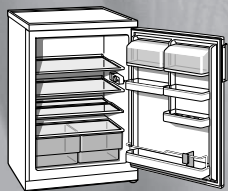


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en Operating instructions



BOSCH



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Instructions on appliance disposal

Disposal of your old appliance

When replacing your old appliance with a new one, please comply with the following:

Old appliances are not worthless rubbish. Valuable raw materials can be reclaimed by recycling old appliances.

Render your old appliance unusable:

1. Pull out the mains plug,
2. Cut off the power cord and discard with mains plug,
3. **To prevent children from locking themselves in the refrigerator and suffocating, REMOVE THE LOCK.**

Professional disposal is required for refrigerants in refrigeration appliances and gases contained in the insulation. Ensure that refrigeration tubing and coils are not damaged or punctured prior to their proper disposal.

Disposal of packaging

Warning:

Keep children away from the shipping carton and packaging components. Danger of suffocation from folding cartons and plastic film.

You received your new appliance in a protective shipping carton. All packaging materials are environmentally friendly and recyclable. Please contribute to a better environment by disposing of packaging materials in an environmentally-friendly manner.

Please ask your dealer or inquire at your local authority about current means of disposal.

Safety information

Before switching on the appliance

Please read the operating and installation instructions carefully. They contain important information on how to install, use and maintain the appliance.

The manufacturer is not liable if you fail to comply with the instructions and warnings in the operating manual. Please retain these operating and installation instructions as they may be required by a subsequent appliance user.

Installing and connecting the appliance



Warning!

- The appliance contains a small quantity of the environmentally-friendly but flammable refrigerant R600a. Ensure that the refrigeration tubing is not damaged during transportation and installation. Leaking refrigerant may cause eye injuries or ignite.

If refrigerant is leaking out:

- Avoid naked flames and ignition sources near the leakage.
- Unplug the appliance and ventilate the room for several minutes.

The more refrigerant in an appliance, the larger the room must be in which the appliance is situated. If a leak occurs in a room which is too small, a flammable gas-air mixture may occur.

The room must be at least 1 m³ per 8 g of refrigerant. The amount of refrigerant in your appliance is indicated on the rating plate inside the appliance.

In an emergency

- Wash eyes and call a doctor.
- Keep ignition sparks and naked flames away from the appliance.
- Pull out the mains plug and ventilate the room thoroughly for several minutes.

Using the appliance

- In the following cases remove the mains plug or switch OFF the fuse:

- Defrosting
- Cleaning

Do NOT pull out the plug by tugging the mains cable.

- Repairs may only be performed by qualified customer-service technicians. Improper repairs may put the user in considerable danger.
- NEVER use electrical appliances inside the appliance (e.g. heater, ice-cream maker, etc).
- Do NOT stand or support yourself on the base, drawers or doors, etc.
- Bottles which contain a high percentage of alcohol must be sealed and placed vertically in the refrigerator.
- NEVER store products which contain flammable propellant gases (e.g. aerosols) or explosive substances in the appliance – **Explosion hazard!**

- Do NOT allow children to play with the appliance.
- If the appliance features a lock, keep the key out of the reach of children!
- NEVER use a steam cleaner to defrost or clean the appliance. Steam may come into contact with live components in the appliance and cause a short-circuit or an electric shock.
- Do NOT allow oil or fat to come into contact with the plastic components or door seal, otherwise the plastic parts and door seal could become porous.

General requirements

The appliance is suitable

- for refrigerating and freezing food,
- for making ice.

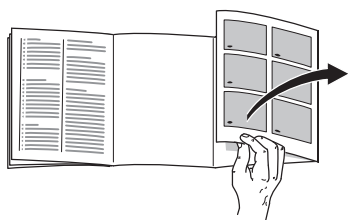
The appliance is designed for domestic use.

The appliance has been interference-suppressed in compliance with EU Directive 89/336/EEC.

The refrigerant circuit has been tested for leaks.

This product complies with the relevant safety regulations for electrical appliances (EXI 60335/2/24).

