

# Please read this guide first!

Our valued customer,




Thank you for choosing product. We want your product, produced with high quality and technology, to offer you the best efficiency. Therefore, read this entire manual and other supplied documents carefully before using the product.

Take into account all information and warnings specified in the user manual. In this way, you protect yourself and your product against possible dangers.

Keep the user manual. If you give the product to someone else, give the user manual along with it. Warranty terms, usage and troubleshooting methods for your product are included in the manual.

## Symbols and Their Explanations

The following symbols appear in the user manual:

	Danger that could result in death or injury.
	Important information or helpful tips on usage.
	Read the user manual.
<b>ANNOUNCEMENT</b>	Hazard that may result in material damage to the product or its environment.

# Safety Instructions

This section contains safety instructions that will help prevent personal injury or property damage.

Our company cannot be held responsible for any damages that may occur if these instructions are not followed.

- Always have installation and repair work done by an authorized service.
- Use only original spare parts and accessories.
- Do not repair or replace any part of the product unless expressly stated in the user manual.
- Do not make technical changes to the product.

## Additional Information

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# Purpose of usage

This product is designed to be used at home and in the following types of indoor spaces: For example;

- Staff kitchens of shops, offices and other working environments;
- Farm houses;
- Areas available to customers of hotels, motels and other accommodation facilities;
- Places that offer bed and breakfast, hostel-like environments.
- The product should only be used for washing household dishes.
  - The product is not suitable for commercial or public use.
  - The lifespan of the product you purchased is 10 years. This is the period of time in which the necessary spare parts are available for the product to operate as described.
  - This product is designed for home and under-counter use.

# Child, vulnerable person and pet safety

- This product can be used by children aged 8 years and above and persons whose physical, sensory or mental capabilities are not fully developed or who lack experience and knowledge, as long as they are supervised or trained on the safe use of the product and its hazards.
- Children under 3 years of age should be kept away from the product unless constantly supervised.
- Children should not play with the device.
- Electrical products are dangerous to children and pets. Children and pets should not play with, climb on, or climb into the product.
- Do not forget to close the door of the product when leaving the room where the product is located. Children and pets can become trapped inside the product and suffocate.
- Cleaning and user maintenance should not be carried out by children unless they are supervised.
- Keep packaging materials away from children. There is a risk of injury and suffocation.
- Keep all detergents and additives used in the product out of the reach of children.
- Before disposing of the product, for the safety of children, cut off the power plug and break the lock mechanism, rendering it inoperable.



# electrical safety

- The product should not be plugged into the socket during installation, maintenance, cleaning, repair and transportation operations.
- If the power cable is damaged, it must be replaced by an authorized service in order to prevent possible dangers.
- Do not pinch the power cord under or behind the product. Do not place a heavy object on the power cord. The power cable should not be excessively bent, crushed or come into contact with any heat source.
- Do not use an extension cord, multiple socket or adapter to operate the product.
- Portable power strips or portable power supplies can overheat and cause a fire. Therefore, do not place multiple sockets behind or near the product.
- The plug must be in an easily accessible place. If this is not possible, there must be a mechanism (fuse, switch, switch, etc.) on the electrical installation to which the product is connected, that complies with electrical regulations and separates all poles from the network.
- Do not touch the plug with wet hands.
- When removing the plug from the socket, pull the plug, not the cable.

# Transportation Security

- Before moving the product, unplug the product and remove the water drain and water network connections. Completely drain the remaining water inside the product.
- The product is heavy, do not carry it alone.

NOTICE Do not hold the door or panel of the product to move it.

NOTICE If you have to carry the product, carry it in an upright position and by holding it from the back. Tilting the product on its front may cause the electronic parts inside to get wet and get damaged.

NOTICE Be careful not to bend, pinch or break the hoses when placing the product in its place after assembly or cleaning operations.

# Installation Security

- To make the product ready for use, make sure that the electrical installation, clean water installation and water drain are suitable by looking at the information in the manual and installation instructions. If not, call a licensed electrician and plumber to make the necessary arrangements. These transactions belong to the customer.
- Before installing the product, check for any damage. If the product is damaged, do not install it.
- Do not install the product in places where the temperature drops below 0 °C.
- Do not place the product on a carpet or similar surface. It creates a fire risk because it cannot get air from the bottom.
- Place the product on a clean, flat and hard surface and balance it with the adjustable feet. If the foot adjustment is not made properly, the door may not close completely and hot steam may escape. It can cause serious burns and injuries, and can also damage your furniture.
- Do not install the product near heat sources (heater, stove, etc.) and do not install it under the cooking area of a stove.
- If you want to use it in a cabinet/cabinet/module, keep the cabinet doors open during operation if there are no spaces to provide adequate air circulation.
- Plug the product into a grounded socket protected by a fuse suitable for the current values specified on the type label. Have the grounding installation done by a specialist electrician. Do not use the product without grounding in accordance with local/national regulations.
- Plug the product into an outlet that complies with the voltage and frequency values specified on the type label.
- Do not plug the product into sockets that are loose, out of socket, broken, dirty, oily, or at risk of contact with water (e.g. water that may leak from the counter).

NOTICE It is necessary to use the new hose sets supplied with the product. Do not reuse old hose assemblies. Do not make attachments to hoses.

NOTICE Connect the water inlet hose directly to the water tap. The pressure coming from the tap should be at least 0.03 MPa (0.3 bar) and at most 1 MPa (10 bar). If the water pressure is above 1 MPa (10 Bar), a pressure reducing valve must be installed. The maximum permitted water temperature is 25°C.

- Position the power cord and hoses so that they do not pose a tripping risk.

# Usage Safety

Only detergents, rinse aids and additives suitable for dishwashers should be used.

Never use chemical solvents on the product. These substances carry the risk of explosion.

The washing water inside your product is not drinkable.

Dishwasher detergents contain strong alkalis and can be extremely dangerous if swallowed. Avoid contact with skin and eyes and do not let children approach the product while the lid is open. After the wash cycle is completed, check that the detergent tank is empty.

When you pull out the upper and lower baskets completely, the door of the product assumes the entire load of the baskets. Do not sit or place other loads on the door; Otherwise, the product may topple over.

## ANNOUNCEMENT



Product Maximum Washing capacity: It is stated under the Program Table on the Energy Label and Quick Use Card.

To prevent possible injuries, use a serving fork, bread knife, etc. Always place long, pointed dishes with the pointed ends down in the cutlery basket or horizontally on the crockery baskets.

If you need to open the door of the product while it is operating, open the door carefully. Be careful of hot steam and splashes of hot water that may escape.

Do not operate a defective or damaged product. Unplug the product (or turn off the fuse to which it is connected), close the water tap and call the authorized service.

Do not place a flame source (lit candle, cigarette, etc.) on or near the product. Do not keep flammable/explosive materials near the product.

Do not stand on the product.

When you will not use the product for a long time, unplug it and turn off the tap.

This product is 2000 m above sea level. It is designed to work up to altitude.

# Maintenance and Cleaning Safety

Maintenance and cleaning safety

Do not wash the product by spraying or pouring water on it.

Do not use sharp and abrasive tools when cleaning the product. Household cleaning products, detergent, gas, gasoline, thinner, alcohol, polish, etc. Do not use substances.

Gloves should be worn when cleaning the product.

Be careful against possible injuries when cleaning the sharp surfaces on the back of the product!

NOTICE Do not forget to replace the filter of your machine after cleaning it. Otherwise, you will cause the pumps to clog and the product to be damaged.

# Interior Lighting Bulb Replacement

Call the authorized service when the LED / bulb used for illumination on your machine needs to be replaced, depending on the model.

# Maintenance and Cleaning Safety

## ANNOUNCEMENT



Do not wash the product by spraying or pouring water on it.

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## ANNOUNCEMENT



Do not use sharp and abrasive tools when cleaning the product. Household cleaning products, detergent, gas, gasoline, thinner, alcohol, polish, etc. Do not use substances.

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## ANNOUNCEMENT



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## ANNOUNCEMENT



Be careful against possible injuries when cleaning the sharp surfaces on the back of the product.

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**NOTICE Do not forget to replace the filter of your machine after cleaning it. Otherwise, you will cause the pumps to clog and the product to be damaged.**

# Interior Lighting

## ANNOUNCEMENT



Call the service when the LED / bulb used for lighting on your machine needs to be replaced, depending on the model.

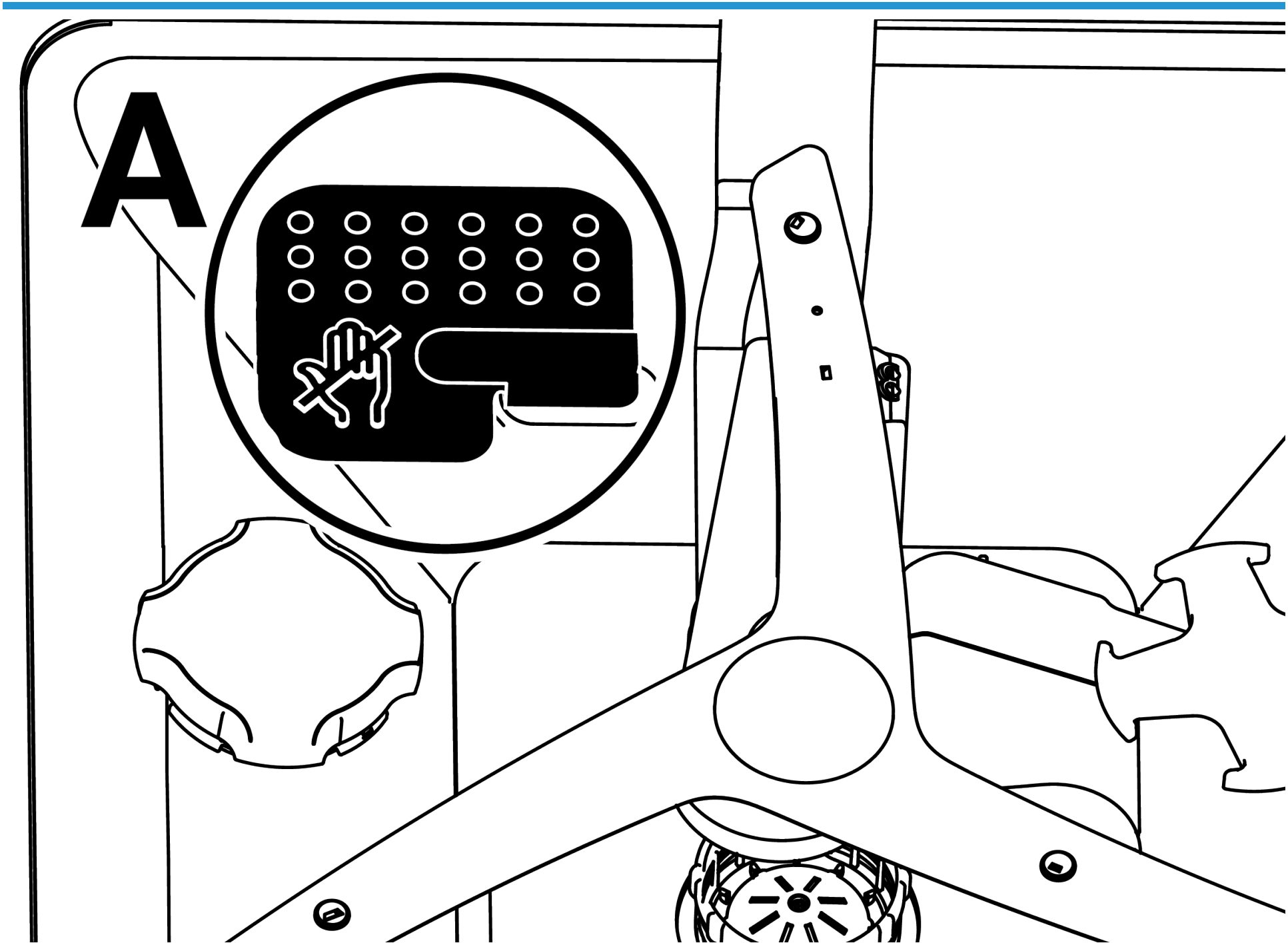
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# Additional Heater

## ANNOUNCEMENT



Your machine has a very powerful heating system. This system reaches high temperatures. Contact with the system may cause serious injuries. Do not touch the heater. Make sure that the dishes placed in the lower basket do not come into contact with the system.





# Environmental Instructions

## Additional Information

[Compliance with WEEE Regulation and Disposal of Waste Product](#)

[Packaging Information](#)

[Note for Testing Institutes](#)

[Standard conformity and testing information / EC declaration of conformity](#)

[This section applies to products with Wi-Fi feature.](#)

[Energy Label](#)

# Compliance with WEEE Regulation and Disposal of Waste Product

This product does not contain harmful and prohibited substances specified in the "Regulation on the Control of Waste Electrical and Electronic Equipment" published by the Ministry of Environment and Urbanization of the Republic of Turkey. It complies with the WEEE Regulation.

## ANNOUNCEMENT



This product is manufactured from high quality parts and materials that are recyclable and reusable. Therefore, do not dispose of the product with household or other waste at the end of its service life. Take it to a collection point for the recycling of electrical and electronic equipment. Ask your local government about these collection points. Help protect the environment and natural resources by recycling used products. Before disposing of the product, for the safety of children, cut off the power plug and break the locking mechanism of the loading door, rendering it inoperable.

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# Packaging Information

The packaging of the product is made of recyclable materials in accordance with our National Legislation. Do not dispose of packaging waste together with household or other waste, dispose of it at packaging collection points specified by local authorities.

# This section applies to products with Wi-Fi feature.

Frequency Band: 2.4Ghz

Max. Transmission Power: < 100mW

# Energy Label

ANNOUNCEMENT



You can access the technical information of the product by scanning the QR code on the energy label with a mobile device connected to the internet.



ENERG⚡

XXXXXXXXXXXXX (\*)



# Technical Specifications

Maximum washing capacity: It is stated under the Program Table on the Energy Label and Quick Use Card.
Height: 82-87
Width: 60
Depth:57
Electrical input: 220-240 V, 50 Hz
Total power: 2000-2400W
Heater power: 2040 W*
Total current: 10 A*
Pump power: 105W
Drain pump power: 30 W*
* For detailed electrical values, see the type label on the machine door.
Water Pressure 0.3 –10 bar (= 3 – 100 N/cm <sup>2</sup> = 0.03-1.0 Mpa)

## ANNOUNCEMENT



Technical specifications may be changed without prior notice to improve product quality.

## ANNOUNCEMENT



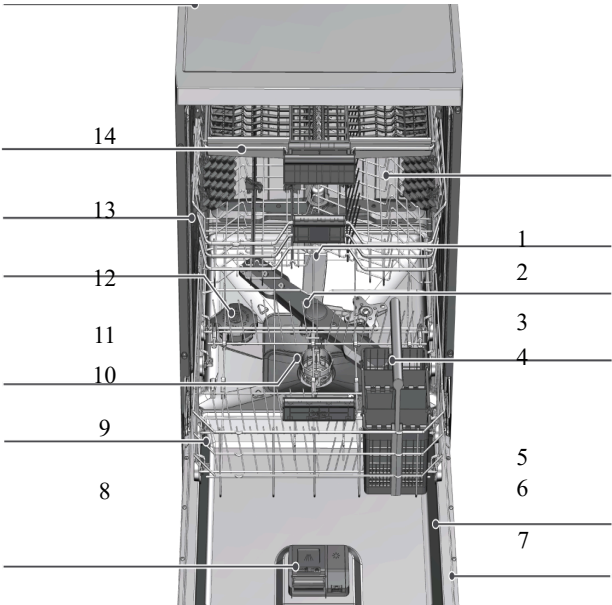
The figures in the manual are schematic and may not be in exact harmony with the product.

## ANNOUNCEMENT



The values declared on the markings on the product or in other printed documents supplied with the product are the values obtained in the laboratory environment according to the relevant standards. These values may vary depending on the usage and environmental conditions of the product.

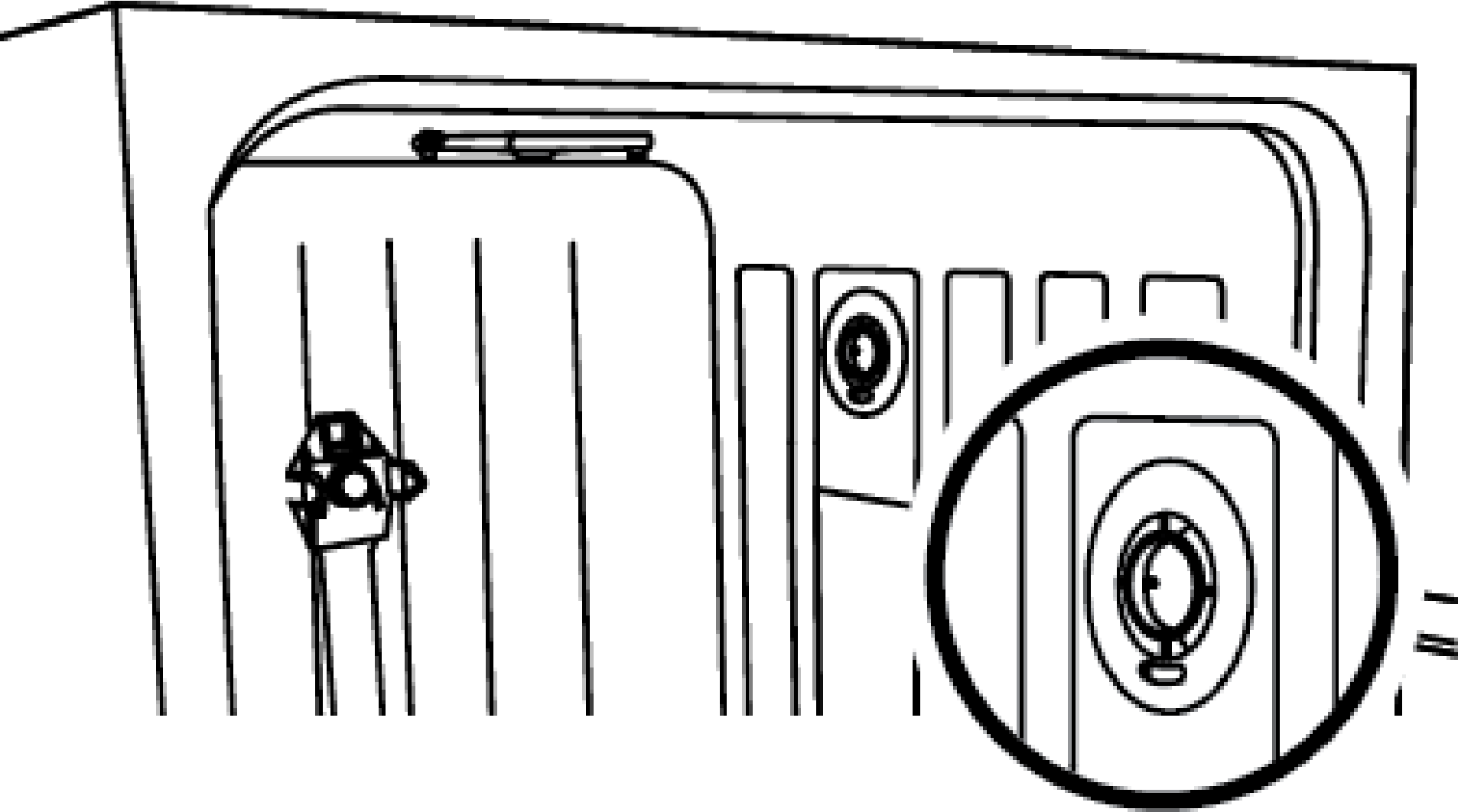
# General view



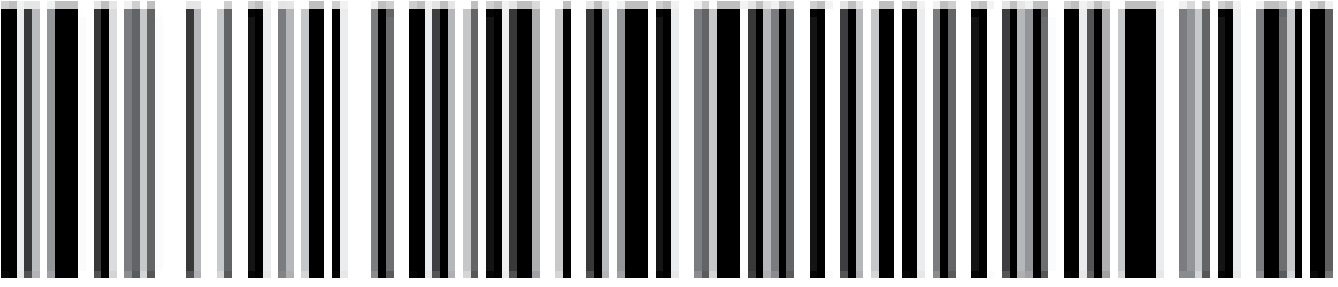
one	Upper Basket	2	Upper Propeller
3	Lower Propeller	4	Fork Spoon Basket
5	Door	6	Type Label
7	Control Panel	8	Detergent Zone
9	Lower Basket	10	Filters
11th	Salt Compartment Cover	12	Upper Basket Rail
13	Roof Cutlery Basket (depending on model)	14	Top Table

## 15. Fan Drying System

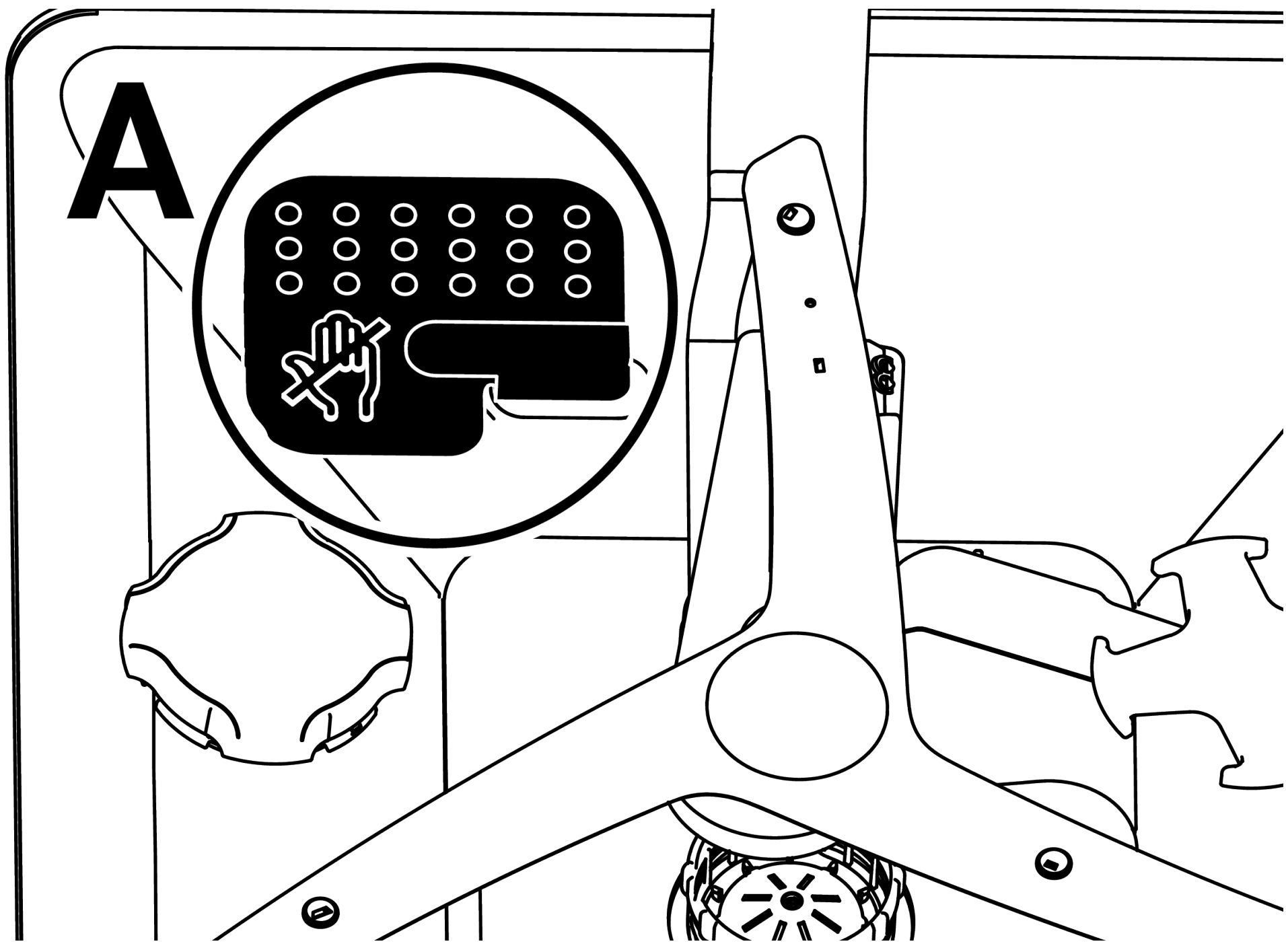
(depending on model)



The type label varies depending on the model.

XXXX XXXX	XXXX XXXX	Model: XXXXXX
		XXXX
		
Stock No: XXXXXXXXXXX		Serial No: XXX-XXXXXX-XX

Additional Heater





# Setup

## ANNOUNCEMENT



Read the “Safety Instructions” section first!

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Preparation of electricity, clean water and waste water installations of the place where the product will be placed is the customer's responsibility. Before calling the authorized service to make the product ready for use, if the electrical installation, clean water installation and water drain are not suitable, call a qualified electrician and plumber to make the necessary arrangements.

## ANNOUNCEMENT



Installation and electrical connections must be made by an authorized service. The manufacturer cannot be held responsible for any damages that may arise from operations carried out by unauthorized persons.

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## ANNOUNCEMENT



Before installing the product, check for any damage. If the product is damaged, do not install it. Damaged products pose a danger to your safety.

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## ANNOUNCEMENT



For freestanding and under-counter models, the kick plate of the device should not be removed. This voids the warranty.

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- Make sure that the water inlet and discharge hoses are not folded, pinched or broken when placing the product in its place after assembly or cleaning operations.
- When placing the product, do not touch the ground, wall, pipes, etc. Be careful not to damage it. Do not hold the door or panel of the product to move it.

# Additional Information

- [Right place for installation](#)
- [Connecting to the water network](#)
- [Connecting to water drain](#)
- [Adjusting the feet](#)
- [Electrical connection](#)

# Right place for installation

- There should not be a lockable, sliding or hinged door that would restrict the full opening of the door where the product is installed.
- Place the product on a solid and level surface with sufficient load-bearing capacity! It is necessary to place the machine on a flat surface so that the door can close properly and tightly.
- Do not install the product in environments where the temperature drops below 0 °C.
- Place the product on a hard surface. Do not place on a long-pile carpet or similar surface.
- Choose a place where you can load and unload dishes easily and quickly.
- Place the product close to the faucet and drain. Choose the location of the product so that it does not change after connections are made.

## ANNOUNCEMENT



Do not place the product on the power cord. The cable may be damaged and cause electric shock or fire.

