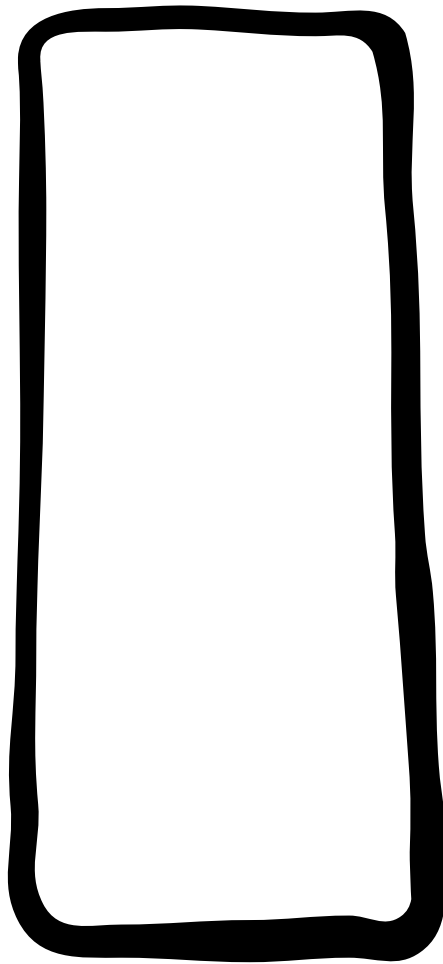


freezer

INSTRUCTION BOOK



EUF 2320



IMPORTANT SAFETY INFORMATION

It is most important that this instruction book should be retained with the appliance for future reference. Should the appliance be sold or transferred to another owner, or should you move house and leave the appliance, always ensure that the book is left with the appliance in order that the new owner can get to know the functioning of the appliance and the relevant safety information.

This information has been provided in the interest of safety. You **MUST** read it carefully before installing or using the appliance.

Installation

- This appliance is heavy. Care should be taken when moving it.
- It is dangerous to alter the specifications or attempt to modify this product in any way.
- Care must be taken to ensure that the appliance does not stand on the electrical supply cable.
Important: if the supply cable is damaged, it must be replaced by a special cable available from your local Service Force Centre.
- Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.
- Parts which heat up should not be exposed. Whenever possible, the back of the appliance should be close to a wall but leaving the required distance for ventilation as stated in the installation instructions.
- The appliance should be left for 2 hours after installation before it is turned on, in order to allow the refrigerant to settle.

Child Safety

- Do not allow children to tamper with the controls or play with the product.
- Keep all packaging well away from children.

General Safety

- **This appliance contains hydrocarbons in its cooling unit; maintenance and recharging must therefore only be carried out by authorized technicians.**
- **Take utmost care when handling your appliance so as not to cause any damages to the cooling unit with consequent possible fluid leakages.**
- **The appliance must not be located close to cookers, radiators or boilers.**
- **Avoid prolonged exposure of the appliance to direct sunlight.**
- **Do not use other electrical appliances (such as ice cream makers) inside of refrigerating appliances.**

During Use

- This appliance is designed for domestic use only, specifically for the storage of edible foodstuffs.

- Frozen food must NOT be re-frozen once it has thawed out.
- Do not place carbonated or fizzy drinks in the freezer.
- Do not remove items from the freezer if your hands are damp/wet, as this could cause skin abrasions or frost/freezer burns.
- Ice lollies can cause 'frost/freezer burns' if consumed straight from the freezer.
- Manufacturers' storage recommendations should be strictly adhered to. Refer to relevant instructions.
- The cooling plate or refrigerated freezer shelves in this appliance contain channels through which the refrigerant passes. If these are punctured this will cause substantial damage to the appliance and result in food loss. **DO NOT USE SHARP INSTRUMENTS** to scrape off frost or ice. Under **NO** circumstances should solid ice be forced off the lining or shelves. Solid ice should be allowed to thaw, when defrosting the appliance. See Defrost Instructions.

Maintenance and Cleaning

- Switch off and unplug the appliance before carrying out any cleaning or maintenance work.

Servicing


- This product should be serviced by an authorised engineer and only genuine spare parts should be used.
- Under no circumstances should you attempt to repair the machine yourself. Repairs carried out by inexperienced persons may cause injury or serious malfunctioning. Refer to your local Service Force Centre and always insist on genuine spare parts.

At the end of the Appliance Life

- When disposing of your appliance, use an authorised disposal site.
- Remove the plug and ensure that any locks or catches are removed, to prevent young children being trapped inside.

