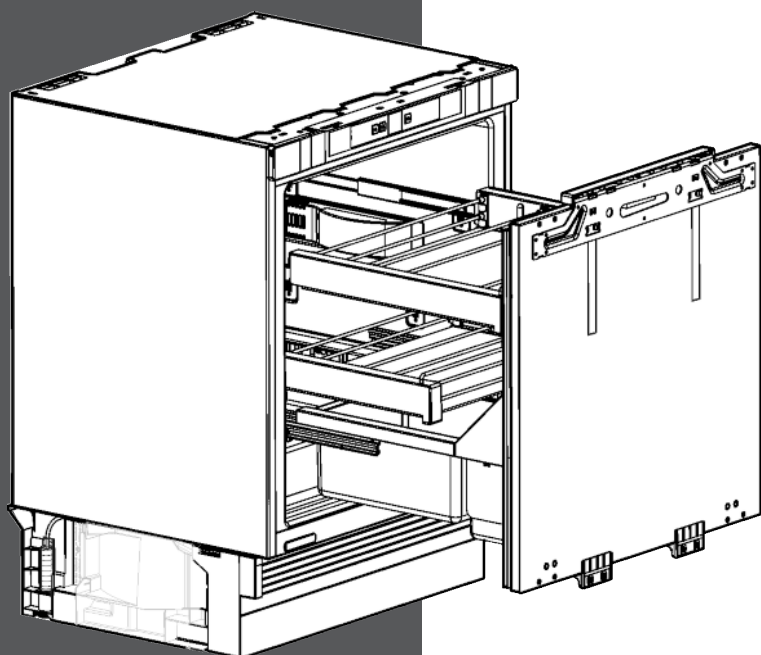


# **LIEBHERR**

## **Instructions for use and installation**



**UPR 503**  
**270416 7086454 - 00**

# The appliance at a glance

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Congratulations on the purchase of your new appliance. With this purchase, you have chosen all the advantages of the latest refrigeration technology, guaranteeing you a high-quality appliance with a long life span and high operating safety.

The equipment of your appliance gives you the highest level of day-to-day ease of operation.

Together we are making an active contribution to the conservation of our environment by purchasing this appliance which is manufactured in an environmentally friendly process with the use of recyclable materials.

We hope you enjoy your new appliance.

The manufacturer is constantly working to improve all models. Therefore please understand that we reserve the

right to make design, equipment and technical modifications.

To get to know all the benefits of your new appliance, please read the information contained in these instructions carefully.

The instructions apply to several models, so there may be differences. Sections which only apply to certain appliances are indicated with an asterisk (\*).

**Instructions for action are marked with a ►, the results of action are marked with a ▷.**

## 1 The appliance at a glance

### 1.1 Additional benefits

- Large refrigeration capacity
- Bright LED interior light
- Integrated transport grips on appliance housing
- Easy to clean

### 1.2 Overview of the appliance and accessories

#### Note

- Arrange food as shown in the picture. This arrangement allows the appliance to work more efficiently, thus saving energy.
- Shelves, drawers, and baskets are arranged for optimal energy efficiency in the factory configuration.

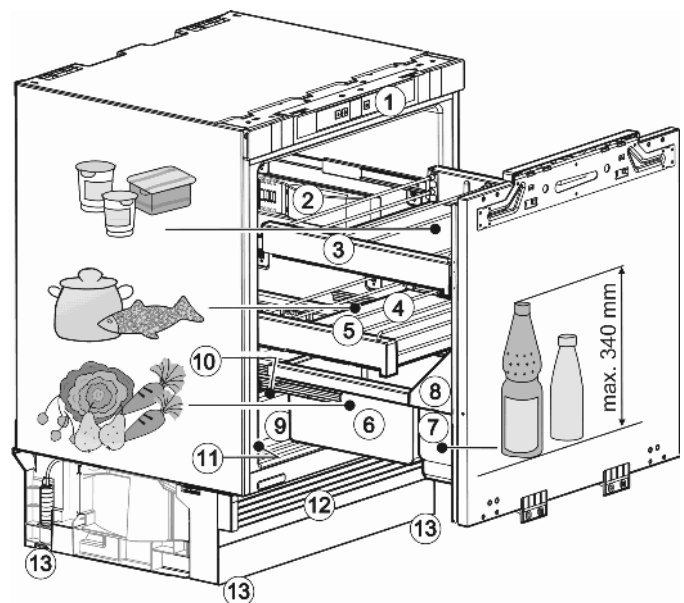


Fig. 1

- |                                |                                       |
|--------------------------------|---------------------------------------|
| (1) Control panel              | (8) Adjustable door                   |
| (2) Interior light*            | (9) Storage space in the floor recess |
| (3) Pull-out rack              | (10) Defrost drain                    |
| (4) Adjustable supporting bars | (11) Rating plate                     |

- (5) Pull-out rack, coldest zone
- (6) Vegetable drawer
- (7) Bottle shelf
- (12) Adjustable plinth panel
- (13) Front and rear adjusting feet

## 1.3 Range of appliance use

### Normal use

The appliance is only suitable for cooling food for residential or other similar environments. This includes the following types of uses

- in staff kitchens, bed and breakfasts,
- by guests in country homes, hotels, motels and other types of accommodations,
- for catering and similar wholesale services.

The appliance is suitable for integrated under worktop use

All other types of uses are not permitted.

### Foreseeable misuse

The following uses are specifically prohibited:

- Storage and cooling of medication, blood plasma, laboratory preparations or similar substances and products in accordance with the CMDCAS and FDA 510(k)
- Use outdoors.
- Use in moist areas exposed to the rain.
- Use in areas at risk of explosion

Incorrect appliance use can cause damage to the stored products or cause them to spoil.

### Climate ratings

The appliance is set to operate within specific ambient temperature limits according to its climate rating. The climate rating for your appliance is printed on the rating plate

### Note

- To guarantee trouble-free operation, comply with the indicated ambient temperatures.

Climate rating	for ambient temperatures from
SN	50 °F (10 °C) to 90 °F (32 °C)
N	61 °F (16 °C) to 90 °F (32 °C)
ST	61 °F (16 °C) to 101 °F (38 °C)
T	61 °F (16 °C) to 110 °F (43 °C)

## 1.4 Conformity

The refrigerant circuit has been tested for leaks. When installed, the appliance complies with the relevant safety

regulations and the safety standards CAN/CSA-C22.2 No. 60335-1-11, 60335-2-24-06 and UL 60335-1, UL 60335-2-24.

## 1.5 Energy saving

- Always ensure good ventilation. Do not obstruct ventilation openings or grilles.
- Do not install the appliance in direct sunlight or next to an oven, heater, or similar heat source.
- Energy consumption depends on installation conditions such as the ambient temperature (see 1.3). If the ambient temperature differs from the standard temperature of 25 °C, energy consumption can change.
- Avoid opening the appliance door for any longer than necessary
- The lower the temperature is set the higher the energy consumption.
- Store food logically (see The appliance at a glance).
- All food stored in the appliance should be well wrapped and covered. This prevents frost buildup.
- Only take food out for as long as necessary so that it does not get too warm.
- Insertion of warm foods: first let the food cool down to room temperature.

## 2 General safety information

Read and follow these instructions. They contain safety advice which is important for safe and problem-free installation and operation. Always read and follow the safety advice.

### Dangers for the user:

- This appliance can be operated by children 8 years and older as well as by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they are supervised or have been instructed in the safe use of the appliance and understand the associated risks. Children must not play with the appliance. Cleaning and user maintenance must not be performed by children unless they are supervised.
- When disconnecting the appliance from the outlet, always take hold of the plug. Do not pull on the cable.
- Disconnect the power plug or switch off the power if a fault occurs.
- Do not damage the mains power line. Do not operate the appliance from a defective mains power line.
- Repairs, work on the appliance and replacement of the power cord should only be carried out by the customer service department.

## Controls and displays

- Only install, connect and dispose of the appliance in accordance with the instructions.
- Only operate the appliance after it has been installed.
- Please keep the instructions and pass them on to any future owner.
- Special-purpose lamps inside the appliance are intended to illuminate its interior compartments and are unsuitable for room illumination.

### Risk of fire:

- Do not operate the appliance near explosive gases.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this appliance.
- Do not store explosive materials or spray cans with flammable propellants, such as e.g. butane, propane, pentane, etc. in the appliance. You can recognize such spray cans by the printed contents or a flame symbol. Any leaking gasses can be ignited by electrical components.
- Alcoholic beverages or other containers holding alcohol must always be tightly sealed for storage purposes. Any leaking alcohol can be ignited by electrical components

### Tipover hazard:

- Do not stand or climb on the base, drawers, doors, etc. This applies in particular to children.

