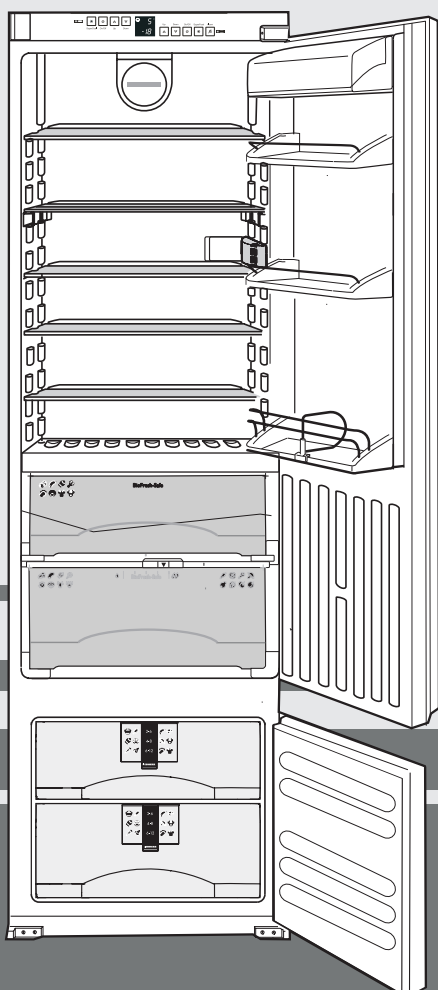


User and Installation Instructions

for the combined fridge-freezer with BioFresh compartment, sliding hinge door

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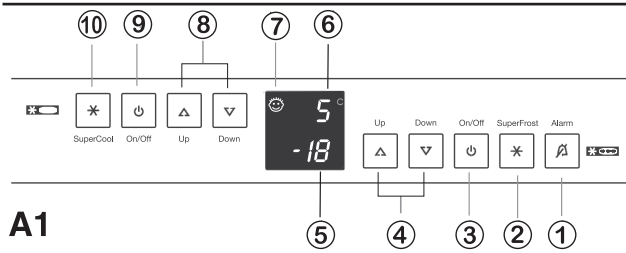


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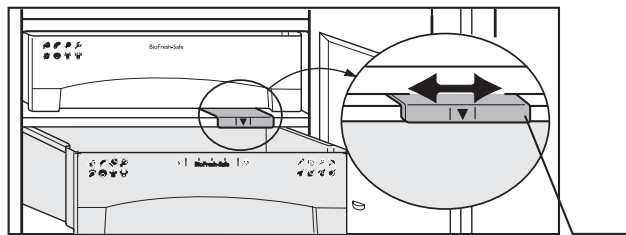
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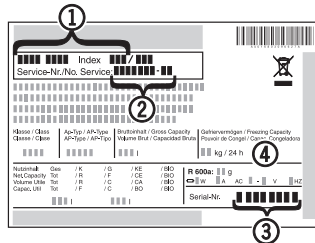
The appliance at a glance



A1



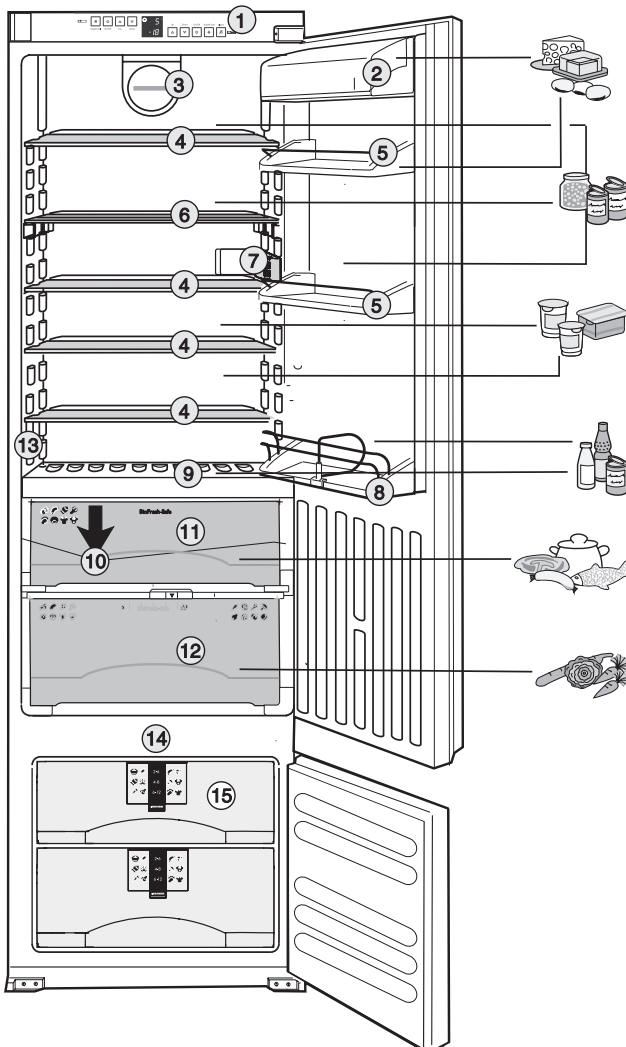
A2



Type plate, Fig. A3

- ① Appliance designation
- ② Service number
- ③ Serial-No.
- ④ Freezing capacity in kg/24 hours

A3



Operating and control panel, Figure A1

Freezer section

- ① Alarm off button for audible warning signal
- ② SuperFrost button with light emitting diode (LED) display, when lit = it is switched on
- ③ Appliance main on/off switch
- ④ Temperature setting buttons: left hand button = warmer, right-hand button = colder, recommended setting: -18 °C
- ⑤ Temperature and settings display

Fridge section

- ⑥ Temperature and settings display
- ⑦ Child lock (display for fridge and freezer sections)
- ⑧ Temperature setting buttons: left-hand button = warmer, right-hand button = colder, recommended setting: 5 °C
- ⑨ Fridge off button
- ⑩ SuperCool button with LED display, when lit = function is switched on

Air humidity setting **BioFresh** drawer,

Fig. **A2**: Slider to the left = dry, to the right = humid storage atmosphere

Overview of the appliance and options, Fig. A

Fridge section, approx.. 5 °C

- ① Operating and control panel
- ② Butter and cheese compartment
- ③ Fan
- ④ adjustable storage surface
- ⑤ Egg shelf*
- ⑥ split storage surface, can be pushed underneath*
- ⑦ LED light housing
- ⑧ Tall bottle and drinks shelf
- ⑨ built-in bottlerack or glass tray, for various uses

BioFresh compartment, just above 0 °C

- ⑩ Defrost water drain
- ⑪ Drawer for dry or loose food
- ⑫ Drawer with adjustable air humidity
- ⑬ Type plate

Freezer section, approx.. -18 °C

- ⑭ Cold accumulator*
- ⑮ Drawers with information system*

Keep these user instructions in a safe place and, if appropriate, hand them to the next owner of the appliance.
The instructions apply to several models, so may vary slightly.