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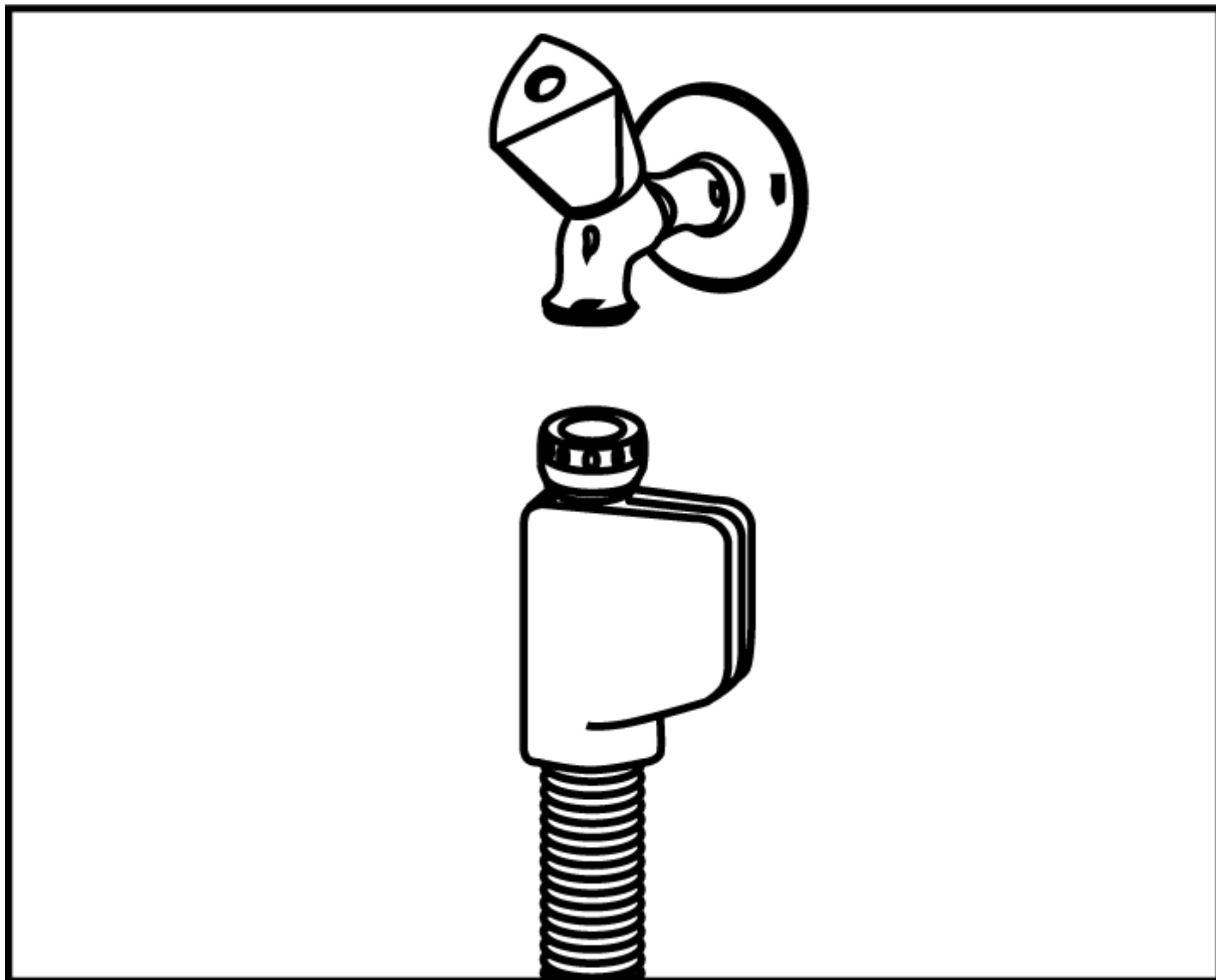
# Connecting to the water network

We recommend installing a filter at the water inlet to prevent dirt (sand, clay, rust, etc.) that may come from the city network or your water installation from damaging your machine and dishes.

Permissible water inlet temperature maximum:

- 60 °C in models with this feature.
- Up to 25 °C for other models.

## feature



- Protect the system against water leaks that may occur at the hose inlet. Water contact with the valve box of the system should be prevented. Otherwise, electrical components will be damaged.
- Since the hose contains electrical connections and parts, do not shorten the hose in any way or extend it with additional parts.
- If the system is damaged, unplug the product and call the authorized service.

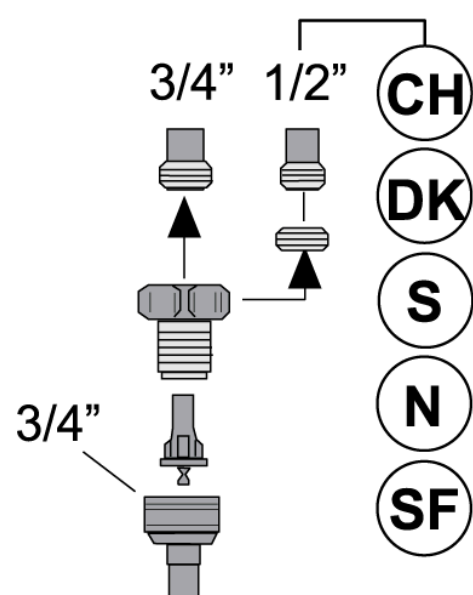
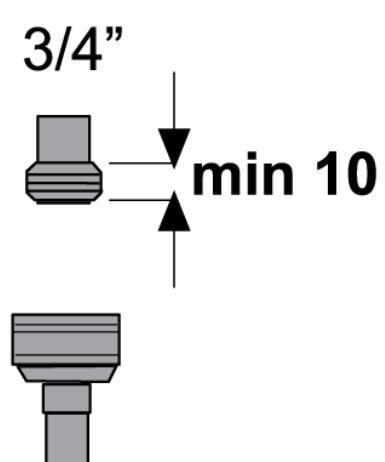
The dishwasher should not be connected to warm water appliances or running water heaters.

NOTICE Do not use old or used water inlet hose on the new product. Use the new water inlet hose supplied with the machine. Do not make attachments to hoses.

NOTICE Connect the water inlet hose directly to the water tap. The pressure coming from the tap should be at least 0.3 and at most 10 bars. If the water pressure is above 10 bars, a pressure reducing valve must be installed.

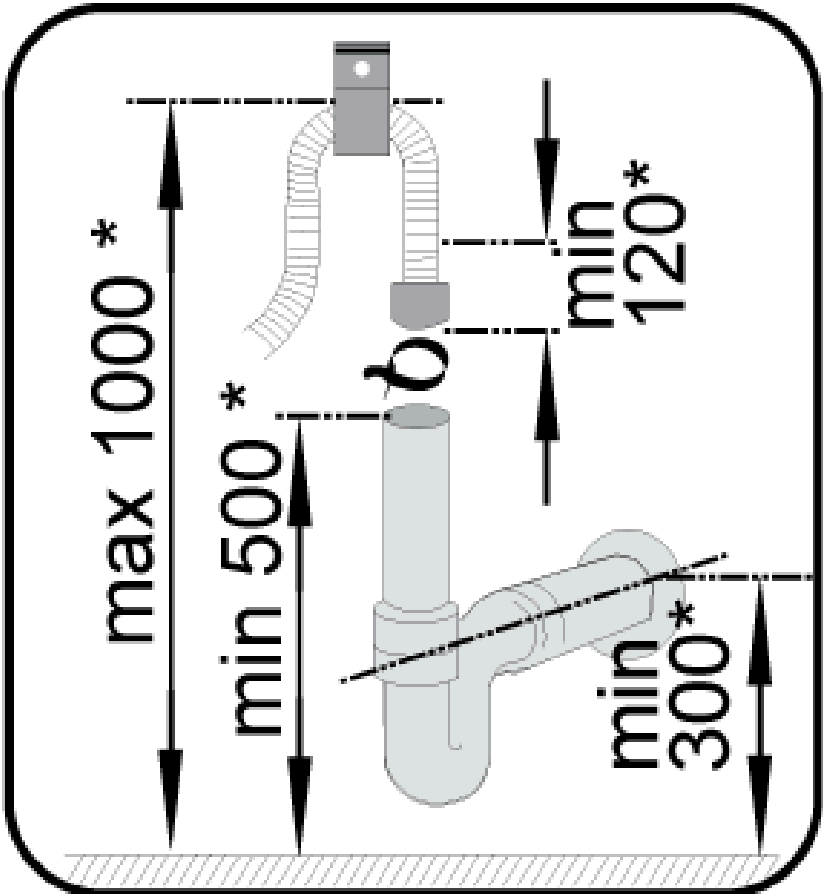
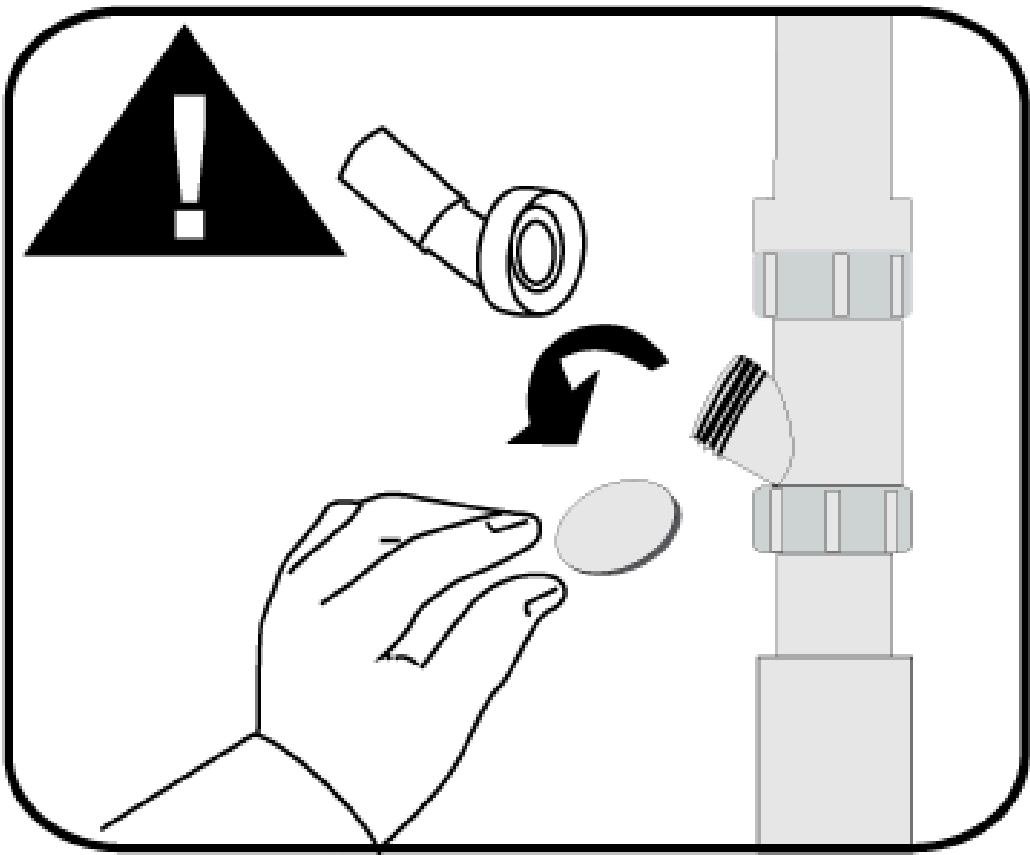
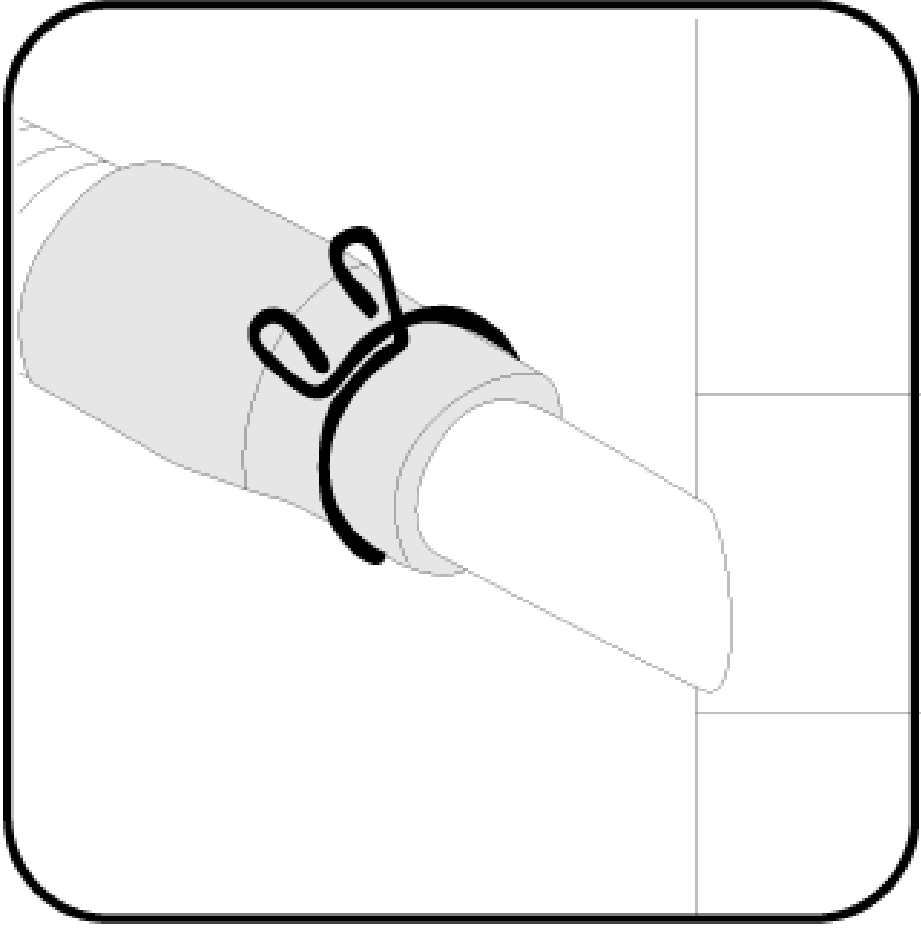
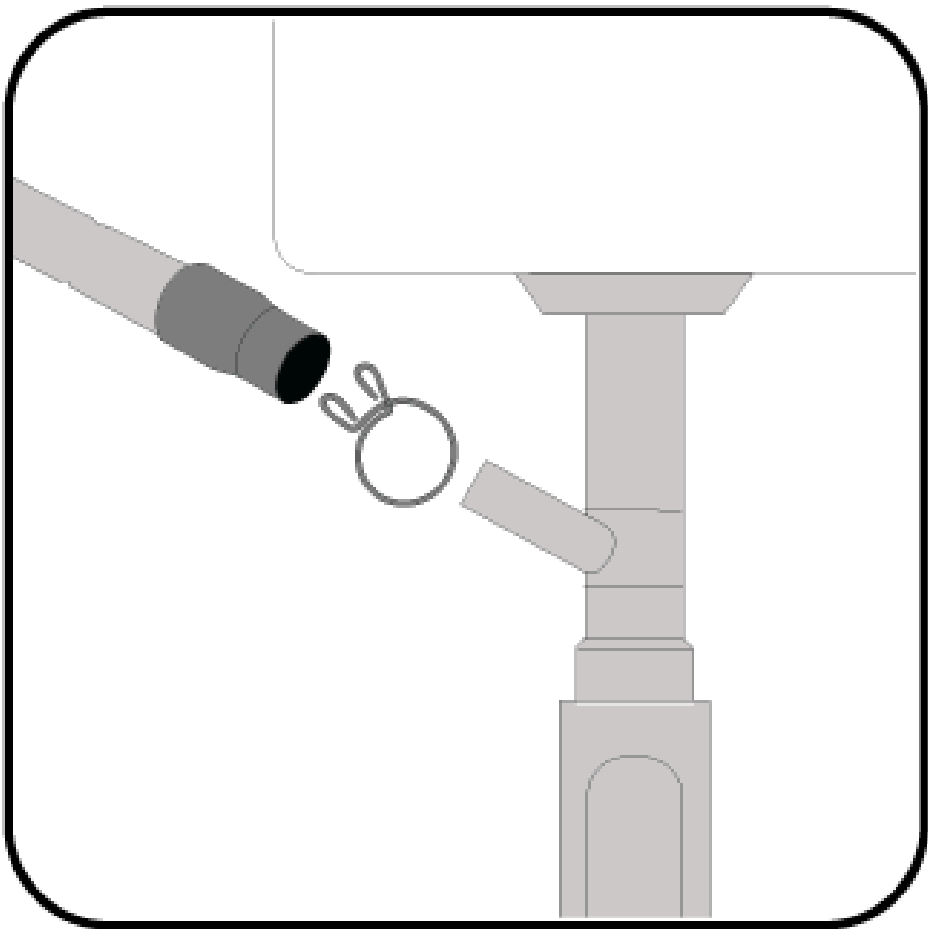
NOTICE The water mains and drain hose must be securely fixed and undamaged.

NOTICE After making the connections, open the tap fully and check for water leakage.



# Connecting to water drain

The water discharge hose can be connected directly to the wastewater drain or to the sink drain. For more detailed information, see the assembly instructions supplied with your machine.



\* mm

The wastewater drain must be connected to the sewer and must not be connected to surface water.

# Adjusting the feet

If the door of the product does not close properly or shakes when you gently push it with your hand, it means that the feet are not adjusted. Adjust the product's feet as shown in the installation manual supplied with the product.

## ANNOUNCEMENT



If the dishwasher door is not adjusted properly, hot steam may escape. It can cause serious burns, injuries, and damage your furniture.

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# Electrical connection

## ANNOUNCEMENT



Connect the product to a grounded socket protected by a fuse complying with the values in the “Technical specifications” table. Our company will not be responsible for any damages that may occur if the product is used without grounding in accordance with local regulations.

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- The connection must comply with national regulations.
  - The plug of the power cord must be easily accessible after installation.
  - Connect the product to a grounded outlet protected by a 16-amp fuse.
  - The specified voltage must be equivalent to your mains voltage.

## ANNOUNCEMENT



Do not connect with extension cords or multiple sockets.

## ANNOUNCEMENT



A damaged power cord must be replaced by an authorized service.



# Preliminary

## ANNOUNCEMENT



Read the "Safety Instructions" section first!

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## Additional Information

[Things to do to save energy](#)

[water softening system](#)

[Adjusting the Water Softener System](#)

[Filling the salt](#)

[Detergent](#)

[Polisher](#)

[Parts that are not suitable for washing in the dishwasher](#)

[Placing the dishes into the machine](#)

[Adjusting the upper basket height](#)

[Height Adjustable Top Basket Rack](#)

[Lower basket multi-purpose / height adjustable serving rack](#)

[Tray Washing Support Part](#)

[ceiling cutlery basket](#)

[Foldable top basket wires](#)

[Foldable lower basket wires](#)

[Top basket multi-purpose serving rack](#)

[Lower Basket Bottle and Plate Holder Part](#)

[fork spoon basket](#)



# Things to do to save energy

The following information will help you use the product in an ecological and energy-saving manner.

Before putting the dishes in the machine, remove all coarse waste.

## ANNOUNCEMENT



Pre-cleaning the dishes before loading them into the machine is not recommended as it will consume energy and water.

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## ANNOUNCEMENT



Washing dishes with a dishwasher consumes less energy and water than washing them by hand.

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Start the machine after filling it completely.

When choosing a program, pay attention to the "Programme Information and Average Consumption Values Table".

Do not use more detergent than recommended on the detergent packaging.

# water softening system

There is a special water softening system inside the machine that reduces the hardness of mains water. This system softens the water to the required level to wash the dishes with the desired quality.

## ANNOUNCEMENT



If the mains water hardness is above 7°dH, it should be softened. Otherwise, hardness ions will accumulate on the washed items and may affect the washing, polishing and drying performance of the machine.

## Adjusting the water softening system

Washing efficiency will increase when the water softening system is adjusted correctly.

Read the section on adjusting the water softener system first.

Regeneration of the water softening system can occur in all programs during the drying step. When the renewal process is performed, the duration, energy and water consumption of the program increases. For the renewal process; When the dishwasher is operated with 14 dH water supply under standard conditions in the Eco 50°C program, the frequency of renewal, maximum additional time, water and energy consumption depending on the water consumption of the Eco 50°C program are given in the table below.

Eco 50°C water consumption (l)	.... Refresh after cycle	Extra time (min)	Additional water consumption (l)	Additional energy consumption (kWh)
12.3-14.7	5	5	3.0	0.05
9.6-12.2	6	5	3.0	0.05
9.0-9.5	7	5	3.0	0.05
8.0-9.0	8	5	3.0	0.05
7.0-7.9	9	5	3.0	0.05

For water consumption in the Eco 50°C program of your dishwasher, see the Program Information and Average Consumption Values Table given in the Program Table.



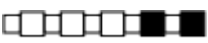



# Adjusting the Water Softener System

When the water softening system is adjusted correctly, the washing, rinsing and drying performance of your dishwasher will increase.

**NOTICE To adjust the system, first find out your water hardness level from the authorized service in your region and adjust it as follows.**

After detecting water hardness:

- 1 With the door closed, after turning on your machine with the On/Off button, enter the Sub-Menu by pressing the On/Off and P2 program buttons simultaneously for 3 seconds.
2. Press the P2 program key to move to the "r" position on the screen.
3. Adjust it to the appropriate level by selecting one of the "r:1", "r:2", "r:3", "r:4" or "r:5" positions with the P3 program key.
- 4.Exit the settings menu by pressing the On/Off button for 3 seconds. Your settings will be saved automatically.

Hardness Level	English Hardness °dE	German Hardness °dH	French* Hardness °dF	Water Hardness Level Indicator
Level 0 	0-5	0-4	0-8	Press the selection button to set the water hardness setting to 1. (r1)
Level 1 	6-9	5-7	9-13	Press the selection button to set the water hardness setting to 1. (r1)
Level 2 	10-15	8-12	14-22	Press the selection button to set the water hardness setting to position 2. (r2)
Level 3 	16-19	13-15	23-27	Press the selection button to set the water hardness setting to position 3. (r3)
Level 4 	20-24	16-19	28-34	Press the selection button to set the water hardness setting to position 4. (r4)
Level 5 	25-62	20-50	35-90	Press the selection button to set the water hardness setting to 5. (r5)

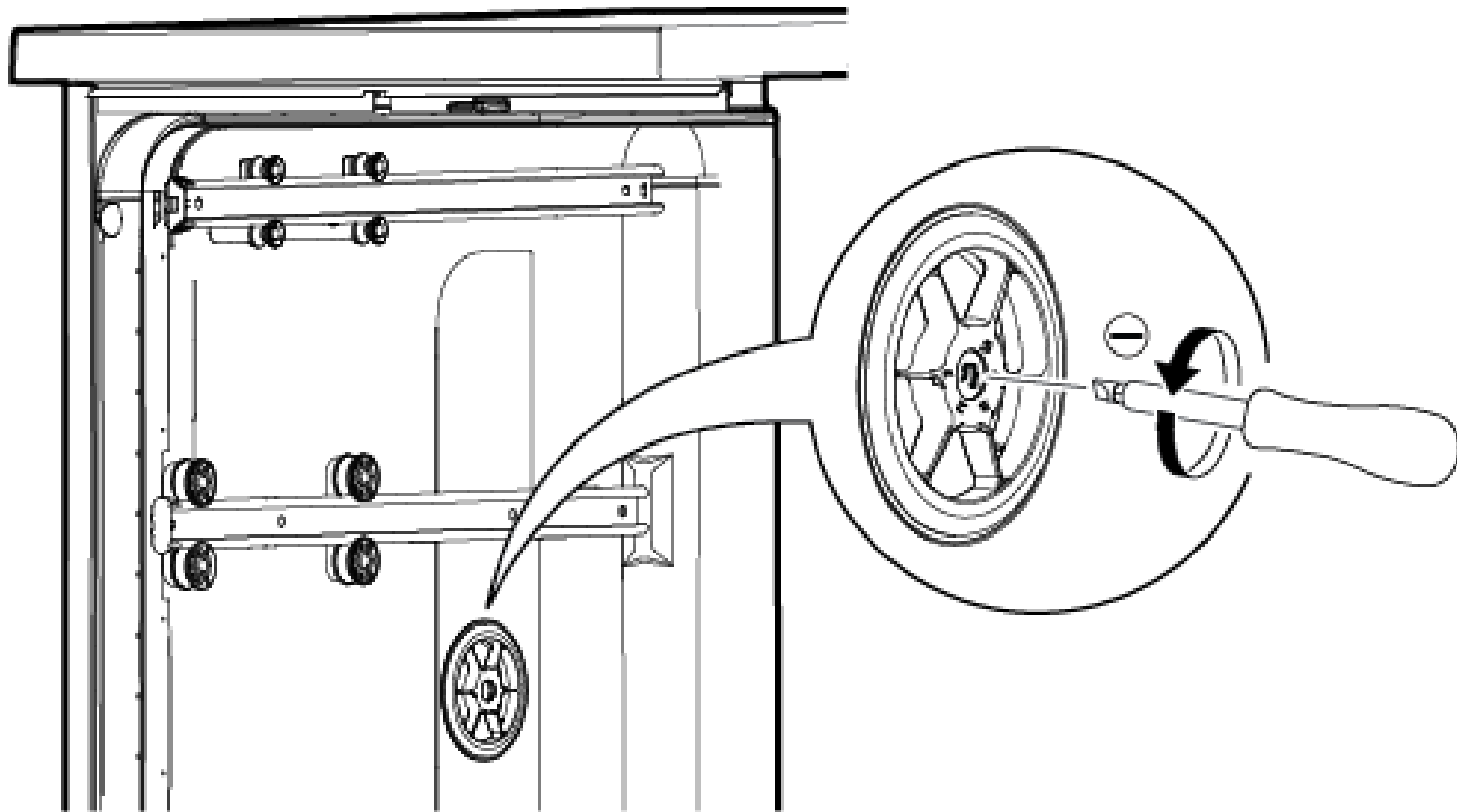
Water Hardness Level Adjustment Table

Make the same hardness level you set on the control panel with the regeneration adjustment switch. For example, if the setting you made on the control panel is 3, set the regeneration setting switch to 3 as well.

- If the hardness of the water you use is above 50° dH (French hardness) or if you use well water, it is recommended to use filters and water purification devices.
- If the hardness of the water you use is below 7°dH, you do not need to use salt in your dishwasher. In this case, the "Salt Deficiency Warning indicator" on the control panel of your machine will be constantly on.
- If your water hardness setting is at level 1, the "Salt Lack Warning indicator" will continue to light even though you do not need to use salt. If you use salt in this position, the salt will not be consumed and the lamp will not turn on.

**NOTICE In case of moving, you must re-adjust the water hardness setting of your machine according to the water hardness of the place you move to, taking into account the information given above. If the water hardness setting has been adjusted on your machine before, the last water hardness setting will be shown on the screen of your machine.**

# Mechanical Water Hardness Adjustment



The glass care function setting is used to adjust the water hardness level of the pre-softened washing water in the dishwasher. The setting should be made according to the water hardness adjustment level. Adjustment is made with the help of a wide flat screwdriver. Screwdriver is used to turn the mechanical glass maintenance adjustment switch. Just turn the Mechanical switch to the same position as the water hardness setting level.

For example

For water hardness level "r3", set the Mechanical Glass Care adjustment switch to position 3

For water hardness level "r4", set the Mechanical Glass Care adjustment switch to position 4

# Filling the salt

In order for the machine to always operate at the same performance, the water softening system must be renewed. Dishwasher salt is used for this purpose.