Getting to know your appliance



Please fold out the illustrated last page. These operating instructions refer to several models.

The illustrations may differ.

Example of features

*not all models

Fig. 1

- 1 Ventilation openings*
- 2 Temperature selector/Interior light
- 3 Shelf in the refrigerator compartment
- 4 Vegetable container
- 5 Butter and cheese compartment*
- 6 Egg rack
- 7 Shelf for tubes and small tins
- 8 Shelf for large bottles

Note ambient temperature and ventilation

The climatic class can be found on the rating plate. It specifies the ambient temperatures at which the appliance may be operated.

Climatic category	Permitted ambient temperature
SN	+10 °C to 32 °C
N	+16 °C to 32 °C
ST	+18 °C to 38 °C
T	+18 °C to 43 °C

Ventilation

The air at the back of the appliance will heat up. This warm air must be allowed to freely escape, otherwise the refrigerating machine must perform more. This raises electricity consumption. Hence, the air-inlet and outlet apertures should never be covered or blocked off!

Connecting the appliance

After installing the appliance, wait at least 1/2 hour until the appliance starts up. During transportation the oil in the compressor may have flowed into the refrigeration system.

Before switching on the appliance for the first time, clean the interior (see Cleaning).

The socket should be freely accessible.

Connect the appliance to 220–240 V/ 50 Hz alternating current via a correctly installed earthed socket. The socket must be fused with a 10 A fuse or higher.

If the appliance is to be operated in a non-European country, check on the rating plate whether the indicated voltage and current type correspond to the values of your mains supply. The rating plate is situated in the bottom left-hand side of the appliance. The power cord may be replaced by an electrician only.

Switching ON the appliance

Turn the temperature selector **Fig. 2/2** from “0”. The appliance begins to cool. When the door is open the interior light switches ON.

Setting the temperature

We recommend an average setting of approx. +4 °C.

Perishable food should not be stored warmer than +4 °C.

Turn the temperature selector **Fig. 2/2** to a setting. Higher settings indicate lower temperatures in the refrigerator and freezer compartments. We recommend the following settings:

- **Low setting** (energy-saving mode, e.g. 1–2) for short-term storage of food in the freezer compartment.
- **Medium setting** (e.g. 2–3) for long-term storage of food and for freezing fresh food.
- **Higher setting** (e.g. 4–5), temporary setting if: high ambient temperature, door opened frequently, large amounts of food placed in the refrigerator compartment.

Cooling capacity

The temperature in the refrigerator compartment may rise temporarily if fairly large quantities of food are placed in it.

Therefore, the temperature selector should be set to a higher setting (e.g. 4) for 7 hours.

Operating information

The temperature in the refrigerator compartment becomes temporarily colder:

- If large amounts of fresh food are frozen in the freezer compartment.

The temperature in the refrigerator compartment becomes warmer:

- If the appliance door is opened frequently
- If large amounts of food are inserted
- If the ambient temperature is high.

Condensation droplets or hoarfrost in the refrigerator compartment

While the refrigerating unit is running, condensation droplets or hoarfrost form on the rear panel of the refrigerator compartment. This is normal.

It is NOT necessary to wipe off the condensation droplets or the hoarfrost. The rear panel defrosts automatically. The condensation flows into the drainage channel **Fig. 3** and is conveyed to the refrigerating unit where it evaporates.

Switching OFF and disconnecting the appliance

Switching OFF the appliance

Turn the temperature selector **Fig. 2/2** to "0". The refrigerating unit and interior light switch OFF.

Disconnecting the appliance

If the appliance is not to be used for a prolonged period:

1. Pull out the mains plug
2. Defrost and clean the appliance
3. Leave the appliance door and freezer-compartment door open.

Rearranging the interior

If required, the interior shelves and the door containers can be repositioned: pull the shelf forwards, lower and swivel out sideways **Fig. 4**. Lift the container and remove **Fig. 5**.

Special features

(not all models)

"Vario" shelf

(For storage of tall items)

Fig. 6

Type A: The front half of the shelf can be pushed under the rear shelf.