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Conditions

- The appliance is suited only for cooling food.
In the case of commercial food cooling, the pertinent statutory regulations have to be observed. The appliance is not suited for storing and cooling pharmaceuticals, blood plasma, laboratory preparations or similar substances and products subject to the Medical Devices Directive 2007/47/EC. Any misuse of the appliance may result in damage to or spoilage of the stored goods. Furthermore, the appliance is unsuited for use in areas exposed to an explosion hazard.
- Depending on its climate class, the appliance is designed for operation within certain ambient temperature limits. These upper and lower limits must not be exceeded! The climate class for your appliance is printed on the type plate. The classes are:

Climate class	for ambient temperatures from
SN	+10 °C up to +32 °C
N	+16 °C up to +32 °C
ST	+16 °C up to +38 °C
T	+16 °C up to +43 °C

- The coolant circuit has been tested for seal.
- When installed, the appliance complies with all relevant regulations and the 2006/95/EG and 2004/108/EG (EMV) Directives.

Safety information and warnings

Information concerning disposal




Your fridge/freezer is packed in recyclable packaging.

- Corrugated cardboard/cardboard
- Moulded polystyrene foam
- Polyethylene film
- Polypropylene straps


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- **Do not allow children to play with packaging materials - the film can be a suffocation hazard!**
- Take the packaging materials to a public amenity site.


The old appliance: This still contains valuable materials and should be sent to a special facility, separate from unsorted municipal waste.

- Make sure that the old appliance cannot be used. Remove the plug, cut through the connection cable, and make sure the lock cannot engage, so that children cannot get locked inside. 
- When transporting the used appliance make sure that the coolant circuit cannot be damaged.
- Please see the type plate for information about the coolant.
- The old appliance must be disposed of in a proper manner in accordance with local regulations and legislation.

Technical safety

- To avoid personal injury and material damage the appliance must be transported only in a packed condition, with two people to carry it.
- The coolant, R 600a, is environmentally friendly, but it is flammable. 
- Do not damage the coolant pipes. Coolant emerging in a spray can cause injuries to eyes, or can ignite.
- In the event that coolant should escape, remove any naked flames or sources of ignition in the vicinity of the leak, remove the plug, and ventilate the room well.
- If the appliance is damaged, contact your supplier immediately - before plugging it in.
- To ensure safe operation, the appliance should be assembled and connected only in accordance with the user instructions.
- In the event of a fault, disconnect the appliance from the mains: pull out the plug (do not tug on the cable) or trip/unscrew the fuse.
- **Only customer services should carry out any repairs or interventions on the appliance. A breach of this instruction could cause considerable danger to the user.** The same applies when replacing the mains connection cable.

Safety in use

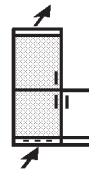
- Do not use the appliance to store explosive materials or aerosol cans with flammable propellants, such as butane, propane, pentane etc. The electrical components could cause any gas emerging from these to ignite. You can recognise aerosol cans of this type from the list of contents printed on them, or from the flame symbol. 
- Always store high-percentage alcoholic drinks in a sealed container, and standing up.
- Do not use a naked flame or other source of ignition to look inside the appliance.
- Do not use any electrical appliances (such as steam cleaners, heaters, etc.) inside the appliance.
- Do not use the base, the drawers, or the doors etc as a step or to act as a support.

* Depending on model and options

- This appliance is not suitable for people (including children) with physical, sensory or mental problems, or for people who do not have sufficient experience and knowledge, unless they are instructed in using the appliance, or are supervised initially by a person who is responsible for their safety. Children must be supervised, to ensure that they do not play with the appliance.
- Avoid continuous skin contact with cold surfaces or with cool and frozen food. This can cause pain, numbness and freezing. If you are likely to have extended skin contact, take precautions, such as wearing gloves.
- Do not consume edible ice, particularly water ice and ice cubes, immediately after you have taken them out of the freezer. The very low temperatures can cause "burning".
- Do not consume food that has been stored for too long, since this can cause food poisoning.

Installation and ventilation information

- When erecting/installing the appliance, make sure that the coolant pipes are not damaged.
- **Do not move the ventilation cross-sections. Always make sure that air can circulate around the appliance for ventilation purposes!**
- To comply with the EN 378 standard the position in which you erect your appliance must indicate a volume of 1 m³ for each 8g of R600a coolant³ so that in the event of a leak from the coolant circuit a flammable gas/air mixture cannot arise inside the room where the appliance is positioned. Please see the type plate inside the appliance for information regarding the quantity of coolant.
- Please also see the appendix of the installation instructions.
- Once the appliance is installed: Remove all the transport safety devices,
 - Remove all sticky tape or spacers* from the shelves and adjust them to the heights you require.
 - Remove all protective film: from the decorative strips and the fronts of the drawers.



Connection

Electric current (alternating current) and voltage

The information on the type plate must conform with the location. The type plate is located inside the appliance on the left, fig.A.

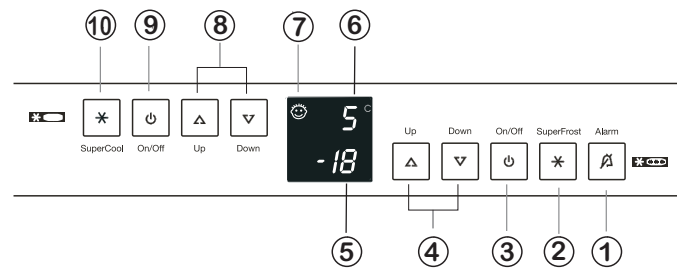


- **The appliance must be connected using a properly installed shock-proof plug.**
- The plug must be fused with a 10A or higher fuse, and must be located outside the rear of the appliance, and must be easy to access.
- The appliance **must not**
 - be connected to stand-alone inverters,
 - be operating in conjunction with so-called energy-saving plugs. This can damage the electronics,
 - be connected via an extension lead and with other appliances - there is a danger of overheating.
- When removing the mains cable from the side of the appliance, remove the **cable retainer** otherwise there could be vibratory noise!

Energy saving information

- Make sure the appliance is in a well ventilated position.
- Open the appliance doors for as short a time as possible.
- Arrange the food in an organised way. Do not exceed stated storage periods.
- Store all food well packed and covered, this avoids frost from forming.
- Allow hot food to cool down to room temperature before placing inside the appliance.
- Allow frozen food to defrost inside the fridge.
- In the event of a fault, keep the door closed. This delays the cold loss. The quality of the frozen food will keep for longer.
- If there is a thick layer of frost in the appliance: defrost the appliance.

Putting into operation and controls



We recommend that you clean the appliance before putting it into operation, please see the section on "Cleaning" for further information.

The appliance should have been operating for about 2 hours before you stock it with frozen food. Only place frozen food in the freezer once the temperature has reached at least -18°C.