## ANNOUNCEMENT



Use special softening salt in the machine, produced only for use in dishwashers.

## ANNOUNCEMENT



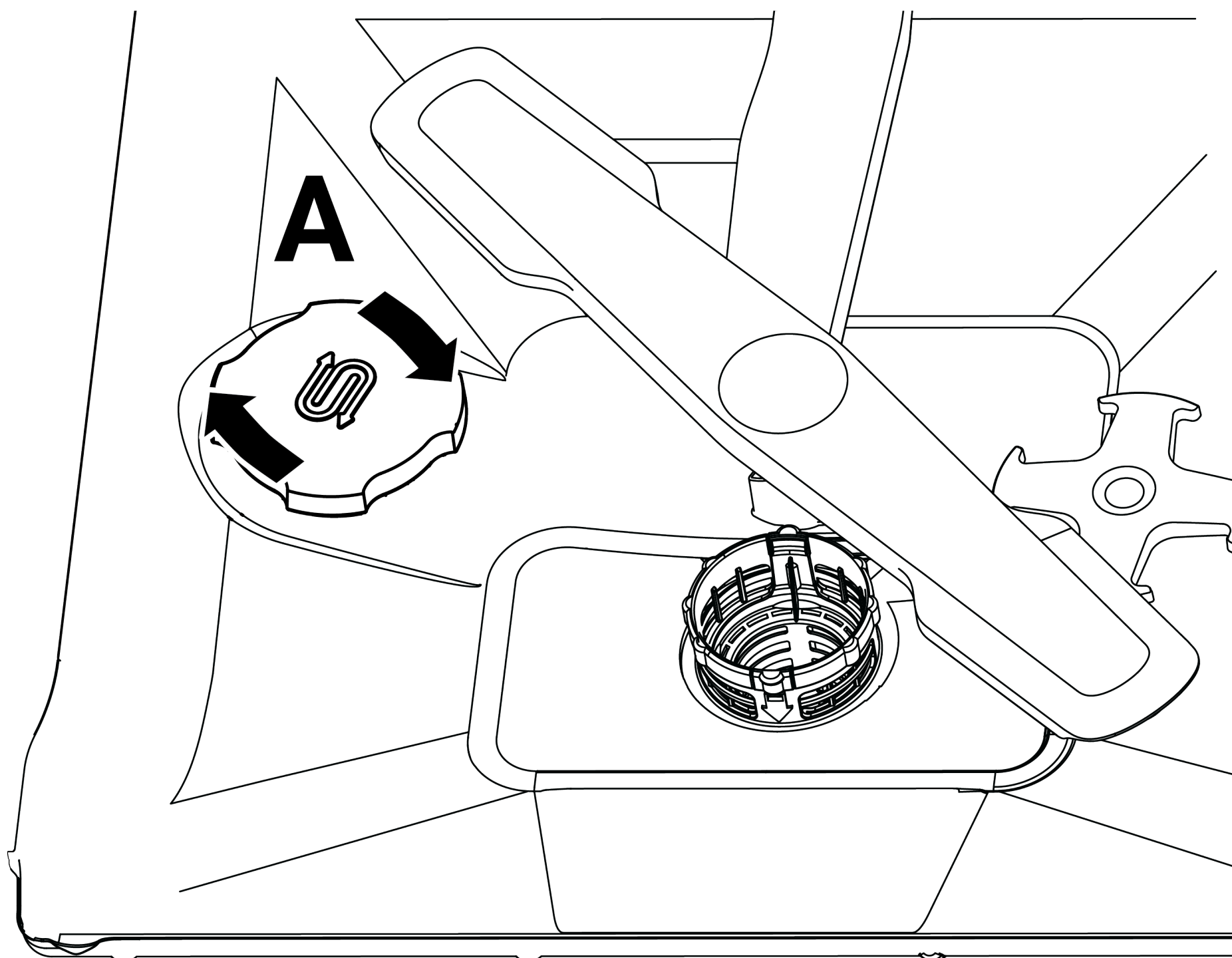
It is recommended to use granular or powder softening salts in the water softening system. Do not use salts that do not dissolve fully in water, such as table salt or rock salt. Otherwise, the performance of the system may deteriorate over time.

## ANNOUNCEMENT

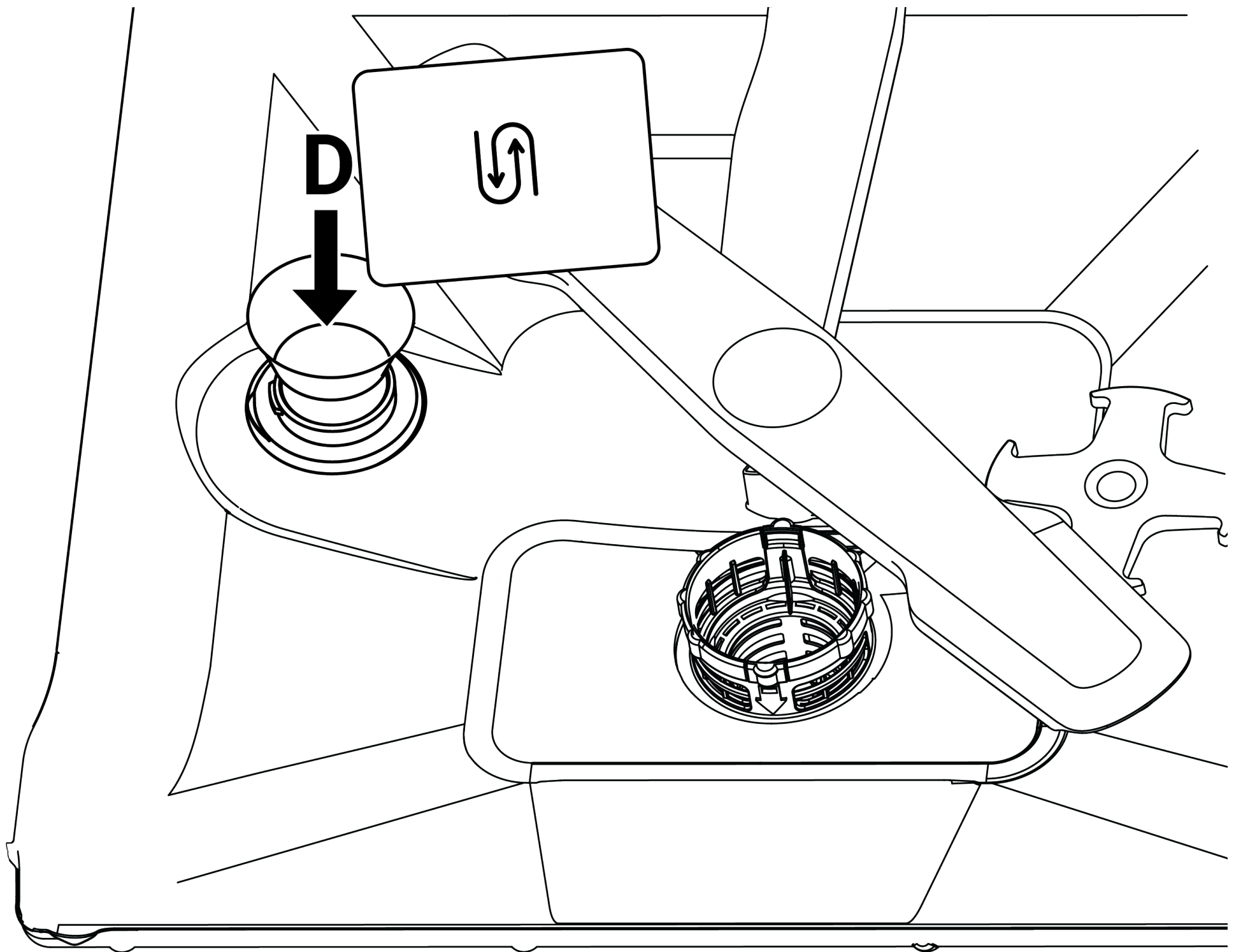


The salt compartment fills with water when you start the machine. Therefore, fill the salt compartment before starting it.

1. To add softening salt, first remove the lower basket.
2. Open the salt compartment lid by turning it counterclockwise (A).



3. Add 1 liter of water to the salt compartment only when using your machine for the first time.
4. Fill the salt compartment with salt (D). Stir with a spoon to accelerate the dissolution of salt in water.



## ANNOUNCEMENT



You can put approximately 2 kg of softening salt into the salt compartment.

1. After the compartment is full, replace the lid and screw it closed.

## ANNOUNCEMENT



Adding salt should be done just before starting the machine. In this way, the overflowing salt water is cleaned immediately and the risk of corrosion inside the machine is prevented. If you do not want to wash immediately, run your machine empty and without detergent on the shortest cycle.

## ANNOUNCEMENT



Different brands on the market have different salt grain sizes and depending on water hardness, it may take several hours for the salt to dissolve in the water. For this reason, after filling the salt into the machine, the "Salt Lack Warning indicator" continues to light for a certain period of time.

# Detergent

You can use powder, liquid/gel and tablet detergent in the machine.

## ANNOUNCEMENT



Use only detergent produced for use in dishwashers. We recommend that you do not use detergents containing chlorine and phosphate as they are harmful to the environment.

## Filling the detergent

To obtain good washing and drying results, pay attention to the warnings given on the detergent packaging. For additional questions, contact the detergent manufacturer.

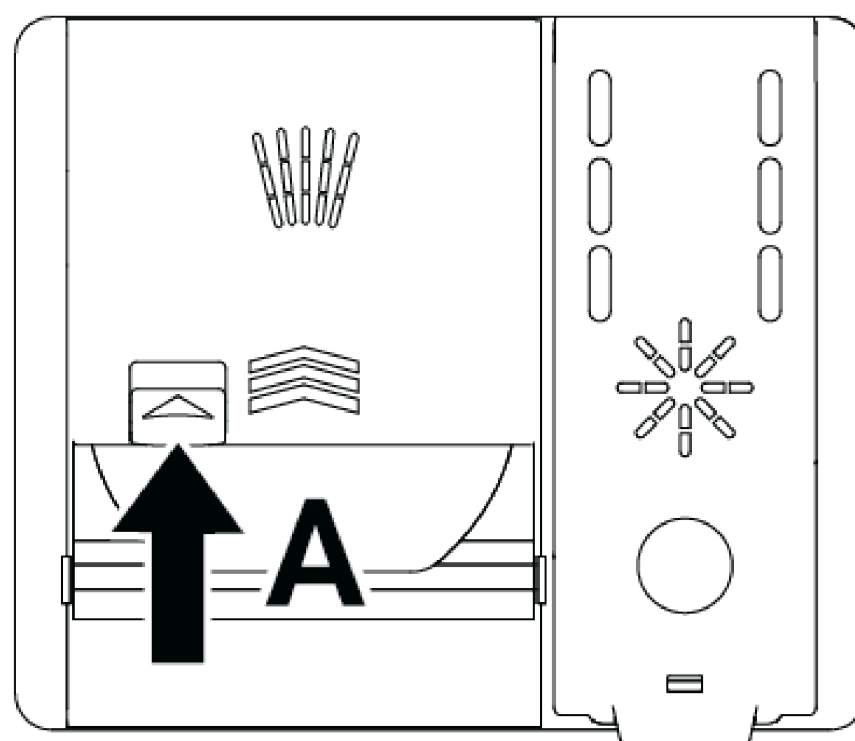
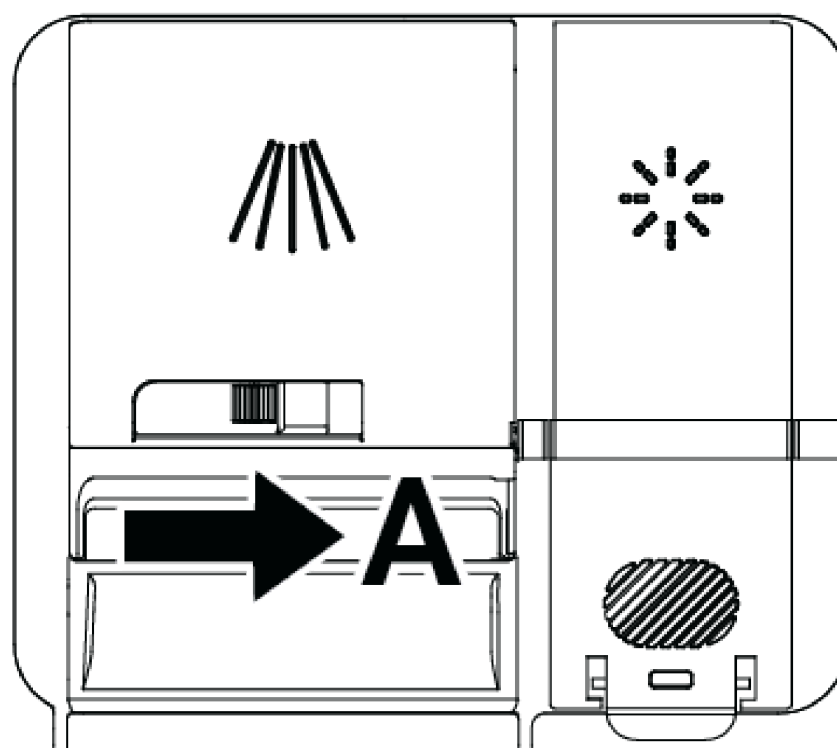
## ANNOUNCEMENT



Do not put solvents into the detergent compartment. There is danger of explosion!

Put the detergent into the detergent compartment just before starting the machine as follows.

1. Open the detergent compartment cover (A) by pushing the latch to the right (depending on the model).



2. Put the specified amount of powder, liquid/gel or tablet detergent into the compartment.

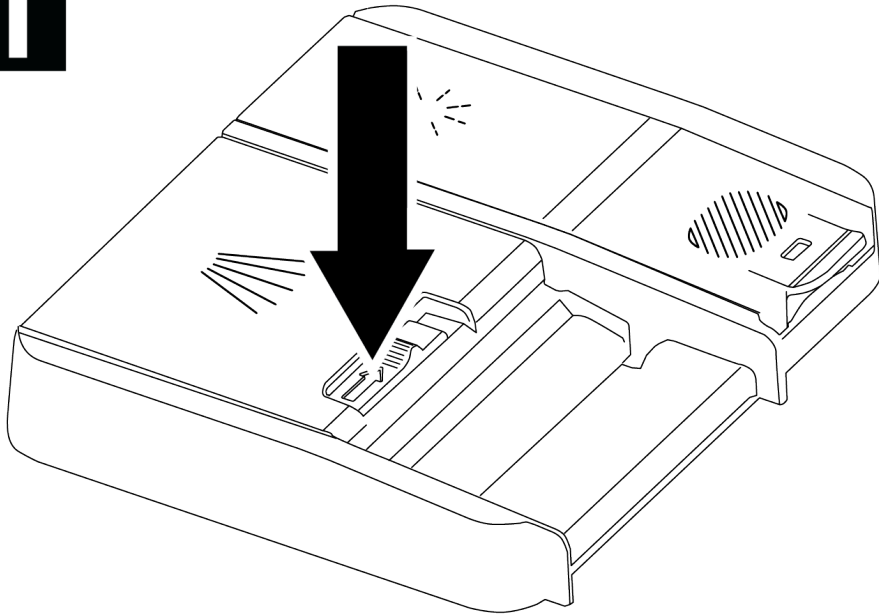
## ANNOUNCEMENT



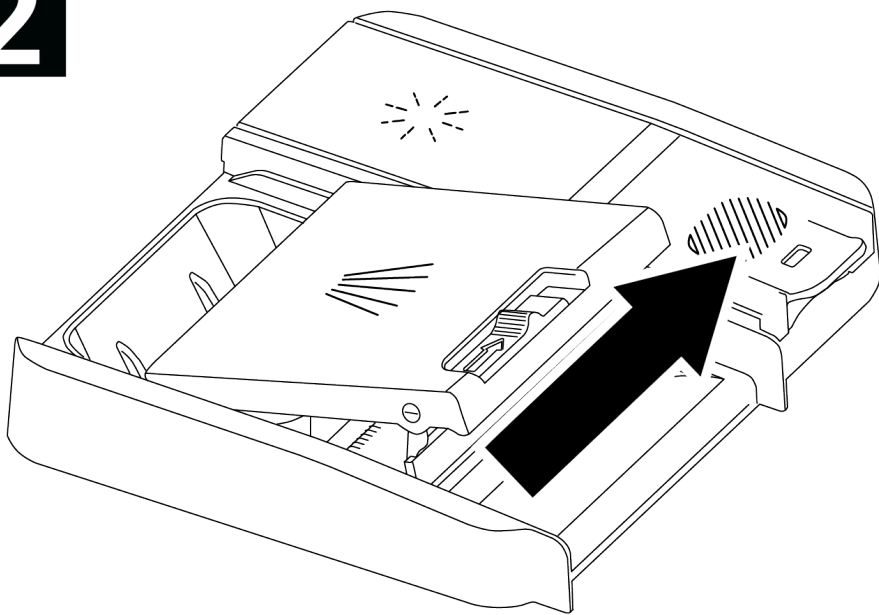
There are level lines on the inside of the detergent compartment to help you use the correct amount of powder detergent. When the detergent compartment is fully filled, it holds 45 cm<sup>3</sup> of detergent. Fill the detergent compartment with detergent up to the 15 cm<sup>3</sup> or 25 cm<sup>3</sup> level lines, depending on the occupancy of the machine and/or the contamination level of your dishes. If tablet detergent is used, one tablet is sufficient.

3. Close the detergent compartment cover by pushing it in the direction of the arrow. A "Click" sound is heard when the cover is closed.

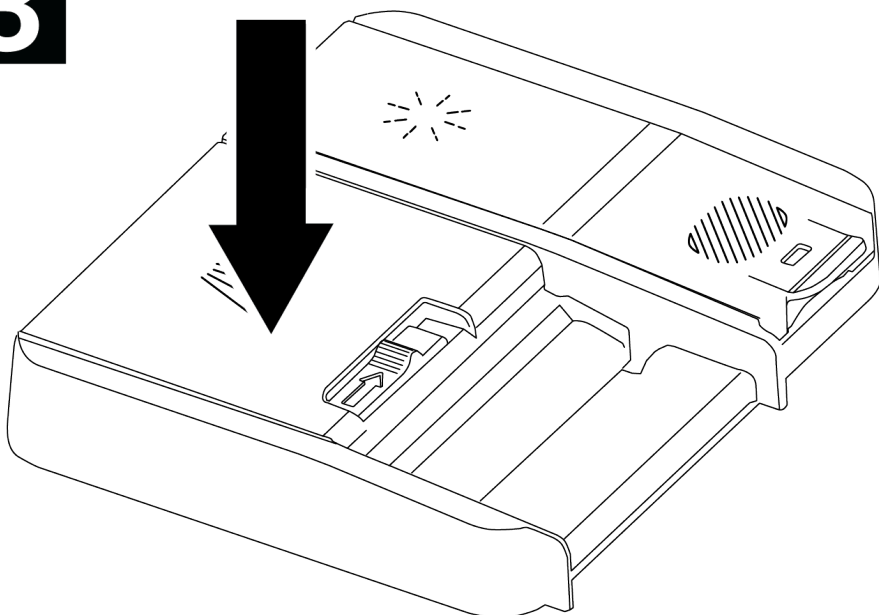
**1**



**2**



**3**



## ANNOUNCEMENT



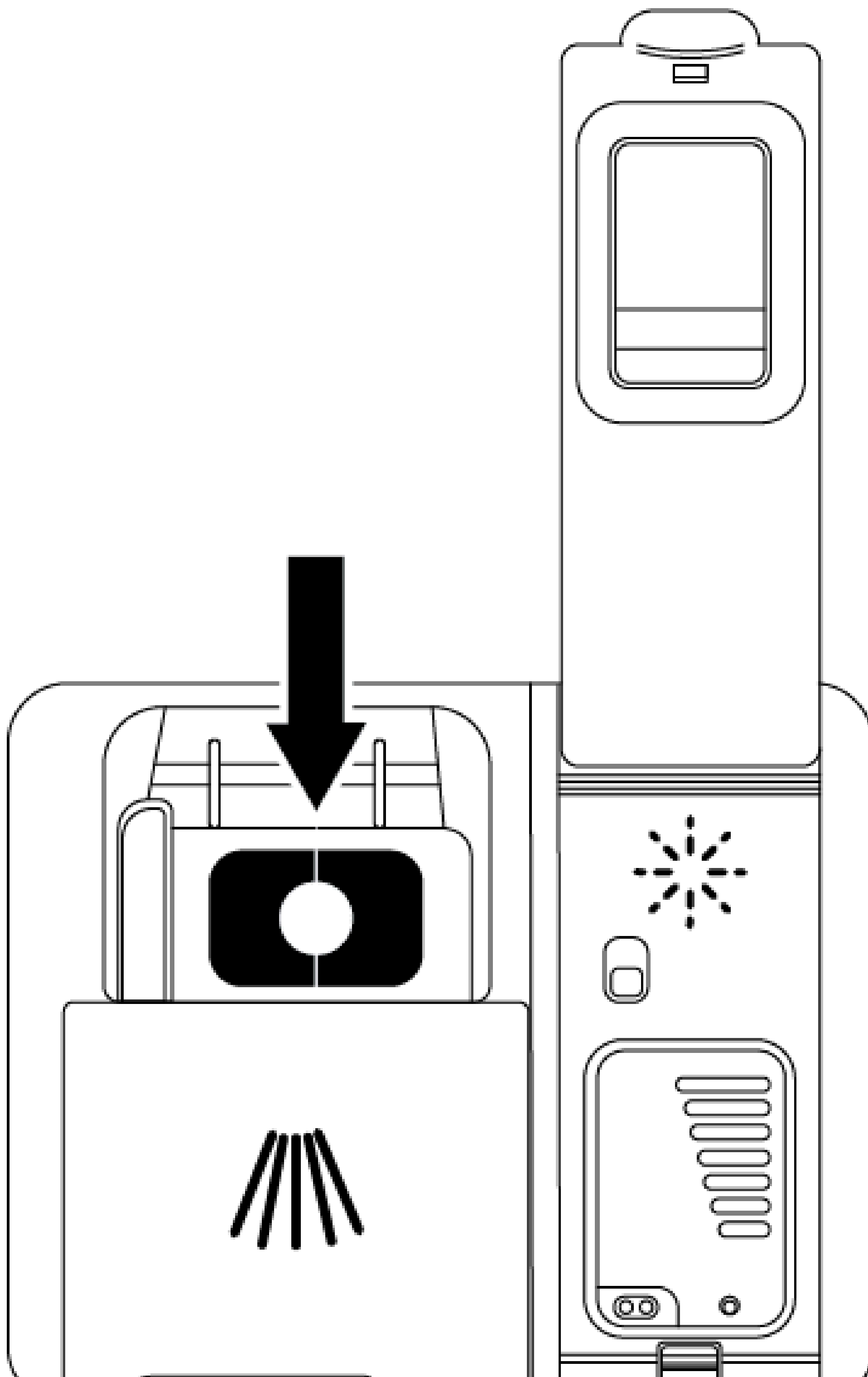
Since the solubility of tablet detergents varies depending on temperature and time, be sure to use powder or liquid / gel detergent in short programs without pre-washing.



# Tablet detergents

In addition to classic tablet detergents, there are also tablet detergents on the market that contain water softening salt and/or rinse aid. Some of them also contain special components such as glass protector and stainless steel protector. These tablets work up to a certain water hardness level (21°dH). Above this level, water softening salt and rinse aid should be used along with tablet detergent.

The best washing performance in dishwashers is achieved by using detergent, rinse aid and water softening salt separately.





When using tablet detergents, follow the manufacturer's instructions on the detergent packaging.

When using tablet detergent, if your dishes are wet and/or you see lime stains, especially on your glasses, when the washing program ends, contact the detergent manufacturer.

## When you switch from tablet detergent to powder detergent:

- Make sure the salt and rinse aid compartment is full.
- Set the water hardness setting to the highest position and run a washing program while the machine is empty.
- After empty washing, readjust the water hardness setting suitable for your mains water by referring to the user manual.
- Adjust the appropriate rinse aid setting.

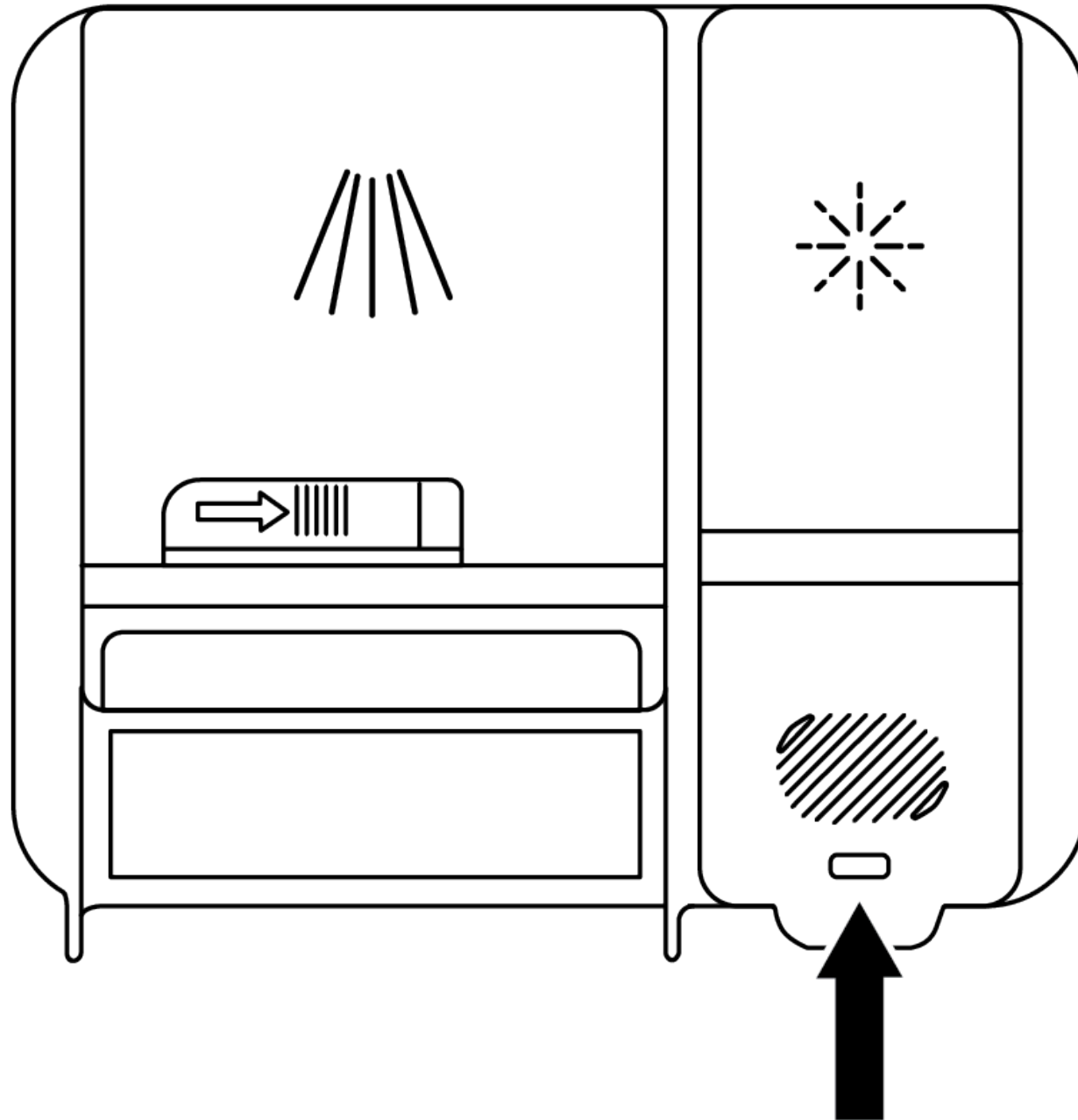
# Polisher

The rinse aid used in dishwashers is a special composition intended to increase drying efficiency and prevent water or lime marks from remaining on the washed parts. For this reason, care should be taken to ensure that there is rinse aid in the rinse aid compartment and only use rinse aid produced for use in dishwashers.