Type B: Remove the front half of the split glass panel and insert into the groove situated below.

Bottle holder

Fig. 7

The bottle holder prevents bottles from falling over when the door is opened and closed.

Butter and cheese compartment

Figure 8

The bottom part of the cheese and butter dishes may be removed for cleaning.

Egg rack

Fig. 9

The egg racks in the containers can be lifted up, allowing the storage of tubes, small tins, etc.

Bottle shelf

Fig. 10

Bottles can be stored securely on the bottle shelf. The holder can be adjusted.

Usable capacity

According to the current standard the usable capacity **excluding interior features** is:

For the whole appliance:

KTR../KT..R 152 l

The usable capacity **including interior features** is:

For the whole appliance:

KTR../KT..R 146 l

Storing of food

Take note of the cold zones in the refrigerating zone!

Due to the air circulation in the refrigerating zone, zones with different temperatures are produced:

• Coldest zones

are on the rear walls and are found, according to model, between the printed side arrows and the glass shelf below **Fig. 11/A** or between both arrows **Fig. 11/B**

Note: Store the most sensitive foods in the coldest zones (e.g. fish, sausage, meat).

• Warmest zone

is near the door at the top.

Note: Store the following in the warmest zone, e.g. cheese and butter. When serving, the cheese keeps its aroma and the butter remains spreadable.

When storing the food, note

that food is well wrapped or covered over. In this way, the aroma, colour and freshness remain. Apart from which, the transfer of taste and dying of plastic parts is avoided.

We recommend that you arrange the food inside the refrigerator as follows:

- **on the shelves in the main refrigerator section** (from the top down): bakery products, ready-to-eat items, dairy products, meat and salami
- **in the vegetable containers:** vegetables, lettuce, fruit
- **in the door racks** (from the top down): butter, cheese, eggs, tubes, small bottles, large bottles, milk and fruit-juice cartons.

Cleaning the refrigerator

1. Pull out the mains plug or switch off the refrigerator at the main fuse box.
2. Clean the refrigerator with lukewarm soapy water.
3. Use clear water only to wipe the door seal clean and then rub it thoroughly dry.
4. When you have cleaned the refrigerator, plug it into the mains again and switch it on.

Important

Do not use a steam cleaner to defrost or clean the refrigerator. The steam could come into contact with live components and cause a short-circuit or electric shock. Steam could also damage the plastic parts of the appliance.

Do not use cleaning agents that contain scouring powder or acid-based solvents.

The water used for cleaning must not be allowed to penetrate the temperature selector or interior light **Fig. 2**.

Clean the drainage channel and outlet hole **Fig. 3** at regular intervals so that thawed water can flow out freely.

Clean the drainage channel with a cotton bud or similar item.

The water used for cleaning must not be allowed to pass out through the drainage hole and into the evaporator tray.

Do not clean the shelves and storage racks in a dishwasher. They could be deformed!

If appliances feature a ventilation grille in the base, the panel can be removed for cleaning. To do this, depress the clips in the ventilation slots and simultaneously remove the base panel forwards. **Fig. 12**

Important care information for stainless steel appliances

Use "Chromol" cleaning agent for cleaning stainless steel surfaces.

This cleaning agent is available on the market under the name "Chromol" or from your customer service under

ident-no. 310359 as a 500 ml spray can or under

ident-no. 166787 as a 50 ml trial can.

To prevent damage to the surfaces, under no circumstances use abrasive sponges, metal brushes, sharp-edged implements or scouring agents. Chemically aggressive cleaning agents, such as defrosting sprays, oven sprays, solvents or stain removers must not be used either.

The stainless steel surface should be cleaned in the direction of the grain.

Tips for saving energy

- Install the appliance in a dry, well ventilated room, but not in direct sunlight and not near a heat source (e.g. radiator, cooker, etc.). If required, use an insulating plate.
- Allow warm food and drinks to cool down before placing in the appliance!
- When thawing frozen products, place them in the refrigerator. The low temperature of the frozen products cools the food in the refrigerator.
- Open and close the door as briefly as possible.

