EN Refrigerator

User Manual

Electrolux

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## WE'RE THINKING OF YOU

Thank you for purchasing an Electrolux appliance. You've chosen a product that brings with it decades of professional experience and innovation. Ingenious and stylish, it has been designed with you in mind. So whenever you use it, you can be safe in the knowledge that you'll get great results every time. Welcome to Electrolux.

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## CUSTOMER CARE AND SERVICE

Always use original spare parts.

When contacting our Authorised Service Centre, ensure that you have the following data available: Model, PNC, Serial Number. The information can be found on the rating plate.

- A Warning / Caution-Safety information
- (i) General information and tips
- Environmental information

Subject to change without notice.

## **1. A SAFETY INFORMATION**

Before the installation and use of the appliance, carefully read the supplied instructions. The manufacturer is not responsible for any injuries or damage that are the result of incorrect installation or usage. Always keep the instructions in a safe and accessible location for future reference.

## 1.1 Children and vulnerable people safety

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the use of the appliance in a safe way and understand the hazards involved.
- Children aged from 3 to 8 years are allowed to load and unload the appliance provided that they have been properly instructed.
- This appliance may be used by persons with very extensive and complex disabilities provided that they have been properly instructed.
- Children of less than 3 years of age should be kept away from the appliance unless continuously supervised.
- Do not let children play with the appliance.
- Children shall not carry out cleaning and user
  maintenance of the appliance without supervision.
- Keep all packaging away from children and dispose of it appropriately.

## 1.2 General Safety

- This appliance is intended to be used in household and similar applications such as:
  - Farm houses; staff kitchen areas in shops, offices and other working environments;
  - By clients in hotels, motels, bed and breakfast and other residential type environments.
- To avoid contamination of food respect the following instructions:
  - do not open the door for long periods;
  - clean regularly surfaces that can come in contact with food and accessible drainage systems;

- store raw meat and fish in suitable containers in the refrigerator, so that it is not in contact with or drip onto other food.
- WARNING: Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- WARNING: 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 use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- Do not use water spray and steam to clean the appliance.
- Clean the appliance with a moist soft cloth. Only use neutral detergents. Do not use abrasive products, abrasive cleaning pads, solvents or metal objects.
- When the appliance is empty for long period, switch it off, defrost, clean, dry and leave the door open to prevent mould from developing within the appliance.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- If the supply cord is damaged, it must be replaced by the manufacturer, its Authorised Service Centre or similarly qualified persons in order to avoid a hazard.

## **2.** SAFETY INSTRUCTIONS

## 2.1 Installation



#### WARNING!

Only a qualified person must install this appliance.

- Remove all the packaging.
- Do not install or use a damaged appliance.
- Follow the installation instructions supplied with the appliance.

- Always take care when moving the appliance as it is heavy. Always use safety gloves and enclosed footwear.
- Make sure the air can circulate around the appliance.
- At first installation or after reversing the door wait at least 4 hours before connecting the appliance to the power supply. This is to allow the oil to flow back in the compressor.
- Before carrying out any operations on the appliance (e.g. reversing the

door), remove the plug from the power socket.

- Do not install the appliance close to radiators or cookers, ovens or hobs.
- Do not expose the appliance to the rain.
- Do not install the appliance where there is direct sunlight.
- Do not install this appliance in areas that are too humid or too cold.
- When you move the appliance, lift it by the front edge to avoid scratching the floor.
- The appliance contains a bag of desiccant. This is not a toy. This is not food. Please dispose of it immediately.

#### 2.2 Electrical connection



#### WARNING!

Risk of fire and electric shock.



#### WARNING!

When positioning the appliance, ensure the supply cord is not trapped or damaged.



#### WARNING!

Do not use multi-plug adapters and extension cables.