### Risk of food poisoning:

- Do not consume food that has passed its best before date.

### Danger of frostbite, feelings of numbness and pain:

- Avoid continued skin contact with the cold surfaces or chilled/frozen food or adopt protective measures, e. g. use gloves. Do not consume ice cream (especially sherbets) and ice cubes immediately when they are too cold.

### Risk of injury and damage:

- Hot steam may lead to injuries. Do not use any electrical heating or steam cleaning equipment, naked flames or defrosting sprays for defrosting
- Do not remove ice with sharp objects


### Risk of crushing:

- Do not hold onto the hinge when opening and closing the door. Fingers may get caught.




### California Proposition 65

- This product contains chemicals known to the state of California to cause cancer or reproductive harm.

### Symbols on the device:

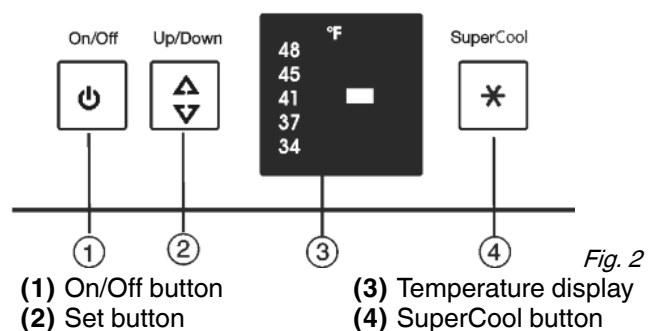
	The symbol can be on the compressor. It refers to the oil in the compressor and refers to the following danger: Can be lethal if swallowed or inhaled. This notice only applies for recycling. There is no danger during normal operation.
---	--

### Follow the specific instructions in the other sections:

	DANGER	indicates a hazardous situation, which if not avoided, will result in death or serious injury.
	WARNING	indicates a hazardous situation, which if not avoided, could result in death or serious injury.
	CAUTION	indicates a hazardous situation, which if not avoided, will result in minor or moderate injury.
	NOTICE	indicates a hazardous situation, which if not avoided, could result in damage to property.
	Note	indicates useful advice and tips.

## 3 Controls and displays

### 3.1 Operating and control elements



### 3.2 Temperature display

The following is displayed in normal operation:

- the fridge temperature set

## 4 Start-up

### 4.1 Transporting the appliance



#### CAUTION

Risk of injury or damage if incorrectly transported.

- Transport the appliance in its packaging.
- Transport the appliance upright.
- Do not move the appliance on your own.

### 4.2 Setting up the device



#### WARNING

Risk of fire due to short circuit.

If the power cable or plug of the appliance or another appliance and the back of the appliance touch each other the power cable or plug will be damaged by the vibrations of the appliance which could lead to a short circuit.

- Install the appliance so that it does not touch any plugs or power cables.
- Do not connect the appliance or other appliances to the sockets on the back of the appliance.



#### WARNING

Risk of fire due to moisture!

If live parts or the power cord get wet, this can cause a short circuit.

- The appliance is designed for use in enclosed spaces. Do not operate the appliance in open space or in damp areas or where there is spray.
- Only operate the appliance after it has been installed.



#### WARNING

Danger of fire and damage!

- Do not place devices that give off heat, e.g. microwaves, toasters, etc. on the appliance.



#### WARNING

Danger of fire and damage due to blocked ventilation openings!

- Never block the ventilation openings. Always ensure good ventilation!

#### NOTICE

Risk of damage caused by water condensate!

- Do not install this device directly beside another fridge/freezer compartment.

#### NOTICE

Risk of damage for the finished floor surface!

- Protect the finished floor surface before you uncrate the unit.



#### WARNING

Danger of damage from overheating. May restrict operation.

- Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.



#### WARNING

Danger of tilting.

- To avoid a hazard due to instability of the appliance, it must be fixed in accordance with the instructions.

- ☐ If possible, have a professional install the appliance in your kitchen cabinet unit.
- ☐ If the appliance is damaged check with the supplier immediately before connecting it.
- ☐ The floor of the installation site must be horizontal and level.
- ☐ Do not install the appliance in direct sunlight or next to an oven, heater, or similar heat source.
- ☐ This appliance is suitable for integrated under-the-counter installation.
- ☐ Ventilation is provided through the appliance pedestal.
- ☐ Do not install the appliance without assistance.
- ☐ The load-bearing capacity of the floor must be sufficient for the weight of the appliance plus about 1200 pounds (544 kg) of food weight.
- ☐ The electrical socket must be assessed precisely to ensure the correct position and fuse.
- Note down the type (model, number), appliance name, appliance or serial number, date of purchase and manufacturer's address in the place provided for this in the Use & Care Manual.
- Remove all materials that could prevent it from being installed properly or prevent proper ventilation from the back or the side panels of the appliance.
- Remove the mains cable from the back of the appliance. Also remove the cable holder, otherwise there will be vibration noise!

After installation:

- Remove the protective film from the decorative trims.
- Remove all transport safety devices.

# Start-up

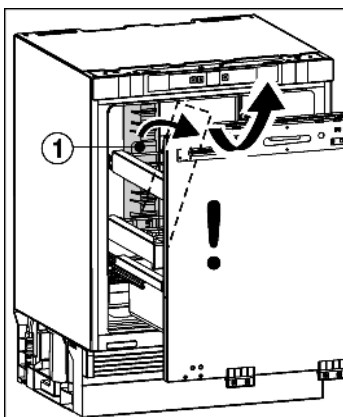


Fig. 3

- Swing the transport safety device Fig. 3 (1) to the side and remove it from the front.
- Dispose of the packaging material. (see 4.5)

## Note

- Clean the appliance (see 6.2) .

If the appliance is installed in a very damp environment condensate water may form on the outside of the appliance.

- Always ensure good ventilation.

## 4.3 Installation

All fasteners are supplied with the appliance.

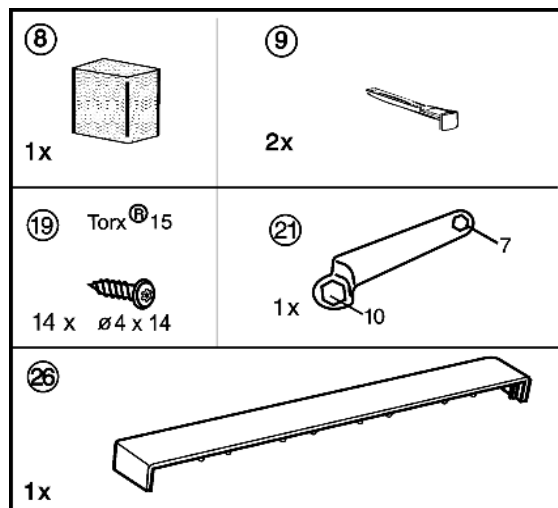


Fig. 4

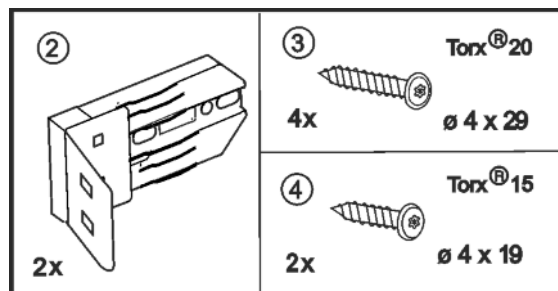


Fig. 5

Make sure you have the following tools on hand:

- Cordless screwdriver Torx® 15, 20, 25

- Hex wrench 13
- Torx® 15 screwdriver
- Slot screwdriver 6
- Allen key 8
- Tape measure
- Pencil
- String



## WARNING

Risk of fire due to short circuit!

- When inserting the appliance into the recess do not squash, jam or damage the power cable.
- Do not operate the appliance with a faulty power cable.

Make sure the electrical sockets can be accessed.