Operating noises

Completely normal noises

Humming noise – refrigerating unit is running.

Bubbling, whirring or gurgling noises – refrigerant is flowing through the refrigeration tubing.

Clicking noise – motor is switching on or off.

Noises which can easily be eliminated

The appliance is not standing level

Please use a spirit-level to ensure that the appliance is standing level. Adjust the threaded feet or place something underneath to bring the appliance level.

The appliance is crowded

Please leave clearance between the appliance and surrounding furniture or appliances.

Drawers, baskets or storage surfaces are unsteady or stick.

Please check that the removable parts are correctly in position and reinsert if necessary.

The containers are touching

Place the bottles or containers a little apart.

Eliminating minor faults by yourself

Before you call customer service, please check whether you can eliminate the fault by yourself based on the following information.

A technician who is called out for consultation purposes will charge the customer, even if the appliance is still under guarantee.

Fault	Possible cause	Remedy
The interior light does not function; the refrigerating unit is running.	The incandescent bulb is defective.	Replacing the incandescent bulb. <ol style="list-style-type: none"> 1. Pull out the mains plug or switch OFF the fuse. 2. Pull the cover grid forwards Fig. 13/A. 3. Change the bulb (Replacement bulb, 220–240 V a.c., E14 lamp holder, see defective bulb for wattage).
	The light switch is jammed. Fig. 13/B	Check whether it can be moved.

Fault	Possible cause	Remedy
The floor of the refrigerator compartment is wet.	The condensation drainage pipe is blocked. Fig. 3	Clean the condensation channel and the drainage pipe (Fig. 3 , see “Cleaning the appliance”).
The temperature in the refrigerator compartment is too cold.	Temperature selector has been set too high.	Set the temperature selector to a lower setting.
The refrigerating unit switches ON ever more frequently and longer.	Appliance door opened frequently.	Do NOT open the door unnecessarily.
	The ventilation slots are blocked.	Remove any obstructions.
The refrigerator is not cooling.	The temperature selector is set to “0”.	Turn the temperature selector from “0”.
	Power failure; the fuse has been switched off; the mains plug has not been inserted properly.	Check that the power is ON and check the fuses.