Switching on and off

The entire appliance is always switched on at the main on/off switch ③, both the freezer and the fridge sections.

- **Switching on:** Press the on/off switch ③ so that the temperature displays light up/flash.
- **Fridge section with BioFresh Compartment:** The inside light comes on when the door is open.
- **Freezer section:** While the appliance is being put into operation, and it is still warm, the freezer section display indicates **dashes** until the temperature goes below 0°C.
- **Switching off:** Hold the main on/off switch ③ for about a second, so that the temperature display turns dark.
- If you only wish to switch off the **fridge / BioFresh section** (the freezer stays switched on, useful if going on holiday for example) then press the **on/off switch ⑨** so that the temperature display **on the fridge ⑥** and the interior light goes off. The temperature display on the **freezer ⑤** **must remain lit.**

Setting the temperature

The appliance is set as standard for normal operation; in the fridge section we recommend +5°C, and for the freezer -18°C.

Reducing the temperature/colder: Press the relevant **Down**-button, on the left for the fridge: ⑧, on the right for the freezer: ④.

Increase temperature/warmer: Press the relevant **Up**-button.

- While you are making the adjustment the **set value** display flashes.
- The first time you press the temperature setting button, the current **most recent setting value (= nominal value)** appears on the display.
- If you it press again briefly, the set value changes in 1°C steps, and if you hold it down, will continue to change.
- About 5 seconds after the final touch of the button, the electronics automatically change the setting, and the **actual** freezer or fridge temperature (= **actual value**) is displayed.

The temperature can be adjusted in the

- **fridge section:** from 9 °C to 4 °C, in the
- **freezer section:** from -16 °C to -26 °C.

It depends on where the appliance is located as to whether the lowest temperature will be reached, in high ambient temperatures, it may not be possible to achieve the lowest temperature.

Note

If the temperature is to be colder than 4°C:

- Set the cooling temperature to 4°C
- Set the BioFresh temperature to a value between b4 (slightly colder) and b1 (coldest), (see section on setting the temperature in the BioFresh compartment, "Additional functions").

- The temperature is automatically regulated in the **BioFresh compartment** between 0 and 3 °C. If you want this to be warmer or colder, for example to store fish, then you can alter the set temperature in the BioFresh

compartment. For more information see the section entitled "Additional functions".

Temperature display

In normal operation:

- the **average temperature inside the fridge** is ⑥ and
- the **warmest temperature of frozen food** ⑤ is displayed.

The display flashes, if you

- change the temperature setting, or
 - if the temperature rises by several degrees, indicating a loss of cooling capacity, for example warm air can temporarily raise the temperature when you open the door to store fresh "warm" food, or to remove or sort out frozen items. Once you have finished placing items in the fridge, or sorting out the items, the electronics automatically adjust the temperature to the most recent setting. A short-term increase in temperature will not affect the frozen food.
- If the display is showing "F 0" to "F 5" the appliance has a fault. Please contact your customer services, and inform them about the indication. This will make it possible to provide fast and accurate service.

Alarm - audible signal

The audible warning signal will help you to protect your stored frozen food, and to save energy.

- **The audible signal can be shut off** by pressing the alarm off button ①, automatically once it reaches a temperature sufficient for storing the food safely

Temperature alarm (for freezer section)

- This always sounds if the freezer temperature is not cold enough (it depends on the temperature setting).
- **The temperature display flashes at the same time.**

This can happen when

- warm, fresh food has been put into the freezer,
- too much warm air gets in while you are sorting out the freezer or removing items.

The temperature display **continues to flash** until the alarm situation has ended. It then switches from flashing to continuous light. The audible signal is then automatically reset **ready for operation**.

SuperCool

You can use the SuperCool button to switch the refrigerator to its maximum cooling power.

We particularly recommend that when freezing **large** quantities of food, drinks, freshly baked cakes or meals, they should be frozen as quickly as possible.

- **Switching on:** Briefly press the SuperCool button (⑩) so that it lights.

The cooling temperature goes down to the lowest value.

Note: "SuperCool" uses slightly more energy. However after 6 to 12 hours, the electronics system **automatically** switches back to normal power-saving operation.

If necessary you can also switch on the "SuperCool" function earlier.

- **Switching off:** press again briefly, until the button light goes out.

Power failure/"FrostControl" display

If appears in the display "nA", this means that: the freezer temperature has risen too **high** during the last few hours or days due to a power failure.

- If you press the audible warning on/off button ① whilst the display is reading "nA", the **highest** temperature registered during the power failure will be displayed. Check the quality of the food and its suitability for consumption in case it has become too warm or even defrosted.
- The highest temperature will appear for approx. 1 minute. After that, the actual temperature in the freezer will re-appear. The display can be switched off by repeatedly pressing



the audible warning on/off button. Once the power is re-instated, the appliance will continue to operate at the most recent temperature setting.

Additional functions

You can use the setting mode to set the **child lock**, alter the **brilliance of the displays*** and set the temperature inside the **BioFresh compartment** to be slightly colder or warmer.

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Activating the setting mode:

- Press the SuperFrost button for about 5 seconds - the SuperFrost button flashes - the display indicates **c** for child lock. **Note:** The value you are about to alter is flashing.
- Press the Up/Down button to select the function you want:
 - c** = child lock,
 - h** = brilliance or
 - b** = BioFresh temperature.
- Now briefly press the SuperFrost button to select/confirm the function:
 - For **c = child lock** press the Up/Down button **c1** = child lock **to switch on** or **c0** = child lock **to switch off** and confirm with the SuperFrost button. When the symbol ⑦ is lit, the child lock is active.
 - For **h = brilliance** select the Up/Down button **h1** = **minimum** to **h5** = **maximum** brilliance select and confirm with the SuperFrost button.
 - For **b = BioFresh temperature** select by pressing the Up/Down button between **b1** = **coldest** to **b9** = **warmest** value and confirm by pressing the SuperFrost button. The BioFresh temperature gradually adjusts to the new value. **Note:** **b5** = pre-setting. If you alter this to colder, **b4** to **b1**, it is possible to obtain a minimum temperature, and the food in the BioFresh compartment could freeze slightly.



Quitting the setting mode:

- Press the On/Off button to quit the setting mode; the electronics setting switches after a period of 2 minutes.
- Normal regulated operation is active again.



Fridge section

Organising food storage

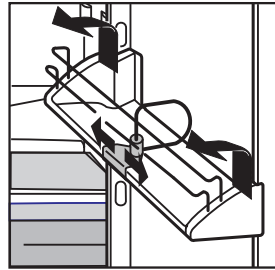
The warmest part of the fridge is the top at the front and in the door.

Information about keeping food cool

- Store food in such a way that the air can circulate freely, i.e. do not pack too tightly. Do **not** cover the ventilation grilles* on the rear wall - this is important for the cooling capacity!
- Always keep food that can give off or take on slight smells or tastes, such as liquids, in airtight containers, or keep them covered.