Disposal of old Appliances



The symbol  on the product or on its packaging indicates that this product may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

CONTENTS

Instructions for the User

Important Safety Information	2
Operation	4
Before using	4
Control panel	4
Display	4
Operation	5
Activation of functions	5
Switching off	5
Use of the freezer compartment	5
Temperature control	5
Freezing fresh food	5
Frozen food storage	6
Cold accumulators	6
Thawing	6
Making ice cubes	6
Normal operating sounds	6
Excessive temperature alarm	7
Door open acoustic alarm	7
Hints and Tips	7
Maintenance and Cleaning	8
Internal cleaning	8
External cleaning	8
When the appliance is not in use	8
Defrosting	8
Something Not Working	9
Service and Spare Parts	10
Customer Care	10
Guarantee Conditions	11

Instructions for the Installer

Technical Specification	12
Installation	13
Positioning	13
Electrical Connection	14
Instruction for totally built-in appliances	15

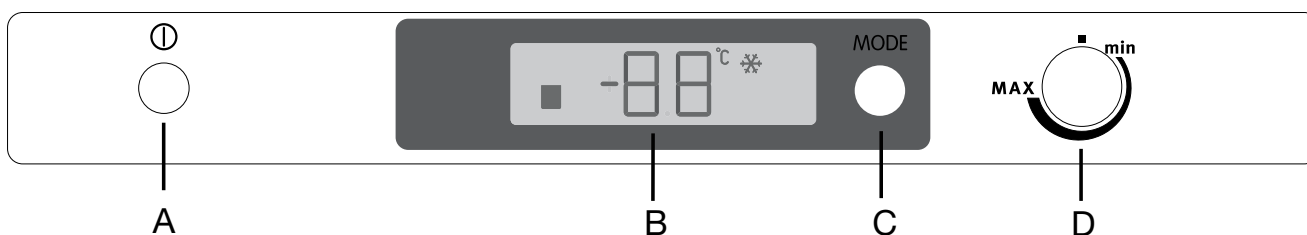
OPERATION

Before using

Remove all securing tapes. Wash inside the appliance with lukewarm water and bicarbonate of soda (5 ml to 0.5 litre of water).

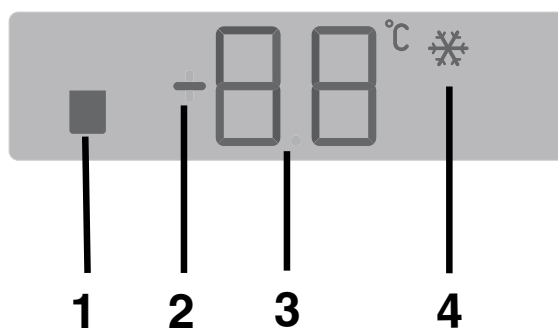
Do not use soap or detergent as the smell may linger. Dry thoroughly.

Control panel



- A - Appliance button ON/OFF
- B - Temperature and function indicator
- C - Function button
- D - Freezer Thermostat knob

DISPLAY



1. Door open alarm indicator
2. Positive or negative Temperature indicator
3. Temperature indicator
4. If on the fast freeze function is on

Operation

After plugging the plug into the power outlet, if the display is not illuminated, press key (A), appliance on.

As soon as the appliance is turned on, the following signals will appear on the control panel:

- symbol (2) will be positive, indicating that the temperature is positive.
- the temperature flashes, the background of the display is red and you will hear a buzzer. Press key (C) and the buzzer will go off (also see the section on "excessive temperature alarm").

Place the freezer thermostat control knob (D) in a middle position, and the appliance will be set up to provide the following temperature:

roughly -18°C in the refrigerator.

Use of the freezer compartment

Temperature control

The temperature within the freezer is controlled by the thermostat situated at the top of the cabinet.

To operate the freezer proceed as follows:

Turn the thermostat control beyond the «■» position.

When you first start the freezer, we suggest that you turn the thermostat control to a medium setting.

For easier turning of this control, use a small coin. The internal temperature of the freezer is automatically adjusted by the thermostat to ensure safe food storage.

However, if the appliance is working in unfavourable room conditions such as

- poor ventilation,
- high temperature,
- frequent door openings,

it may be necessary to select a more suitable setting.

To obtain a lower temperature, turn the thermostat control towards max; to obtain a higher temperature turn the control towards min.

Freezing fresh food

The freezer compartment is suitable for long term storage of commercially frozen food, and for freezing fresh food.

The maximum quantity of foods to freeze in 24 hours is shown on the serial number plate.

Place the foods you want to freeze on the shelf of the freezer compartment, as this is the coldest point.