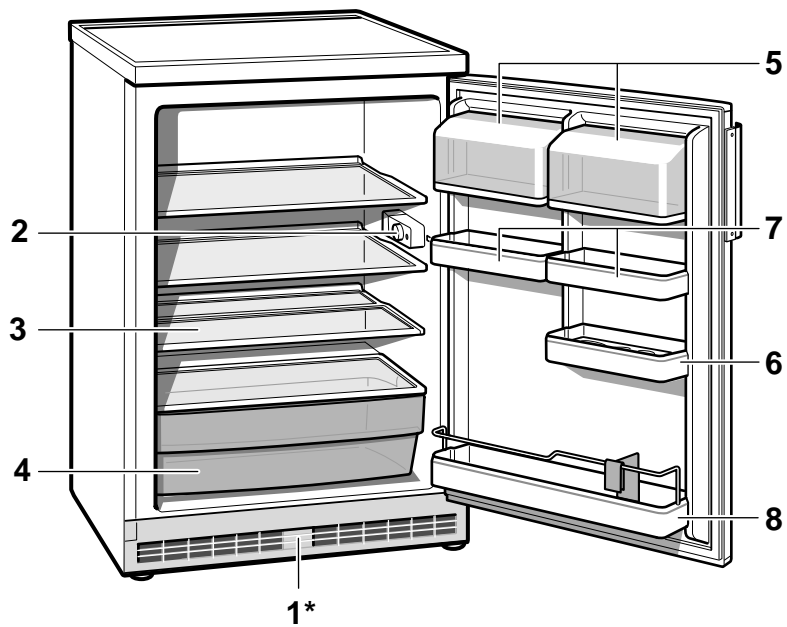
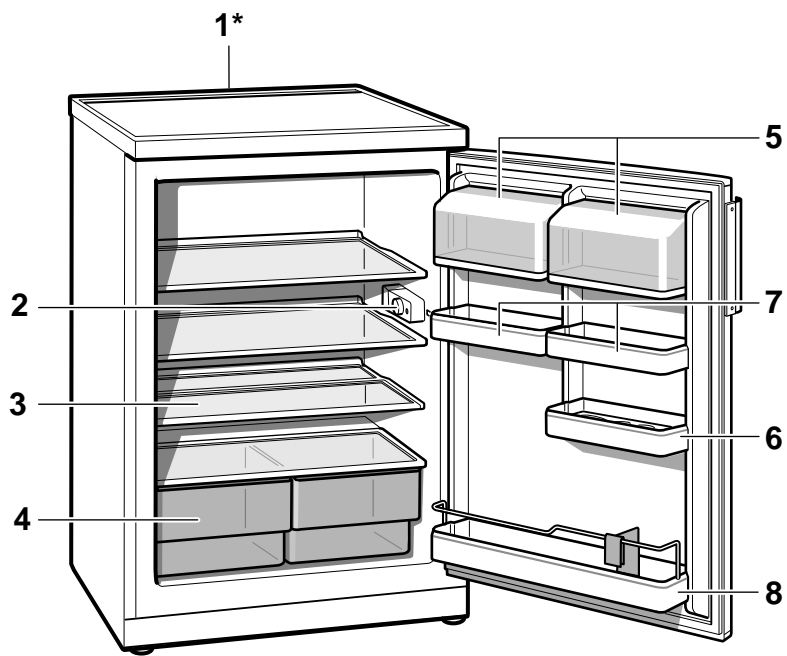
Customer service

Please check your telephone book or the customer-service list for your nearest customer-service facility. When contacting customer service, please ALWAYS quote the product number

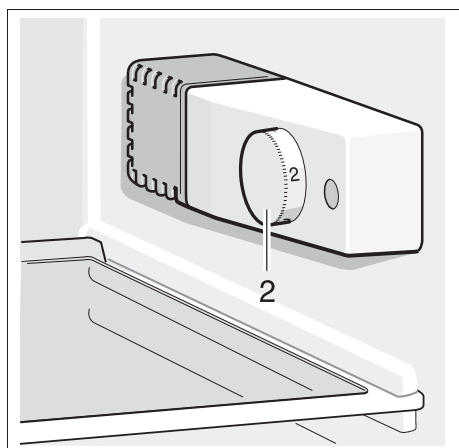
(E-number) and production number (FD-number) of your appliance.

These numbers can be found on the rating plate. **Fig. 14**

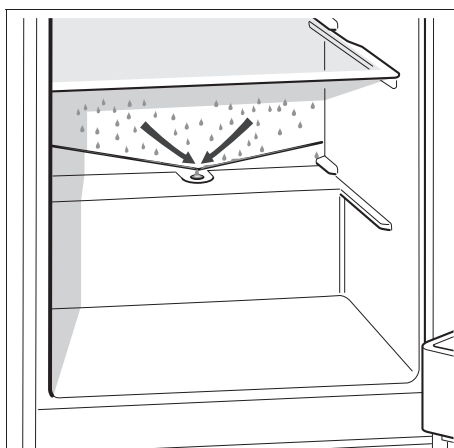
To prevent unnecessary call-outs, please assist customer service by quoting the product and production numbers. This will save you additional costs.