Changing the layout

- You can adjust the **preserves rack*** and remove all the door racks for cleaning: Push up the rack, pull forwards to remove, and reinstall in reverse order.

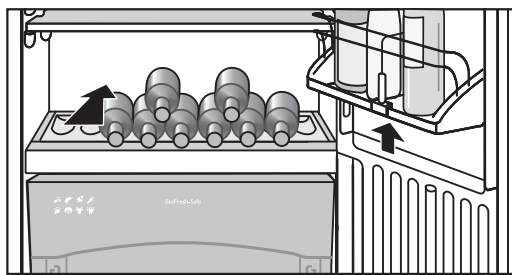
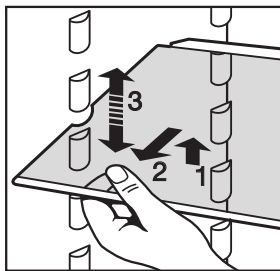


- By shifting the **bottle and preserves rack** you can secure bottles from tipping out when you open and close the door, to do this make sure you always use the plastic retainer!

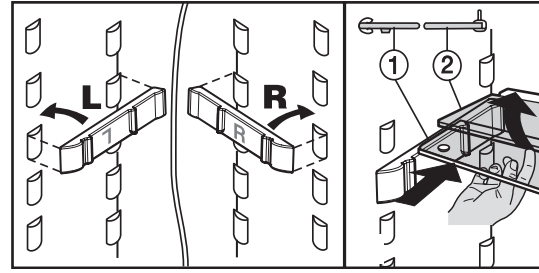
You can move the retainer for cleaning: pull the lower edge of the retainer forwards, and disengage it from the rack.

- You can adjust the **shelves/glass plates*** to suit the height of the food container.:

- Lift up the glass tray pull out the recesses above the tray and push back in a higher or lower position.
- An end stop prevents the glass plates* from being pulled out inadvertently.
- Always insert the short* glass plate at the top, in front of the fan, underneath the freezer compartment.



- You can use the bottom of the fridge either for the integral **bottle rack** for extra drinks, or the **glass plate to serve as** extra shelving.
- If you are using the bottle rack, you can store the glass plate underneath the bottle rack to save space. If the bottles protrude beyond the rack, **set the lower door shelf one position higher!** Store bottles so that the bottom of the bottles is pointing backwards to the rear wall.
- Use the front surface of the fridge base **only for short term food storage** for example if you are moving things around, or sorting out the fridge. This makes it easier to handle. However do **not** allow items to stand, otherwise they will be pushed back, or tip over when the door is close.



- The **half glass plates** provide space for tall containers: Insert the rails supplied onto the shelf notches at the desired height on the left and right, checking that the right (R) and left (L) sides are appropriately inserted. Slide in the glass plates ① / ②. The glass plate ② with the stopper edge must be at the back!

BioFresh compartment

The BioFresh makes it possible to keep several **fresh foods** up to three times as long, while maintaining the same quality as for conventional refrigeration. The food retains a high degree of taste, freshness, enjoyment and nutritional values (C and B vitamin content). The automatically adjusted storage temperature just below 0°C and the self-regulated air humidity ensure that the various food items are kept in the ideal conditions.

The upper drawer,

Fig. A, is suitable for storing **dry or packaged** food (such as dairy products, meat, fish, sausage). This drawer is kept in a relatively **dry** storage environment.

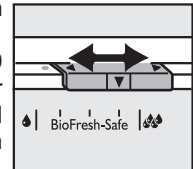
The adjustable drawer,

Fig. A at the "humid" setting is suitable for storing salads, vegetables, and fruit. If the drawer is well filled, a dewy fresh environment is created, with air humidity up to a maximum of 90%.

This drawer **can be** used with the dry or the humid setting, as required.

Adjusting the humidity, Fig. A2:

- "dry": **small humidity symbol**- push slider to the left. Make sure that you store appropriate food when the drawer is adjusted to the dry setting.
- "humid": **high relative humidity of max. 90%**, **large humidity symbol**- push the slider fully to the right. Useful for unpacked food with a high intrinsic humidity, such as fresh leaf salad.



Notes

- The humidity inside the drawer depends on the humidity content of the food inside it, and the frequency at which it is opened.
- When you are shopping, check the "freshness" of the food. The degree of freshness and quality of the item are crucial to the time it can be kept.
- Keep unpacked meat and vegetables separate, organise and sort them into the drawers. If, due to lack of space, you have to store them together keep them in their packed condition! Do not allow different types of meat to be in contact with one another, keep them separate by their packaging; this will avoid meat going off due to contamination with micro-organisms.
- Be aware that food that is rich in protein will go off more quickly, i.e. shell fish (crab, lobster) will go off more quickly than fish, and fish more quickly than meat.
- Remove food from the drawers some time before you are going to consume it. The aroma and taste develop at room temperature, increasing enjoyment of the food.

- **The following should not** be stored in the BioFresh compartment: vegetables susceptible to the cold, such as cucumbers, paprika, aubergines, avocados, semi-ripe tomatoes, beans, courgettes and all tropical fruit susceptible to cold.

Storage times

for food in the BioFresh compartment:



Dry setting

butter	up to	90 days
cheese, soft	up to	20 days
milk, fresh	up to	12 days
sausage, cold cuts	up to	9 days
fish	up to	4 days
shellfish	up to	3 days
poultry	up to	6 days
pork		
large portions	up to	7 days
cut up	up to	5 days
beef	up to	7 days
game	up to	7 days



Humid setting

Vegetables, salad

artichokes	up to	14 days
asparagus	up to	18 days
broccoli	up to	13 days
Brussels sprouts	up to	20 days
carrots	up to	80 days
cauliflower	up to	21 days
celery	up to	28 days
chicory	up to	27 days
curly kale	up to	14 days
fennel	up to	21 days
garlic	up to	160 days
green onions	up to	7 days
herbs	up to	13 days
iceberg salad, endives,		
lamb's lettuce	up to	20 days
kohlrabi	up to	55 days
leeks	up to	29 days
lettuce	up to	13 days
mushrooms	up to	7 days
peas	up to	14 days
radicchio	up to	21 days
radishes	up to	10 days
savoy cabbage	up to	20 days
spinach	up to	13 days

Fruit

apples	up to	80 days
apricots	up to	13 days
bilberries	up to	9 days
blackberries	up to	3 days
cherries	up to	14 days
black and red currants	up to	7 days
dates (fresh)	up to	180 days
figs (fresh)	up to	7 days
gooseberries	up to	13 days
grapes	up to	29 days
kiwi fruits	up to	80 days
peaches	up to	13 days
pears	up to	55 days
plums	up to	20 days
quinces	up to	90 days
raspberries	up to	3 days
rhubarb	up to	13 days
strawberries	up to	7 days

Freezer compartment

SuperFrost

Fresh food must be deep frozen as quickly as possible and frozen food already in storage must have a "cold reserve". This allows the SuperFrost device to work. It is the best way of maintaining the nutrition, appearance and taste of frozen food.