## Filling the rinse aid

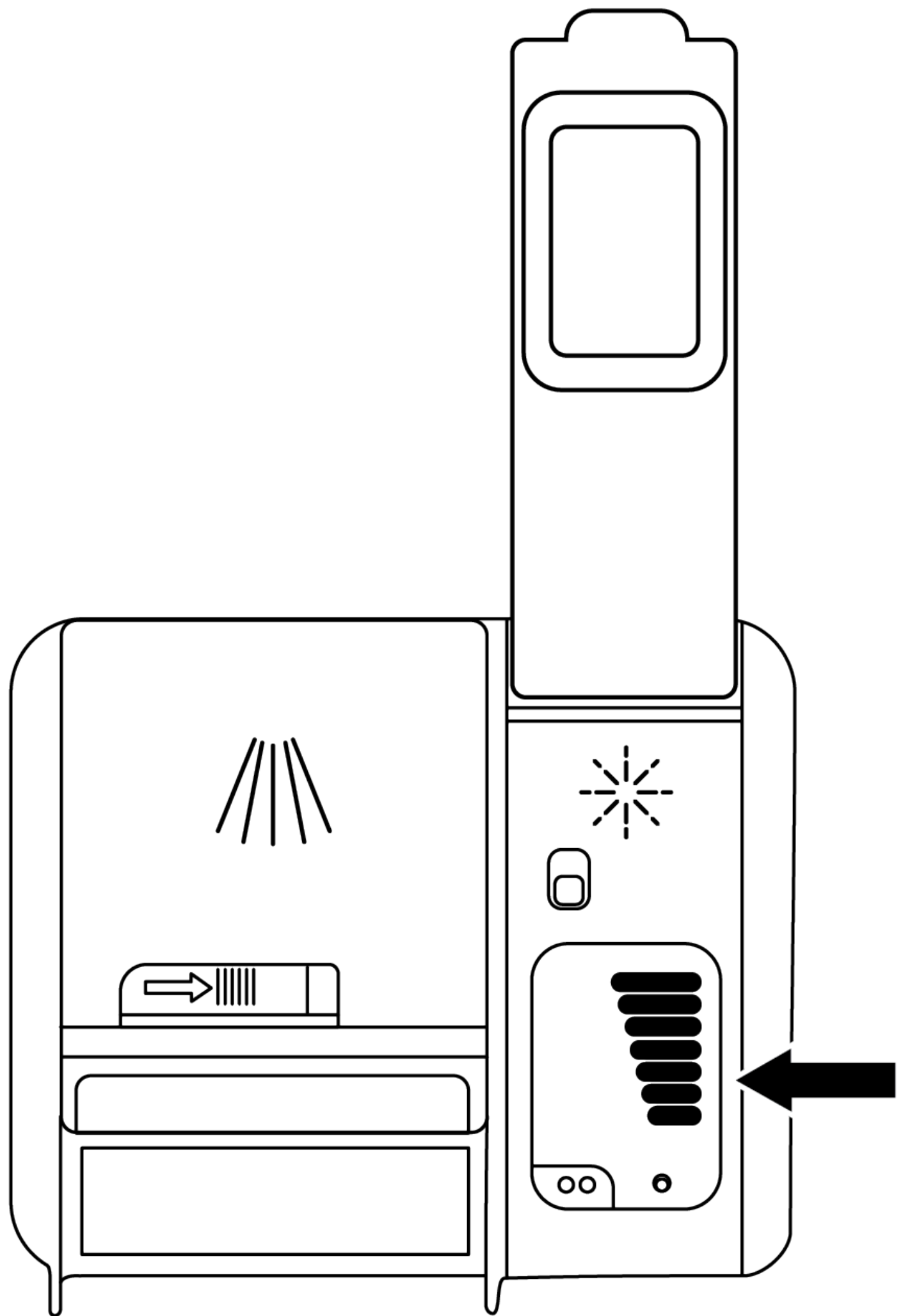
1. Open the rinse aid lid using the latch.

**1**



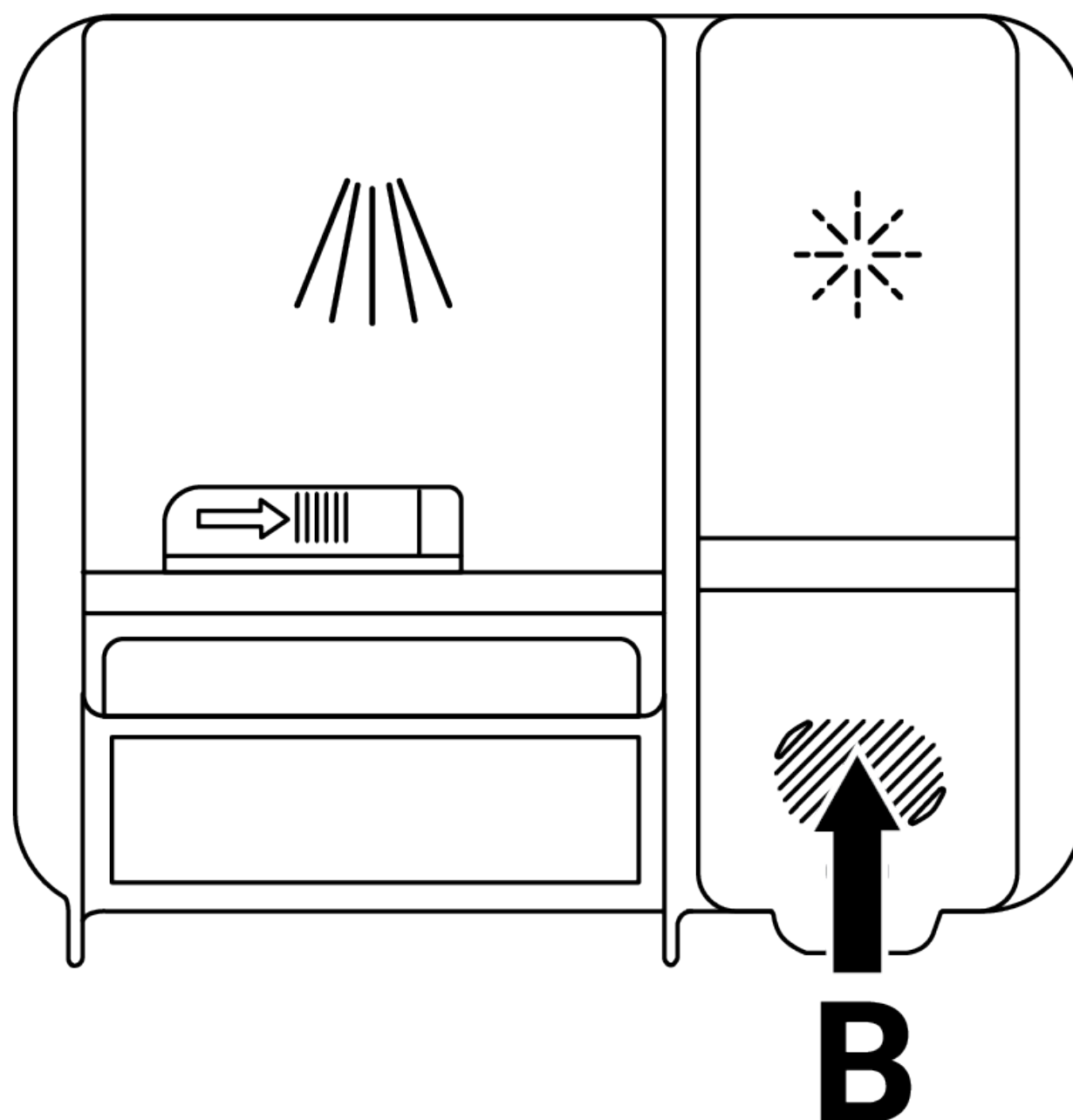
2. Fill the chamber to the MAX level.

**2**



3. Close the compartment cover by pressing lightly on point (B).

**3**



4. If water marks appear on the dinnerware after washing, it is necessary to increase the level of the adjuster, and if a blue trace remains when wiped by hand, it is necessary to decrease it. This setting is set to position 3 at the factory.

#### ANNOUNCEMENT



Rinse aid adjustment is explained under the heading "Adjusting the amount of rinse aid" in the operating section of the machine.

#### ANNOUNCEMENT



Wipe up any spilled rinse aid outside the compartment. Accidentally spilled rinse aid will cause foaming and will reduce washing performance.

# Parts that are not suitable for washing in the dishwasher

- Cigarette ash, candle residue, polish, paint, chemicals, etc. Never wash dirty dishes in the machine.
- Do not wash wooden or bone-handled forks, spoons and knives, glued parts, non-heat-resistant plastic parts, copper and tin pots in the machine.

## ANNOUNCEMENT



Just like hand washing in the dishwasher, decorative prints of porcelain, aluminum and silver may fade and darken. Some delicate types of glass and crystals may lose transparency over time. We recommend that you pay particular attention to the fact that the new tableware you purchase is suitable for washing in the dishwasher.

---

# Placing the dishes into the machine

If you load the dishes correctly, in accordance with the washing capacity of your dishwasher, you will use the machine in the best way in terms of energy consumption, washing and drying performance.

- Before placing your dishes into the machine, scrape off any food residue (bones, fruit seeds, etc.)
- If possible, place thin, narrow-bodied pieces in the middle compartments of the baskets.
- Place very dirty and large items in the lower basket, and small, delicate and light items in the upper basket.
- Place deep containers such as bowls, glasses and pots with their rims facing down. This way, you prevent water from accumulating inside them.

## ANNOUNCEMENT



To prevent possible injuries, use a serving fork, bread knife, etc. Always place long, pointed dishes with the pointed ends down in the cutlery basket or horizontally on the crockery baskets.

First empty the dishes in the lower basket, then the dishes in the upper basket.

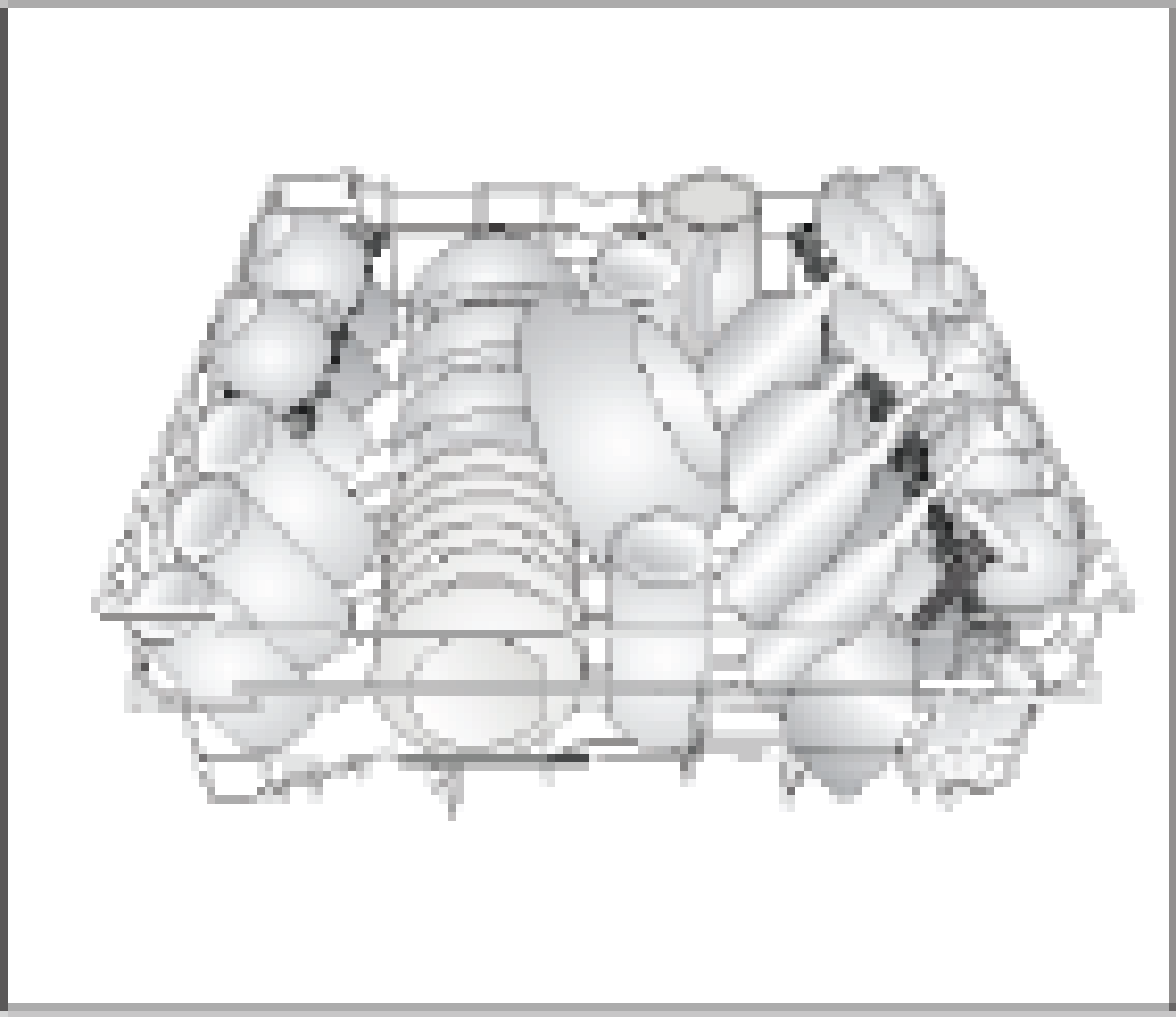


# Alternative Cart Layout Examples

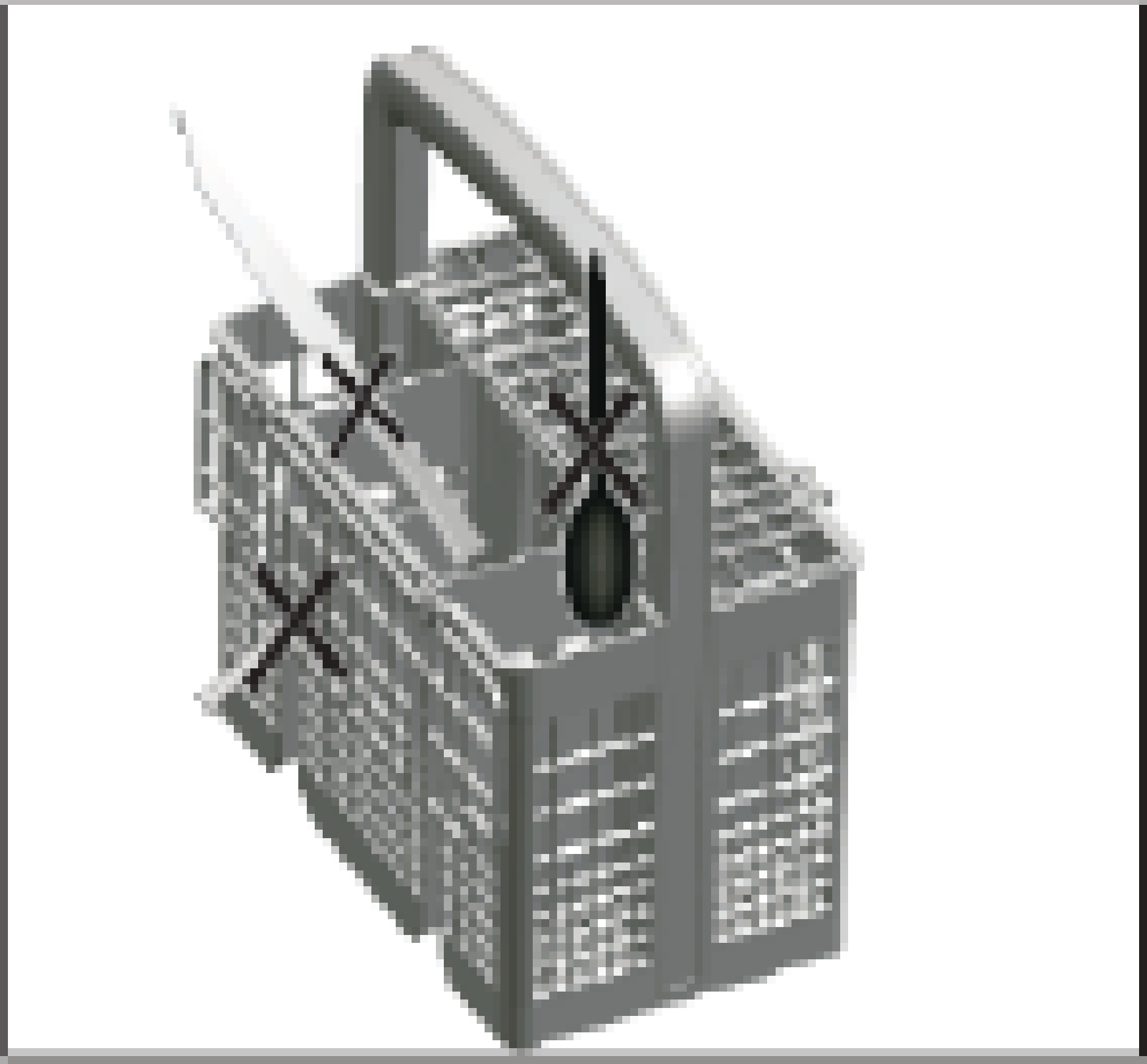
## Lower Basket

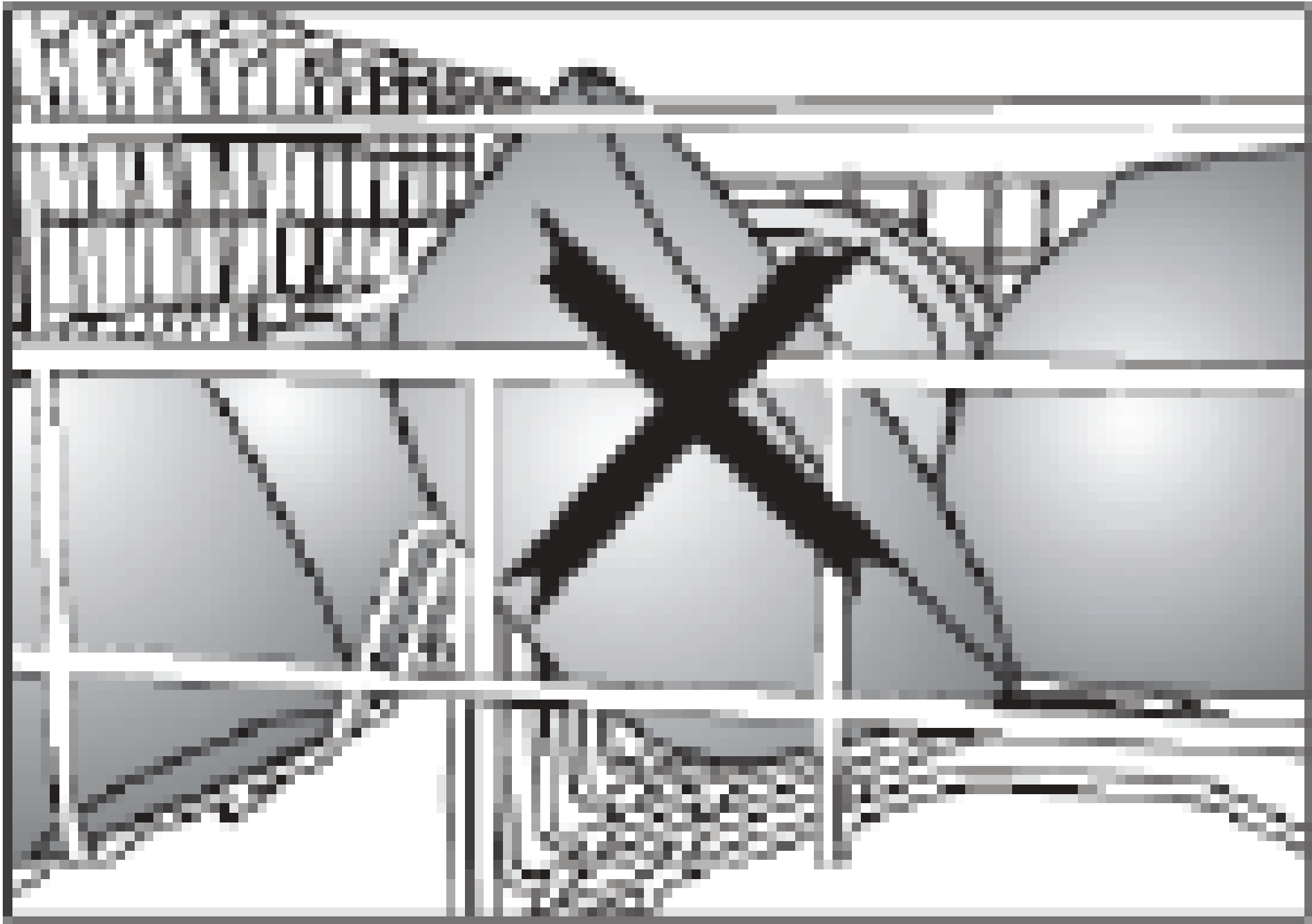
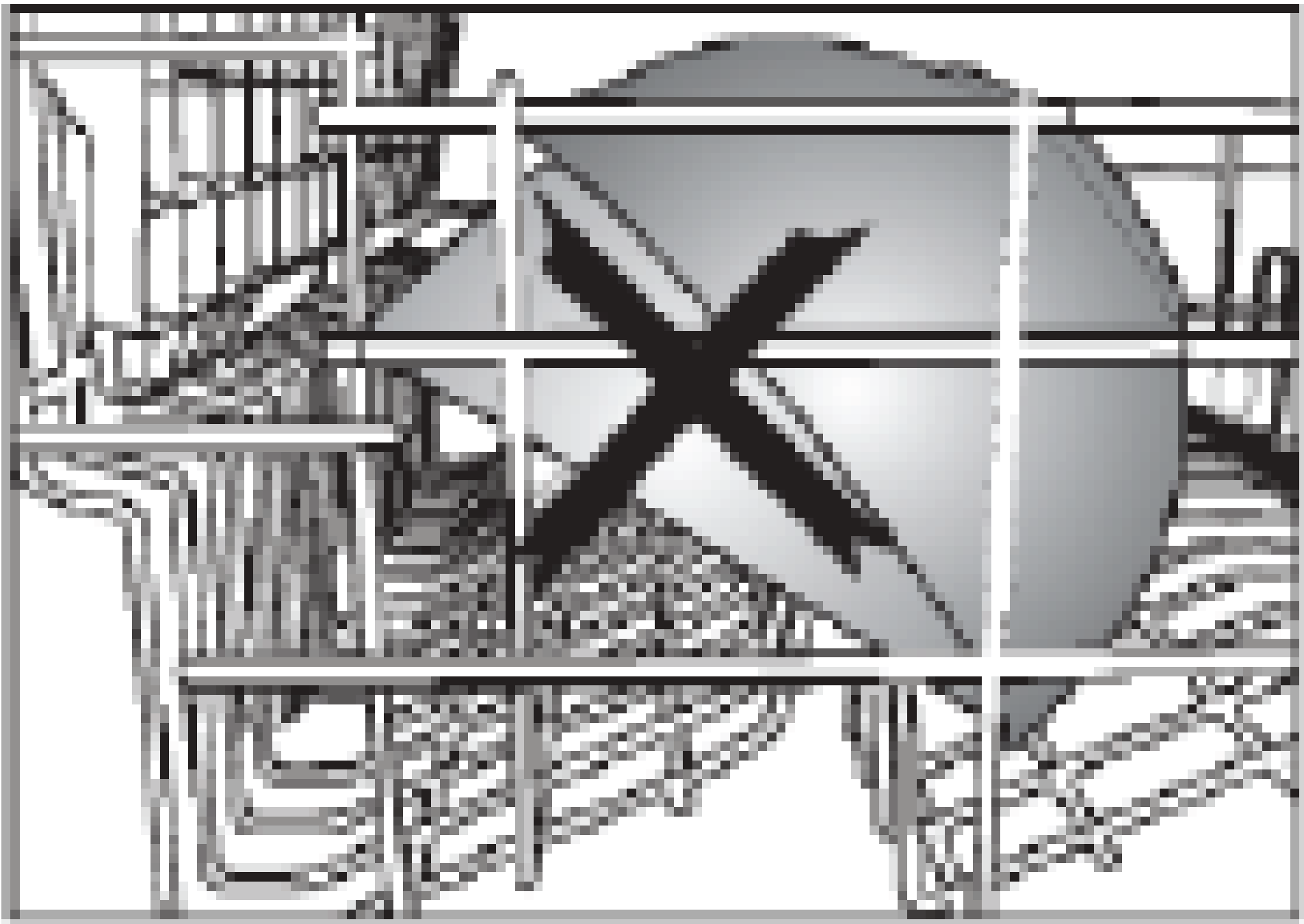