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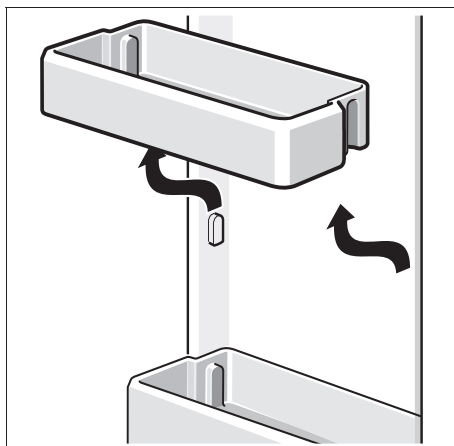
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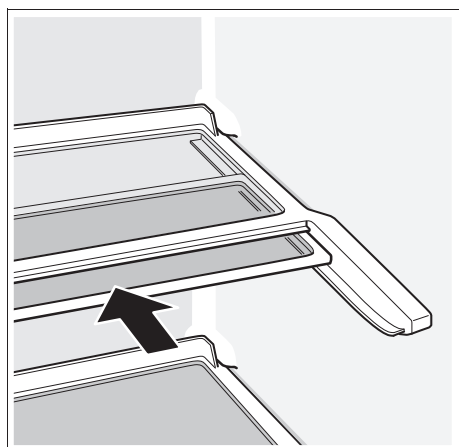
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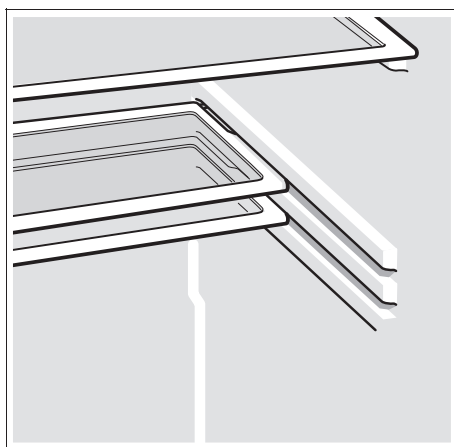
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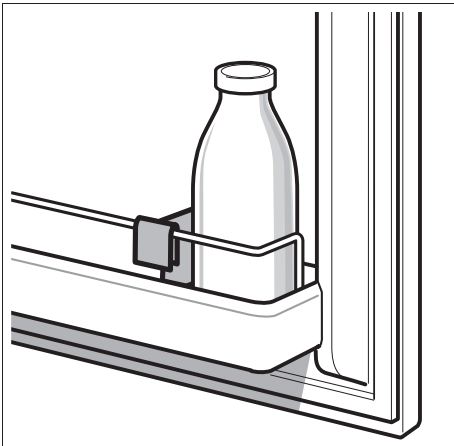


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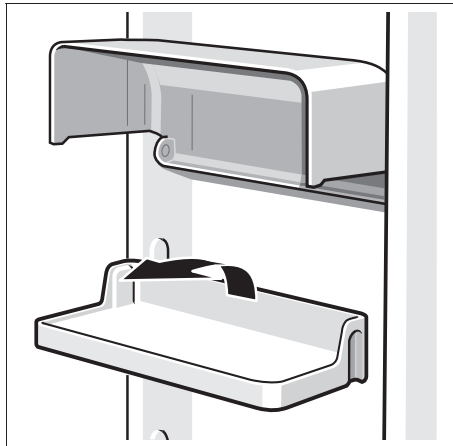