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- Only the maximum number of kilograms of fresh food as stated on the type plate under "freezing capacity ...kg/24h" should be frozen in a 24 hour period, Fig. **A3**, item ④. This maximum amount for freezing depends on the model and climate class.

Freezing with SuperFrost

- Briefly press the SuperFrost button ② so that the LED lights up.
The freezing temperature is reduced, and the appliance is operating at the maximum freezing capacity.
- If the amount you are freezing is fairly small, wait for approximately 6 hours. This is usually enough. If you are freezing the **maximum** quantity, see the type plate under freezing capacity, you should wait for approximately 24 hours.
- Then place the fresh food inside, preferably in the upper drawers.
- SuperFrost switches off **automatically**. Depending on the quantity stored, as required, at the earliest after 30 hours, and maximum after 60 hours. Freezing is finished when the **SuperFrost LED has gone out** - the appliance is now operating in normal energy-saving mode.

Note: Do **not** switch on SuperFrost:

- if you are storing items that are already frozen,
- if you are storing up to 2 kg of fresh food every day.

Freezing and storage information

- **The following are suitable for freezing:** Meat, game, poultry, fresh fish, vegetables, fruit, dairy products, bread, cakes, prepared meals.
The following are not suitable: lettuce, radishes, grapes, whole apples and pears, fatty meat.
- **Suitable packing items** are standard freezer bags, re-usable plastic, metal and aluminium containers.
- Do not allow food about to be frozen to touch already frozen items. Make sure the packs are dry to prevent them from freezing together.
- Always write the date and contents on the packs, and do not store for longer than the recommended storage period in order to maintain the quality.
- Always pack food that you are freezing yourself into portions to suit your household. Do not exceed the following quantities in each pack, to ensure that the contents will freeze quickly to the core:
 - Fruit, vegetables, up to 1 kg,
 - Meat, up to 2.5 kg.
- After washing, blanch portions of **vegetables** (2-3 minutes in boiling water, remove and plunge into cold water to cool. If you use a steamer or microwave to blanch, please follow the instructions for the appliance concerned).
- Do not salt or season fresh food and blanched vegetables before freezing. Other foods should be only slightly salted and seasoned. The strength of the taste of some seasonings can change.
- Do not freeze drinks bottles and cans containing carbon dioxide. They might explode. If you wish to cool drinks very quickly, always remove them from the freezer within one hour at the latest!

* Depending on model and options

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- **For storage:** Each drawer or storage shelf can be loaded with **max. 25 kg** of frozen food.
- Always store the same type of food together, this means you do not need to keep the door open for an unnecessarily long time, and saves energy.
- Do not exceed stated storage periods.
- **To defrost** only remove the amount you need for now. You should use defrosted food to make a meal as quickly as possible.
You can defrost the frozen food:
 - in the oven/fan oven
 - in the microwave
 - at room temperature
 - in the fridge, the coldness of the item is used to keep the food cool.

The cold accumulators*

In the event of a power failure these prevent the temperature from rising too quickly - the quality of the food is better retained.

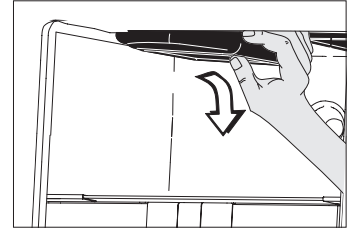
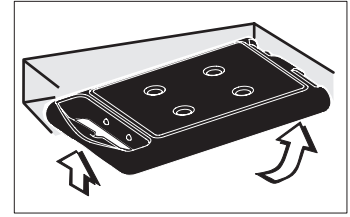
Freeze and store the cold storage accumulators in the ceiling of the freezer compartment

● Inserting the cold accumulators:

Remove the topmost drawer. Insert the cold accumulator into the top rear of the freezer section roof and engage in a forward direction.

● Removing the cold accumulators:

Remove the upper drawer. Grasp the cold accumulator at the side and push downwards.



The Information System*

Prepared meals	2-6	Sausage
Ice cream		
Fish	4-8	Mushrooms
Pork		Game
Vegetables	6-12	Poultry
Fruit		Beef/veal

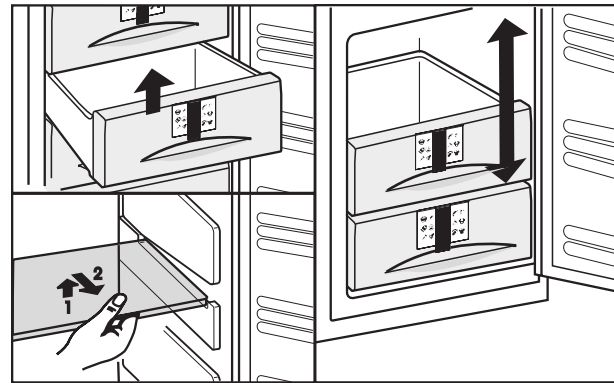
Frozen food should be consumed within the recommended storage periods.

The figures between the symbols shows the storage period in months for each of several types of frozen food.

The storage periods shown here are guidelines for freshly frozen food. It depends on the quality of the food and how it has been handled prior to freezing as to whether the upper or lower limit should apply. For fatty food, the lower value must always apply.

VarioSpace*

- If you remove one of the drawers and the shelf, you can gain 2



drawers' worth of space for larger items. For example you can store poultry, large joints of meat and game without having to split them, so you can keep the joint "whole". You can store cakes and packs of ice.

- **Take a drawer out as far as the stop** and lift forwards and upwards.
- **Lift up the storage surface**, forwards and upwards .
- To replace, proceed in reverse order: proceed in reverse order simply push in the shelf as far as the stop.

Defrosting, cleaning

Defrosting

The fridge compartment defrosts automatically. The defrosted water evaporates through the heat of the compressor.

- All you have to do is make sure that the defrost water can run off freely through the drain on the rear wall behind the vegetable drawers

The freezer compartment

can form a layer of frost and ice after extended periods of use, depending on how often the door is opened, and the amount of "warm" food placed inside. This is completely normal.

However a thick layer of ice will increase power consumption. For this reason you should defrost the appliance regularly:

- One day before you are going to defrost the freezer, switch it to "SuperFrost", to ensure that the food obtains a "cold boost".
- To defrost: Remove the plug or press the freezer on/off switch, so that the temperature display goes out. If the display does not go out, the child lock is on.
- Place the frozen food, still inside its drawer, with cold accumulators placed on top, and wrapped in newspaper or covered with a cover, in a cool place.
- To accelerate the defrosting process, you can place a bowl of hot, but not boiling water, on a shelf.

Do not use an electric heater or steam cleaner, defrost spray, open flames or metal objects to remove the ice. You can cause injury to yourself and damage the appliance!

- Leave the drawers and the freezer door open while you are defrosting. Soak up any defrost water in the bottom with a sponge or cloth. Then clean the appliance and pat it dry.