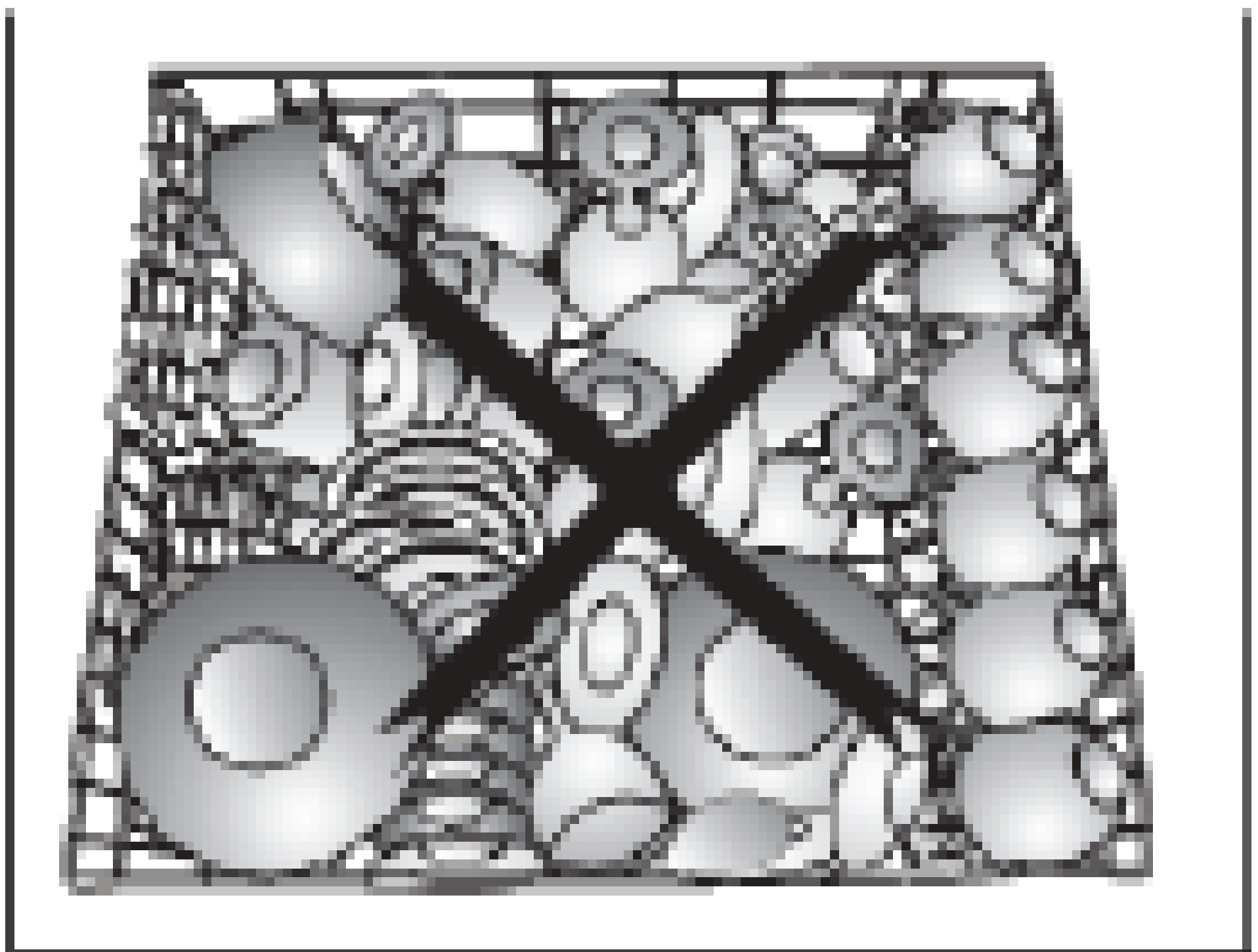
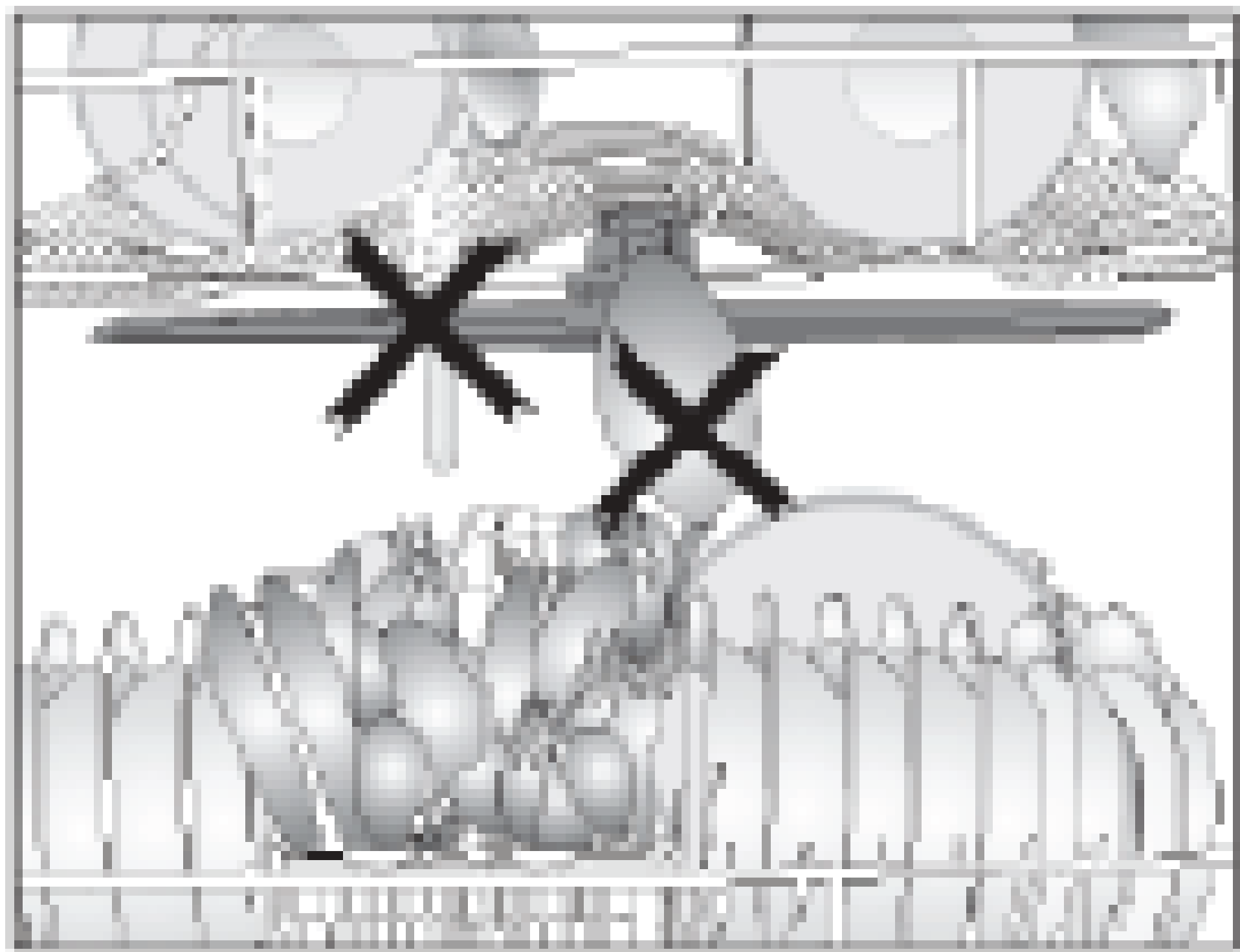
Upper Basket



Incorrect Placements









# Adjusting the upper basket height

(Depending on model)

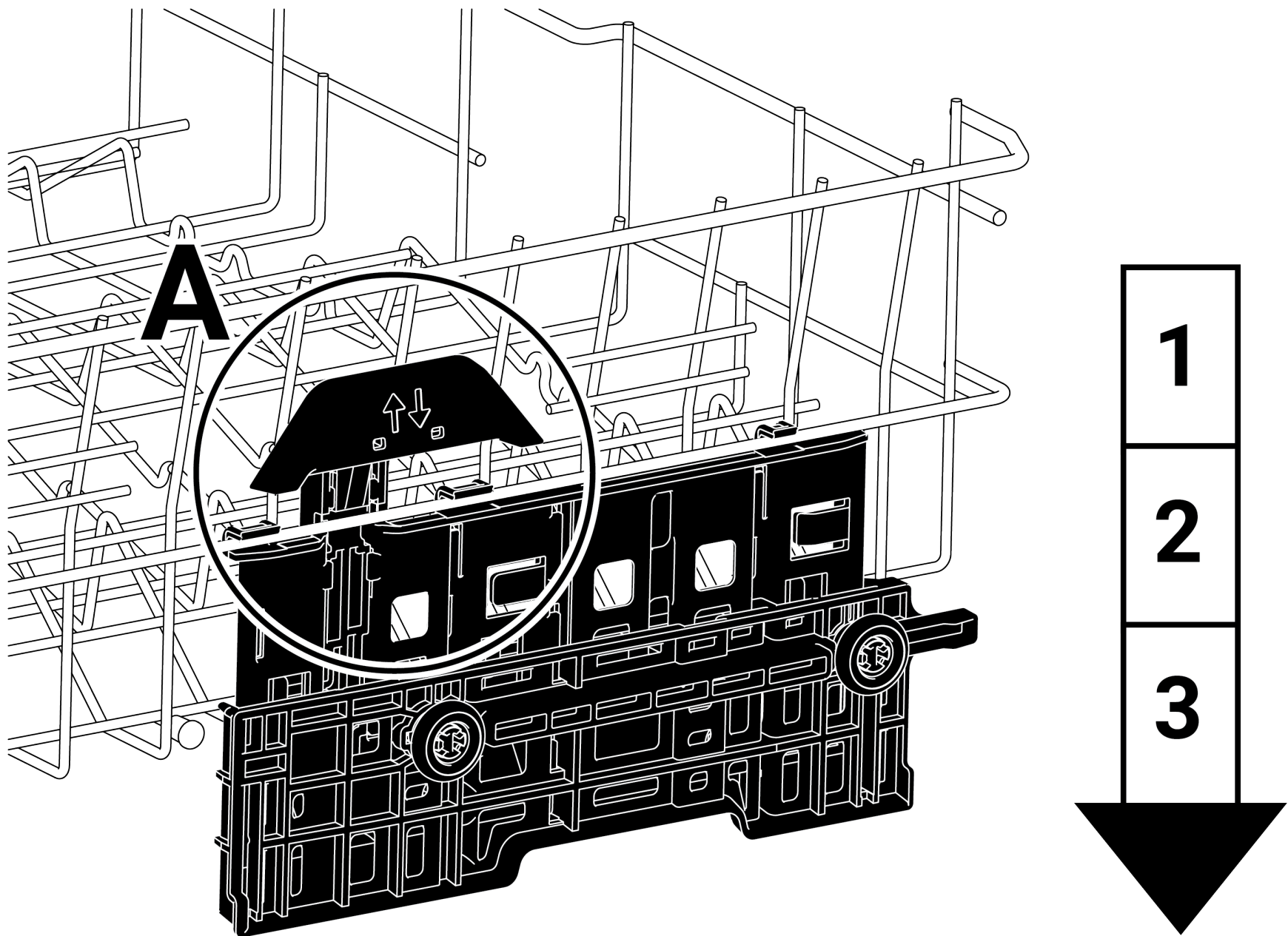
The upper basket height adjustment mechanism is designed to allow you to create large areas at the bottom or top of the machine according to your needs by adjusting the height of your basket up or down when it is empty or full.

With this mechanism, you can use your basket in three different positions: bottom, middle and top.

To lower the basket, while the basket is at the top position;

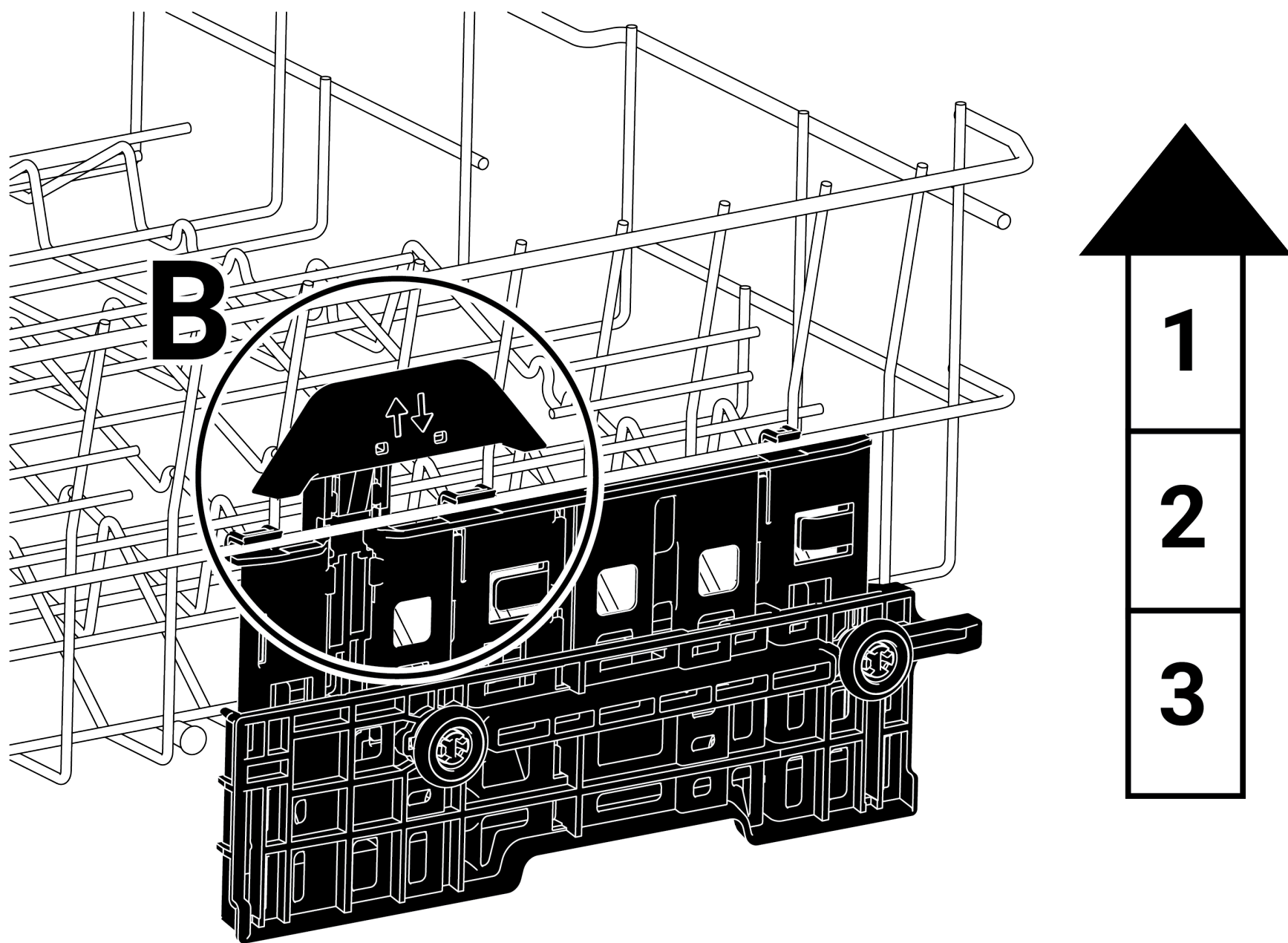
1. Hold the upper basket wires with both hands and lift the handle on the mechanism upwards as shown in the figure (A).
2. Lower the basket from its current position to the lower position.
3. Release the basket when your basket reaches the lower level.

If the height is not sufficient, repeat the same process.



1. To raise your basket, while the basket is in the lowest position, hold the upper basket wires with both hands and pull them upwards (B).
2. Release the basket when the basket catches the upper stage with the "Click" sound coming from the right and left mechanisms.

If the height is not sufficient, repeat the same process.



#### ANNOUNCEMENT



In conditions where the upper basket is overloaded or the weight distribution is unbalanced, the movement mechanism may not work properly. In more severe conditions, there is a risk of falling to the lower level.

#### ANNOUNCEMENT



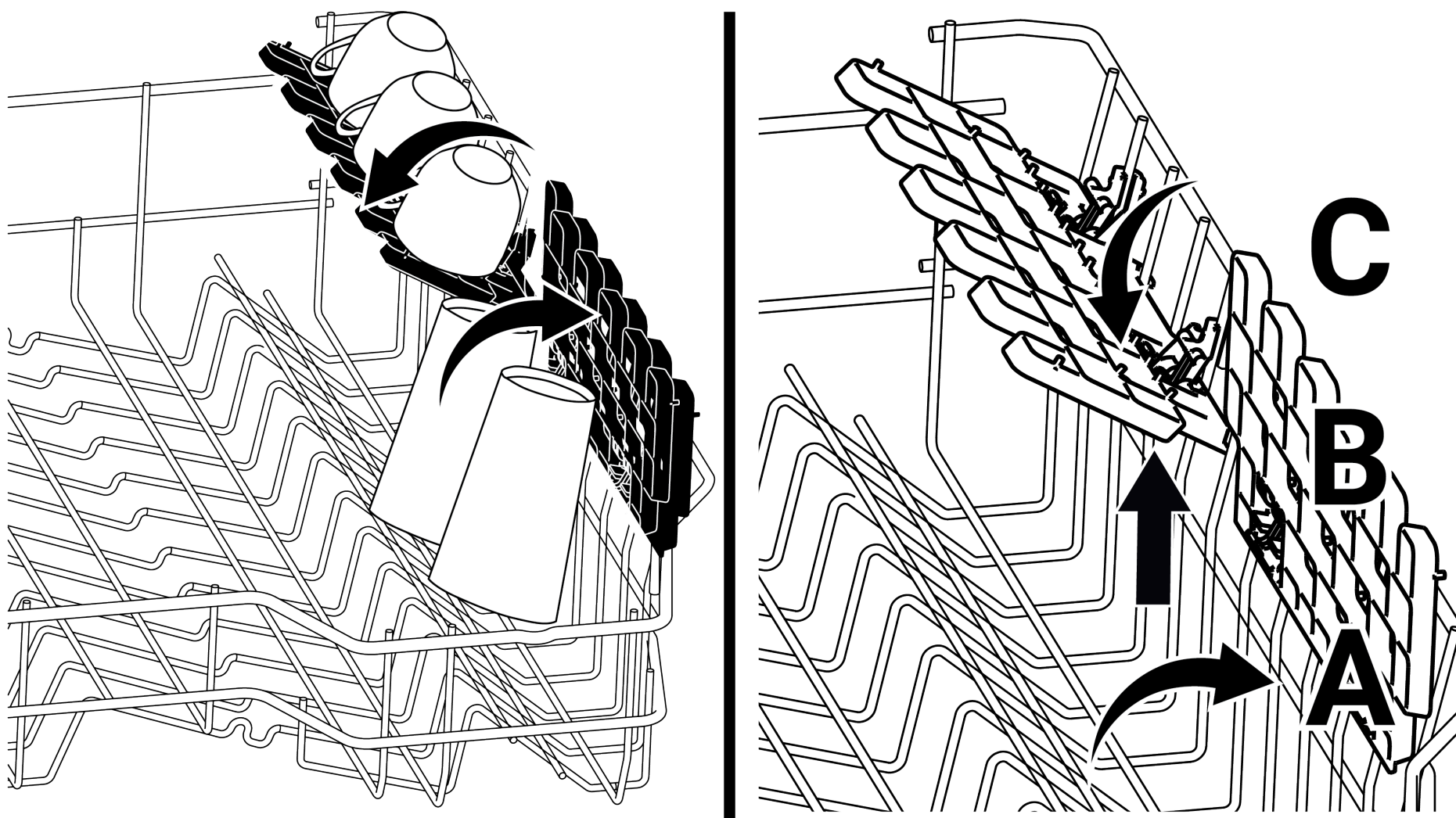
Make sure that the adjustment mechanism is in the same position on the right and left of the upper basket.



# Height Adjustable Top Basket Rack

(depending on model)

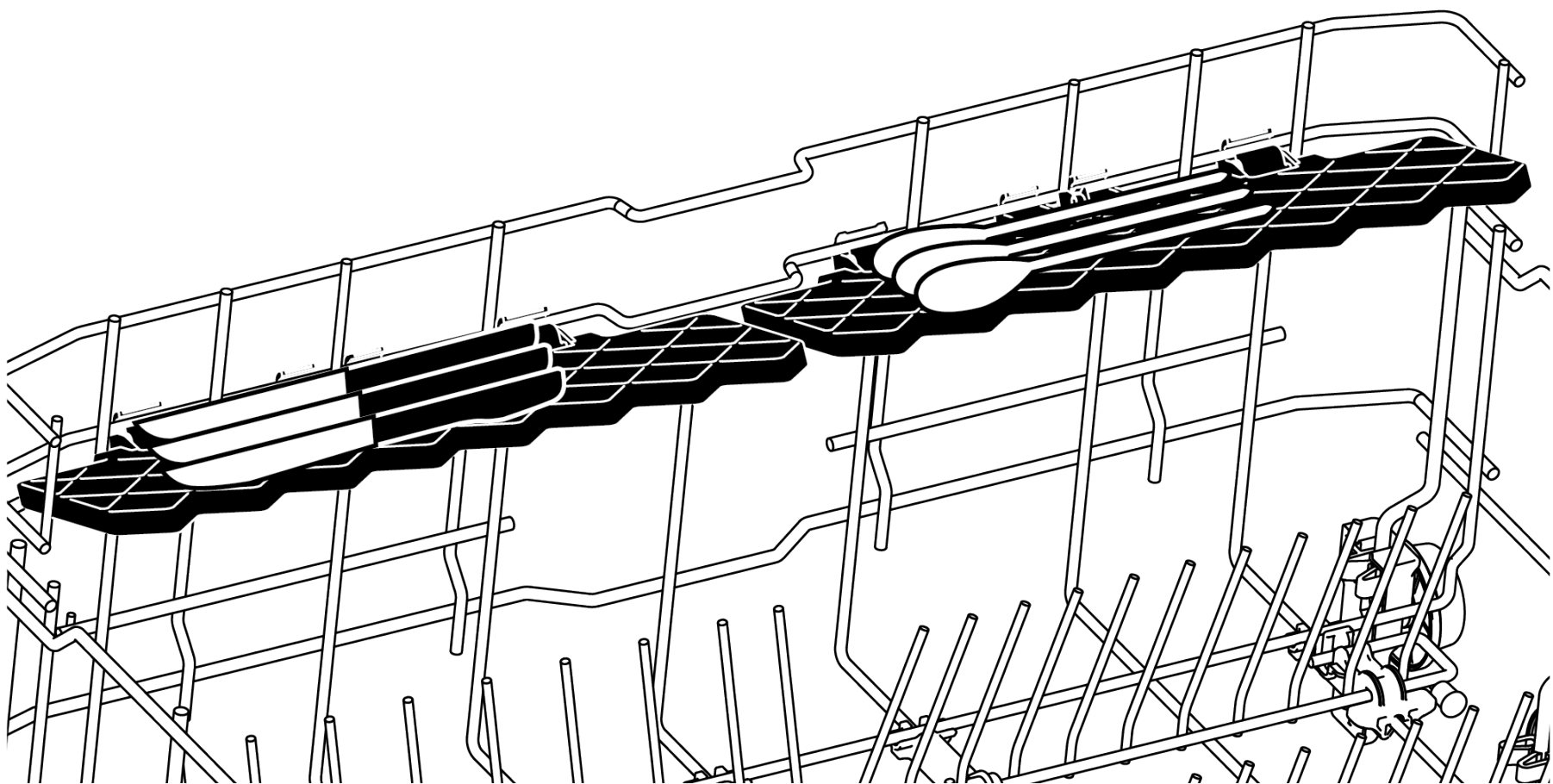
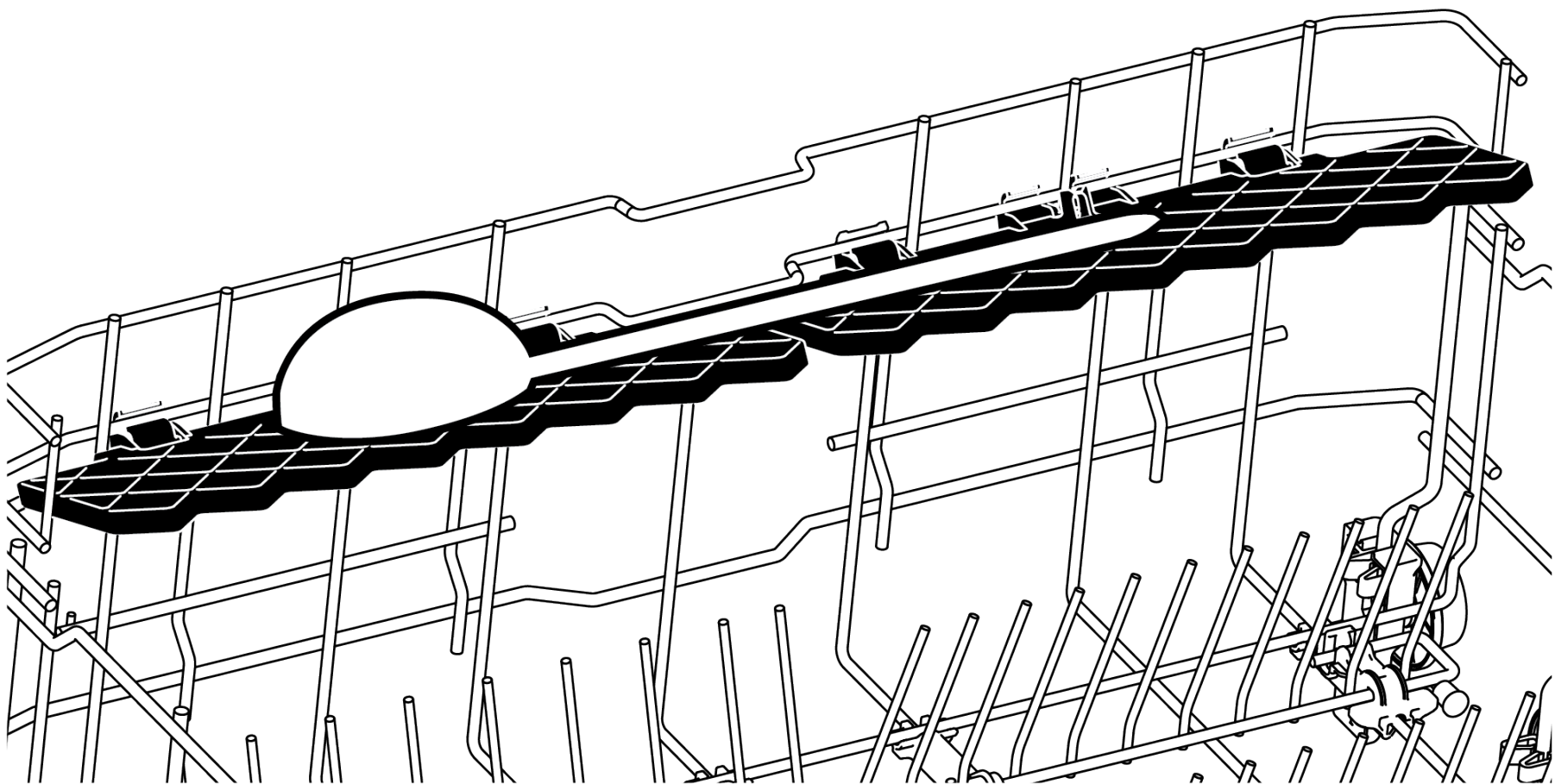
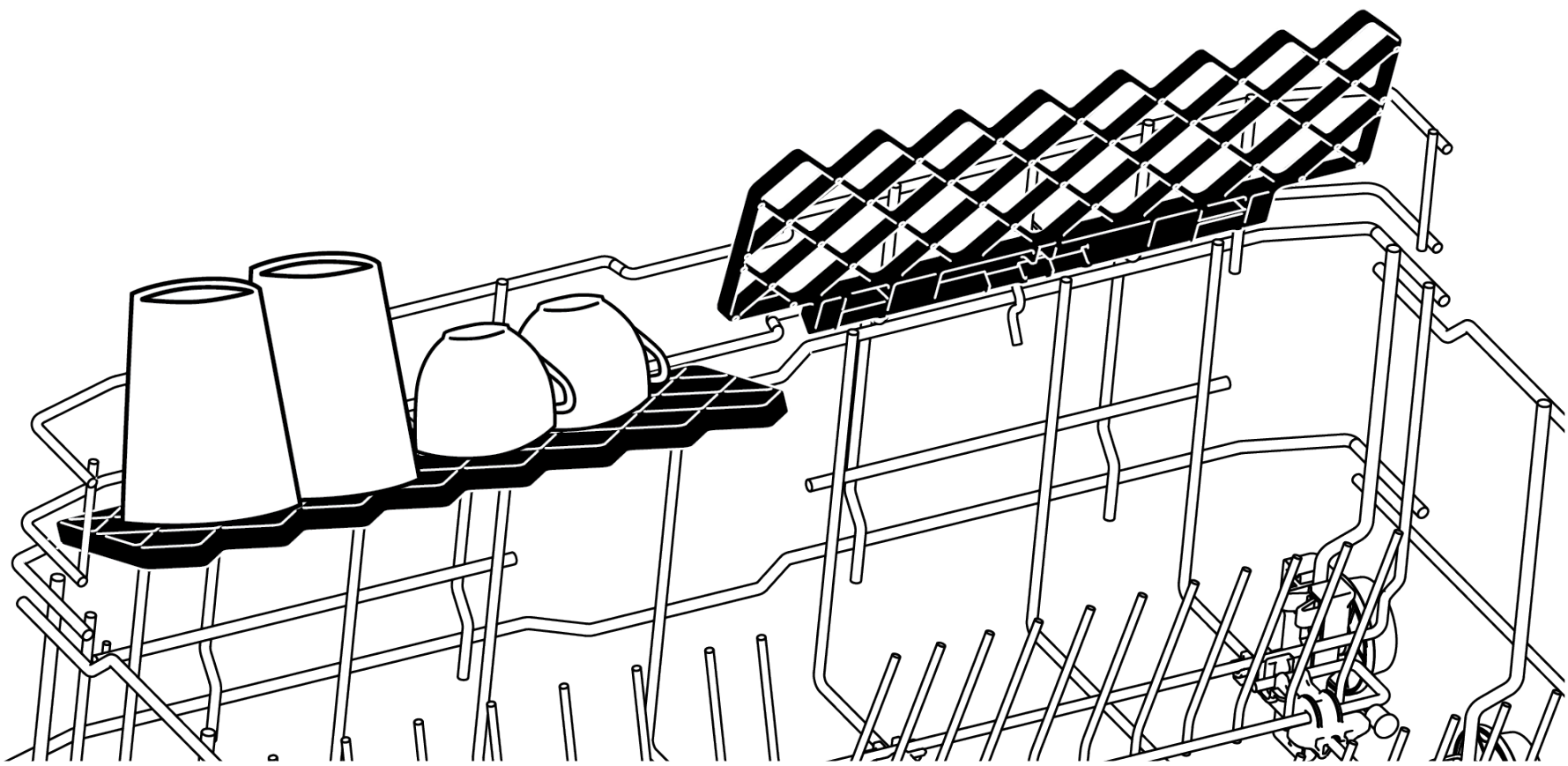
Height adjustable shelves in the upper basket of the machine; bottom and top sides, glasses, cups, etc. You can use it as you wish by positioning it up or down depending on the height of the dishes (A, B, C).