Check the installation dimensions

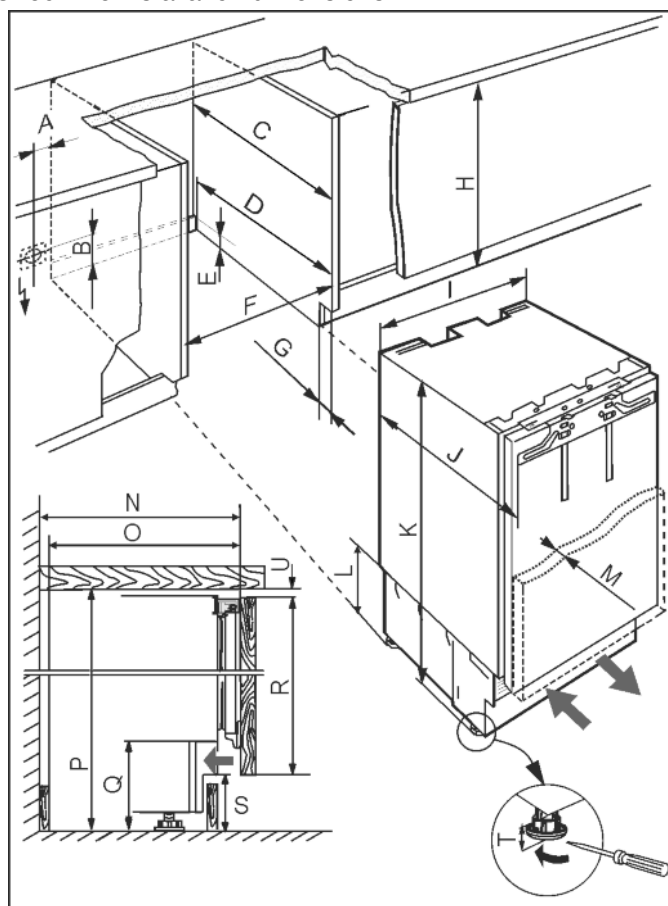


Fig. 6

	in.	mm
A	3-15/16	100
B	7-7/8	200
C	min. 21-5/8	min. 550
D	21-1/4	540
E	5-1/2	140
F	23-5/8 — 24	600 — 610



G	7/8 — 3	22 — 77
H	32-1/4 — 34-1/4	820 — 870
I	23-1/2	597
J	21-5/8	550
K	32-1/4 — 34-1/4	819.5 — 869.5
L	6-5/8	168
M	max. 3/4	max. 19
N	21-5/8	550
O	21-1/4	540
P	32-1/4 — 34-5/8	820 — 880
Q	6-5/8 — 8-9/16	168 — 218
R	25-7/16 — 30-5/16	646 — 770
S	max. 4 — 6	max. 102 — 152
T	max. 2	max. 50

## Ventilation requirements

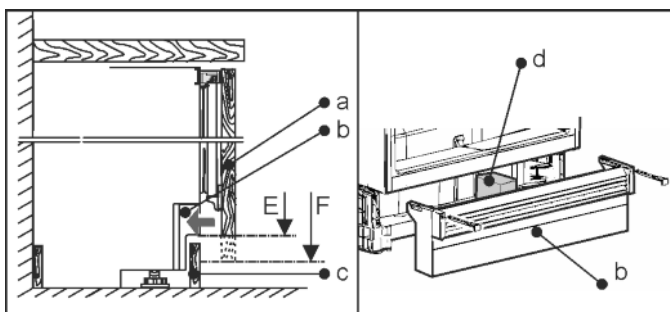


Fig. 7

Requirement	Effect
<b>Case E:</b> The ventilation openings in the plinth trim b are freely visible or are scarcely covered by the unit door.	Sufficient ventilation.
<b>Case F:</b> The unit door covers the ventilation openings in the plinth trim b and part of the unit plinth trim c.	There must be a ventilation gap of 1-3/8 " (35 mm) between the unit plinth trim and the unit door.
Fix the <b>foam element</b> centrally in the plinth trim b.	Foam element d is used to separate the incoming and outgoing air currents and permits sufficient ventilation.

## Weight of the unit door

### Note

- Before assembling the unit door, make sure that the permitted weight for the unit doors is not exceeded
- Otherwise damage to the telescopic rails and malfunctions arising from this cannot be ruled out.

Model	Maximum weight of unit door
UIK	22.05 lbs (10 kg)

## Fastening method on the kitchen cabinet

### Side fastening

- ❑ Installation below hard worktops such as granite.
- ❑ With the adjusting feet completely screwed out, the appliance is lower than the counter top.
- ❑ Requirement: Cabinet side panel for the screw connection.

### Top fastening

- ❑ When the adjusting feet are screwed out completely, the appliance sits slightly tensioned below the worktop.
- ❑ No granite top.

## 4.3.1 Assembling the appliance

Removed unit plinth trim.

- Remove the mains cable from the back of the appliance. Also remove the cable holder, otherwise there will be vibration noise!
- Position the mains cable using a piece of string so that the appliance can easily be connected to the electricity supply after it has been built-in



Fig. 8

## Insert and align appliance

### NOTICE

Risk of damage to delicate floors!

- Place a strip of cardboard under the height-adjustable feet, approx. 4 in.x24 in. ( 10 cm x 60 cm ), one at either side. Cut the strips out of the packaging. If the recess heights are smaller than ( 826 mm ) cut the strips out of a firm but thin material.
- After the appliance has been slid in, remove the strips.

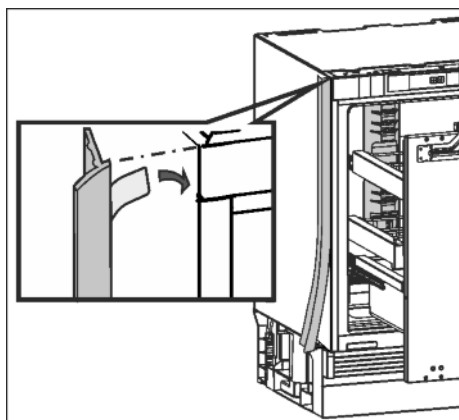


Fig. 9

With a 23-5/8 " (600 mm) wide recess: Do not use strips.  
With a 24-1/32 " (610 mm) wide recess: Place the strips on the side.

## Start-up

- The appliance is to the right of the adjacent cabinet: Fit the strip to the left.
- The appliance is to the left of the adjacent cabinet: Fit the strip to the right.
- Place the strip under the top edge and stick it to the side panel. The strip must not be shortened.

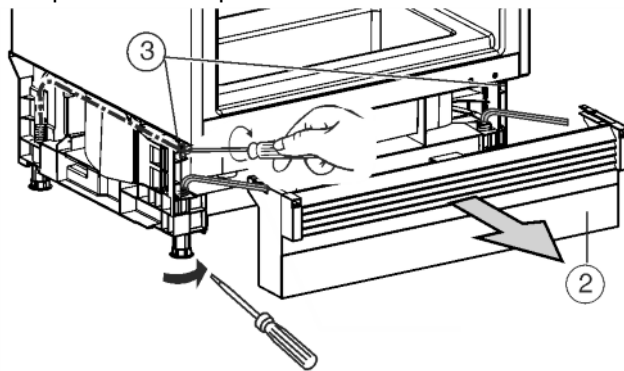


Fig. 10

- Remove the plinth trim Fig. 10 (2).

### Side fastening:

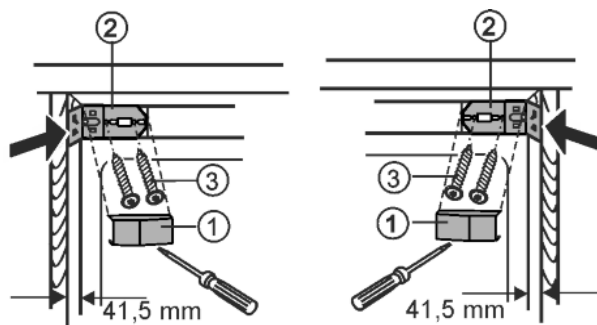


Fig. 11

- Remove the cover Fig. 11 (1) at the top right and left.
- Screw in the fixing bracket Fig. 11 (2) loosely on the right and left with screws Fig. 11 (3).

### Side and top fastening:

- Push the appliance into the recess.

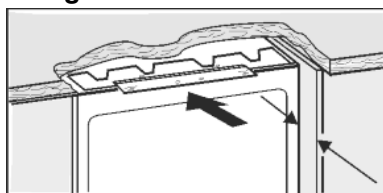


Fig. 12

- Unscrew the rear adjusting feet Fig. 10 (3) with a screwdriver and the front adjusting feet with an Allen key 8 in an alternating manner until they are just below the worktop.
- Align the appliance vertically.
- ▷ The distance between the front edge of the unit side wall and the appliance itself is 1-5/8 " (41.5 mm) all around.
- ▷ If there is no cabinet side panel, align it with the work top.

### In units with door stop components (knobs, sealing lips, etc.)

- Subtract the additional distance (for depth of the door stop components) from the 1-5/8 " (41.5 mm) insertion depth.