Cleaning

- **Before cleaning you should, in principle, put the appliance out of operation. Remove the mains plug or remove the fuses or trip the fuse switch**

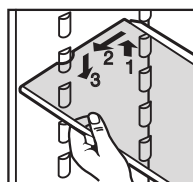


- Manually wash the inside and the components with luke warm water, and a little washing-up liquid. Do not use a steam cleaner - you can injure yourself and damage the appliance!
- We recommend using a soft cloth and an all-purpose detergent with a neutral pH value.
- Do not use abrasive scourers, do not use undiluted detergent and never use cleaning agents or chemical solutions containing sand, chloride or acid.
- Make sure that the cleaning water does not get into the drain, ventilation grille or the electric parts. Rub the appliance dry.
- Do not damage or remove the type plate inside the appliance - it is important for customer services.

- Wash shelves, glass plates and other options by hand.

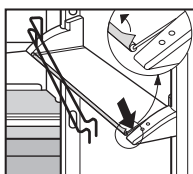
- Remove the shelves as shown in the illustration:

- Lift the glass shelf, pull out the recesses above the supports, lower to one side, and remove at an incline.



- Always insert the shelf surfaces with the stopper edge to the rear and pointing upwards, otherwise food may freeze to the back wall.

- If you want to remove the **top** door rack (butter and cheese compartment), always lift it out together with its lid*. Then carefully push one side of the rack outwards, until the lid pin is disengaged and the lid can be removed to one side..



- You can dismantle the racks and door racks for cleaning - you can pull the strips and side components away from the glass tray.
- Remove the protective film from all the decorative strips, fig.
- To clean the **BioFresh drawers** ① pull them out completely and and lift them upwards (Fig. L). **Caution: to avoid damage, push the extended rails back in immediately** ③.
- To replace, set the drawers back on to the extended rails and just push them in (fig. M).

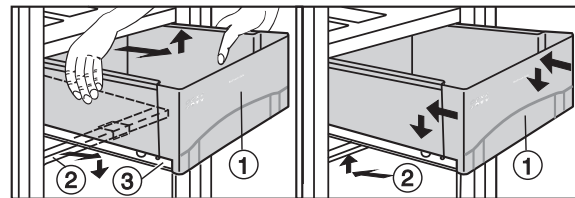
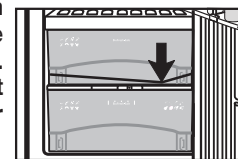


Fig. L

Fig. M

- Carefully pull the **lid of the drawer** with humidity control ② forwards when the drawers have been taken out and remove downwards. Proceed in reverse order to replace, insert the pins on the lid into the holders, and engage.

- You should regularly clean the **drain opening** on the rear wall behind the second BioFresh drawer, **arrow in fig. If necessary clean it out with a soft thin object, such as a cotton bud or similar.**



- Then reconnect the appliance, or switch it back on.

If the appliance **is going to be out of use for an extended period of time** empty it of all its contents, remove the plug, and clean it as described above and leave the appliance door open to prevent odours from forming.

* Depending on model and options

Faults - problems?

Your appliance is designed and manufactured so that it will operate safely and will have a long service life.

However if a fault should occur while it is in operation, please check whether the fault might have been caused by an operating error, because should this be the case, then you will be charged for the cost of any repairs during the guarantee period.

You can fix the following faults yourself by checking for the likely cause:

fault - possible cause and remedy

The appliance is not working, the display is not lit

- Has the appliance been switched on properly?
- Is the plug inserted correctly in the wall socket?
- Is the fuse in the plug working correctly?

The interior light does not go on

- Has the refrigerator section been switched on?
- Has the door been open for longer than 15 minutes??
- The bulb is faulty.

Mains voltage



Caution! To prevent injury and material damage, any repairs and replacements to the interior LED lights must be carried out only by customer services.



Careful - class 1M laser beam. If the cover is open, do not look directly inside with an optical instrument.

The noise is too loud

- Is the appliance firmly positioned on the floor, are nearby kitchen units or objects vibrating as a result?
Make sure that bottles and containers are not touching.
- It is normal for: **trickling**, bubbling or splashing sounds to occur; these are from the coolant flowing through the coolant circuit.

A slight **clicking will occur**, this always happen when the fridge motor switches itself on and off automatically.

A **humming noise from the motor**. This is a little louder for a very short time when the unit switches on. When SuperFrost is switched on, when food has been recently stored or if the door is open for a long period, the cooling capacity automatically increases. A deep humming noise is caused by **the noise of air flowing** through the fan.

The alarm has sounded, the temperature is not low enough

- Is it possible that you have stored too much fresh food **without** switching on SuperFrost? (see section on "SuperFrost")
- Is the door properly shut?
- Is there sufficient ventilation?
Ensure that the vents are not blocked.
- Is the ambient temperature too high? (see section on "Conditions")
- Have you opened the appliance too frequently and for too long?
- Wait to see if the appliance goes back to the required temperature by itself.

nF appears on the display

- A power failure or power cut has occurred, proceed as explained in the section entitled "Power cut/FrostControl display"

The compressor runs for a long time

- This is completely normal and necessary on energy-saving models. The speed regulated* compressor switches to a lower speed when it requires a lower cooling capacity. Although this means that the running time increases, to almost permanent, in fact it is saving energy.

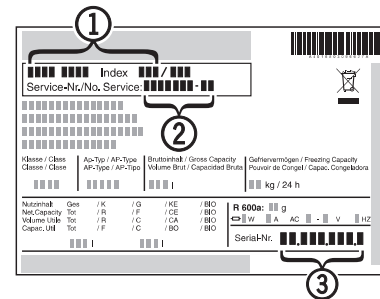
Customer services and type plate



If none of the above causes is present, and you cannot fix the fault yourself, or if the temperature display is showing "FO" to "F5" this means that: there is a fault. You should contact your nearest customer services point (see directory enclosed). Tell them of the fault message **on your display** and also the

designation of your appliance ① **Index** ②,

Serial no. ③

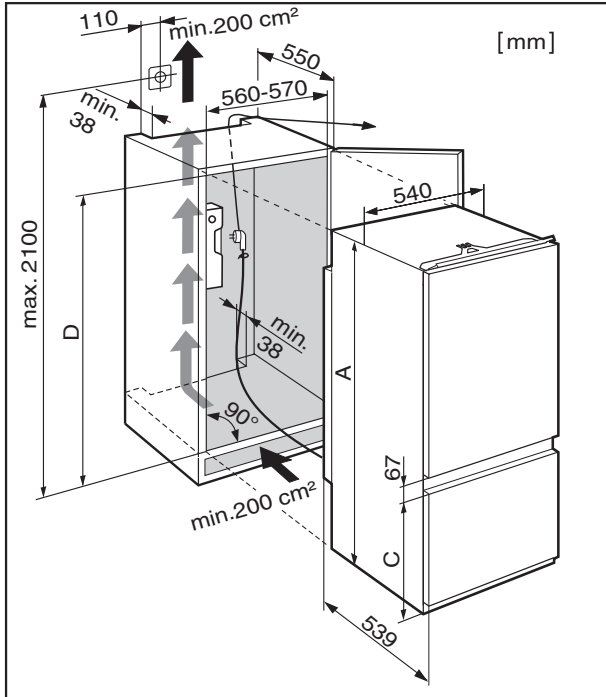


of the type plate. This will make it possible to provide fast and accurate service. The type plate is located on the operating side of the machine.