To freeze fresh foods, you will need to activate the rapid freezing function. Press key C (several times if necessary) until the corresponding icon appears ❄️

Activation of functions

Each time key C is pressed, the following functions are activated in a clockwise direction:

Symbol 4 : rapid freezing function.

No Symbol: Normal operation

Switching off

The appliance is shut off by holding down key (A) for more than 1 second. After this, a countdown of the temperature from -3 -2 -1 will be shown.

When the appliance is shut off, display (B) also goes off.

After a pre-cooling period of 24 hours, place the foods in the freezer.

The freezing process takes 24 hours. During this period do not put other foods in the freezer.

This function stops automatically after 54 hours.

Put the foods to be frozen in the upper compartment of the freezer, as this is the coldest location.

The function can be de-activated at any time by pressing key C (see paragraph "Activation of Functions").

Distribute the frozen food packages in the other compartments, so that the top compartments can be used for a further freezing operation.

- The food to be frozen must be fresh and of the best quality.
- Do not allow fresh food to touch food which is already frozen.
- During the freezing process, ensure that the freezer door remains closed.

Frozen food storage

When you first start the freezer or if the freezer has been out of use for some time, we advise you to run your appliance for at least 24 hours in the «fast freeze» mode before storing frozen food.

Do not exceed the storage period indicated by the manufacturer.

Finally, do not open the door frequently or leave it open longer than is absolutely necessary.

To obtain the best performance from this appliance, you should:

if large quantities of food are to be stored, remove all drawers and baskets from appliance and place food on cooling shelves.

Pay careful attention not to exceed load limit stated on the side of the upper section (where applicable).



Warning

Do not put carbonated liquids, (fizzy drinks etc.), in the freezer compartment.

Water ices, if consumed immediately after removal from the freezer, can possibly result in a low temperature skin burn.

Do not remove items from the freezer if your hands are damp/wet, as this could cause skin abrasions or “frost/freezer burns”.



Important

In the event of a power cut the food in the freezer will not be affected if the power cut is short and if the freezer is full. Do not open the door. Should the food begin to thaw, it must be consumed quickly and must not be re-frozen .

Cold accumulators

The appliance is equipped with two cold accumulators. If there is a power failure, they will extend food conservation for a few hours.

Thawing

Deep frozen or frozen food, prior to being used, can be thawed in the fridge or at room temperature depending on the time available. Small food items may even be cooked from frozen; in this case cooking will take longer.

Any frozen food which is allowed to thaw accidentally should either be eaten as soon as possible or thrown away. Alternatively, if the food is uncooked and has not been completely defrosted it can be cooked and then refrozen.

Meat, fish and fruit should be thawed in the refrigerator compartment and small pieces of meat can even be cooked while still frozen, but you must ensure that it is thoroughly cooked through.

Vegetables should be directly immersed in boiling water; ready-cooked dishes can be placed directly in the oven in their aluminium wrapping.

A microwave oven is particularly suitable for thawing any type of frozen or deep-frozen food: follow the oven instructions, particularly regarding the placement of aluminium wrapping or containers in the oven.

Defrosted cooked food must never be refrozen.

Making ice cubes

The appliance is provided with one or more trays for ice-cubes trays.

Fill the tray(s) 3/4 full to give the ice space to expand and place them in the freezer compartment.

To release the ice cubes simply give the tray a slight twist.

Do not use sharp or metallic instruments to remove the trays from the freezer.

Normal Operating Sounds

- You may hear faint gurgling or bubbling sounds when the refrigerant is pumped through the coils or tubing at the rear, to the cooling plate/evaporator.
- When the compressor is on, the refrigerant is being pumped round, and you will hear a whirring sound or pulsating noise from the compressor.
- A thermostat controls the compressor, and you will hear a faint 'click' when the thermostat cuts in and out.

Excessive temperature alarm

An increase in the temperature in the freezer compartment (for example due to an power failure) is indicated by:

- flashing temperature;
- freezer compartment flashing (symbol 2);
- red illumination of display;
- sounding of buzzer.
- alarm symbol.

When normal conditions are restored:

- the acoustic signal shuts off;
- the temperature value continues to flash;
- the display illumination remains red.

When you press key "C" to de-activate the alarm, the highest temperature reached in the compartment appears on indicator 2 for approximately 5 seconds.

At this point the flashing stops and the display illumination changes over from red to white.

Door open acoustic alarm

An acoustic alarm will sound when the door is left open for more than 1 minute.

The door open alarm conditions are indicated by:

- flashing symbol (1);
- red display illumination;
- beeping sound.

Press the button (C) to stop the acoustic alarm.

When normal conditions are restored (door closed):

- the acoustic alarm will stop.