# Lower basket multi-purpose / height adjustable serving rack

(depending on model)

Thanks to this accessory located in the lower basket of your machine, you can easily wash your extra glasses or items such as long ladles and bread knives.



## ANNOUNCEMENT



You can use the shelves as you wish by positioning them up or down, or you can close them to create more space in your lower basket.

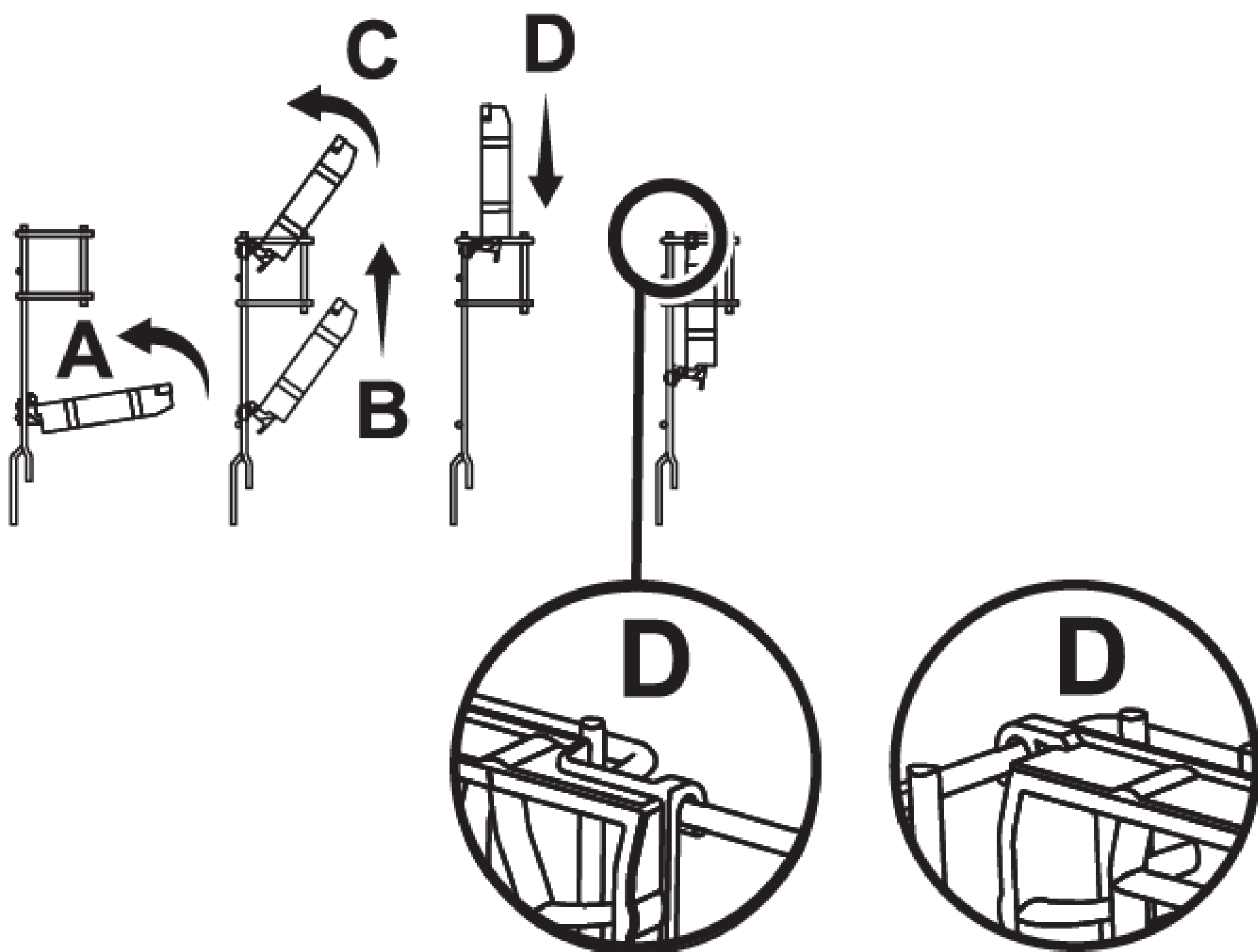
## ANNOUNCEMENT



Make sure the fan does not hit the dishes you place on the racks

To put the shelves in the closed position;

1. Fold the shelf (A).
2. Slide the shelf up (B).
3. Position the shelf upright (C).
4. Slide the shelf down and lock it with the tabs (D).



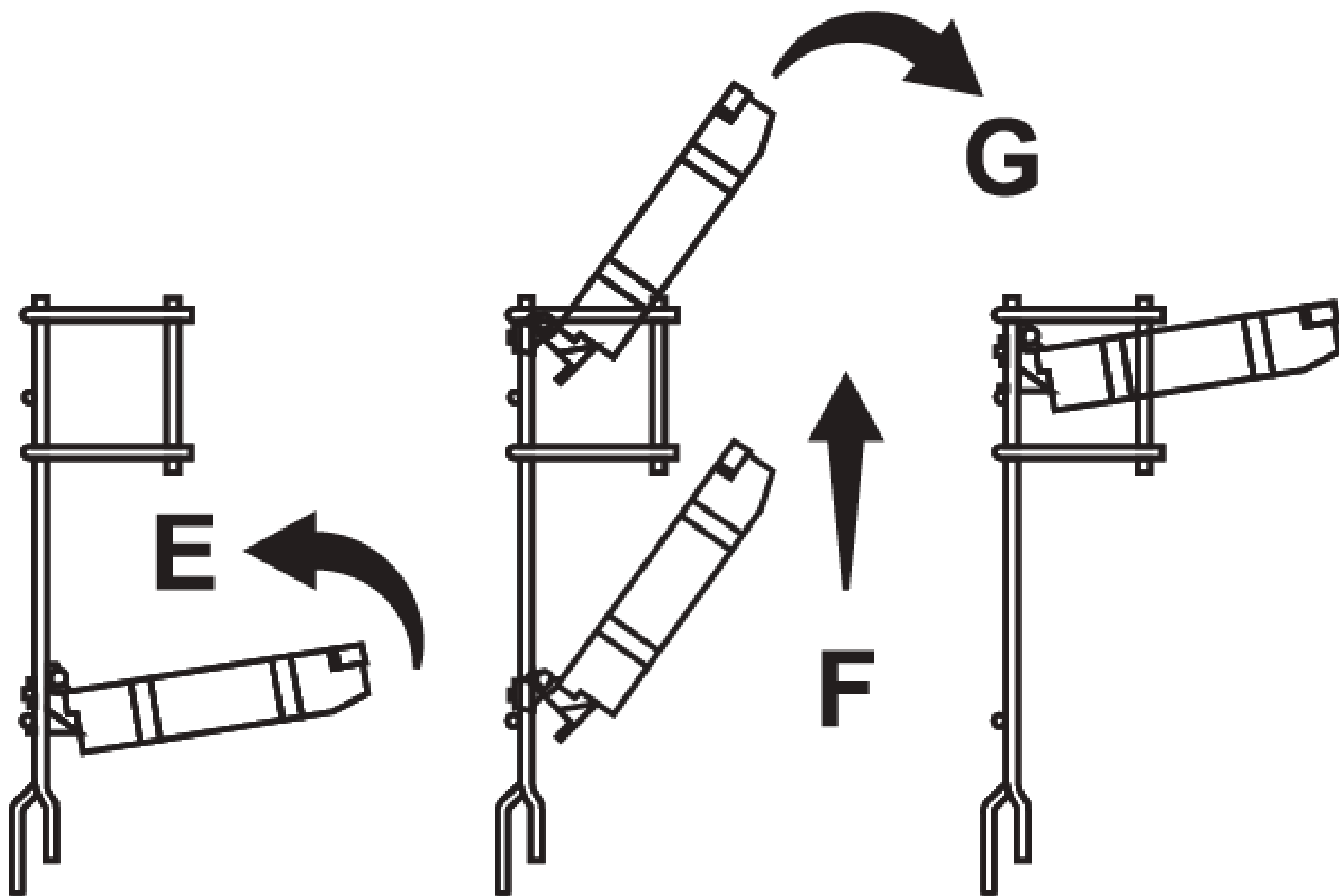
## ANNOUNCEMENT



You can move the shelf to the open position by doing the same steps in reverse.

To adjust the height of the shelves:

1. Fold the shelf (E).
2. Slide the shelf up (F).



3. Open the shelf at the desired level (G).



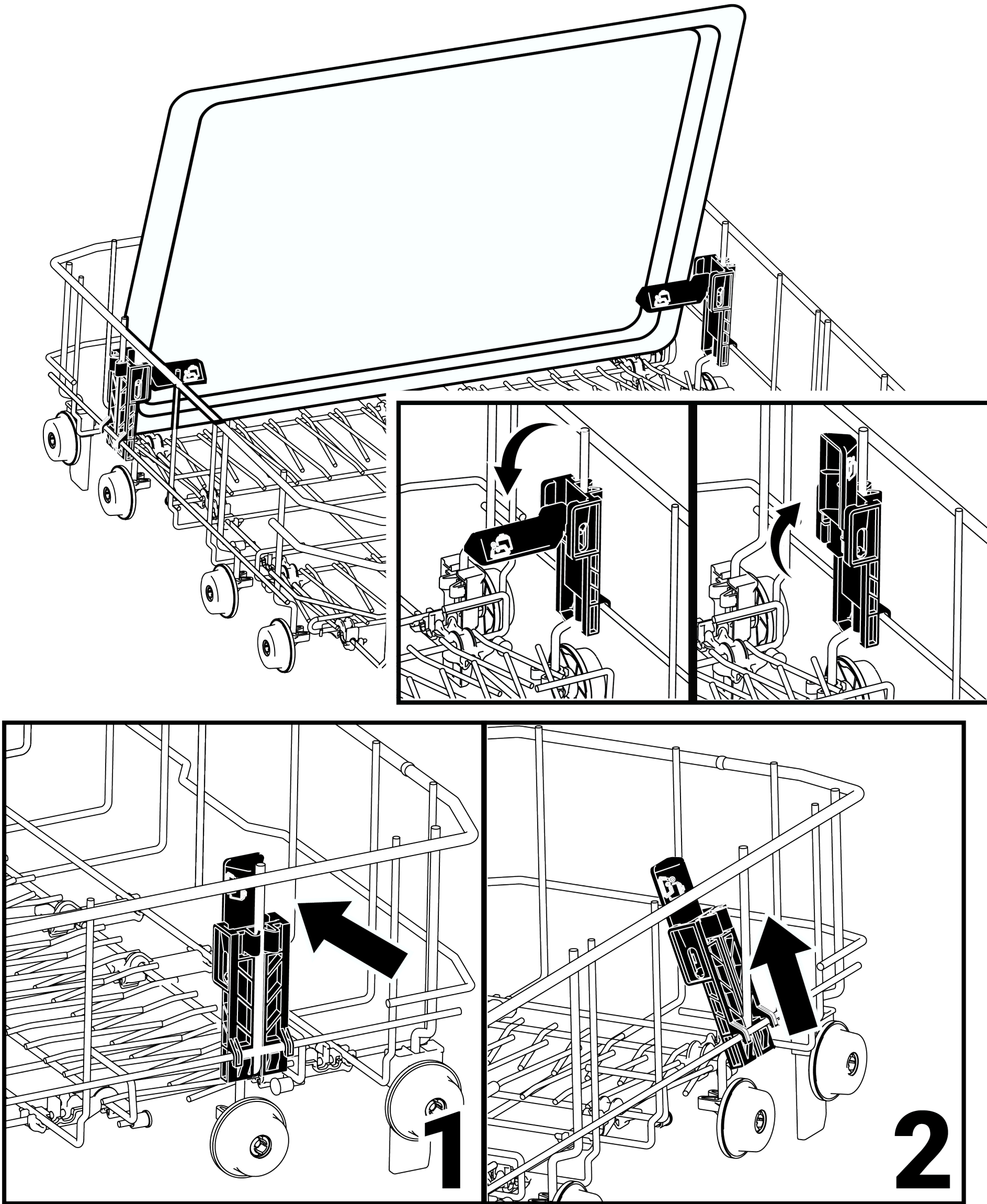
# Tray Washing Support Part

(Depending on model)

If you want to wash trays in your lower basket, you can use tray washing support parts.

For appropriate program and function selection, see the Additional functions section.

When you are not using the piece, you can fold it to place your dishes conveniently.



If necessary, you can remove the part as shown in pictures 1 and 2.

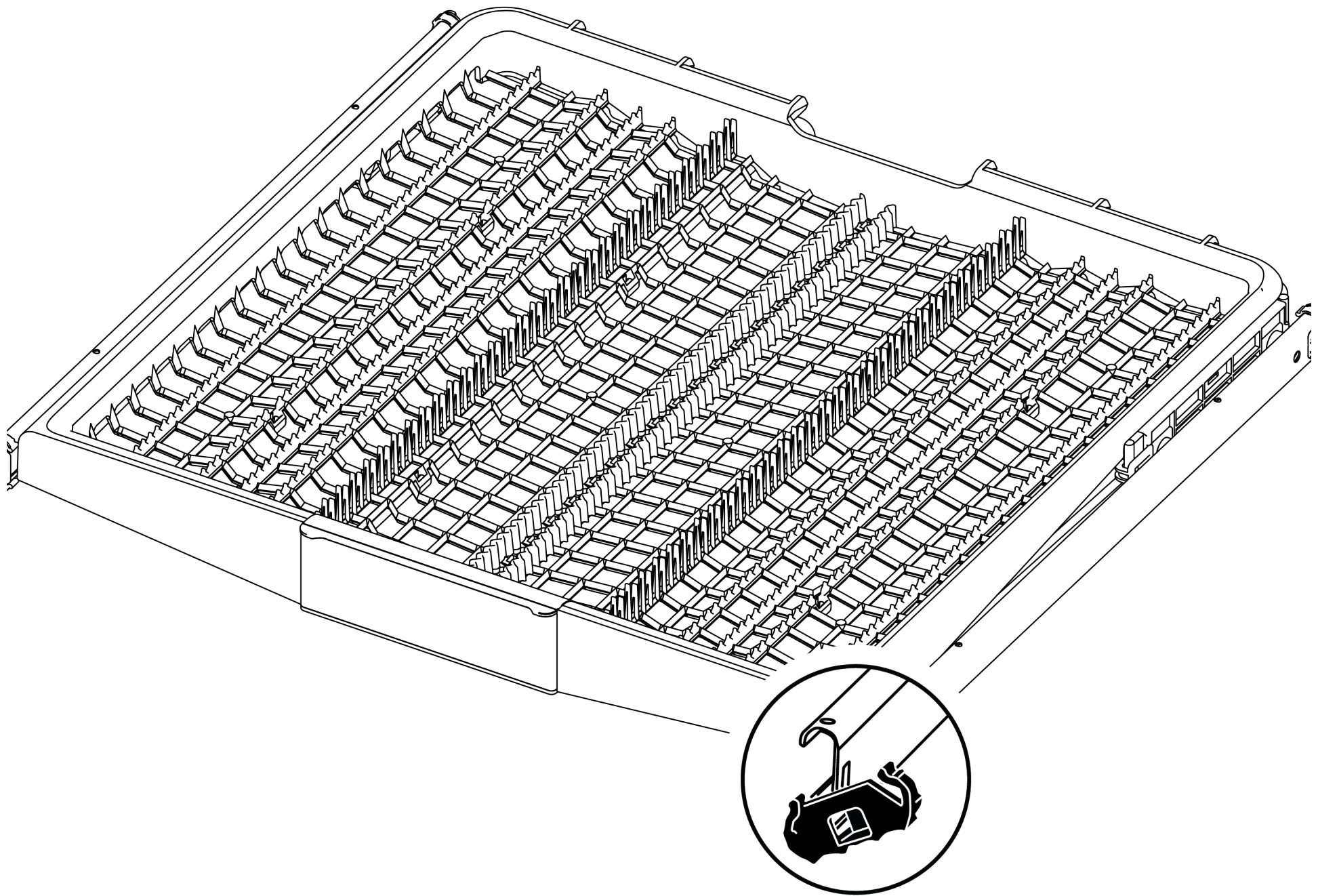
In performance control tests to be carried out according to standards, tray washing support parts must be removed as indicated in pictures 1 and 2.



# ceiling cutlery basket

(Depending on model)

Ceiling cutlery basket holds forks, spoons, etc. It is designed to wash your dishes by placing them between the combs on the tray.



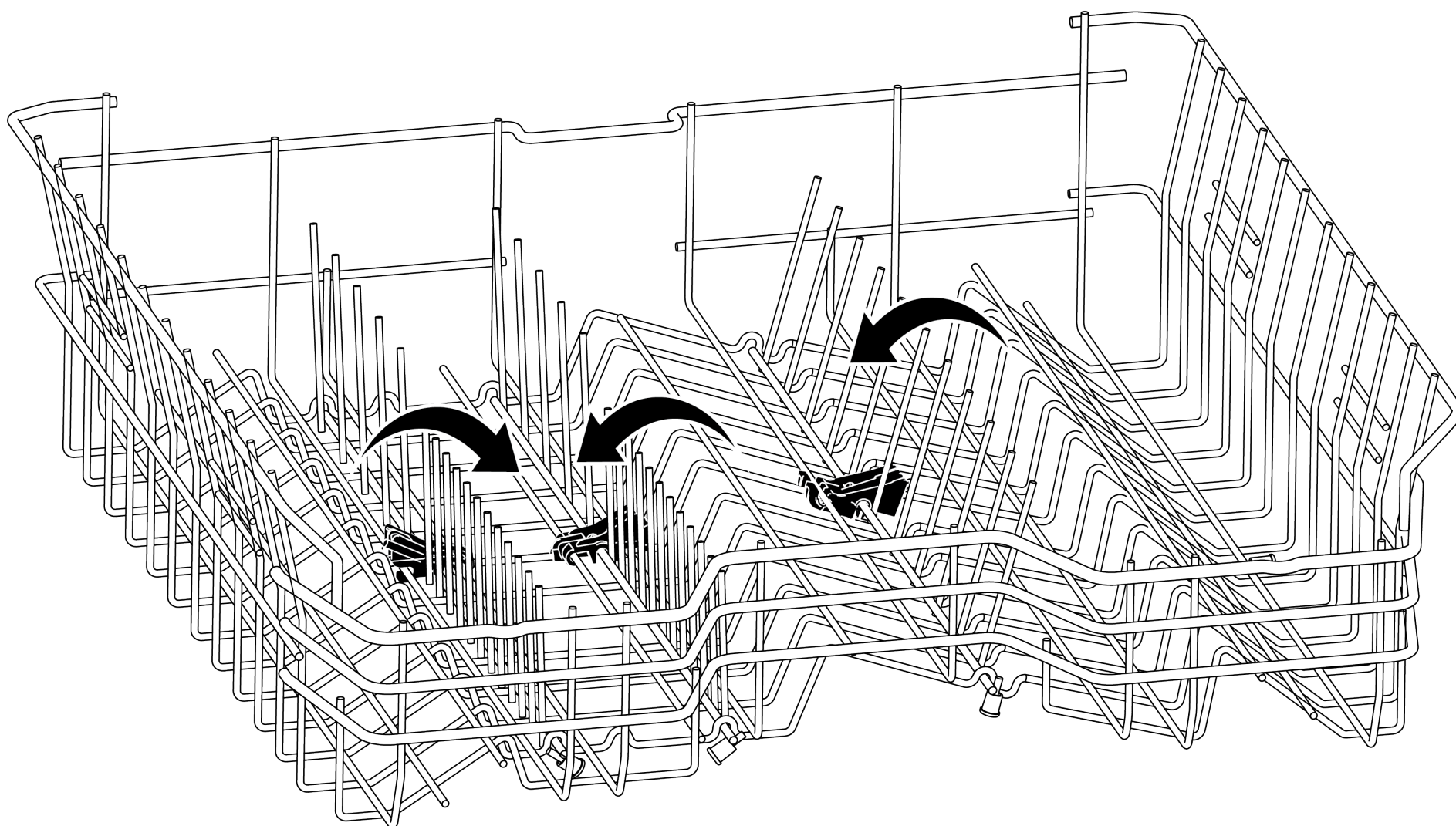


# Foldable top basket wires

(Depending on model)

You can use foldable racks when you need ample space for your large dishes in the upper basket of the machine.

To put the foldable wires into a lying position, hold the wires in the middle and push them in the direction of the arrow in the picture. Place your large dishes in the area to be created. Lift the wires up to return them to an upright position.



## ANNOUNCEMENT

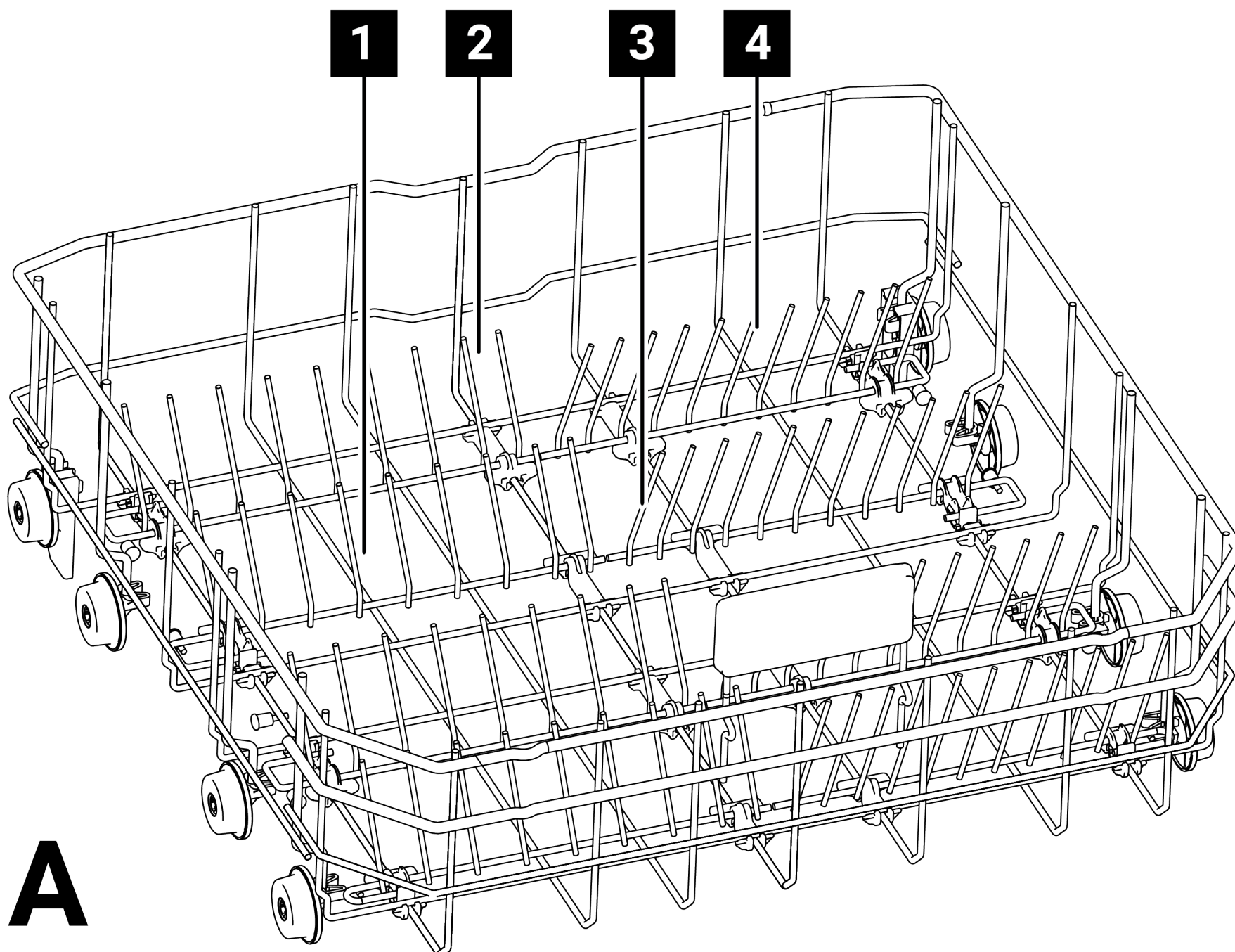


Holding the ends of the wires and placing them in a lying position may cause them to bend. For this reason, hold the middle wires at their bases and push them in the direction of the arrow, placing them in a lying or upright position.