- The appliance must be earthed.
- Make sure that the parameters on the rating plate are compatible with the electrical ratings of the mains power supply.
- Always use a correctly installed shockproof socket.
- Make sure not to cause damage to the electrical components (e.g. mains plug, mains cable, compressor). Contact the Authorised Service Centre or an electrician to change the electrical components.
- The mains cable must stay below the level of the mains plug.
- Connect the mains plug to the mains socket only at the end of the installation. Make sure that there is access to the mains plug after the installation.

• Do not pull the mains cable to disconnect the appliance. Always pull the mains plug.

### 2.3 Use



#### WARNING!

Risk of injury, burns, electric shock or fire.

The appliance contains flammable gas, isobutane (R600a), a natural gas with a high level of environmental compatibility. Be careful not to cause damage to the refrigerant circuit containing isobutane.

- Do not change the specification of this appliance.
- Do not put electrical appliances (e.g. ice cream makers) in the appliance unless they are stated applicable by the manufacturer.
- If damage occurs to the refrigerant circuit, make sure that there are no flames and sources of ignition in the room. Ventilate the room.
- Do not let hot items to touch the plastic parts of the appliance.
- Do not store flammable gas and liquid in the appliance.
- Do not put flammable products or items that are wet with flammable products in, near or on the appliance.
- Do not touch the compressor or the condenser. They are hot.

## 2.4 Internal lighting



## WARNING!

- Risk of electric shock.
- Concerning the lamp(s) inside this product and spare part lamps sold separately: These lamps are intended to withstand extreme physical conditions in household appliances, such as temperature, vibration, humidity, or are intended to signal information about the operational status of the appliance. They are not intended to be used in other applications and are not suitable for household room illumination.

### 2.5 Care and cleaning



WARNING!

Risk of injury or damage to the appliance.

- Before maintenance, deactivate the appliance and disconnect the mains plug from the mains socket.
- This appliance contains hydrocarbons in the cooling unit. Only a qualified person must do the maintenance and the recharging of the unit.
- Regularly examine the drain of the appliance and if necessary, clean it. If the drain is blocked, defrosted water collects in the bottom of the appliance.

## 2.6 Service

- To repair the appliance contact the Authorised Service Centre. Use original spare parts only.
- Please note that self-repair or nonprofessional repair can have safety consequences and might void the guarantee.
- The following spare parts will be available for 7 years after the model has been discontinued: thermostats, temperature sensors, printed circuit boards, light sources, door handles,

## **3. INSTALLATION**



WARNING!

Refer to Safety chapters.

door hinges, trays and baskets. Please note that some of these spare parts are only available to professional repairers, and that not all spare parts are relevant for all models.

 Door gaskets will be available for 10 years after the model has been discontinued.

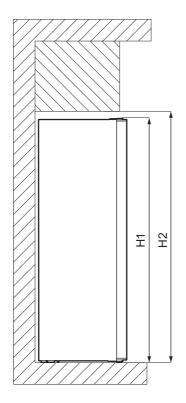
### 2.7 Disposal

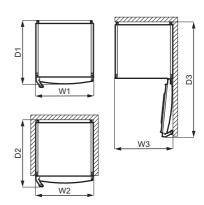
WARNING!

Risk of injury or suffocation.

- Disconnect the appliance from the mains supply.
- Cut off the mains cable and discard it.
- Remove the door to prevent children and pets to be closed inside of the appliance.
- The refrigerant circuit and the insulation materials of this appliance are ozone-friendly.
- The insulation foam contains flammable gas. Contact your municipal authority for information on how to discard the appliance correctly.
- Do not cause damage to the part of the cooling unit that is near the heat exchanger.