HINTS AND TIPS

Food Storage


- To obtain the best results from the appliance neither hot foods nor liquids which may evaporate, should be placed in the larder compartment.
- Keep the time between buying chilled food and placing it in your refrigerator as short as possible.
- Do not push food together too much, try to allow air to circulate around each item.
- Do not store food uncovered.
- Remove suspect food from your appliance and clean, refer to Maintenance and Cleaning.



Energy Saving Advice

- Do not install the appliance close to sources of heat, such as a boiler or radiator.
- Locate the appliance in a cool well ventilated room and make sure that the air openings of the appliance are not obstructed.
- Always leave warm food to cool down to room temperature before placing in the fridge.
- Try to avoid keeping the door open for long periods or opening the door too frequently as warm air will enter the cabinet and cause the compressor to switch on unnecessarily often.
- Ensure there are no obstructions preventing the door from closing properly.
- It is advisable to periodically clean the refrigeration system at the back of the appliance with a duster or vacuum cleaner.

MAINTENANCE AND CLEANING

 Before any maintenance or cleaning work is carried out, **DISCONNECT** the appliance from the **ELECTRICITY** supply.

Internal cleaning

Clean the inside and accessories with warm water and bicarbonate of soda (5ml to 0.5 litre of water). Rinse and dry thoroughly.

External cleaning

Many proprietary kitchen surface cleaners contain chemicals that can attack/damage the plastics used in this appliance. For this reason it is recommended that the outer casing of this appliance is only cleaned with warm water with a little washing-up liquid added.

An accumulation of dust will affect the performance of the appliance and cause excessive electricity consumption.

You **MUST** ensure that the appliance is switched **OFF**.

Once or twice a year dust the condenser (black grille) and the compressor at the back of the appliance, with a brush or vacuum cleaner, see

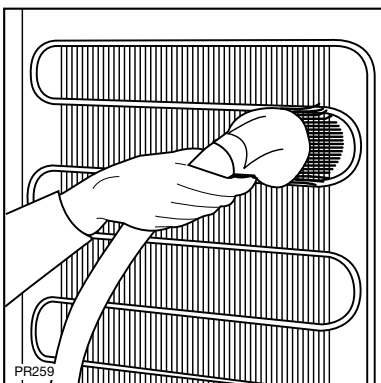



diagram.

When the appliance is not in use

When the appliance is not in use for long periods, disconnect from the electricity supply, empty all foods and clean the appliance, leaving the doors ajar to prevent unpleasant smells.

 **NEVER USE DETERGENTS, ABRASIVE POWDERS, HIGHLY PERFUMED CLEANING PRODUCTS OR WAX POLISHES, TO CLEAN THE INTERIOR AS THESE WILL DAMAGE THE SURFACE AND LEAVE A STRONG ODOUR.**

Defrosting

Freezer

Your appliance is frost free, which means there is no need to manually defrost your appliance as this will be carried out automatically.



Important

A temperature rise of the frozen food packs, during defrosting, may shorten their safe storage life.



Attention!

In the event of a power failure causing the temperature within your freezer to rise, do not re-freeze the food without checking its condition. The following guidelines should assist you.

Ice-cream: once thawed should be discarded.

Fruits & Vegetables: if soft should be cooked and used up.

Breads & Cakes: can be re-frozen without danger.

Shellfish: should be refrigerated and used up quickly.

Cooked Dishes: i.e. casseroles should be refrigerated and used up.

Large Pieces of Meat: can be re-frozen providing there are still ice crystals remaining within them.

Small Joints: should be cooked and can then be re-frozen as cooked dishes.

Chicken: should also be cooked and re-frozen as a cooked dish.

SOMETHING NOT WORKING

If the appliance is not working correctly, please carry out the following checks before contacting your local Service Force Centre

Symptom	Solution
No power to the appliance	Check there is power at the socket.
	Check there is not a power cut by checking the household lights.
	Check the fuse has not blown.
The temperature in the appliance	Check the thermostat control knob is turned to the correct setting relative to ambient conditions.
	Check the ambient temperature is within the appliance's operating limits, please refer to the installation section in this instruction book. Relocate the appliance if necessary.
The compressor runs continuously	Adjust the thermostat control knob to give correct temperature control. See "Setting the temperature".
	Check that the door is closed.
	Large quantities of food have recently been placed in the cabinet and/or door is frequently opened.
	Check that air ventilation is not obstructed.
Noise	Refer to normal operating sounds.

If after the above checks your appliance still does not operate correctly, contact your local Service Force Centre. Please note that it will be necessary to provide proof of purchase for any in-guarantee service calls.