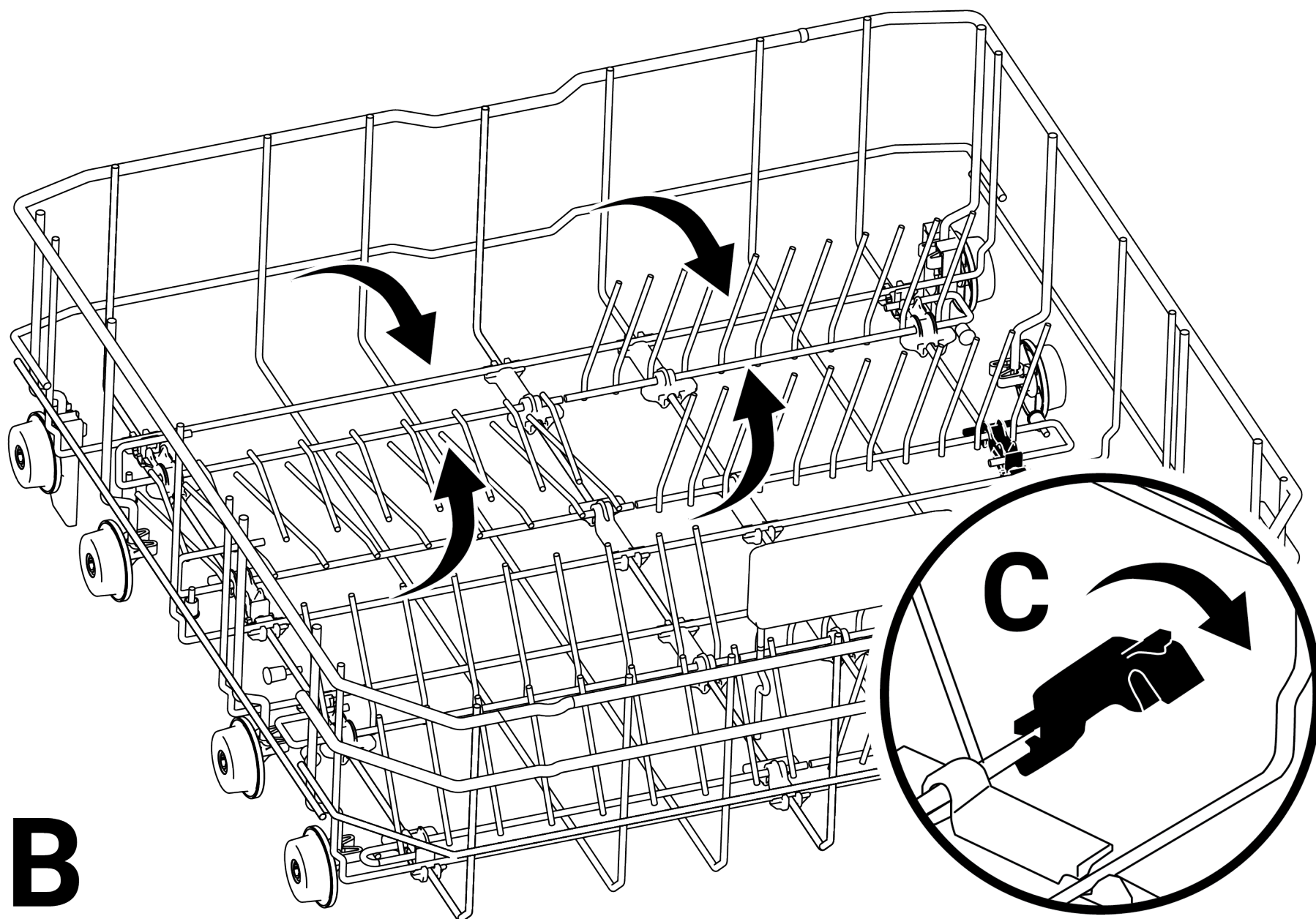
# Foldable lower basket wires

(Depending on model)

The folding wires (A), which are located in the lower basket of the machine and consist of six pieces, can be used for pots, bowls, etc. It is designed to allow you to place large items more easily. If you wish, you can create larger areas by folding each piece individually or all at once.



To put the foldable wires in a lying position, hold the wires in the middle and push them in the arrow directions (B). Lift the wires up to return them to an upright position. The foldable wires will snap back into the latch (C).



## ANNOUNCEMENT



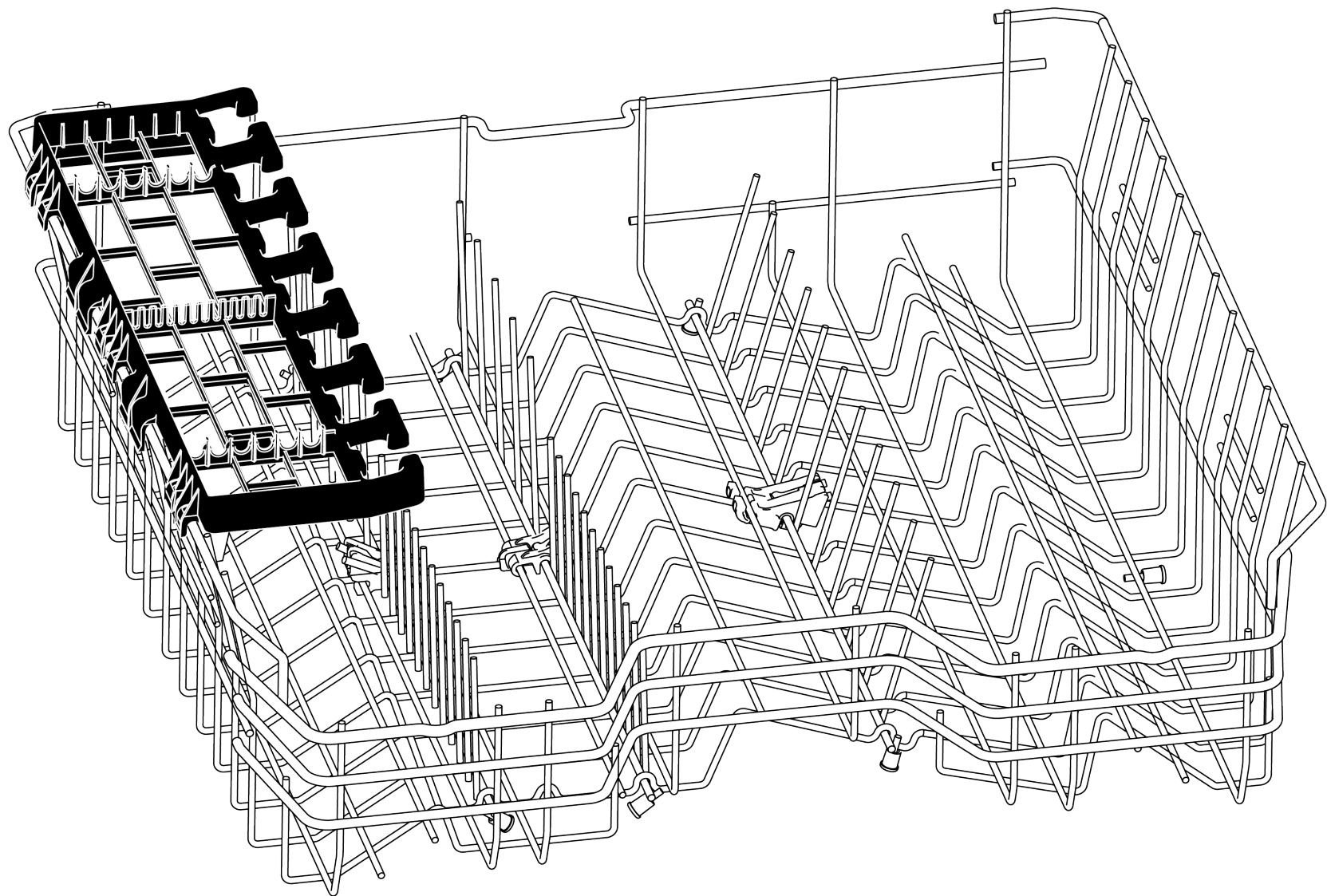
Holding the ends of the wires and placing them in a lying position may cause them to bend. For this reason, hold the middle wires at their bases and push them in the direction of the arrow, placing them in a lying or upright position.



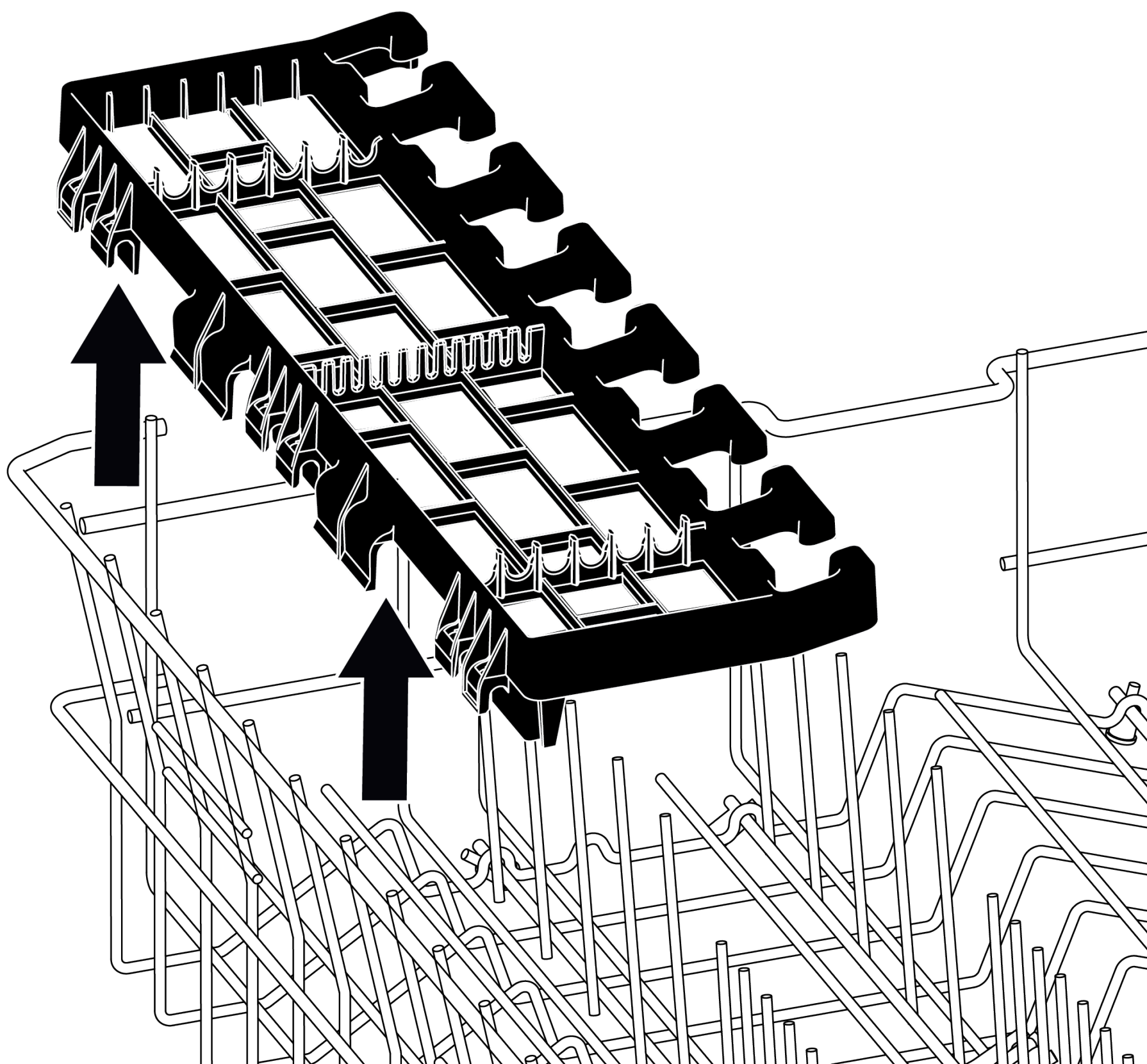
# Top basket multi-purpose serving rack

(Depending on model)

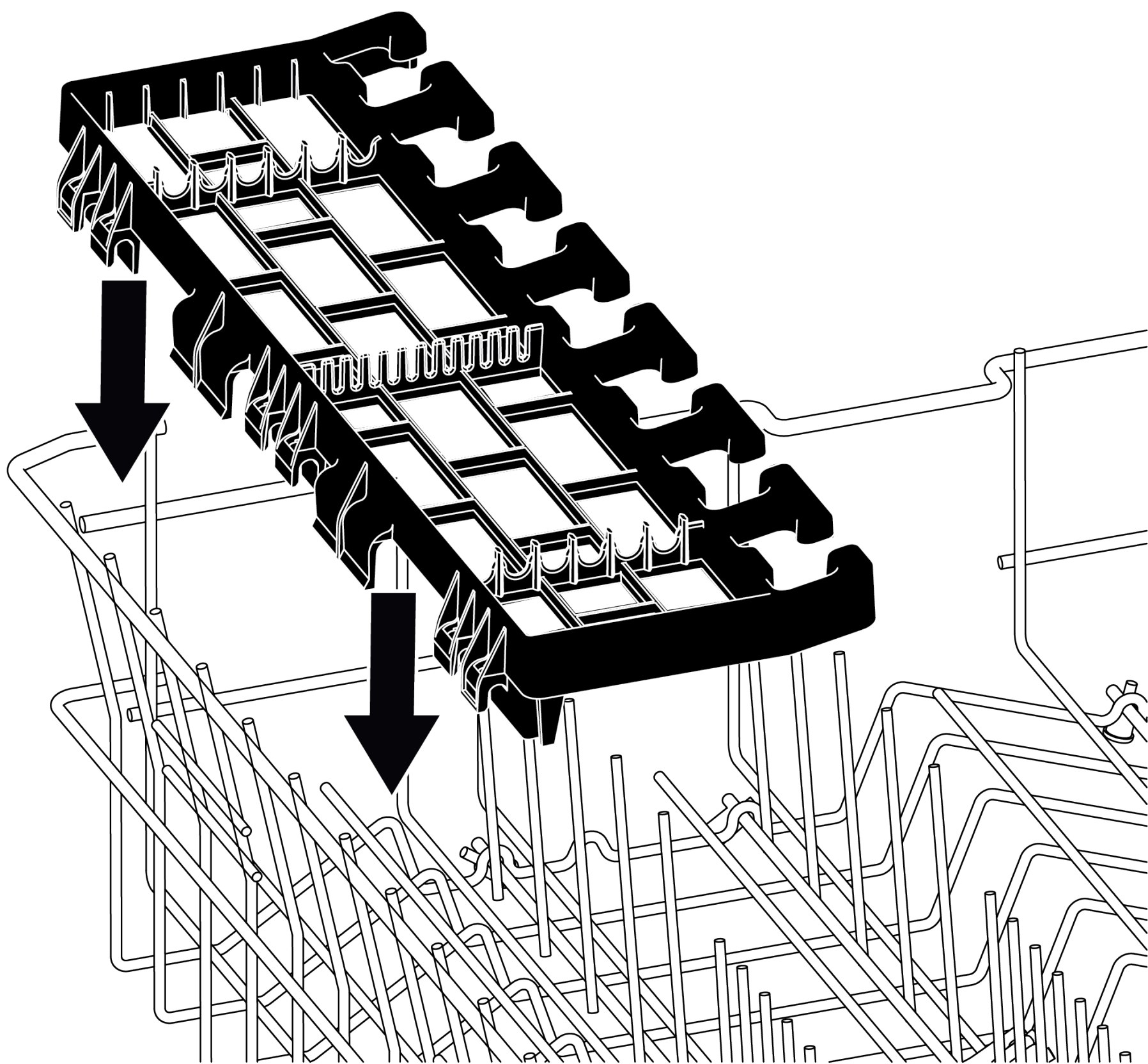
Thanks to the multi-purpose service rack on the top basket of your machine, long serving and kitchen utensils can be easily loaded and washed. In addition, the goblet foot fixing sections on the front of this accessory help to place glasses of appropriate size into the upper basket more easily.



When you do not want to use it, you can remove the upper basket by lifting up the multi-purpose service shelf.



You can easily attach the top basket multi-purpose serving rack to the edge of your top basket for reuse.

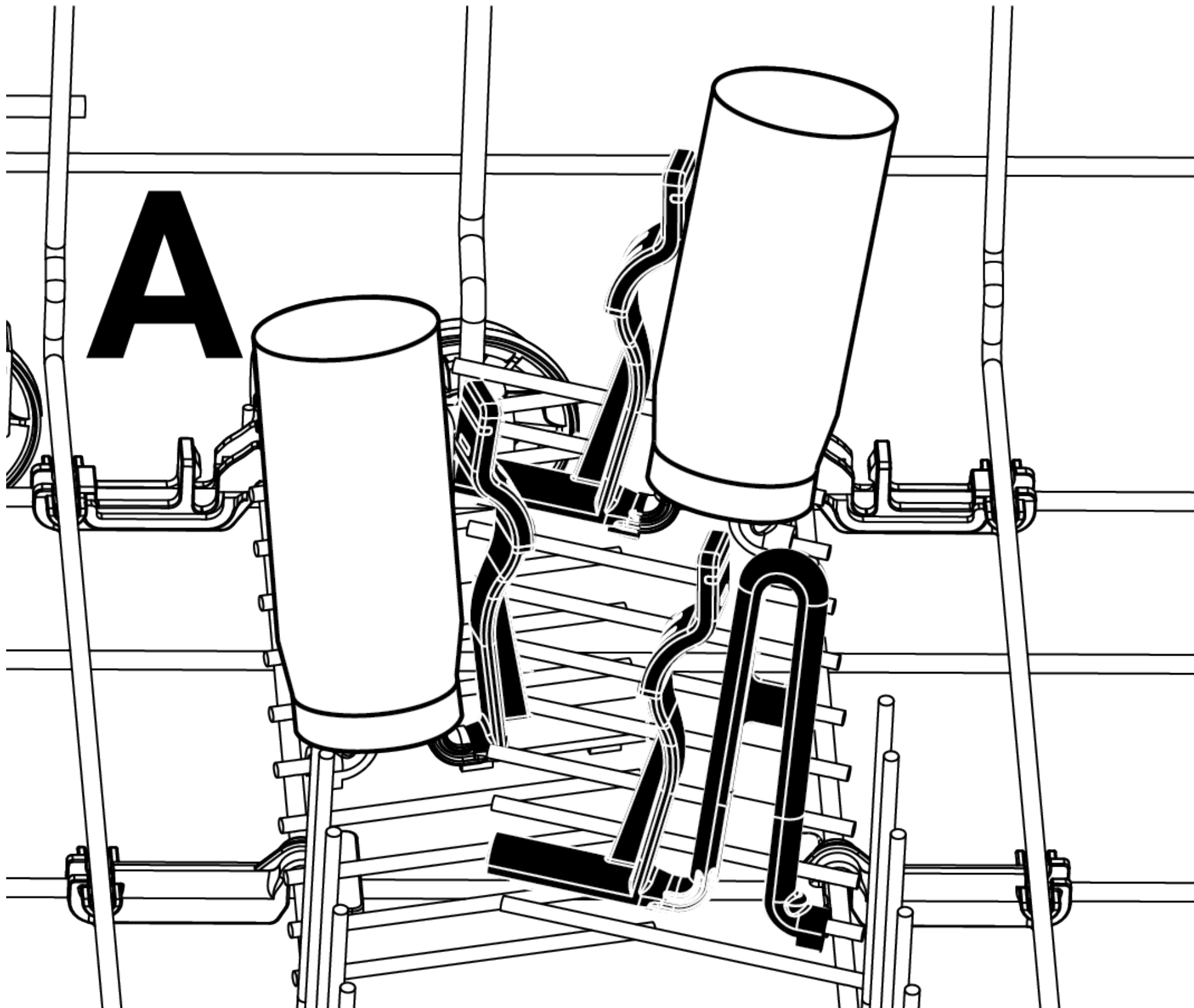




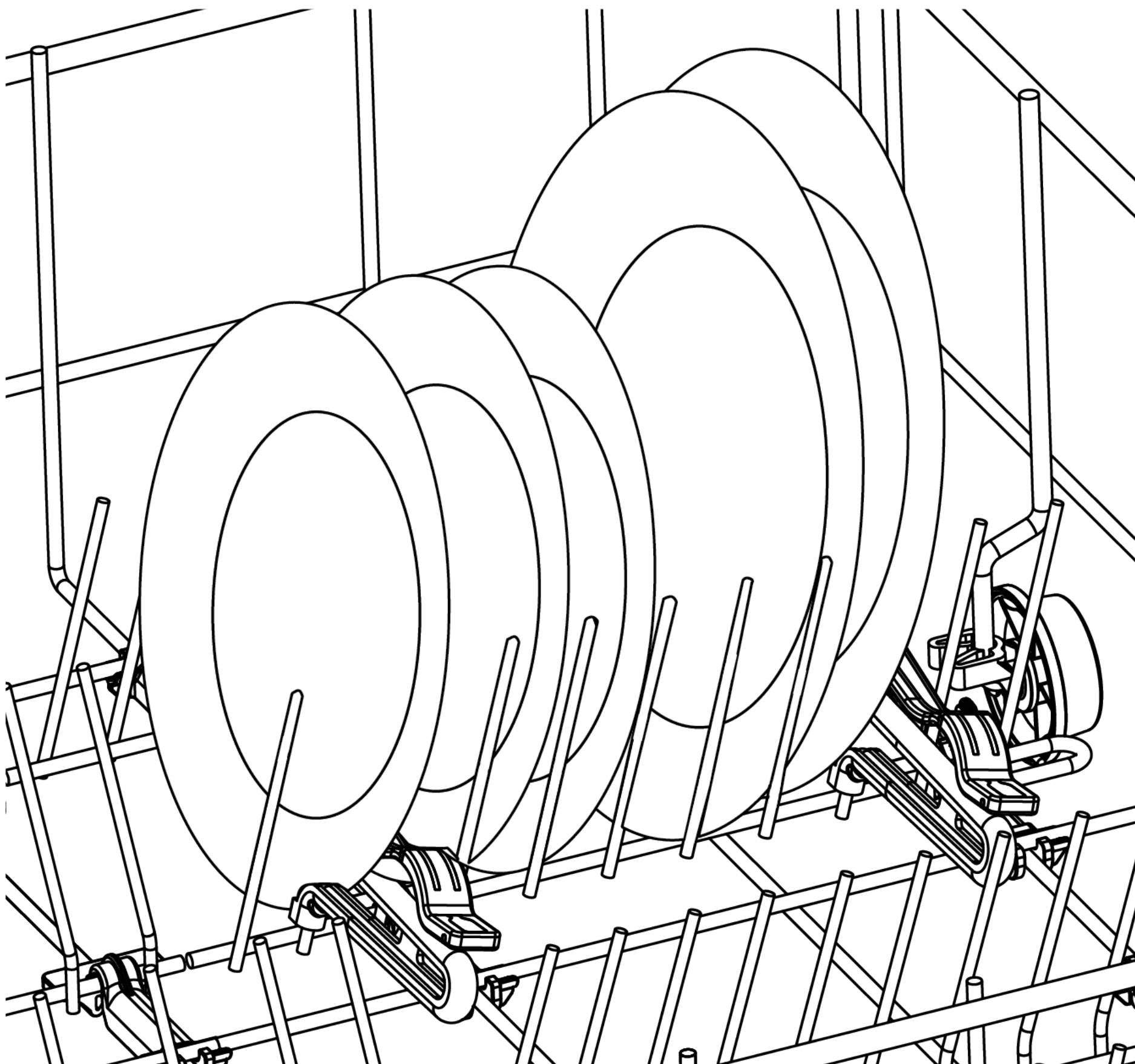
# Lower Basket Bottle and Plate Holder Part

(Depends on Model)

The lower basket bottle and plate holder part (A) is designed to allow you to wash narrow-mouthed and tall dishes more easily. After placing the foldable wires in a lying position, you can place your bottles on the bottle holder parts. Secure your bottles by clamping them on the bottle holder clip part, as in the image below.



When you put the foldable wires in an upright position, you can place your plates without removing the holder parts.



## ANNOUNCEMENT



Holding the ends of the wires and placing them in a lying position may cause them to bend. For this reason, it would be appropriate to hold the middle wires from their bases and place them in a lying or upright position.