- Unscrew the rear adjusting feet Fig. 10 (3) with a screwdriver and the front adjusting feet with an Allen key 8 (for screwed in adjusting feet) or screwdriver (with unscrewed adjusting feet) in an alternating manner as far as possible. The maximum adjustment distance is 1-31/32 " (50 mm).

- ▷ The appliance is aligned vertically
- ▷ The appliance is blocked slightly in the recess between the floor and the worktop.

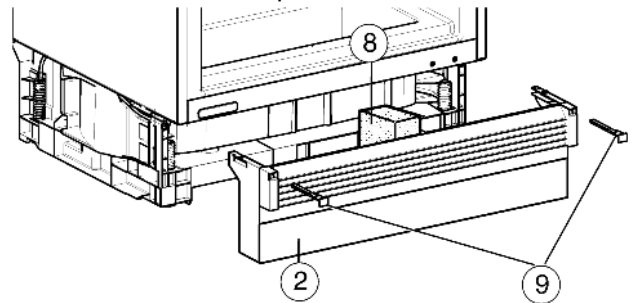


Fig. 13

- Insert the foam element Fig. 13 (8) - functionally important for separate air currents!
- Reinstall the plinth trim Fig. 13 (2).
- Position the unit door and unit plinth trim for testing
- If the plinth trim Fig. 13 (2) is visible, pull it forward as far as possible so that the front edge of the ventilation grid and the unit plinth trim lie flush.

-or-

- If the plinth trim Fig. 13 (2) is covered, push it fully back.

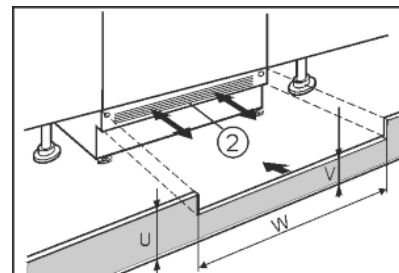


Fig. 14

- Make sure the ventilation slots are completely unobstructed: If necessary, crop the height of the unit plinth trim (U)!
- ▷ Adjust the height of the rack (V) below the appliance plinth trim along the width of the recess (W).
- Affix the plinth trim: Keep a steady grip on the plinth trim and insert the latch Fig. 13 (9).
- Fix the unit plinth trim.

### To secure the appliance in the recess

#### Top fastening:



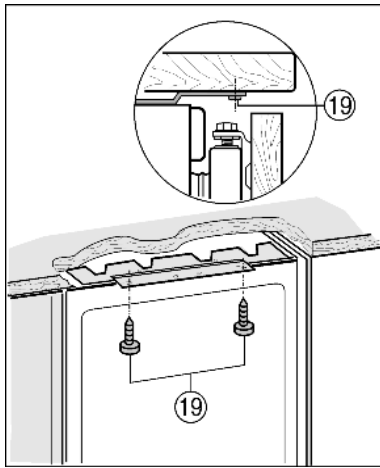


Fig. 15

- Screw in long chipboard screws Fig. 15 (19) at the top.
- Side fastening:

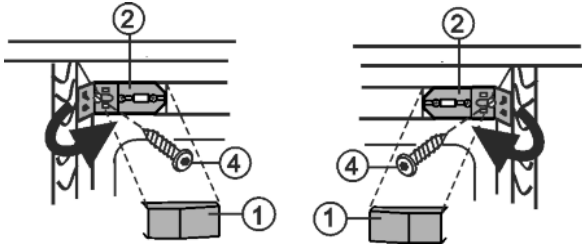


Fig. 16

- Fasten the appliance on the right and left with screws Fig. 16 (4) on the side wall of the unit. Tighten the screw Fig. 11 (3) fully.
- Fold up the side part of the mounting bracket Fig. 16 (2) and lock it in place.
- Snap the cover Fig. 16 (1) back into place.

## 4.3.2 Installing the unit door

- Installing the handle on the unit door

### Note

To guarantee that the pull-out compartment will pull-out evenly:

- Always install the unit handle in the middle of the unit door.

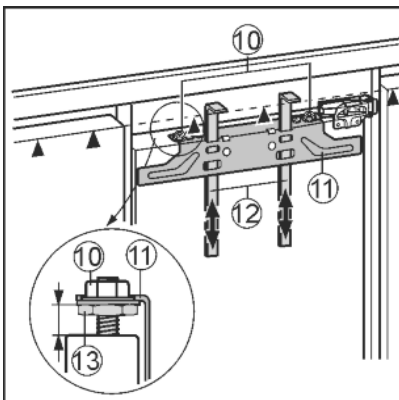


Fig. 17

- Check the 5/16 " (8 mm) presetting. (Distance between appliance door and lower edge of crosspiece)

- Raise the fitting aids Fig. 17 (12) to unit door height. Bottom stop edge of ▲ the fitting aid = top edge of the unit door to be fitted.
- Unscrew the crosspiece Fig. 17 (11) by undoing the locknuts Fig. 17 (10).

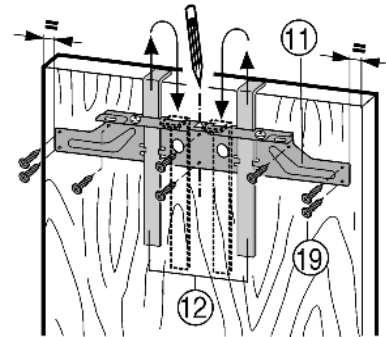


Fig. 18

- Hang the crosspiece Fig. 18 (11) on the inside of the unit door using the fitting aids Fig. 18 (12). With a 23-5/8 " (600 mm) wide recess:
- Align the crosspiece Fig. 18 (11) to the middle of the door.

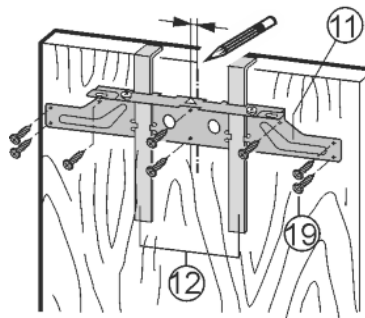


Fig. 19

- With a 24-1/32 " (610 mm) wide recess:
- Align the crosspiece Fig. 19 (11) to the middle of the door.
- Left strip: Move the crosspiece Fig. 19 (11) 1/4 (6 mm) to the left.

-or-

- Right strip: Move the crosspiece Fig. 19 (11) 1/4 (6 mm) to the right.

### For chipboard doors

- Secure the crosspiece Fig. 18 (11) with at least 6 screws Fig. 18 (19).

### For frame and panel doors

- Secure the crosspiece Fig. 18 (11) with 4 screws Fig. 18 (19) at the edge.
- Lift up fitting aids Fig. 18 (12), turn round and insert into the adjacent openings.

## Start-up

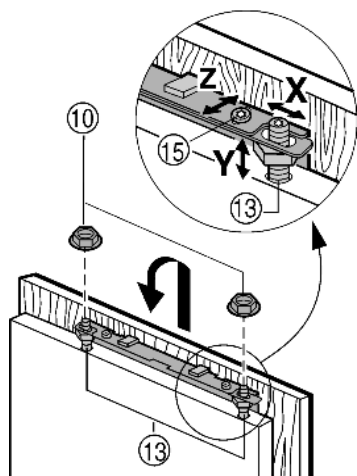


Fig. 20

- Attach the unit door on the adjusting bolts Fig. 20 (13) and loosely screw locknuts Fig. 20 (10) onto the adjusting bolts.
- Close the door.
- Check the gap between the door and the surrounding unit doors
- To laterally align the unit door Move the unit door in the X direction.
- To align the unit door in the Y direction (height) and in lateral inclination: Adjust the adjusting bolts Fig. 20 (13) with a screwdriver.
- ▷ The unit door is flush and in alignment with the surrounding unit fronts
- Tighten the locknuts Fig. 20 (10).