In-guarantee customers should ensure that the above checks have been made, as the engineer will make a charge if the fault is not a mechanical or electrical breakdown.

SERVICE AND SPARE PARTS

In the event of your appliance requiring service, or if you wish to purchase spare parts, please contact your local Electrolux Service Force Centre by telephoning:-

0870 5 929929

Your telephone call will be automatically routed to the Service Force Centre covering your post code area.

For the address of your local Service Force Centre and further information about Service Force, please visit the website at www.serviceforce.co.uk

Before calling out an engineer, please ensure you have read the details under the heading 'Something Not Working?'

When you contact the Service Force Centre you will need to give the following details:

1. Your name, address and post code
2. Your telephone number
3. Clear and concise details of the fault
4. The model and serial number of the appliance (found on the rating plate)
5. The purchase date

Please note that a valid purchase receipt or guarantee documentation is required for in-guarantee service calls.

CUSTOMER CARE DEPARTMENT

For general enquiries concerning your Electrolux appliance or for further information on Electrolux products, please contact our Customer Care Department by letter or telephone at the address below or visit our website at www.electrolux.co.uk

Customer Care Department
Electrolux Major Appliances
Addington Way
Luton
Bedfordshire
LU4 9QQ
08705 950 950 *

* calls to this number may be recorded for training purposes.

GUARANTEE CONDITIONS

Standard guarantee conditions

We, Electrolux, undertake that if within 12 months of the date of the purchase this Electrolux appliance or any part thereof is proved to be defective by reason only of faulty workmanship or materials, we will, at our option repair or replace the same FREE OF CHARGE for labour, materials or carriage on condition that:

The appliance has been correctly installed and used only on the electricity supply stated on the rating plate.

The appliance has been used for normal domestic purposes only, and in accordance with the manufacturer's instructions.

The appliance has not been serviced, maintained, repaired, taken apart or tampered with by any person not authorised by us.

All service work under this guarantee must be undertaken by an Electrolux Service Force Centre. Any appliance or defective part replaced shall become the Company's property.

This guarantee is in addition to your statutory and other legal rights.

Home visits are made between **8.30am and 5.30pm** Monday to Friday. Visits may be available outside these hours in which case a **premium** will be charged.

Exclusions

This guarantee does not cover:

Damage or calls resulting from transportation, improper use or neglect, the replacement of any light bulbs or removable parts of glass or plastic.

Costs incurred for calls to put right an appliance which is improperly installed or calls to appliances outside the European Community (EC) or European Free Trade Area.

Appliances found to be in use within a commercial environment, plus those which are subject to rental agreements.

Products of Electrolux manufacture which are not marketed by Electrolux.

European Guarantee

If you should move to another country within Europe then your guarantee moves with you to your new home subject to the following qualifications:

The guarantee starts from the date you first purchased your product.

The guarantee is for the same period and to the same extent for labour and parts as exists in the new country of use for this brand or range of products.

This guarantee relates to you and cannot be transferred to another user.

Your new home is within the European Community (EC) or European Free Trade Area.

The product is installed and used in accordance with our instructions and is only used domestically, i.e. a normal household.

The product is installed taking into account regulations in your new country.

Before you move please contact your nearest Customer Care centre, listed below, to give them details of your new home. They will then ensure that the local Service Organisation is aware of your move and able to look after you and your appliances.

France	Senlis	+33 (0)3 44 62 20 13
Germany	Nürnberg	+49 (0)800 234 7378
Italy	Pordenone	+39 (0)800117511
Sweden	Stockholm	+46 (0)20 78 77 50
UK	Luton	+44 (0)8705 950 950

TECHNICAL SPECIFICATIONS

POWER SUPPLY VOLTAGE AND FREQUENCY	220-240 V / 50 Hz
TOTAL POWER ABSORBED	130 W
AVERAGE DAILY UNITS ELECTRICITY *	0.841 kWh

GROSS CAPACITY		
	Freezer	220 l
NET CAPACITY		
	Freezer	208 l

* This figure is based on standard test results in accordance with European Standard EN 153.

Actual consumption will depend on how the appliance is used and where it is located.

INSTALLATION

Warning

IF YOU ARE DISCARDING AN OLD APPLIANCE THAT HAS A LOCK OR CATCH ON THE DOOR, YOU MUST ENSURE THAT IT IS MADE UNUSABLE TO PREVENT YOUNG CHILDREN BEING TRAPPED INSIDE.

Depending upon the position which you choose for your appliance, you may wish to reverse the way in which the door opens. To do this, refer to instructions on "Door reversal directions".