#### 3.1 Dimensions





Overall dimensions <sup>1</sup>		
H1 *	mm	1750
W1	mm	595
D1	mm	653

<sup>1</sup> the height, width and depth of the appliance without the handle and feet

\* including the height of the top hinge (10 mm)

Space re	quired in use	<b>e</b> <sup>2</sup>	
H2	mm	1790	
W2	mm	600	
D2	mm	691	

<sup>2</sup> the height, width and depth of the appliance including the handle, plus the space necessary for free circulation of the cooling air

Overall space required in use <sup>3</sup>		
H2	mm	1790
W3	mm	605
D3	mm	1193

<sup>3</sup> the height, width and depth of the appliance including the handle, plus the space necessary for free circulation of the cooling air, plus the space necessary to allow door opening to the minimum angle permitting removal of all internal equipment

### 3.2 Location

Refer to the installation instructions for the installation.

This appliance is not intended to be used as a built-in appliance.

In case of different installation from freestanding respecting space required in use dimensions, the appliance will function correctly but energy consumption might increase slightly.

To ensure appliance's best functionality, you should not install the appliance in the nearby of the heat source (oven, stoves, radiators, cookers or hobs) or in a place with direct sunlight. Make sure that air can circulate freely around the back of the cabinet.

This appliance should be installed in a dry, well ventilated indoor position.

To ensure best performance, if the appliance is positioned below an overhanging wall unit, the minimum distance between the top of the cabinet shall be maintained. Ideally, however, the appliance should not be positioned below overhanging wall units. One or more adjustable feet at the base of the cabinet ensure that the appliance stands level.



#### CAUTION!

If you position the appliance against the wall, use back spacers provided or keep the minimum distance indicated in the installation instructions.

## $\triangle$

#### CAUTION!

If you install the appliance next to a wall, refer to the installation instructions to understand the minimum distance between the wall and the side of the appliance where door hinges are to provide enough space to open the door when the internal equipment is removed (e.g. when cleaning). This appliance is intended to be used at ambient temperature ranging from  $10^{\circ}$ C to  $43^{\circ}$ C.

**i** The correct operation of the appliance can only be guaranteed within the specified temperature range.

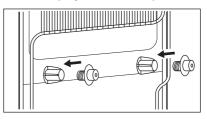
- i If you have any doubts regarding where to install the appliance, please turn to the vendor, to our customer service or to the nearest Authorised Service Centre.
- i It must be possible to disconnect the appliance from the mains power supply. The plug must therefore be easily accessible after installation.

### 3.3 Electrical connection

- Before plugging in, ensure that the voltage and frequency shown on the rating plate correspond to your domestic power supply.
- The appliance must be earthed. The power supply cable plug is provided with a contact for this purpose. If the domestic power supply socket is not earthed, connect the appliance to a separate earth in compliance with current regulations, consulting a qualified electrician.
- The manufacturer declines all responsibility if the above safety precautions are not observed.
- This appliance complies with the E.E.C. Directives.

## 3.4 Rubber plugs

If you position the appliance against a wall in a freestanding installation, install the rubber plugs on the rear spacers.



### 3.5 Door reversibility

Please refer to the separate document with instructions on installation and door reversal.

## 4. CONTROL PANEL

#### 4.1 Switching on

- 1. Insert the plug into the wall socket.
- 2. Turn the temperature regulator clockwise to a medium setting.

### 4.2 Switching off

To turn off the appliance, turn the temperature regulator to the "O" position.

### 4.3 Temperature regulation

The temperature is regulated automatically. However, you can set a temperature inside the appliance yourself.

Choose the setting keeping in mind that the temperature inside the appliance depends on:

## 5. DAILY USE



#### CAUTION!

This refrigerating appliance is not suitable for freezing foodstuffs.

### 5.1 Positioning door shelves

The door of this appliance is equipped with runners that enable shelves/bins to be arranged according to individual preferences.

To reposition the door shelves/bins:

- 1. Gradually lift the shelf/bin in the direction of the arrows until it comes free.
- 2. Place the shelf/bin in desired position and gently insert it into the runner.



#### **CAUTION!** At every stage of reversing

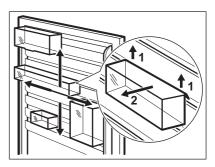
At every stage of reversing the door protect the floor from scratching with a durable material.

