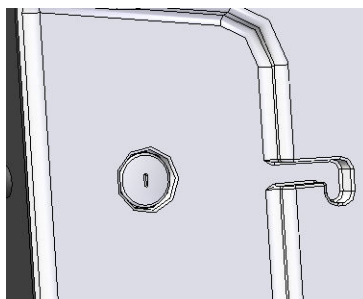
The condensing unit can be removed up to 1.5 m from the fridge cabinet.

Place the unit to ensure an adequate ventilation and away from heat sources.

The fridge is provided with condensing unit connected by quick joints.

Be sure to connect the condensate drain hose to avoid water stagnation.

After installation, cover the bushings with the supplied caps.



## 10. Electrical Connection

Prepare the AC supply line using conductor cable of minimum 1mm<sup>2</sup> (AWG16) cross-section and proper insulation adequate to the operating mode and environment and in compliance with the applicable regulations.

Make sure that there is available an access point to the power supply near the unit and that the system is equipped with a 6-pole omnipolar differential magnetic circuit breaker.

The main voltage must correspond to the voltage indicated on the identification label located inside the appliance. If the appliance is equipped with a plug-in power cord, apply a two-pole switch to a standard with a minimum contact opening distance of 3 mm.

This installation and electrical connection must perform in accordance with the regulations by a qualified technician.

Connect the DC power supply to 12V or 24V directly to the battery according to the following instructions.

Standard battery protection settings.

12V cut-out [V]	12V cut-in [V]	24V cut-out [V]	24V cut-in [V]
10.4	11.7	22.8	24.2

Cable size: Battery and electronics connection.

Section [mm <sup>2</sup> ]	Max line length 12V [m]	Max line length 24V [m]
2.5	2.5	5
4	4	8
6	6	12
10	10	20

Protect the DC power line with a suitable min. 20A circuit breaker.

Provide a fuse close to the positive battery pole and a 15A fuse for 12 VDC power supply and 7.5A for 24 VDC power supply.

## 11. Before Use

At the end of the installation, check the continuity of the earth circuit and perform all electrical safety tests as provided by applicable regulations.

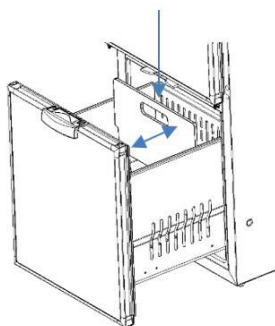
Protect and lock cables properly to prevent accidental cable tractions that may disconnect it from the connections or that may come in contact with hot parts at temperatures above 50°C or with sharp parts.

If the power cord is damaged, it must be replaced by the manufacturer or its service technician or, in any case, by a person with similar qualifications, in order to prevent any risk.

- Make sure that all packing materials have been removed.
- Test all pipes to ensure there is no leakage
- Check all electrical connections.
- Check whether the drawer can be removed from the appliance.
- Verify that the door can be closed properly.

## 12. Use

It's possible to manage the fridge compartment as desired by moving storage shelves and door shelves.



The drawer is specially designed for bottles, cans and vegetables.

To divide the drawer into compartments there is a bottle retainer that can be placed at various distances.

The maximum storage capacity of the drawer is 20 Kg.

After a minimum of 4 hours of cooling the food can be put in the refrigerator.

- i** To prevent excessive ice formation in the refrigerator, always cover liquid products, let warm products cool down before placing them in the refrigerator. Do not open the door or drawer any longer than necessary.
- i** To reduce the cooling time, store only pre-cooled food in the refrigerator. To prevent the food from drying out or your refrigerator from smells, store food separately in closed boxes.

### 13. Control Panel Description And Use

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- 1 ON/STANDBY button
- 2 NIGHT MODE button
- 3 TURBO MODE button
- 4 Selector Lock (ventilation position) / Unlock (In use position)
- 5 Cooling level indicators
- 6 Cooling level buttons

#### *On/Standby*

To switch on the refrigerator, push the on/off switch shown in the figure for 1 second.

At this time all the functions are active.

The power source is selected automatically, with priority to the AC source.

-  To secure optimal performance, level your vehicle before operating the refrigerator
-  For optimal performances, switch on the refrigerator at least 8 hours before placing food
-  We advise to clean the inside of the refrigerator properly, before using the refrigerator.

#### *Night mode*

To activate Night mode, hold down the corresponding button for one second.

The LED will light above the button and the led on the graduated scale will turn off.

During operation of this mode, it is not possible to change the cooling level.

After 10 hours of operation, Night mode will stop automatically.

The LED above the button turn off and the cooling level returns to the last set.

To turn off Night mode at any time, hold down the corresponding button for one second.

With Night mode active, the rotation speed of the compressor is the lower, in this way noise and electrical consumption are minimized.



The temperatures inside the refrigerator and the refrigerator will go up by activating this mode. Only activate it when you need to save energy.