Positioning

This appliance should only be installed at a location where the ambient temperature corresponds to the climate classification indicated on the rating plate, which is located at the left on the inside of the appliance.

The following table shows which ambient temperature is correct for each climate classification:

SN +10°C to + 32°C

N +16°C to + 32°C

ST +18°C to + 38°C

T +18°C to + 43°C

The appliance should be located in a dry atmosphere, out of direct sunlight and away from continuous heat and extreme temperature, e.g. not next to a boiler or radiator, or in a very cold room e.g. an outhouse. If these temperatures are exceeded i.e. warmer or colder, then the appliance may not operate correctly.

For building-in and door reversal instructions please refer to the relevant instructions on the following pages.

Important

It must be possible to disconnect the appliance from the mains power supply; the plug must therefore be easily accessible after installation.

Electrical connections

Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.

WARNING: THIS APPLIANCE MUST BE EARTHED.

The manufacturer declines any liability should this safety measure not be observed.

If the plug that is fitted to your appliance is not suitable for your socket outlet, it must be cut off and the appropriate plug fitted.

Remove the fuse from the cut off plug.

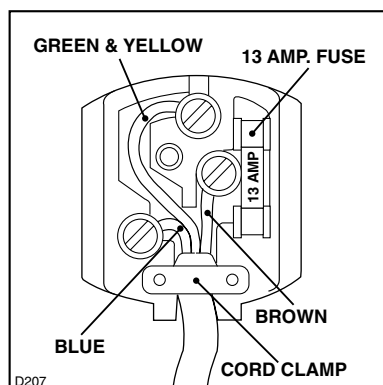
The cut off plug should then be disposed of to prevent the hazard of shocks in case it should be plugged into a 13amp socket in another part of your home.


Important

The wires in the mains lead are coloured in accordance with the following code:

Green and Yellow - Earth
Blue - Neutral
Brown - Live

If you fit your own plug, the colours of the wires in the mains lead of your appliance may not correspond with the markings identifying the terminals in your plug, proceed as follows:



Connect the Green and Yellow (earth) wire to the terminal in the plug which is marked with the letter «E» or the earth symbol  or coloured green and yellow.

Connect the blue (neutral) wire to the terminal in the plug which is marked with the letter «N» or coloured black.


Connect the brown (live) wire to the terminal in the plug which is marked with the letter «L» or coloured red.

The plug moulded onto the lead incorporates a fuse. For replacement, use a 13amp BSI362 fuse. Only ASTA or BSI approved fuses should be used.

The plug must not be used if the fuse cover/carrier is lost. The cover/carrier is indicated by the coloured insert at the base of the plug.

A replacement cover/carrier must be obtained from your local Service Force Centre.

This appliance complies with the E.E.C. Directive No. 87/308 of 2.6.87 relative to radio interference suppression.

 This appliance complies with the following E.E.C. Directives:

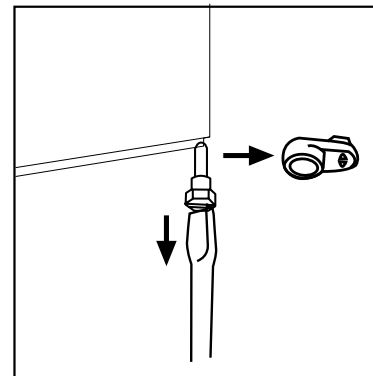
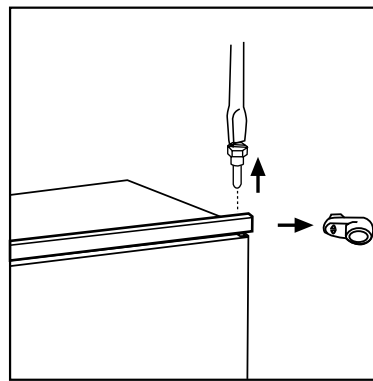
- **73/23 EEC of 19.2.73** (Low Voltage Directive) and subsequent modifications;
- **89/336 EEC of 3.5.89** (Electromagnetic Compatibility Directive) and subsequent modifications.

i Door Reversibility

! The appliance is supplied with the door opening to the right.