- room temperature,
- frequency of opening the door,
- quantity of food stored,
- appliance location.

A medium setting is generally the most suitable one.

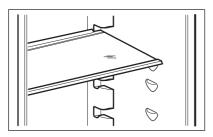
To operate the appliance:

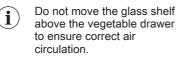
- 1. Turn the temperature regulator clockwise to obtain a lower temperature inside the appliance.
- 2. Turn the temperature regulator counterclockwise to obtain a higher temperature inside the appliance.



### 5.2 Movable shelves

The walls of the refrigerator are equipped with a series of runners so that the shelves can be positioned as desired.



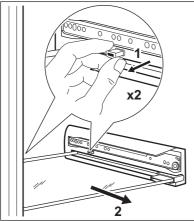


## 5.3 Removing glass shelves

This appliance is equipped with glass shelves separating the drawers.

To remove a glass shelf:

- 1. Remove surrounding drawers (refer to "Removing drawers").
- 2. Pull out locking pins on both sides of the shelf (1).
- 3. Pull the glass shelf outwards (2).



## 6. HINTS AND TIPS

### 6.1 Hints for energy saving

 Most efficient use of energy is ensured in the configuration with the drawers in the bottom part of the appliance and shelves evenly distributed. Position of the door bins does not affect energy consumption.



To put the glass shelf back follow the above steps in reverse order.



#### CAUTION!

When pushing in the locking pins make sure to insert them fully in their place.

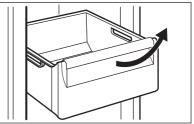
## 5.4 Vegetable drawers

There are special drawers in the bottom part of the appliance suitable for storage of fruits and vegetables.

## 5.5 Removing drawers

To remove a drawer from a compartment:

- 1. Pull the drawer out until it stops.
- Once you reach the end of the runners, lift slightly the front of the drawer and remove it from the appliance.





To put the drawer into a compartment, follow the above steps in reverse order.

- Do not open the door frequently or leave it open longer than necessary.
- Do not set too high temperature to save energy unless it is required by the characteristics of the food.
- If the ambient temperature is high and the temperature control is set to low temperature and the appliance is fully loaded, the compressor may run

continuously, causing frost or ice formation on the evaporator. In this case, set the temperature control toward higher temperature to allow automatic defrosting and to save energy this way.

• Ensure a good ventilation. Do not cover the ventilation grilles or holes.

# **6.2** Hints for fresh food refrigeration

• The medium temperature setting ensures good preservation of fresh food.

Higher temperature setting inside the appliance may lead to shorter shelf life of food.

- Cover the food with packaging to preserve its freshness and aroma.
- Always use closed containers for liquids and for food, to avoid flavours or odours in the compartment.
- To avoid the cross-contamination between cooked and raw food, cover the cooked food and separate it from the raw one.
- It is recommended to defrost the food inside the fridge.
- Do not insert hot food inside the appliance. Make sure it has cooled down at room temperature before inserting it.

## 7. CARE AND CLEANING



WARNING!

△ Refer to Safety chapters.

## 7.1 Cleaning the interior

Before using the appliance for the first time, the interior and all internal accessories should be washed with lukewarm water and some neutral soap to remove the typical smell of a brandnew product, then dried thoroughly.

#### CAUTION!

Do not use detergents, abrasive powders, chlorine or oil-based cleaners as they will damage the finish. • To prevent food waste the new stock of food should always be placed behind the old one.

## 6.3 Hints for food refrigeration

- Fresh food compartment is the one marked (on the rating plate) with <sup>(C)</sup>.
- Meat (all types): wrap in a suitable packaging and place it on the glass shelf above the vegetable drawer. Store meat for at most 1-2 days.
- Fruit and vegetables: clean thoroughly (eliminate the soil) and place in a special drawer (vegetable drawer).
- It is advisable not to keep the exotic fruits like bananas, mangos, papayas etc. in the refrigerator.
- Vegetables like tomatoes, potatoes, onions, and garlic should not be kept in the refrigerator.
- Butter and cheese: place in an airtight container or wrap in an aluminium foil or a polythene bag to exclude as much air as possible.
- Bottles: close them with a cap and place them on the door bottle shelf, or (if available) on the bottle rack.
- Always refer to the expiry date of the products to know how long to keep them.