Keep the appliance closed until customer services can come to avoid any further loss of cold.

Installation instructions

Keep these installation instructions in a safe place and, if appropriate, hand them to the next owner of the appliance.
The instructions apply to several models, so may vary slightly.
You will also need the following tool for the installation: Torx screwdriver [®]15, 20, 25, 30, scissors, cordless screwdriver





Installation notes and dimensions

- Check the dimensions :

	A	C	D
ICBS 31	1769,5	523	1772-1788

- Use a spirit level to ensure that the unit cupboards, and if appropriate, the unit doors are level. If necessary, even it out by using base cauls. The base and walls of the kitchen unit must be at right angles to one another.
- The fridge/freezer must be installed only inside solid kitchen fittings.
- It is essential that the ventilation cross-sections are maintained:
 - The ventilation shaft at the rear of the unit must be at least 38 mm deep.
 - A minimum of 200 cm² is necessary for the ventilation cross-sections at the base of the unit and the surrounding unit. In general the following applies: the larger the ventilation cross section, the more energy the appliance will be able to save.

Before starting the installation:

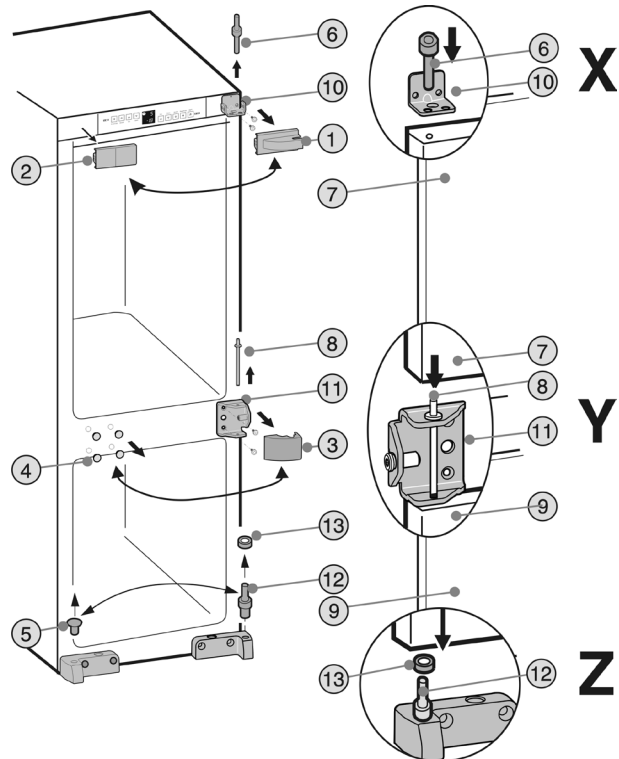
- Remove the mains cable holder from the back of the appliance. 
- Use a cord to lay the mains cable. 

Replacing the door stop

If necessary you can change the door stop, please see further instructions from "Fixing into the kitchen unit"

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- To make it easier to fit, push the appliance three-quarters of the way into the niche



- Lift the cover components ① , ② ③ ④ and ⑤ .
- Screw the upper bearing bolt ⑥ out of the fridge door ⑦ .
Caution: Make sure the fridge door cannot tilt outwards.
- Tip the fridge door ⑦ slightly forwards and lift upwards.
- Remove the middle bearing pin ⑧ .
Caution: Make sure the freezer door cannot tilt outwards
- Lift up the freezer door ⑨
- Screw off the upper ⑩ and centre ⑪ bearing block and use the same screws to screw them onto the other side.
- Place a washer on the lower bearing bolt ⑫ ⑬ .
- Refit the freezer door ⑨ :
position at the bottom onto the bearing bolt ⑫ and washer ⑬ ,
see detail Z. Insert the the middle bearing pin ⑧ through the centre of the bearing block ⑪ into the door, **detail Y**
- Refit the fridge door ⑦ :
place on the centre bearing bolt ⑧ , **detail Y.**
Insert the upper bearing bolt ⑥ through **the outer** hole in the bearing block ⑩ and into the door bearing on the fridge door ⑦ and fasten tightly, **Detail X**
- Re-attach the cover components to each of the opposite sides rotated by 180°

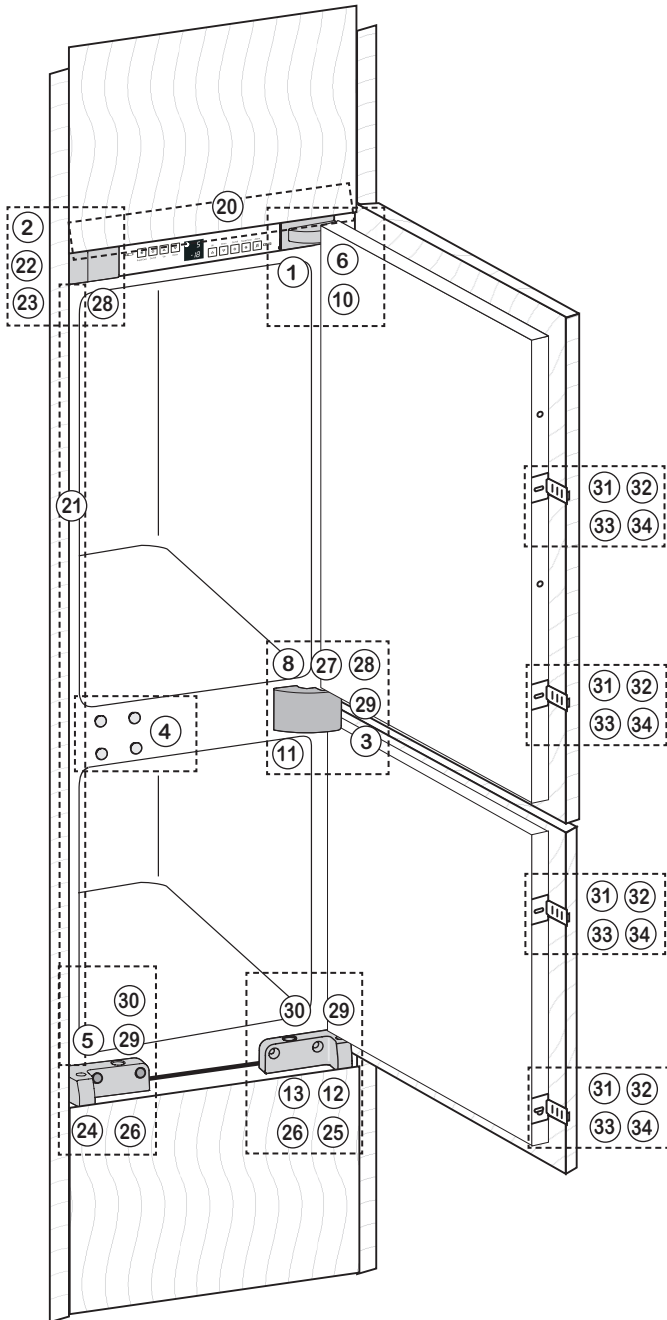
! WARNING













Risk of injury if the door tips!