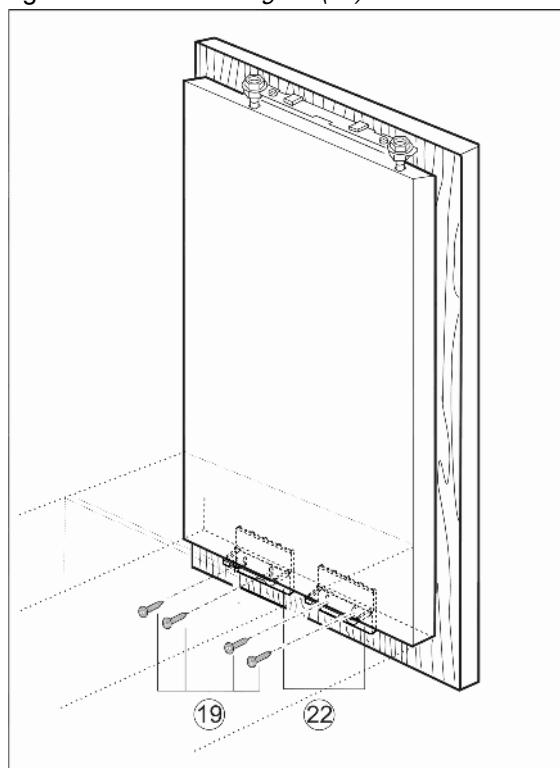


Fig. 21

- Screwing the unit door to the appliance door.
- Drill pilot holes in the door of the unit (you could make a preliminary hole with a bradawl)

- Screw the appliance door to the unit door with screws Fig. 21 (19) through the mounting brackets Fig. 21 (22).

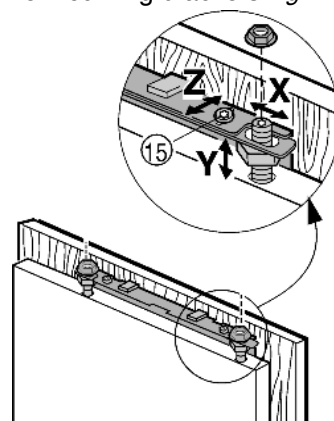


Fig. 22

- Align the unit door in depth Z : loosen the upper screws Fig. 22 (15), lower screws Fig. 23 (24), then move the door.
- Do not allow the knobs and sealing lips to contact the door - important for function
- Set an air gap of 3/32 " (2 mm) between the unit door and the body of the unit.

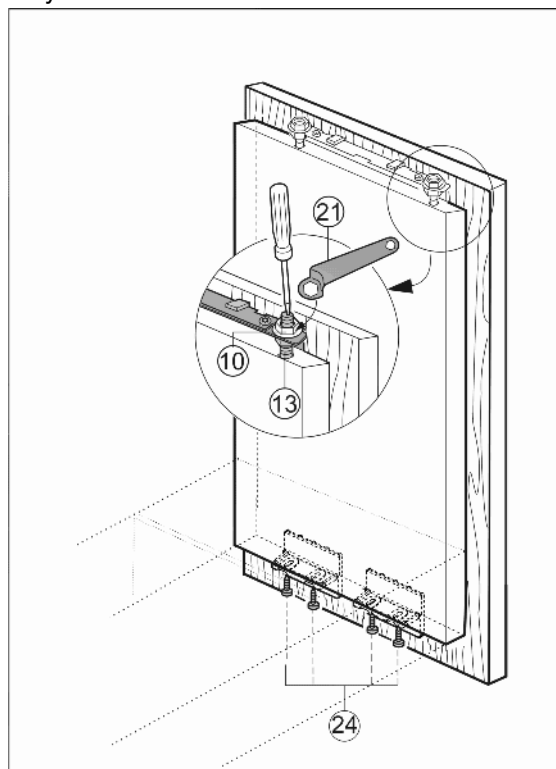
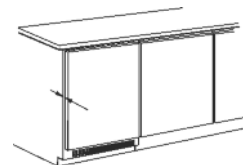
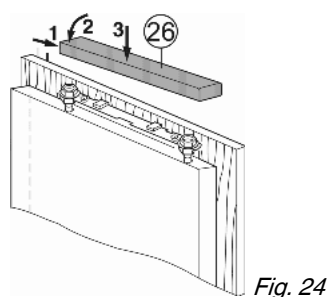


Fig. 23

- Check the fit of the door and re-adjust, if necessary
- Tighten all screws
- Tighten the locknuts Fig. 23 (10) with the ring wrench Fig. 23 (21), while counter-holding the adjusting bolts Fig. 23 (13) with a screwdriver.

- Position the upper cover *Fig. 24 (26)* and snap into place.



Check the following points to make sure the appliance is installed correctly. Otherwise, icing up, the formation of condensate, and malfunctions can occur

- ▷ The door must close properly
- ▷ The unit door must not touch the body of the unit

## 4.4 Adjust the fit of the door seal

It may be necessary to adjust the appliance door depending on the weight of the unit door.

After assembling the unit door, check that the door seal is fully fit up against the appliance body.

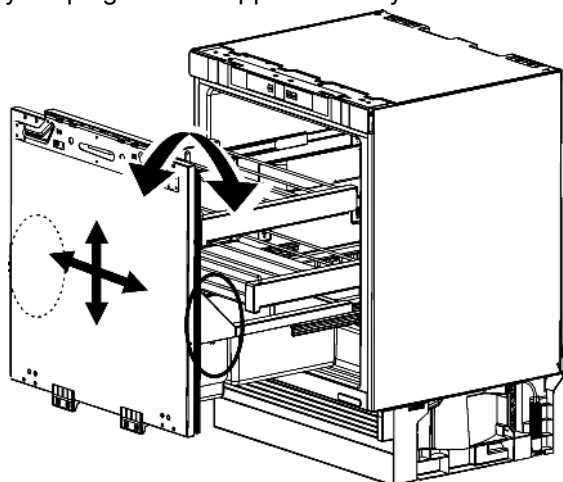


Fig. 25

The adjustment settings are located to the right and left below the bottle shelf on the inner door.

The appliance is delivered with the adjustment setting in the 0 position.

The following settings are possible:

- ☐ Inclination  $\pm 1^\circ$
- ☐ Upward adjustment of 4 mm
- ☐ Downward adjustment of 2 mm
- ☐ 2 mm adjustment to the left or right

### NOTICE

Functional impairments and risk of damage!

- Only use the appliance door adjustment to ensure that the door seal of the pull-out compartment lies 100% up against the appliance body and not to adjust the unit door.

If necessary, place a luminous flashlight inside to check the tight closure of the door.

## 4.4.1 Adjusting the inclination of the door

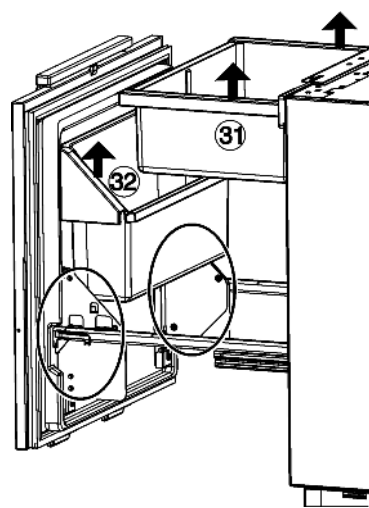


Fig. 26

### Note

- Always perform the adjustment on both the right and left side!
- Lift up the vegetable drawer *Fig. 26 (31)* and bottle shelf *Fig. 26 (32)*.

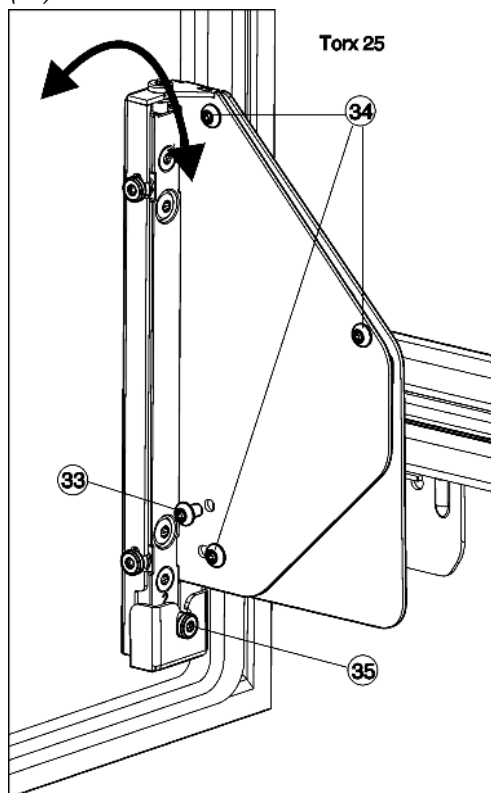


Fig. 27

- Fully unscrew the screws *Fig. 27 (33)*.
- ▷ Dispose of the screws *Fig. 27 (33)* as they will no longer be needed.
- Only loosen the screws *Fig. 27 (34)* with 1 to 2 turns.

## Start-up

- ▶ Turn the adjusting screw *Fig. 27 (35)*. In a clockwise direction: the top of the door tilts away from the appliance body. In an anticlockwise direction: the top of the door tilts towards the appliance and the bottom tilts away from the appliance body.
- ▶ After adjusting the inclination, retighten all screws *Fig. 27 (34)*.