For door opening in the opposite direction, perform the following actions prior to installation

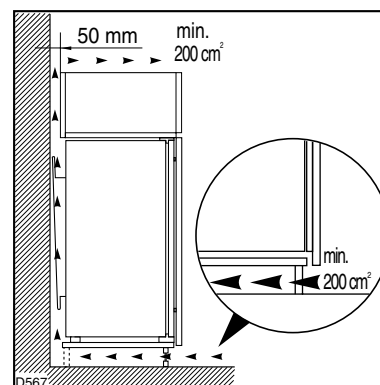
1. Unscrew the upper pin and remove the spacer
2. Remove the door.
3. Unscrew the lower pin and remove the spacer; replace them on the opposite side.
4. Reinsert the door and screw the pin and the spacer back in place on the opposite side.



i Instructions for totally built-in appliances

Recess dimensions

Height	(1)	1780 mm
Depth	(2)	550 mm
Width	(3)	560 mm

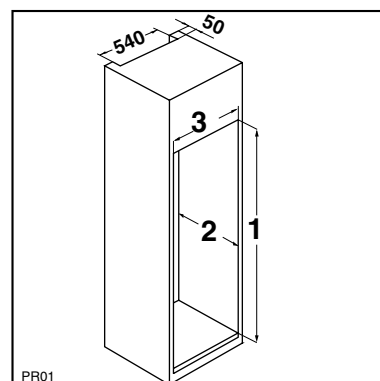


The appliance's door has been locked in position for transport by means of pins on both sides. According to the door opening direction, remove relevant pins at the top and at the bottom.

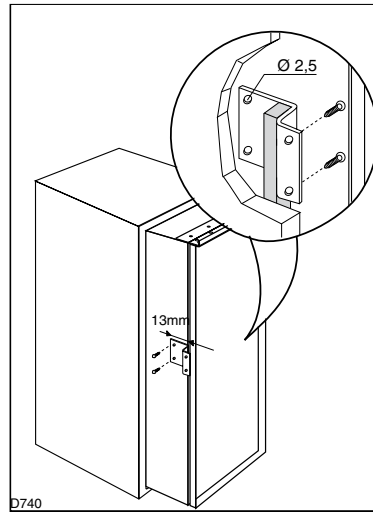
To ensure adequate ventilation, allow the clearances shown in figure.

Furthermore, it is necessary that the cabinet has a ventilation recess with the following dimensions:

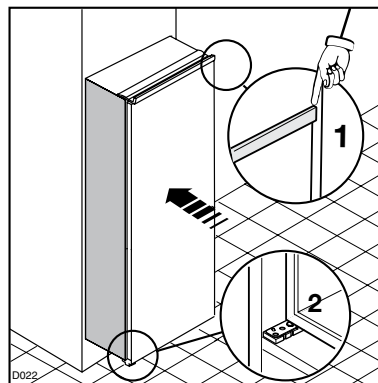
depth	50 mm
width	540 mm



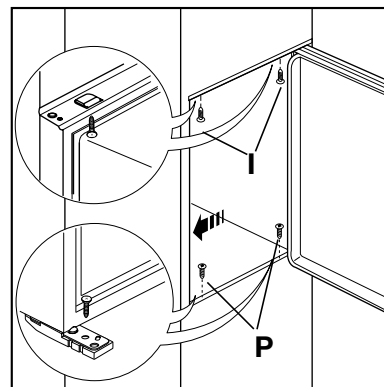
Drill the unit using a \varnothing 2.5 mm drill (10 mm max. penetration);
Fix the square fitting to the appliance.



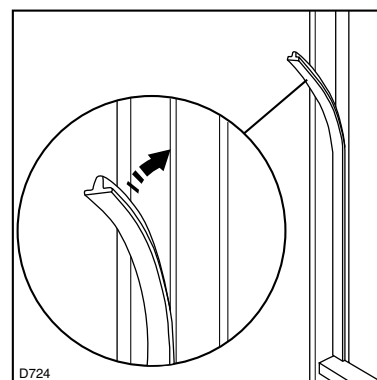
Fit the appliance in the niche by making sure that it stands against the interior surface of the unit on the side where the door hinges of the appliances are fitted. Insert the appliance until the upper strip butts up against the unit (1) and make sure that the lower hinge is in line with the surface of the unit (2).



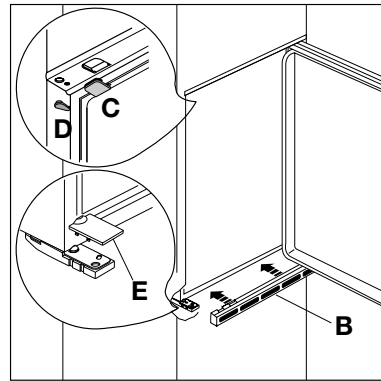
Fasten the appliance with 4 screws provided in the kit included with the appliance.
(I = short) (P = long)



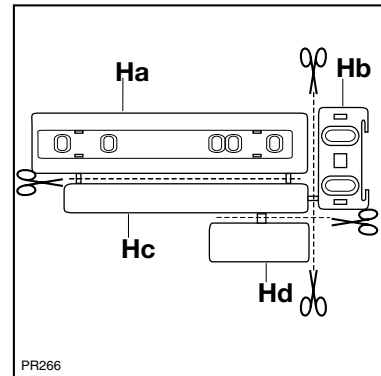
Apply the sealing strip pushing it between the refrigerator and the adjacent cabinet.