## CAUTION!

The accessories and parts of the appliance are not suitable for washing in a dishwasher.

## 7.2 Periodic cleaning

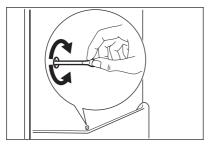
The equipment has to be cleaned regularly:

- 1. Clean the inside and accessories with lukewarm water and some neutral soap.
- 2. Regularly check the door seals and wipe them clean to ensure they are clean and free from debris.
- 3. Rinse and dry thoroughly.

# **7.3** Defrosting of the refrigerator

Frost is automatically eliminated from the evaporator of the refrigerator compartment during normal use. The defrost water drains out through a trough into a special container at the back of the appliance, over the motor compressor, where it evaporates.

It is important to periodically clean the defrost water drain hole in the middle of the refrigerator compartment channel to prevent the water overflowing and dripping onto the food inside.



## 8. TROUBLESHOOTING



#### WARNING!

 $\Delta$  Refer to Safety chapters.

8.1 What to do if...

Problem	Possible cause	Solution
The appliance does not operate.	The appliance is switched off.	Switch on the appliance.
	The mains plug is not con- nected to the mains socket correctly.	Connect the mains plug to the mains socket correctly.
	There is no voltage in the mains socket.	Connect a different electri- cal appliance to the mains socket. Contact a qualified electrician.
The appliance is noisy.	The appliance is not sup- ported properly.	Check if the appliance stands stable.
The compressor operates continually.	Temperature is set incor- rectly.	Refer to "Control Panel" chapter.

## 7.4 Period of non-operation

When the appliance is not in use for long period, take the following precautions:

- 1. Disconnect the appliance from electricity supply.
- 2. Remove all food.
- **3.** Clean the appliance and all accessories.
- **4.** Leave the door open to prevent unpleasant smells.

Problem	Possible cause	Solution
	Many food products were put in at the same time.	Wait a few hours and then check the temperature again.
	The room temperature is too high.	Refer to "Installation" chap- ter.
	Food products placed in the appliance were too warm.	Allow food products to cool to room temperature be- fore storing.
	The door is not closed correctly.	Refer to "Closing the door" section.
Door is misaligned or inter- feres with ventilation grill.	The appliance is not level- led.	Refer to installation instruc- tions.
Door does not open easily.	You attempted to re-open the door immediately after closing.	Wait at least 30 seconds between closing and re- opening of the door.
The lamp does not work.	The lamp is in stand-by mode.	Close and open the door.
	The lamp is defective.	Refer to "Replacing the lamp" section.
There is too much frost and ice.	The door is not closed correctly.	Refer to "Closing the door" section.
	The gasket is deformed or dirty.	Refer to "Closing the door" section.
	Food products are not wrapped properly.	Wrap the food products better.
	Temperature is set incor- rectly.	Refer to "Control Panel" chapter.
	Appliance is fully loaded and is set to the lowest temperature.	Set a higher temperature. Refer to "Control Panel" chapter.
	Temperature set in the ap- pliance is too low and the ambient temperature is too high.	Set a higher temperature. Refer to "Control Panel" chapter.
Water flows on the rear plate of the refrigerator.	During the automatic de- frosting process, frost melts on the rear plate.	This is correct.
There is too much con- densed water on the rear wall of the refrigerator.	Door was opened too fre- quently.	Open the door only when necessary.