### 4.4.2 Leveling the door

#### Note

- ▶ Always perform the adjustment on both the right and left side!

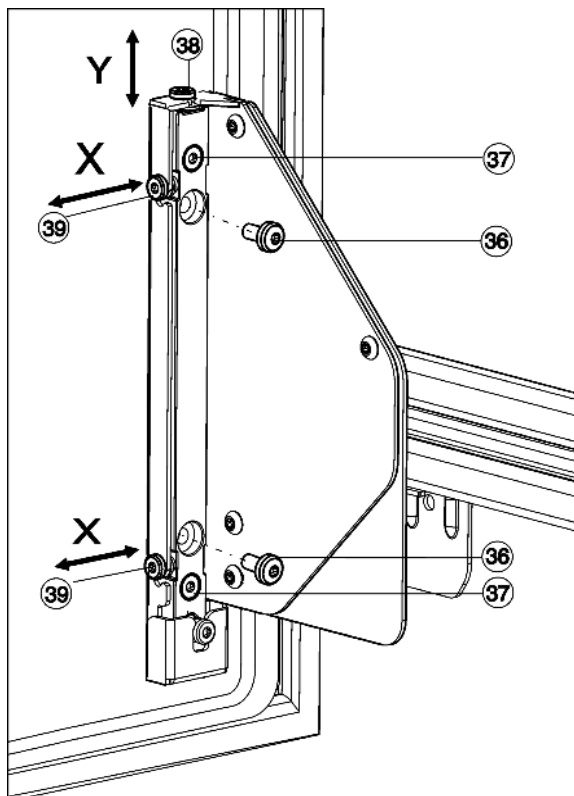


Fig. 28

#### Height adjustment, Y:

- ▶ Fully screw out the screws *Fig. 28 (36)*.
- ▷ Dispose of the screws *Fig. 28 (36)* as they will no longer be needed.
- ▶ Only loosen the screws *Fig. 28 (37)* with 1 to 2 turns.
- ▶ Turn the adjusting screw (38). In a clockwise direction: the door moves max. 4 mm upwards. In an anticlockwise direction: the door moves max. 2 mm downwards.
- ▶ Retighten all screws *Fig. 28 (37)*.

#### Lateral adjustment, X:

- ▶ If the screws *Fig. 28 (36)* are still present, unscrew them fully.
- ▶ Only loosen the screws *Fig. 28 (37)* with 1 to 2 turns.
- ▶ Adjust the adjusting screws *Fig. 28 (39)* according to the desired lateral adjustment direction.
- ▶ Retighten the screws *Fig. 28 (37)* after the lateral adjustment is complete.
- ▶ Reinsert the bottle shelf *Fig. 26 (32)* and the vegetable drawer *Fig. 26 (31)*.

## 4.5 Disposal of packaging



### WARNING

Danger of suffocation from packaging materials and films!  
▶ Do not allow children to play with packaging materials.

The packaging is made from recyclable materials:

- Corrugated card/cardboard
- Parts made of foamed polystyrene
- Films and bags from polyethylene
- Packing bands from polypropylene
- Wood frame nailed together with a polyethylene window\*

- ▶ Take the packaging material to an official collection point.



## 4.6 Connecting the appliance



### WARNING

Electrical shock hazard!

- ▶ Start-up should only take place once the appliance has been installed according to these instructions.
- ▶ Electrically ground appliance.
- ▶ Do not ground to a gas pipe.
- ▶ Check with a qualified electrician if you are not sure the appliance is properly grounded.
- ▶ Do not have a fuse in the neutral or grounding circuit.
- ▶ Do not use an extension cord, power bar or a multiple socket adapter.
- ▶ Do not use a power cord that is frayed or damaged.



### WARNING

Electrical shock hazard!

This appliance is equipped with a three-prong (grounding) polarized plug for your protection against possible shock hazards. Electrical Grounding Required.

- ▶ Do not remove the round grounding prong from the plug.
- ▶ Use only an grounded adapter.

- Wait 1 hour after installation before you plug in the appliance. This allows the refrigerant and system lubrication to reach equilibrium.
- Make sure that the voltage of the power network matches the connection voltage of the appliance. A power supply of 110 - 120 Volt, 60 Hz and 15 Ampere is required for device operation and must be protected by a main switch or a fuse.
- We recommend using a dedicated circuit for this appliance to prevent electrical overload.
- Follow all Federal, State and local electrical, fire and building codes and ordinances when installing the receptacle and / or the appliance.
- In some communities, a wall switch is required to turn power to the appliance ON and OFF.

- To reduce the risk of fire, electric shock, or personal injury, installation work and electrical wiring must be done by a qualified electrician in accordance with all applicable codes and standards, including fire-rated construction.
- The Power Plug must be easily accessible so that the appliance can be disconnected from the mains quickly in an emergency. It must not be behind the back of the appliance.

## 4.7 Switching the appliance on

- ▶ Open the door.
- ▶ Press the On/Off button *Fig. 2 (1)*.
- ▷ The appliance is switched on. The temperature display displays the temperature setting.
- ▷ Once all indicator LEDs on the temperature display light up, demonstration mode is enabled. Contact Customer Services.

## 5 Operation

### 5.1 Refrigerating food

#### Note

- ▶ Load the pull out drawer with the bottle rack and vegetable drawer with no more than 20 Umrechnung von kg wurde noch nicht definiert! (20 kg) of food.



#### WARNING

Danger of fire

- ▶ Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- ▶ Store perishable food such as ready-meals, meat and sausage products and in the middle of the coldest zone. Store butter and preserves in the top part. (see The appliance at a glance)
- ▶ Use recyclable plastic, metal, aluminum and glass containers and cling film to wrap foods.
- ▶ Always use closed containers for liquids and for food that may give off or be tainted by odor or flavor transfer or cover them.
- ▶ Foods which give off a large amount of ethylene gas and those that are sensitive to this gas, such as fruit, vegetables and salad, should always be separated or wrapped so as not to reduce the storage life; for example, do not store tomatoes together with kiwi fruits or cabbage.
- ▶ Do not store food too close together to enable sufficient air circulation.

### 5.2 Setting the temperature

The temperature depends on the following factors:

- the number of times the door is opened

- the room temperature of the installation location
- the type, temperature and amount of food.

Recommended temperature setting: 41 °F (5 °C)

- ▶ Call up the temperature function: Press the Set button *Fig. 2 (2)* once.
- ▷ On the temperature display, the LED flashes the current temperature.
- ▶ Press the Set button *Fig. 2 (2)* until the illuminated LEDs show the desired temperature.

#### Note

- ▶ By pressing and holding down the Set button, a slightly colder value can be set within a small temperature range (e.g. between 41 °F (5 °C) and 45 °F (7 °C)). On the temperature display, the illuminated LEDs then show the next lower temperature range.

### 5.3 SuperCool

With SuperCool you switch to the highest cooling performance to reach lower cooling temperatures. Use SuperCool to rapidly cool large quantities of food.



If SuperCool has been switched on the appliance runs at maximum refrigerating capacity. As a result the noises from the refrigeration unit may temporarily be louder.

SuperCool will use more energy than normal operation.

#### 5.3.1 Cooling with SuperCool

- ▶ Briefly press the SuperCool button *Fig. 2 (4)*.
- ▷ The SuperCool button *Fig. 2 (4)* lights up.
- ▷ The cooling temperature drops to the coldest value. SuperCool is switched on.
- ▷ SuperCool automatically switches itself off after about 6-12 hours. The appliance returns to work in the energy-saving normal mode.

#### 5.3.2 To prematurely switch off SuperCool

- ▶ Briefly press the SuperCool button *Fig. 2 (4)*.
- ▷ The SuperCool button *Fig. 2 (4)* goes out.
- ▷ SuperCool is switched off.

### 5.4 Moving the supporting bars



#### CAUTION

Danger of lacerations!

The storage shelf can shatter if dropped or mishandled. You could cut yourself on the pieces of broken glass.

- ▶ Only remove storage shelves when there is nothing on them.



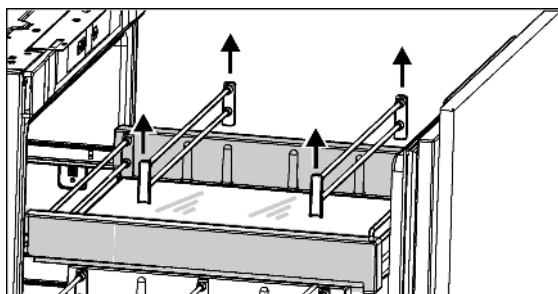


Fig. 29

- Grasp the right and left supporting bars and carefully remove them from above and then insert them in the new position until the mounts engage.