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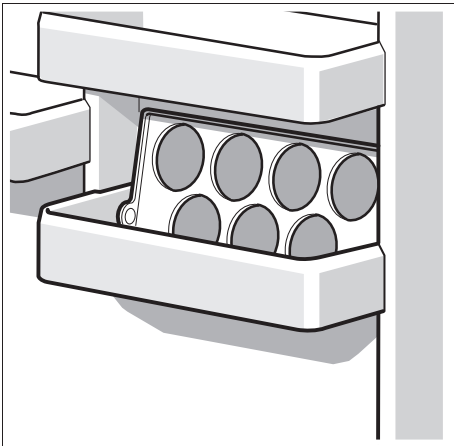
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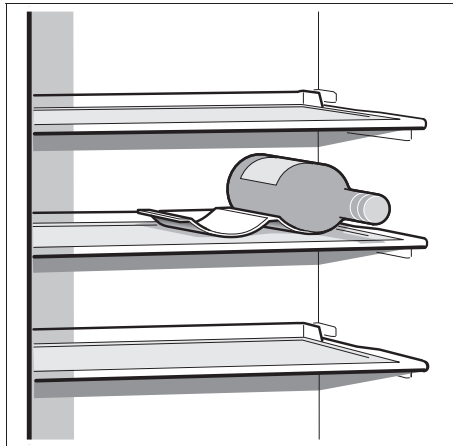
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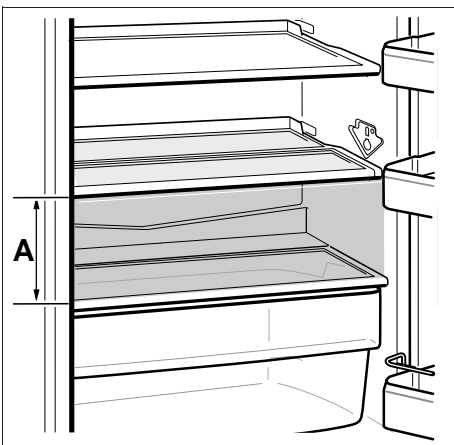
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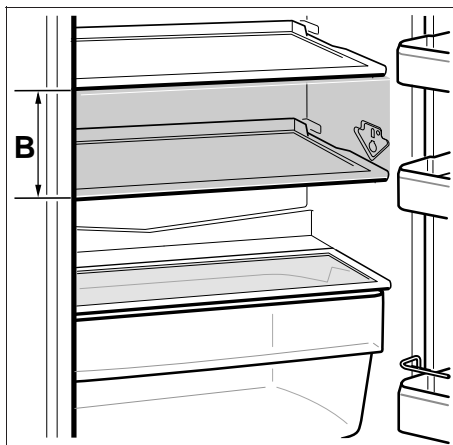
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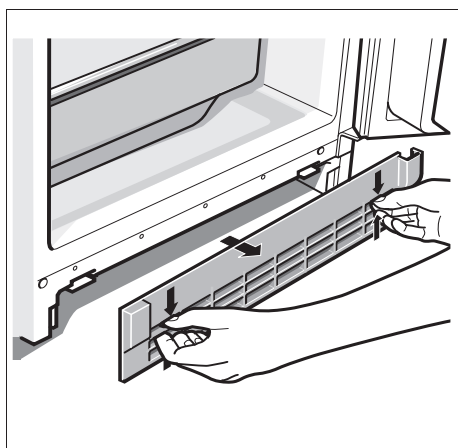


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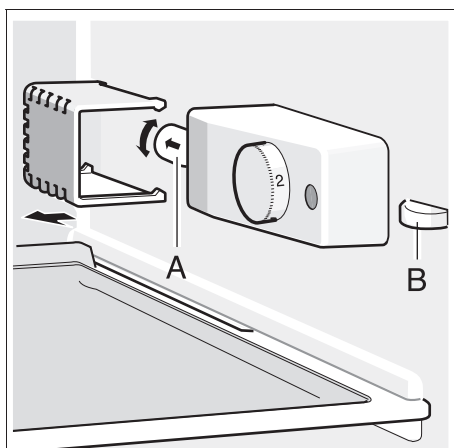


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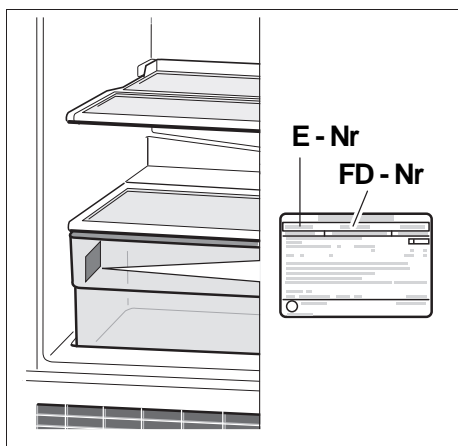
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12



13



14

Bosch Info-Team:
DE Tel. 0180/5 30 40 50 (EUR 0,12/Min. DTAG)

Subject to alterations.