### *Turbo mode*

To turn on the Turbo mode, hold down the button for one second.

The LED will light above the button and the led on the graduated scale will turn off.

During this feature is active, it's not possible change the cooling level.

To turn off Turbo mode at any time, push the button for one second.

The LED above the button will turn off and the cooling level will return to the last set.

With Turbo mode active, the rotation speed of the compressor is the highest.

Activate it when you want to cool down the fridge as quick as possible.

As soon as the lowest temperature is reached, turbo mode turn off automatically and the cooling level returns to the last set.

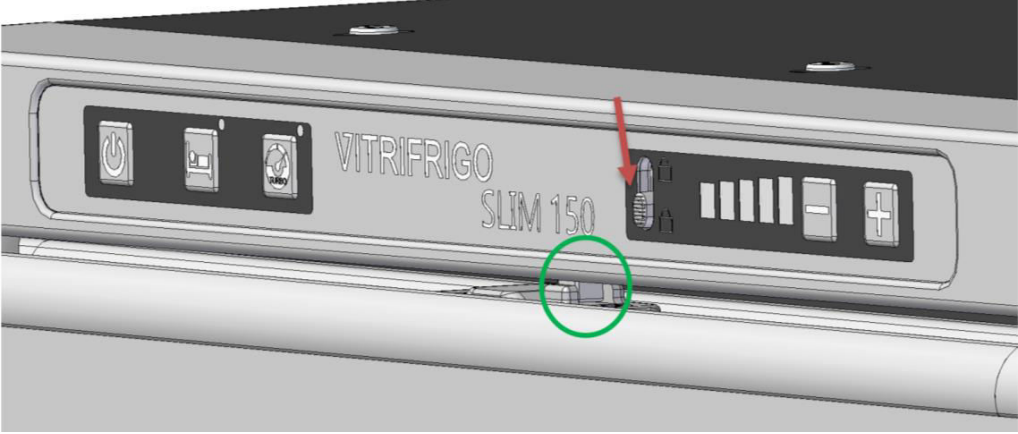
### *Ventilation Position*

If you do not expect to use your refrigerator for a long period, it is important to completely empty, defrost and clean the refrigerator.

To prevent smells and mould in the refrigerator, keep the refrigerator door open during this period.

For positioning the door in ventilation position, open it in a controlled manner until it matches the ventilation slider pin.

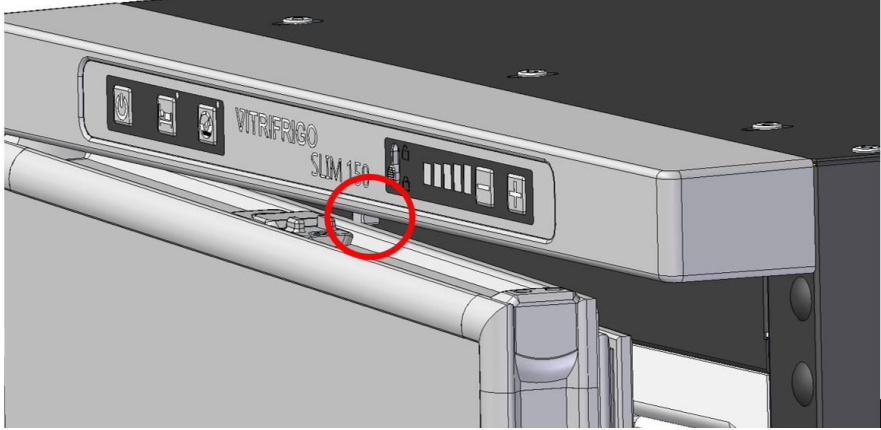
Lower the ventilation slider and placing it in the recess of the door.



Door in ventilation position



Do not slow down the ventilation cursor if the door is open for prevent damages at the cursor when the door will be closed.



*Cooler level setting*

After switching on the refrigerator, for set the cooling level push the switches +/- . With the button indicated by the simbol “-“ the set decreases to the minimum step, while whit the switch indicated by the simbol “+” you reach the maximum step.



With an environment temperature between 15 ° C and 25 ° C, it is recommended to set the cooling refrigerator at level 3. An higher ambient temperature requires an higher cooling level, while a lower temperature needs a lower level.

## 14. Door Open

The internal light of the refrigerator switched off with closed door and lights up with open door. If the door remains open for more than 60 seconds, the light turn off and the buzzer is switched on.

## 15. Cleaning

It 'important regularly clean the refrigerator for optimum performance. Remove the shelves and drawer. Use a soft damp cloth for the outside of the fridge. Use a soft cloth and a neutral detergent for domestic use.



Do not clean the fridge with soap or with aggressive or caustic chemicals.  
Do not wash any refrigerator component in the dishwasher.

## 16. Defrosting

An ice layer inside the fridge and in the freezer reduces the cooling capacity of the fridge. You must periodically defrost your fridge.

First turn off the refrigerator, after emptying it.