## 5.5 Dividing the vegetable drawer

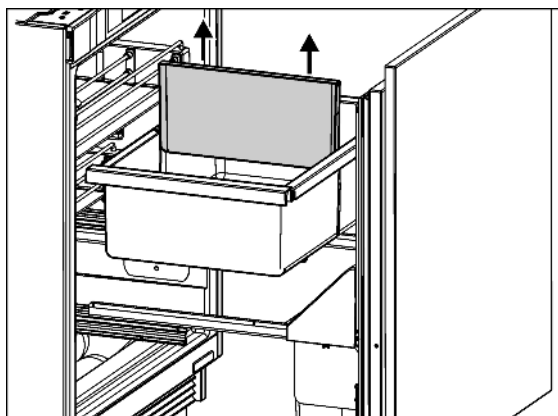


Fig. 30

- The partition can be used to divide the vegetable drawer. Insert the partition on the guide racks or simply pull them out from the top.

## 5.6 Storing in the floor recess

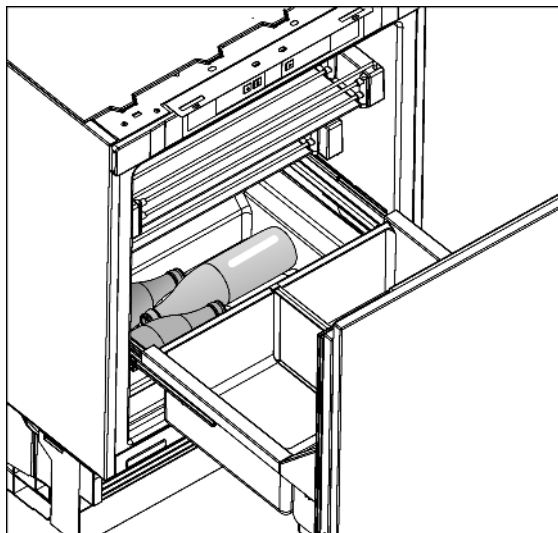


Fig. 31

- Unopened and securely closed bottles and packages can be stored in the storage space in the floor recess.

# 6 Maintenance

## 6.1 Thawing

### 6.1.1 Defrosting the refrigerator



#### WARNING

Risk of injury and damage

- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not use any electrical heating or steam cleaning equipment, naked flames or defrosting sprays for defrosting.
- Do not remove ice with sharp objects.

The fridge compartment defrosts automatically. The defrosted water will evaporate. Drops of water on the back wall are a functional feature; this is completely normal.

- Clean the drain opening regularly so that the condensation water can drain away. (see 6.2)

## 6.2 Cleaning the appliance



#### WARNING

Danger of electric shock.

- Unplug refrigerator or disconnect power.



#### WARNING

Danger of fire

- Do not damage the refrigerant circuit.



#### WARNING

Risk of injury or damage due to hot steam.

Hot steam can cause scalding/burns and damage to surfaces.

- Do not use steam cleaners.



## NOTICE

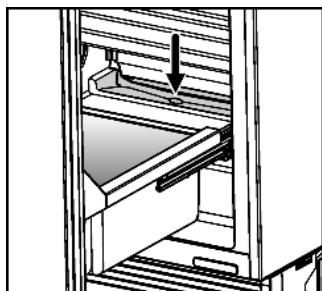
Incorrect cleaning damages the appliance.

- ▶ Do not use concentrated cleaning agents.
- ▶ Do not use steel wool or sponges that scour or scratch.
- ▶ Do not use caustic or abrasive cleaning materials or those containing sand, chloride, or acids.
- ▶ Do not use chemical solvents.
- ▶ Do not damage or remove the rating plate on the inside of the appliance. It is vital for the customer service department.
- ▶ Do not pull off, kink or damage any cables or other components.
- ▶ Do not let cleaning water get into the drain gutter, the ventilation grille and electrical parts.
- ▶ Use soft cleaning cloths and a multi-purpose cleaning agent with a neutral pH value.
- ▶ Only use food-compatible cleaning and care agents inside the appliance.

- ▶ **Empty the appliance.**
- ▶ **Disconnect the power plug.**



- ▶ Clean the **ventilation grilles** regularly.
- ▷ Dust deposits increase energy consumption.
- ▶ Clean the **plastic surfaces, outside and inside**, by hand using lukewarm water and a little dish washing liquid.
- ▶ To clean the **drain opening**: Remove deposits with a thin instrument, e.g. a cotton bud.



- ▶ Clean **fittings** by hand using lukewarm water and a little dish washing liquid.

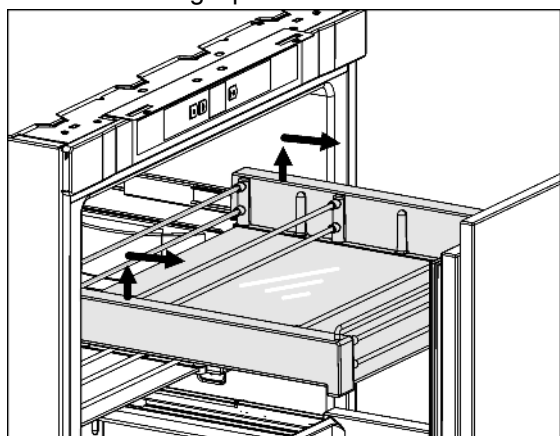


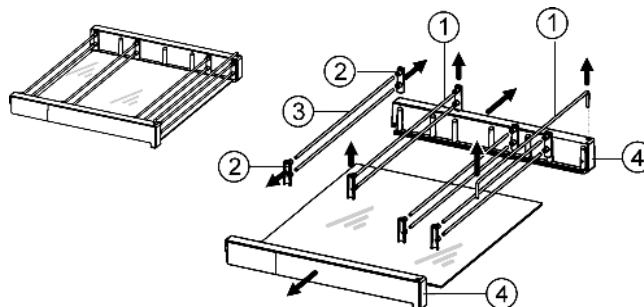
Fig. 32

- ▶ **To remove the rack:** lift up at the back as in the picture and pull out forwards.

## Note

- ▶ If the storage compartment can no longer be pulled out as far as it could initially, pull the telescopic rails out fully once. The ball bearing cage on the telescopic rails will then re-align and it will be possible to pull the compartment out fully again.

- ▶ Clean the **telescopic rails** with a damp cloth only. The grease in the tracks is for lubrication purposes and should not be removed.



- ▶ **To dismantle the rack:** Lift the supporting bars Fig. 32 (1) upwards, remove the retainers Fig. 32 (2) from the bars Fig. 32 (3) and the side parts Fig. 32 (4) from the glass floor.

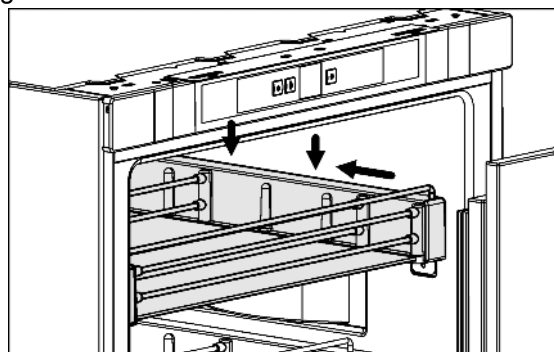


Fig. 33

- ▶ **To insert the rack:** Push the telescopic rails in.
- ▶ Put the storage compartment on the telescopic rails and push backwards until it clicks into place.

## After cleaning:

- ▶ Wipe the appliance and accessories dry.
- ▶ Connect the appliance and switch it on again.
- ▶ Put the food back in the appliance.

## 6.3 Customer service

First check whether you can remedy the fault yourself (see Troubleshooting). If this is not the case, please contact a qualified service provider.



## WARNING

Risk of injury from repairs by non-professionals.

- ▶ Repairs and work on the appliance and the power supply cable not described in the Manual (see Maintenance) should only be carried out by a qualified service provider.

## Troubleshooting.

- Read the appliance designation  
*Fig. 34 (1)*, service no.  
*Fig. 34 (2)* and serial no.  
*Fig. 34 (3)* from the rating plate. The rating plate is located inside the appliance on the left-hand side.