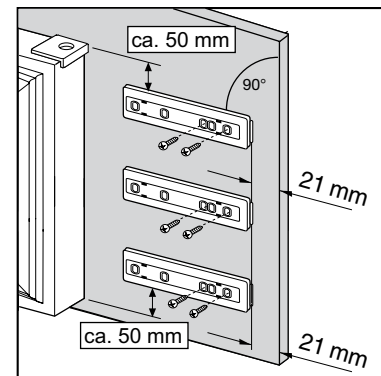
Apply covers (C-D) on joint cover lugs and into hinge holes.
 Snap vent grille (B) and hinge cover (E) into position.



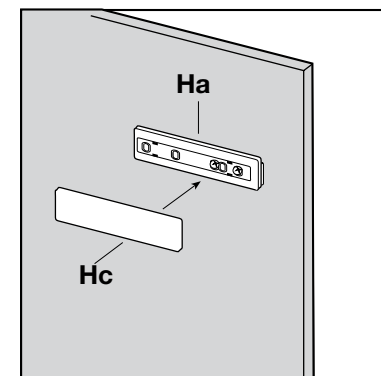
Separate parts Ha, Hb, Hc, Hd as shown in the figure.



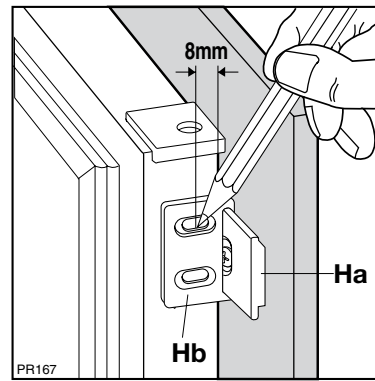
Place guide (Ha) on the inside part of the furniture door, as shown in the figure and mark the position of external holes. After having drilled holes, fix the guide with the screws supplied.



Fix cover (Hc) on guide (Ha) until it clips into place

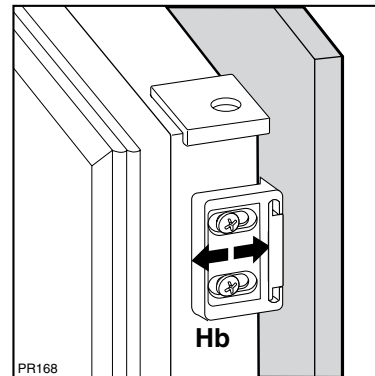


Open the appliance door and the furniture door at 90°. Insert the small square (Hb) into guide (Ha). Put together the appliance door and the furniture door and mark the holes as indicated in the figure. Remove the squares and drill holes with $\varnothing 2$ mm at 8 mm from the outer edge of the door. Place the small square on the guide again and fix it with the screws supplied.

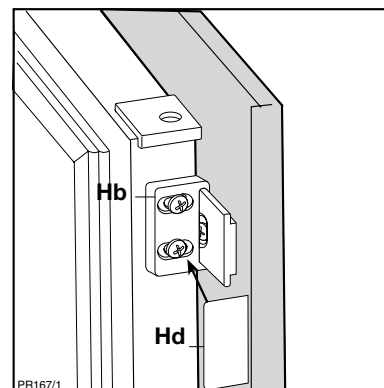


Should the lining up of the furniture door be necessary, use the clearance of slots.

At the end of operations, it is necessary to check if the door of the furniture closes properly.



Fix cover (Hd) on guide (Hb) until it clips into place.





© Electrolux plc 2005

 **The Electrolux Group.** *The world's No.1 choice.*

The Electrolux Group is the world's largest producer of powered appliances for kitchen, cleaning and outdoor use. More than 55 million Electrolux Group products (such as refrigerators, cookers, washing machines, vacuum cleaners, chain saws and lawn mowers) are sold each year to a value of approx. USD 14 billion in more than 150 countries around the world.

This file has been downloaded from:

www.UsersManualGuide.com

User Manual and User Guide for many equipments like mobile phones, photo cameras, mother board, monitors, software, tv, dvd, and othes..

Manual users, user manuals, user guide manual, owners manual, instruction manual, manual owner, manual owner's, manual guide, manual operation, operating manual, user's manual, operating instructions, manual operators, manual operator, manual product, documentation manual, user maintenance, brochure, user reference, pdf manual