Problem	Possible cause	Solution
	Door was not closed com- pletely.	Make sure the door is closed completely.
	Stored food was not wrap- ped.	Wrap food in suitable packaging before storing it in the appliance.
Water flows inside the re- frigerator.	Food products prevent the water from flowing into the water collector.	Make sure that food prod- ucts do not touch the rear plate.
	The water outlet is clog- ged.	Clean the water outlet.
Water flows on the floor.	The melting water outlet is not connected to the evap- orative tray above the com- pressor.	Attach the melting water outlet to the evaporative tray.
The temperature in the appliance is too low/too high.	The temperature is not set correctly.	Set a higher/lower temper- ature.
	The door is not closed correctly.	Refer to "Closing the door" section.
	The food products' temper- ature is too high.	Let the food products tem- perature decrease to room temperature before stor- age.
	Many food products are stored at the same time.	Store less food products at the same time.
	The door has been opened often.	Open the door only if nec- essary.
	There is no cold air circula- tion in the appliance.	Make sure that there is cold air circulation in the appliance. Refer to "Hints and Tips" chapter.
Temperature inside the drawers is too low.	Coldest setting (+2°C) is selected.	Set a higher temperature.

i

If the advice does not lead to the desired result, call the nearest Authorized Service Centre.

## 8.2 Replacing the lamp

- The appliance is equipped with a long-life LED interior light.
- i

It is strongly recommended to use original spare parts only.



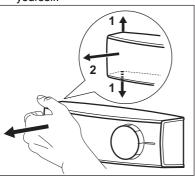
Use LED bulbs (E14 base) only. The maximum power is shown on the lamp unit.



CAUTION!

Disconnect the plug from the mains socket.

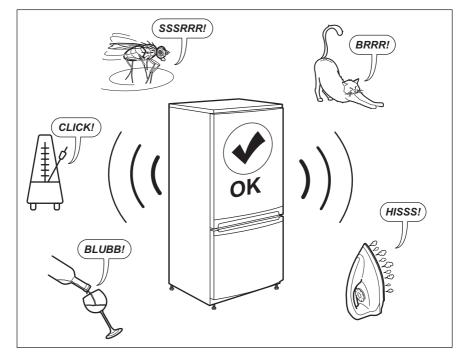
1. Pull the left side of the lamp cover with your fingers to unlock it. Remove the cover by pulling it towards yourself.



- 2. Replace the bulb with one of the same power and shape, specifically designed for household appliances.
- 3. Install the lamp cover.
- 4. Connect the plug to the mains socket.
- Open the door. Make sure that the light switches on.

#### 8.3 Closing the door

- 1. Clean the door gaskets.
- **2.** If necessary, adjust the door. Refer to installation instructions.
- 3. If necessary, replace the defective door gaskets. Contact the Authorised Service Centre.



## **10.** TECHNICAL DATA

The technical information is situated in the rating plate on the internal side of the appliance and on the energy label. The QR code on the energy label supplied with the appliance provides a web link to the information related to the performance of the

## 9. NOISES

appliance in the EU EPREL database. Keep the energy label for reference together with the user manual and all other documents provided with this appliance.

It is also possible to find the same information in EPREL using the link

## **11. INFORMATION FOR TEST INSTITUTES**

Installation and preparation of the appliance for any EcoDesign verification shall be compliant with EN 62552. Ventilation requirements, recess dimensions and minimum rear *https://eprel.ec.europa.eu* and the model name and product number that you find on the rating plate of the appliance.

See the link *www.theenergylabel.eu* for detailed information about the energy label.

clearances shall be as stated in this User Manual at Chapter 3. Please contact the manufacturer for any other further information, including loading plans.

## **12. ENVIRONMENTAL CONCERNS**

Recycle materials with the symbol  $\dot{\zeta}$ . Put the packaging in relevant containers to recycle it. Help protect the environment and human health by recycling waste of electrical and electronic appliances. Do not dispose of appliances marked with the symbol A with the household waste. Return the product to your local recycling facility or contact your municipal office.

www.electrolux.com/shop

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