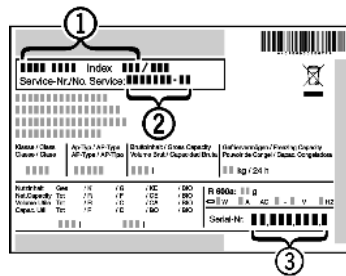


Fig. 34

- Notify a qualified service provider, specifying the fault, appliance designation *Fig. 34 (1)*, service no. *Fig. 34 (2)* and serial *Fig. 34 (3)* no.
- ▷ This will help us to provide you with a faster and more accurate service.
- Keep the appliance closed until the Customer Service engineer arrives.
- ▷ The food will stay cool longer.
- Disconnect the power plug (do not pull on the power cord to do this) or switch off the fuse.

## 6.4 Appliance Information


Make a note of this information when the appliance is installed:

Type Designation: \_\_\_\_\_  
 Service Number: \_\_\_\_\_  
 Appliance / Serial Number: \_\_\_\_\_  
 Date of purchase: \_\_\_\_\_  
 Where purchased: \_\_\_\_\_


## 7 Troubleshooting.

Your appliance is designed and manufactured for reliable operation and a long lifespan. If a malfunction nonetheless occurs during operation, please determine if the malfunction is due to an operating error. If a service call determines operator error, you will be charged for the costs incurred, even during the warranty period. You may be able to rectify the following problems yourself:

Problem	Possible Cause	Correction
<b>The appliance does not work.</b>	The appliance is not switched on.	► Switch on the appliance.
	The power plug is not properly inserted in the wall socket.	► Check the power plug.
	The fuse in the wall socket is not OK.	► Check the fuse.
	Power failure	► Keep the appliance closed. ► Protect the food: place dry ice on top of the food or use an alternate freezer, if the power failure persists for some time. ► Do not re-freeze defrosted food.
<b>The compressor runs for a long time.</b>	When less refrigeration is required, the speed-controlled compressor switches to a low speed. Although the running time is increased as a result, energy is saved.	► This is normal in energy-saving models.
	SuperCool function is activated.	► The compressor runs long to rapidly cool food. This is normal.
<b>A LED at the lower rear of the appliance (for the compressor) flashes regularly every 15 seconds*.</b>	The inverter is equipped with a diagnostic LED.	► The flashing is normal.

Problem	Possible Cause	Correction
Noises are too loud.	The different speed levels of speed-controlled* compressors can cause them to generate various noises during operation.	► These noises are normal.
A gurgling sound	This sound comes from the refrigerant flowing in the refrigeration circuit.	► The sound is normal.
A faint clicking sound	The sound always occurs when the refrigeration unit (the motor) automatically switches on or off.	► The sound is normal.
A hum. It is briefly a little louder when the refrigeration unit (the motor) switches on.	The refrigeration increases automatically when the SuperCool function is activated, fresh food has just been placed in the appliance or the door has been left open for a while.	► The sound is normal.
	The ambient temperature is too high.	► Solution: (see 1.3)
Vibration noise	The appliance is not standing firmly on the floor. As a result, adjoining units or objects are set into vibration by the running refrigeration unit.	► Check the installation and, if necessary, re-align the appliance. ► Move bottles and containers apart.
The outside surfaces of the appliance are hot*.	The heat of the refrigerant circuit is used to prevent condensate from forming.	► This is normal.
The temperature is not cold enough.	The door of the appliance is not closed properly.	► Close the appliance door.
	Insufficient ventilation.	► Clear and clean the ventilation grille.
	The ambient temperature is too high.	► Solution: (see 1.3)
	The appliance was opened too frequently or for too long.	► Wait to see whether the required temperature resets itself by itself. If not, contact the customer service department (see Maintenance).
	The appliance is too near to a heat source (stove, heater etc).	► Change location of appliance or the heat source.
	The appliance was not properly installed in the recess.	► Make sure the appliance was installed correctly and the door closes properly.
The interior light does not turn on.	The appliance is not switched on.	► Switch on the appliance.
	The door was open for longer than 15 minutes.	► The interior light automatically switches itself off if the door has been open for about 15 minutes.
	The LED interior light is faulty or the cover is damaged	<div>  <b>WARNING</b>            Risk of injury from electrical shock.            Live parts are under the cover.            ► The LED interior light should only be replaced or repaired by the Customer Service department or by engineers trained to do so.         </div>

## Putting appliance out of service

Problem	Possible Cause	Correction
		 <b>WARNING</b> Risk of injury from LED lamp! The lighting intensity of the LED light complies with laser class 1/1M. If the cover is faulty: ▶ Do not gaze directly at this lighting unit with optical lenses while very close to the light source. This can cause damage to your eyes.

## 8 Putting appliance out of service

### 8.1 Vacation Tips

**Short vacations:** If you will be away for less than four weeks

- ▶ Use all perishables.

**Long vacations:** If you will be away for a month or more

- ▶ Remove all food from the appliance.
- ▶ Turn OFF the appliance.
- ▶ Clean the appliance (see 6.2) .
- ▶ Leave the door open to prevent unpleasant odors.
- ▷ This will also keep mold from building up.

### 8.2 Switching the device off

- ▶ Press and hold the On/Off button *Fig. 2 (1)* until the display becomes dark. Release button.

### 8.3 Decommissioning

- ▶ Empty the appliance.
- ▶ Pull out the power plug.
- ▶ Clean the appliance (see 6.2) .



- ▶ Leave the door open to prevent bad smells.

## 9 Disposing of the appliance

Follow the local regulations for the disposal of appliances. Old appliances can be dangerous. Contact the local refuse collection department for additional information.



### **DANGER**

There is a risk of suffocation.

Children playing can shut themselves in and suffocate.

- ▶ Take the door(s) off.
- ▶ Remove the drawers.
- ▶ Leave the storage shelves in the appliance so that children cannot easily climb into the appliance.



### **WARNING**

Danger of electric shock.

- ▶ Cut off the plug from the power cord and discard.
- ▶ Cut off the power cord from the discarded appliance. Dispose of separately from the appliance.

Ensure during and after disposal that the appliance isn't stored in the vicinity of gasoline or other flammable vapors and liquids.

When disposing of the appliance, ensure that the refrigeration circuit is not damaged to prevent uncontrolled escape of the refrigerant it contains (data on type plate) and oil.

## 10 Liebherr Warranty Plan

**FULL TWO YEAR WARRANTY** - For two years from the date of original purchase, your Liebherr warranty covers all parts and labor to repair or replace any part of the product which proves to be defective in materials or workmanship.

**FULL FIVE YEAR WARRANTY** - For five years from the date of original purchase, your Liebherr warranty covers all parts and labor to repair or replace any components that prove to be defective in materials or workmanship in the sealed system. The "Sealed System" means only the compressor, condenser, evaporator, drier and all connecting tubing.

**LIMITED 6TH THROUGH 12TH YEAR WARRANTY** - From the 6<sup>th</sup> through 12<sup>th</sup> year from the date of original purchase, your Liebherr warranty covers all parts that prove to be defective in materials or workmanship in the Sealed System (parts only).

### **TERMS APPLICABLE TO EACH WARRANTY**

All service provided by Liebherr under the warranty must be performed by authorized Liebherr service representatives, unless otherwise specified by Liebherr. Service will be provided in the home during normal business hours. This warranty applies only to products installed for normal residential use. Details regarding a non-residential warranty are available on request.

The warranty applies only to products installed in any one of the fifty states of the United States or the District of Columbia. The warranty does not cover any parts or labor to correct any defect caused by negligence, accident or improper use, maintenance, installation, service or repair, including but not limited to improper removal and reinstallation of the condensing unit.

**THE WARRANTIES DESCRIBED ABOVE ARE MADE EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND OF ANY OTHER OBLIGATION OR LIABILITY ON THE PART OF LIEBHERR. IN NO EVENT SHALL LIEBHERR BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM THE BREACH OF THESE WARRANTIES OR ANY OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY.**

Some states do not allow the exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other legal rights which vary from state to state.

To receive parts and/or service and the name of the Liebherr authorized service representative nearest you, contact your Liebherr dealer or distributor or contact the Liebherr designated national service provider:

in the US: [Service-appliances.us@liebherr.com](mailto:Service-appliances.us@liebherr.com) or call 1-866-LIEBHER (1-866-543-2437).

in Canada: [www.euro-parts.ca](http://www.euro-parts.ca) or call 1-888-LIEBHER (1-888-543-2437).

**For Service in the U.S.:**

**Liebherr Service Center**

**Toll Free: 1-866-LIEBHER or 1-866-543-2437**

Service-appliances.us@liebherr.com  
PlusOne Solutions, Inc.  
3501 Quadrangle Blvd, Suite 120  
Orlando, FL 32817

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