- If the bearing parts have not been sufficiently tightened the door can tip outwards. In addition the door may not close, meaning that the appliance does not cool properly.
- Screw on the bearing brackets/bearing pins tightly to **at least 4 Nm.**
 - Check all of the screws and retighten if necessary.

* Depending on model and options

An overview of the fasteners and how they are used on the appliance

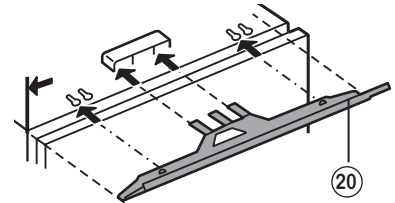


 1x	 1x
 1x	 2x Torx® 25 \varnothing 4,8 x 16
	 1x Torx® 15 \varnothing 4 x 19
	 4x
	 4x Torx® 15 \varnothing 3,9 x 9,5
	 4x
	 12x Torx® 15 \varnothing 4 x 14
 3x Torx® 15 \varnothing 4 x 36	 2x
	 1x

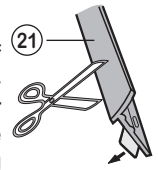
Fixing into the kitchen unit

- All the fastening elements* are supplied with the appliance.
- Push the appliance three quarters of the way into the kitchen unit

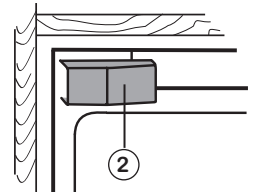
- Fit the shim (20) on the handle side flush with the side wall of the appliance: Push into the rack and hook into the key holes



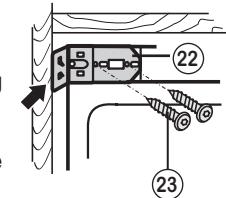
- Glue the cover strip (21) on the handle side and flush with the side wall of the appliance: Pull off the protective film and glue on the rubber gasket. If necessary cut the lower end of the rubber gasket to suit the height of the niche. Position the rubber gasket accurately underneath the fixing bracket (22).



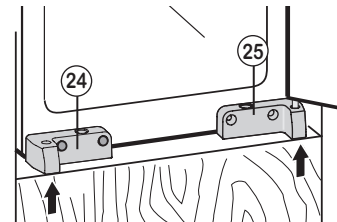
- Take off the cover (2)
- **When assembling for the first time:** Remove the cover (3) from the centre bearing block (1)



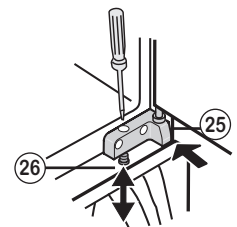
- Screw on the fixing bracket (22) using the screws (23)
- Push the appliance into the niche. Take care of the mains cable!



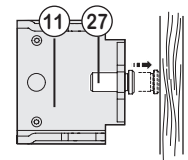
- Align the appliance with regard to its depth .
- Align the front edge of the bearing blocks (25) and (24) and
- of the fixing bracket (22) so that it is flush with the front edge of the floor and side walls of the kitchen unit.



- Align the appliance with regard to its depth: using the adjustment screws (26) in the bearing blocks (24) and (25)



- Bring the adjusting screw (27) in the centre of the bearing block (1) to the stop at the side wall of the kitchen unit.
Caution: Turn the adjusting screw (27) very carefully to the required setting, in order to avoid damaging the kitchen unit wall

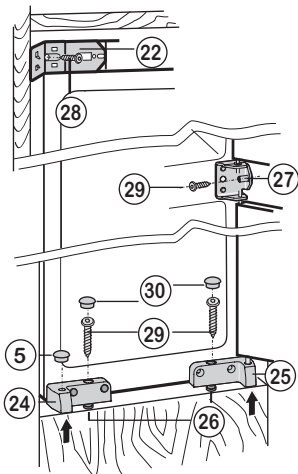


- Use chipboard screws to fasten the appliance (23)/(29) into the niche at the top using the fixing bracket (22), so that the appliance is pressing against the kitchen unit wall.

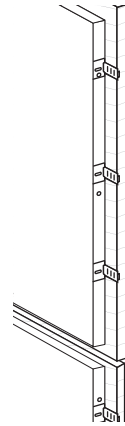
In the centre, using fastening screw (27) with screw (29)

At the bottom using the adjusting screws (28) in the bearing block (24) and (25).

- Make sure that all screw fastenings are firmly seated!

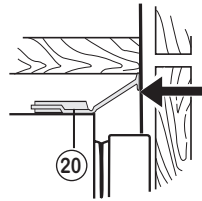


- For large or split doors, if necessary another door link may be required!



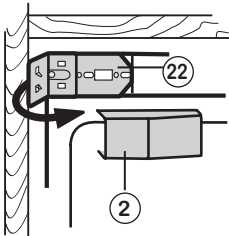
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- If necessary, adjust the shim (20) by pushing it parallel to the roof of the kitchen unit - it must not protrude.

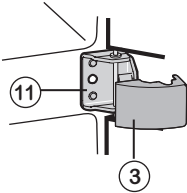


- Fold in the side section of the fixing bracket (22)

- Engage the cover (2) again
- Seal all the holes with plugs (30) and (5)



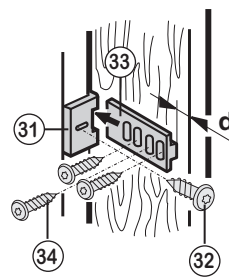
- On the centre bearing block (11) engage the cover (3)



- Fit the door link component (31), according to the height of the handle and the split door, using screw (32).

- When the door is fully open push in the link rails (33) and screw it on to the door of the kitchen unit using screws (34). Maintain distance **d** to the outer edge of the unit door, **d = thickness of the kitchen unit wall**.

- Adjust the door link so that on the handle side, the door of the unit is not touching the body of the unit (maintain a distance of approximately 1 mm).



The manufacturer is constantly developing and enhancing all types and models. Please therefore understand that we reserve the right to make changes to the shape, options and technology used.

* Depending on model and options

Liebherr Hausgeräte Ochsenhausen GmbH * Memminger Strasse 77-79 * D-88416 Ochsenhausen ** www.liebherr.com