Open the fridge door to speed up the defrosting process.

The fridge compartment is equipped with a condensate collection system, the freezer compartment is not equipped with any system of water draining, therefore, place dry towels inside the freezer cell, especially at the front to prevent thawing water falling into the fridge.

When the fridge is defrosted, thoroughly dry the interior.



Do not speed up the defrosting process by removing the ice sheet with force, with sharp objects or using a hair dryer.

## 17. Unused For Long Periods

If you are not going to use the refrigerator for a long time, it is important to empty it, defrost it, and clean it completely.

To prevent bad smells and mold in the fridge, keep the fridge door in ventilation mode during storage.

## 18. Disposal

The fridge is designed and manufactured with high quality materials and components that can be recycled and reused.

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At the end of the refrigerator life cycle dispose of the product according to national regulations. Do not dispose the refrigerator with normal domestic waste.

Proper disposal of the product helps to prevent potential negative consequences for the environment and human health.

DICHIARAZIONE DI CONFORMITA'

La VITRIFRIGO srl con sede in via Mazzini 75, 61022 Fraz.Montecchio Vallefoglia (PU), Italia,

DICHIARA

sotto la propria responsabilità che il frigorifero o unità refrigerante per la refrigerazione ed il mantenimento di cibi e bevande i cui dati sono riportati nell'etichetta sottostante ed alla quale questa dichiarazione si riferisce

E' CONFORME

ai requisiti essenziali di sicurezza previsti dalle direttive:

2014/35/EU 2014/30/EU.

DECLARATION OF CONFORMITY

VITRIFRIGO srl, with its main office in via Mazzini 75, 61022 Fraz.Montecchio Vallefoglia (PU), Italy,

hereby DECLARES,

under its sole responsibility, that the refrigerator or refrigerating unit designed for the refrigeration and preservation of food and beverages, as per the dataplate indicated below and to which this declaration refers,

COMPLIES WITH THE

basic safety requirements specified in EC directives:

2014/35/EU 2014/30/EU.

DÉCLARATION DE CONFORMITÉ

La soussignée société VITRIFRIGO srl, dont le siège est à Fraz. Montecchio Vallefoglia (PU) - 61022 (ITALIE), via Mazzini 75,

ATTESTE

sous sa responsabilité que le réfrigérateur ou unité de réfrigération et de conservation d'aliments et de boissons, dont les caractéristiques sont reportées sur l'étiquette ci-dessous et objet de la présente déclaration est

CONFORME

aux exigences essentielles des directives:

2014/35/EU 2014/30/EU.

KONFORMITÄTSERKLÄRUNG

Die Firma VITRIFRIGO srl mit Sitz in Via Mazzini 75, 61022 Fraz. Montecchio Vallefoglia (PU), Italien

ERKLÄRT

in eigener Verantwortung, dass der Kühlschrank bzw. das Kühlgerät für die Kühlung und Aufbewahrung von Speisen und Getränken, dessen Daten auf nachstehendem Etikett angegeben sind, und auf das sich diese Erklärung bezieht,

von folgenden Richtlinien vorgeschriebenen Sicherheitsanforderungen:

2014/35/EU 2014/30/EU.

KONFORM IST.

DECLARACIÓN DE CONFORMIDAD

La VITRIFRIGO srl, con domicilio en Via Mazzini 75, 61022 Fraz. Montecchio Vallefoglia (PU), Italia,

DECLARA,

bajo su propia responsabilidad, que el frigorífico o unidad refrigerante para la refrigeración y conservación de alimentos y bebidas - cuyos datos técnicos se indican en la etiqueta situada debajo, al que la presente declaración se refiere,

CUMPLE CON

los requisitos esenciales de seguridad establecidos por las directivas:

2014/35/EU 2014/30/EU

DECLARAÇÃO DE CONFORMIDADE

A VITRIFRIGO srl, com sede na Via Mazzini 75 - 61022 - Fraz. Montecchio Vallefoglia (PU), Itália

DECLARA

sob a própria responsabilidade que o frigorifero ou unidade refrigerante a refrigeração e conservação de alimentos e bebidas, cujos dados estão contidos na etiqueta abaixo e a qual esta declaração concerne

É CONFORME

aos requisitos essenciais de segurança previstos pelas directivas:

2014/35/EU 2014/30/EU

CONFORMITEITSVERKLARING

De firma VITRIFRIGO srl, gevestigd in de Via Mazzini 75, 61022 Fraz. Montecchio Vallefoglia (PU), Italië,

VERKLAART,

onder eigen verantwoording, dat de koelkast of de koeleenheid voor het koelen en bewaren van voedingswaren en dranken, waarvan de gegevens op onderstaand etiket zijn vermeld en waarop deze verklaring betrekking heeft,

VOLDOET

aan de fundamentele vereisten zoals gedefinieerd in de richtlijnen:

2014/35/EU 2014/30/EU.



Vitri Alceste