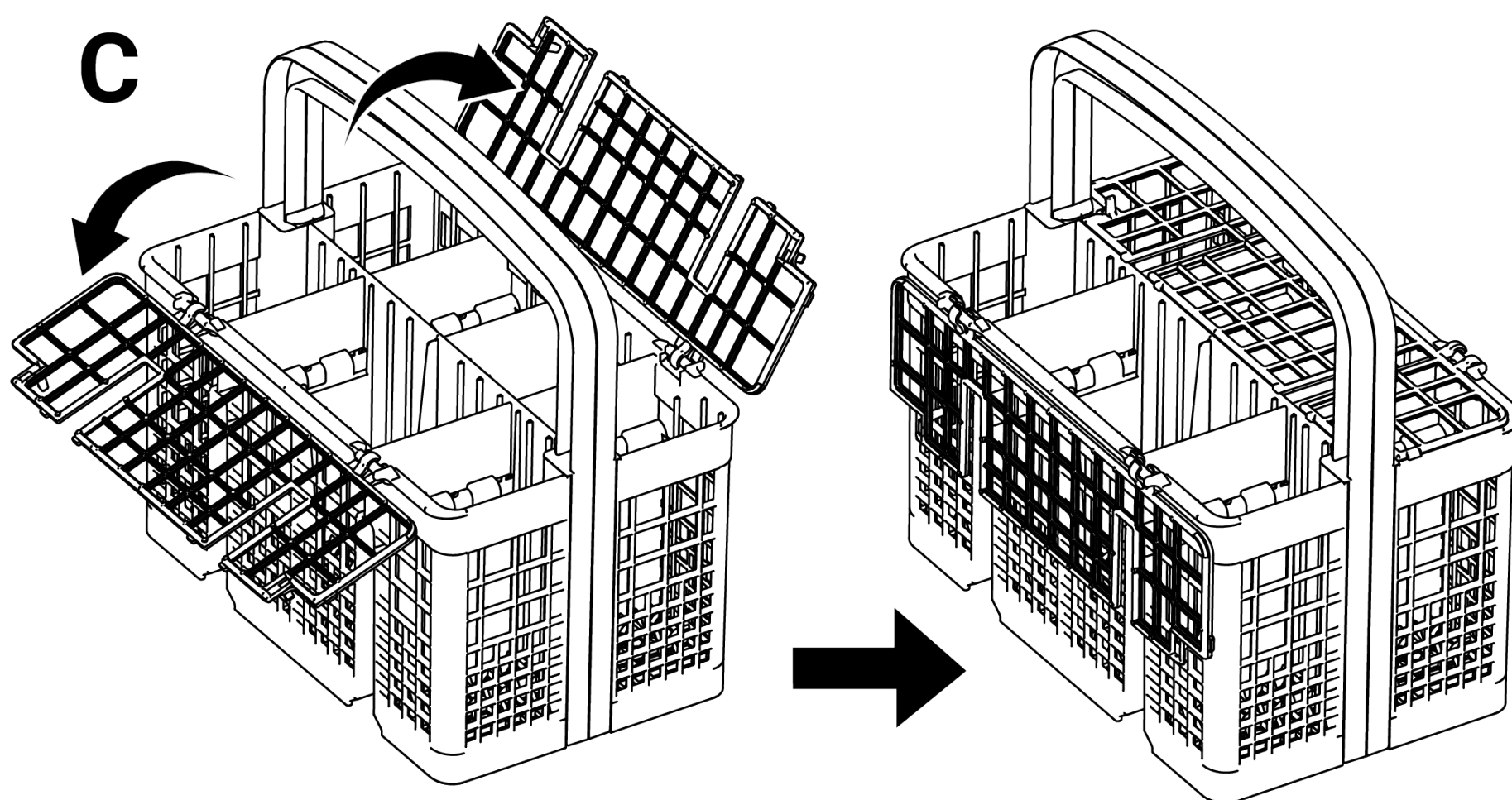
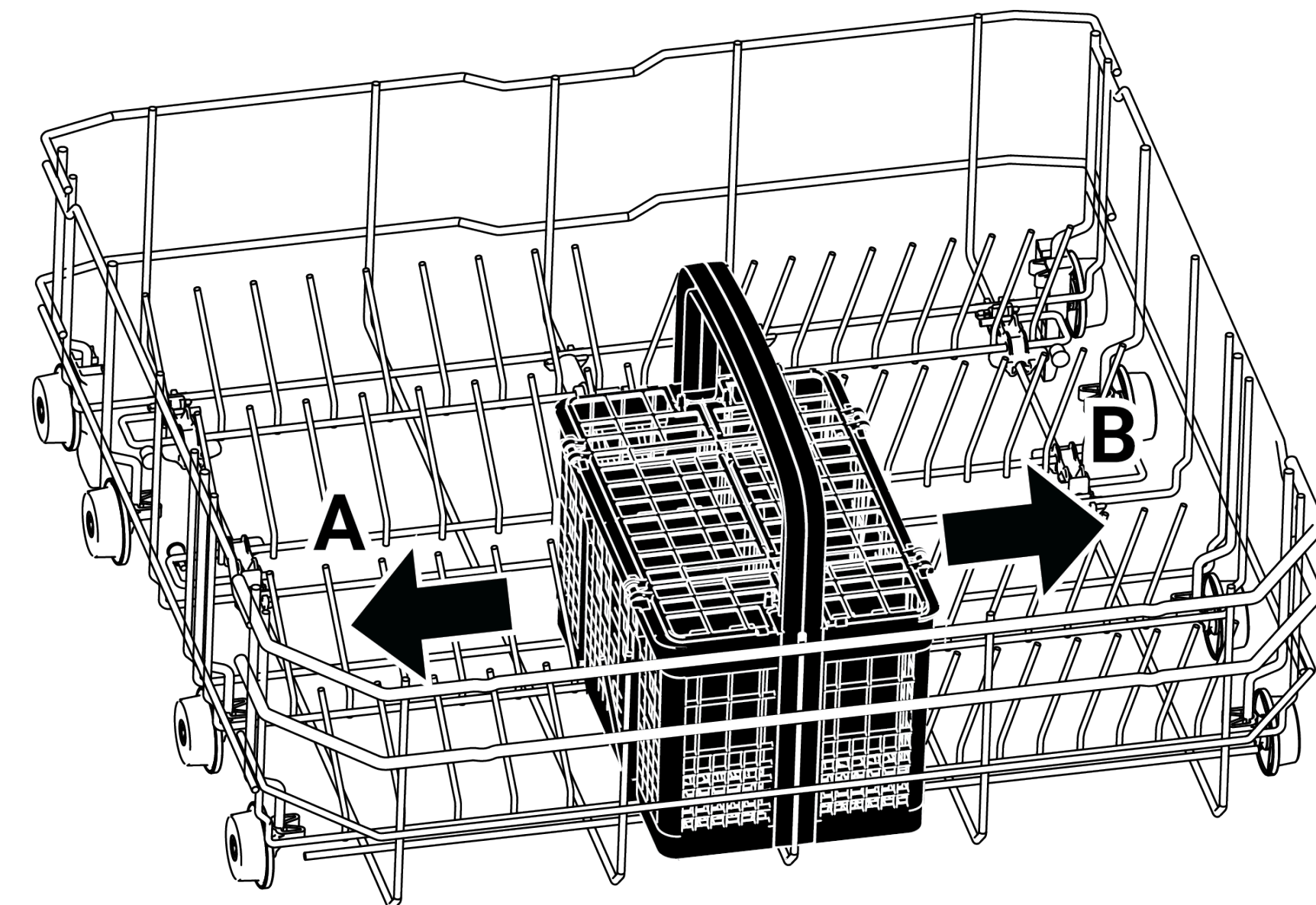


# fork spoon basket

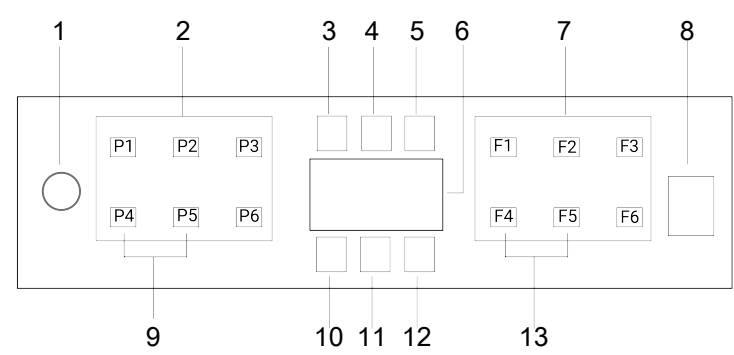
(Depending on model)

Cutlery basket, knife, fork, spoon, etc. It is specially designed to wash your dishes more cleanly.

Thanks to the moving (A, B) feature of the cutlery basket, you can create larger spaces and make room for dishes of different sizes when placing your dishes in the lower basket. If you want to put more cutlery, you can fold the separators to the side. (C)



# Operating the product



one	On/Off Button	2	Program Selection Keys
3	Salt Deficiency Warning Indicator	4	Rinse Aid Lack Warning Indicator
5	Program Running Indicator	6	Screen
7	Function Selection Keys	8	Start/Pause/Cancel Buttons
9	Child (Key) Lock Function	10	Child (Key) Lock Indicator
11th	Homewhiz Indicator	12	Automatic Door Opening Indicator
13	Automatic Door Opening Function		

## ANNOUNCEMENT



Read the Safety warnings section first

## ANNOUNCEMENT



Do not touch the machine screen with wet hands.

## ANNOUNCEMENT



The buttons do not work when the door is open. Make sure the door is closed for the buttons to work.

## On/Off Button

When you press the On/Off button, the indicator lights on the screen turn on in the On position. It goes out in the off position.

## Program Selection / Program Cancel Button

**With the door closed, select the program you want to run from the "program selection buttons" section and press the button. To cancel the running program, press the Start / Pause / Cancel button for 3 seconds. After a countdown of 3 – 2 – 1, 0:01 is**

**displayed on the screen and the evacuation process begins. The evacuation process is completed within 2 minutes and your machine will give an audible warning when it is finished.**

## **Function Keys**

**When the Function Keys are pressed while the door is closed, during program selection or delay selection, a positive key warning sound will be heard if the program you selected supports the function you selected. When the indicator of the Selected Function lights up, the function is selected.**

**To cancel the function selection, press the function key again until the function indicator goes out.**

## **Preparing the machine**

1. Open the dishwasher door.
2. Place your dishes according to the information given in the user manual.
3. Make sure the upper and lower impeller rotate freely.
4. Put sufficient amount of detergent into the detergent compartment.

## **Program selection**

1. Turn on your machine by pressing the On/Off button with the door closed.
2. Lack of Salt and Rinse Aid Check the warning indicators and add salt and/or rinse aid if necessary.
3. Determine the appropriate washing program for your dishes by looking at the program information and average consumption values table.
4. When you press the Start/Pause/Cancel button of your machine, the selected program starts.

## **Additional Information**

[Table of program information and average consumption values](#)

[Additional functions](#)

[Functions Under Settings Menu](#)

[Starting the Program](#)

[Resetting / Cancelling the Program](#)

[Salt Deficiency Warning Indicator](#)

[Rinse Aid Lack Warning Indicator](#)

[Adjusting the Amount of Rinse Aid](#)

[End of Program](#)

# Table of program information and average consumption values

Program Bilgileri ve Ortalama Tüketim Değerleri Tablosu				
Program No	1	2	3	4
Program Adı	Otomatik	Yoğun	Eko *	Hızlı 45 dk.
Yıkama Sıcaklığı	40-65 °C	70 °C	50 °C	60 °C
Kirlilik Düzeyi	Bulaşıkların kirlilik seviyesine karar vererek yıkama sıcaklığını, su miktarını ve yıkama süresini otomatik olarak ayarlar. Tüm bulaşık tipleri için uygundur.	Ağır kirli tencere ve tavalar için uygundur.	Normal kirli bulaşıkları temizlemek için uygundur. Kombine enerji ve su tüketimi açısından en verimli programdır. AB eco-tasarım mevzuatına uyumu değerlendirmek için kullanılır.	Günlük bulaşıkların en hızlı şekilde yıkanması için uygun yıkama programıdır.
	Orta - Çok	Çok	Orta	Orta
	+	+	+	+
	+	+	+	+
	+	+	+	+
Ön Yıkama				
Yıkama				
Kurutma				
Program Süresi (dakika)	100-148	140	230	45
Su Tüketimi (litre)	9,4-12,4	16.8	9.5	10.6
Enerji Tüketimi (kW saat)	0,90-1,45	1.32	0.768	1.1
Kullanılabilir Fonksiyonlar	T, E, G, R, Z, H, M, K	T, E, G, Y, F, R, U, Z, H, M, K	T, E, G, Y, F, S, R, U, Z, H, M, K	T, E, G, R, B, M, K
<b>Kapasite: 16</b>				
Tabloda verilen tüketim değerleri standart koşullarda ölçülmüş değerlerdir. Bu nedenle günlük kullanımda farklılıklar olabilir. * Test Enstitüsü için referans program. EN 50242/60436 standardına göre yapılan testler referans programda su yumuşatıcısı tuz bôlmesinin ve parlatıcı bôlmesinin dolu olması durumunda yapılmalıdır. Eco 50°C dışındaki programlar için verilen değerler yalnızca bilgi amaçlıdır. (#) Ek fonksiyonlar program sürelerinde değişikliğe sebep olabilir.				

İndirilebilir Program Bilgileri ve Ortalama Tüketim Değerleri Tablosu							
Program No	D1	D2	D3	D4	D5	D6	D7
Program Adı	Karma	Ekstra Sessiz	Hassas	Hızlı 60 dk.	Ön Yıkama	Mini 30 dk (#)	Makine Yıkama
Yıkama Sıcaklığı	-	50 °C	40 °C	70 °C	-	35 °C	-
Kirlilik Düzeyi	Plastik gereçler dahil günlük karma bulaşıklar için en uygun yıkama programıdır. Hassas cam gereçler üst sepette yıkanırken alt sepette tencere ve tavalar yıkanabilir.	Beklemiş normal kirli bulaşıkların en sessiz şekilde yıkanması için günlük yıkama programıdır.	Narin cam eşyaların hassas şekilde yıkanması için özel program.	Beklemiş günlük bulaşıkların en hızlı şekilde yıkanması için uygun yıkama programıdır.	Makine içinde bekletilecek bulaşıkların üstündeki kaba kirlerin alınması için uygundur. Ayrıca makine içinde koku oluşumunu da engeller.	Ön temizleme işleminden geçmiş hafif kirli bulaşıkların hızlı bir şekilde yıkanması için uygundur.	Makine temizliği ve gerekli hijyenin sağlanması için 1-2 ayda bir çalıştırılması önerilen programdır. Makine boşken çalıştırılmalıdır. Daha verimli sonuç elde etmek için özel makine temizleyiciler ile birlikte kullanılmalıdır.
	Orta	Orta	Az	Orta	-	Az	-
	+	+	+	+	+	-	-
	+	+	+	+	-	+	-
	+	+	+	+	-	-	-
Program Suresi (dakika)	150	234	97	60	15	30	75
Su Tüketimi (litre)	19.0	9.6	14.4	13.8	4.0	10.8	15.2
Enerji Tüketimi (kWh saat)	1.3	1.15	0.92	1.2	-	0.78	0.7
Kullanılabilir Fonksiyonlar	T, E, G, Y, F, Z, H, M, K	T, E, G, R, M, K	T, E, G, Y, F, R, B, M, K	T, E, G, R, U, B, H, M, K	-	T, E, G, B, M	M

# Additional functions

The washing programs of the machine are designed to achieve the best cleaning, considering the type of dirt, amount of dirt and the characteristics of the dishes to be washed.

Additional functions have been created to enable you to save time, water and energy and provide a more hygienic and comfortable wash, thanks to your special conditions.

## ANNOUNCEMENT



Additional functions may cause changes in program duration.

## ANNOUNCEMENT



Additional functions are not suitable for all washing programs. The indicator of the function that is not compatible with the program will not be active.

## ANNOUNCEMENT



The functions that can be used in washing programs are shown with letters such as "A, B, D, E, G, F, K..." in the "Program information and average consumption values table." You can find instructions on the use of these functions in the "Additional functions" section of the user manual.

## ANNOUNCEMENT



Some auxiliary functions cannot be used together. If the function you have chosen is not active even though it appears in the "Program information and average consumption values table", you can activate it after turning off other auxiliary functions.

## To add additional functions to the program:

1. Select the washing program you want.
2. When you select an additional function, the indicator of the additional function lights up. When you press the function key again, the indicator goes out and the selection is cancelled.

If your machine has submenu functions depending on the model, review the instructions in the additional functions section for their use.

## ANNOUNCEMENT



Not all functions shown with letters such as "A,B,D,E,G,F,K..." in the "Program information and average consumption values table" are available on your machine. The functions that can be used on your machine are described in the additional functions section of this manual.

## function (H)

(Depending on model)

function:

It is designed to be used when more hygiene is needed in dishwashing. With this function, the washing and rinsing temperatures and duration of the selected program increase. Additionally, additional rinsing is performed to ensure that your dishes are washed and rinsed more hygienically.

If the Automatic Door Opening feature is active on the productfunction cannot be selected.



## ANNOUNCEMENT



information about the hygiene effectiveness of the functionYou can find the function in the information sheet.

## Function (K)

(Depends on Model)

" on your machine.Thanks to the " feature, the drying efficiency of your machine is increased and energy savings are achieved.

When you activate this function, your machine's door opens automatically at the end of the washing program.

The function can extend the duration of the selected program by up to 35 minutes.

## ANNOUNCEMENT



The function can extend the duration of the selected program by up to 35 minutes.

## ANNOUNCEMENT



Its feature opens the door at the end of the wash thanks to the "door opening shafts". This process takes approximately 2 minutes. If the power is cut off while the shafts are coming out, do not force the door to close. When the power returns, the process will be completed and the shafts will be retracted.

## To activate the function:

(Depending on model)

- 1.When the door is closed,To activate the function, press and hold the F4 and F5 function keys simultaneously.
- 2.indicator lights up andbecomes active.

## ANNOUNCEMENT



The function can be activated or deactivated in Program Selection mode.

## To cancel the function:

- 1.When the door is closed, fonksiyonunu iptal etmek için F4 ve F5 fonksiyon tuşlarına aynı anda basılı tutun.
2. göstergesi söner ve fonksiyon deaktif olur.

## Makine Yıkama

(Modele Bağlı)

Makine temizliği ve gerekli hijyenin sağlanması için 1-2 ayda bir çalıştırılması önerilen programdır. Program makine boşken çalıştırılmalıdır.

Daha verimli sonuç elde etmek için özel makine temizleyiciler ile birlikte kullanılması tavsiye edilir.

## TEHLİKE



Makine Yıkama programını bulaşık yıkamak için kullanmayın. Yüksek sıcaklıkta çalıştığı için bulaşıklarınıza zarar verebilir.

# Çocuk (Tuş) Kilidi Fonksiyonu

(Modele Bağlı)

Makinenin çalışması sırasında sizden başka birinin program akışını ve erteleme zamanını etkilemesine ve değiştirmesine engel olabilirsiniz. Çocuk kilidini etkinleştirmek için:

- 1.Kapı kapalı iken, Çocuk (Tuş) Kilidi fonksiyonunu aktif etmek için P4 ve P5 program tuşlarına aynı anda basılı tutun.
- 2.Çocuk (Tuş) kilidi göstergesi yanar ve tuş kilidi aktif olur.

## DUYURU



Çocuk kilidi seçilen fonksiyonların değiştirilmesini önler ve Başla / Bekle / İptal tuşunu etkisiz hale getirir.

## DUYURU



Çocuk kilidi, makinenin kapısını kilitlemez.

## DUYURU



Açma / Kapatma tuşu ile makinenizi kapatırsanız çocuk kilidi otomatik olarak devreden çıkar.

Çocuk kilidini iptal etmek için:

- 1.Kapı kapalı iken, Çocuk (Tuş) Kilidi fonksiyonunu iptal etmek için P4 ve P5 program tuşlarına aynı anda basılı tutun.
- 2.Çocuk (Tuş) kilidi göstergesi söner ve tuş kilidi iptal olur.

# Yere ışık yansıtma (Makine yıkıyor uyarısı)

(Modele bağlı)

Makineniz yıkama işlemi süresince yere ışık yansıtır. Yıkama işlemi tamamlandığında ışık söner.

## DUYURU



Yıkama programı başladığında yere ışık yansıtma özelliği otomatik olarak aktif olur ve program bitene kadar yanar.

## DUYURU



Yere ışık yansıtma kullanıcı tarafından iptal edilebilen bir özellik değildir.

## DUYURU



Tam ankastre modellerde "Makine yıkıyor uyarısı" düzgün şekilde görülebilmesi için kapının yerden minimum 40 mm yüksek olacak şekilde montajı yapılmalıdır.

# Fonksiyonu (G)

(modele bağlı)

Bu fonksiyon en üst düzeyde kurutma performansı sağlar. Seçildiği program süresini 35 dakikaya kadar uzatabilir.



## Turbo fonksiyonu (F)

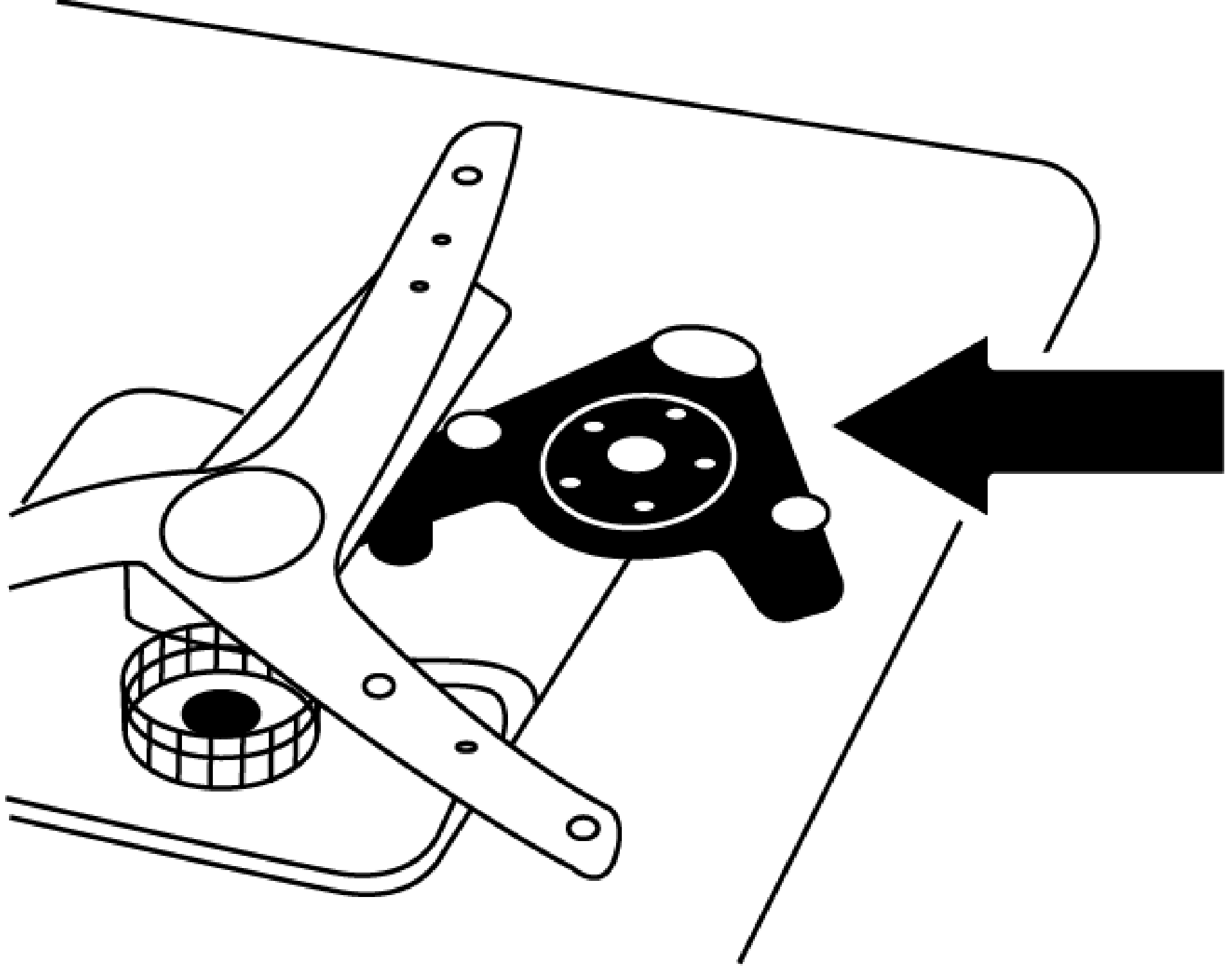
(modele bağılı)

Seçilen programın daha yüksek basınçta ve sıcaklıkta yıkama yapmasını sağlayarak yıkama süresini kısaltır ve su miktarını azaltır.

## fonksiyonu (B) / (Z)

(modele bağılı)

Alt pervane altında yer alan Şişe/Tencere yıkama pervanesi (A) seçilen programa göre alt sepetin sağ tarafına yerleştirilen şişelerinizin ve yoğun kirli bulaşıklarınızın daha iyi yıkanmasını sağlar.



### DUYURU



Şişe/tencere yıkama parçasını yerinden çıkartmaya çalışmayın!

### DUYURU



Seçildiği program süresini 35 dakikaya kadar uzatabilir.

### DUYURU



Program seçiminize göre Tencere Yıkama (Z) veya Şişe Yıkama (B) fonksiyonu olarak kullanılabilir. Detaylı bilgi için Program Bilgileri ve Ortalama Tüketim Değerleri Tablosuna bakınız.

# Tablet Deterjan Fonksiyonu (T)

(modele bağı)

Şebeke suyu sertliğine bağı olarak 2in1, 3in1, 4in1, 5in1, hepsi bir arada vb. isimlerde adlandırılan çok amaçlı deterjanlarla yapılan yıkamalarda daha iyi kurutma sağlar. Tablet deterjan fonksiyonunu seçtiğinizde Tablet Deterjan göstergesi yanar.

## DUYURU



Makinenizin kontrol sistemine bağı olarak Tablet Deterjan fonksiyonu seçtiğiniz programda kullanılabilir değıl ise göstergesi söner Tablet deterjan fonksiyonunun hangi programlarda kullanılabileceğı bilgisine "Program bilgileri ve ortalama tüketim değıerleri tablosundan" ulaşabilirsiniz.

## DUYURU



Bazı modellerde makinenizin kontrol sistemine bağı olarak Tablet Deterjan fonksiyonu, seçtiğiniz programda kullanılabilir olmasada göstergesi Tablet deterjan fonksiyonu kapatılmadığı sürece yanık kalabilir bu fonksiyonun hangi programlarda kullanılabileceğı bilgisine "Program bilgileri ve ortalama tüketim değıerleri tablosundan" ulaşabilirsiniz.

## DUYURU



En son kullandığınız yıkama programında Tablet Deterjan özelliğini kullandıysanız, bir sonraki seçtiğiniz yıkama programında Tablet Deterjan fonksiyonu aktif durumda kalır.

## DUYURU



Tablet deterjan fonksiyonu program süresini 35 dakikaya kadar arttırabilir.

# Erteleme fonksiyonu

(modele bağı)

Bulunduğunuz bölgede ekonomik elektrik tarifiesi uygulanıyorsa, bulaşıklarınızı ilgili saatlerde yıkamak için erteleme fonksiyonunu kullanabilirsiniz.

Seçtiğiniz programın başlama zamanını 24 saate kadar erteleyebilirsiniz.

- 1.Kapı kapalı iken, Yıkama programını ve diğerk ek fonksiyonları seçtikten sonra erteleme tuşuna basın.
- 2.Erteleme tuşuna bastığınızda Ekran Bilgi Satırında "1h" görüntülenir ve Erteleme göstergesi yanıp sönmeye başlar.
- 3.Erteleme tuşuna basarak istediğiniz süreyi ayarlayın. Tuşa her bastığınızda süre 1'er saatlik dilimler halinde 24 saate kadar artar. Erteleme tuşuna uzun süreli basmalarda devamlı olarak saat artımı gerçekleşir.
- 4.Başla / Bekle / İptal tuşuna basın. Erteleme bittiğinde program otomatik olarak başlayacaktır.

# Erteleme fonksiyonu devredeyken ayarların değıştirilmesi

Erteleme fonksiyonu etkinken yıkama programı, ek fonksiyonlar veya erteleme süresinde değışiklik yapamazsınız.

## DUYURU



Program başladıktan sonra program ve yardımcı fonksiyonlar ayarlanamaz/değıştirilemez.

# Erteleme fonksiyonunu iptal etmek için

Kapı kapalı makine açık iken Başla / Bekle / İptal tuşuna 3 saniye boyunca basın. Erteleme fonksiyonu iptal edildiğinde, program seçim moduna dönüş yapılır.

## Otomatik Sıvı/Jel Deterjan Dozaj Fonksiyonu

(modele bağlı)

Otomatik Sıvı/Jel Deterjan Dozaj fonksiyonu tuşuna bastığınızda seçim göstergesi yanarak aktif hale gelir.

Foksiyon tuşuna tekrar basılırsa fonksiyon üzerindeki seçim göstergesi söner ve fonksiyon deaktif olur.

Seçtiğiniz yıkama programı ve ayarlarınıza göre sıvı/jel deterjanı otomatik olarak ayarlar.

### DUYURU



Otomatik Sıvı/Jel Deterjan Dozaj fonksiyonu makine ilk defa açılıp deterjan doldurulduğunda kendiliğinden aktif hale gelir.

### DUYURU



Fonksiyonu seçtiğinizde seçim göstergesi yanıp söniyorsa deterjan kutusuna sıvı/jel deterjan eklemeniz gerekmektedir.

### DUYURU



Otomatik Sıvı/Jel Deterjan Dozaj fonksiyonu program sürelerinde değişikliğe neden olur.

## İç Aydınlatma

(Modele Bağlı)

Uygun modellerde kapı açıldığında makinenizin içini aydınlatan lamba bulunmaktadır.

1. With the door closed, turn on your machine with the On/Off button and enter the Sub-Menu by pressing the On/Off and P2 program buttons simultaneously for 3 seconds.
2. Press the P2 program key to move to the "L:" position on the screen. Select the desired location with the P3 program key. The interior lighting feature is off in "L:0" position and active in "L:1" position.
- 3.To save, exit the settings menu by pressing the On/Off button of your machine for 3 seconds. Your settings will be saved automatically.

# Functions Under Settings Menu

(Depending on model)

Additional functions are available under the settings menu of your machine, depending on the model.

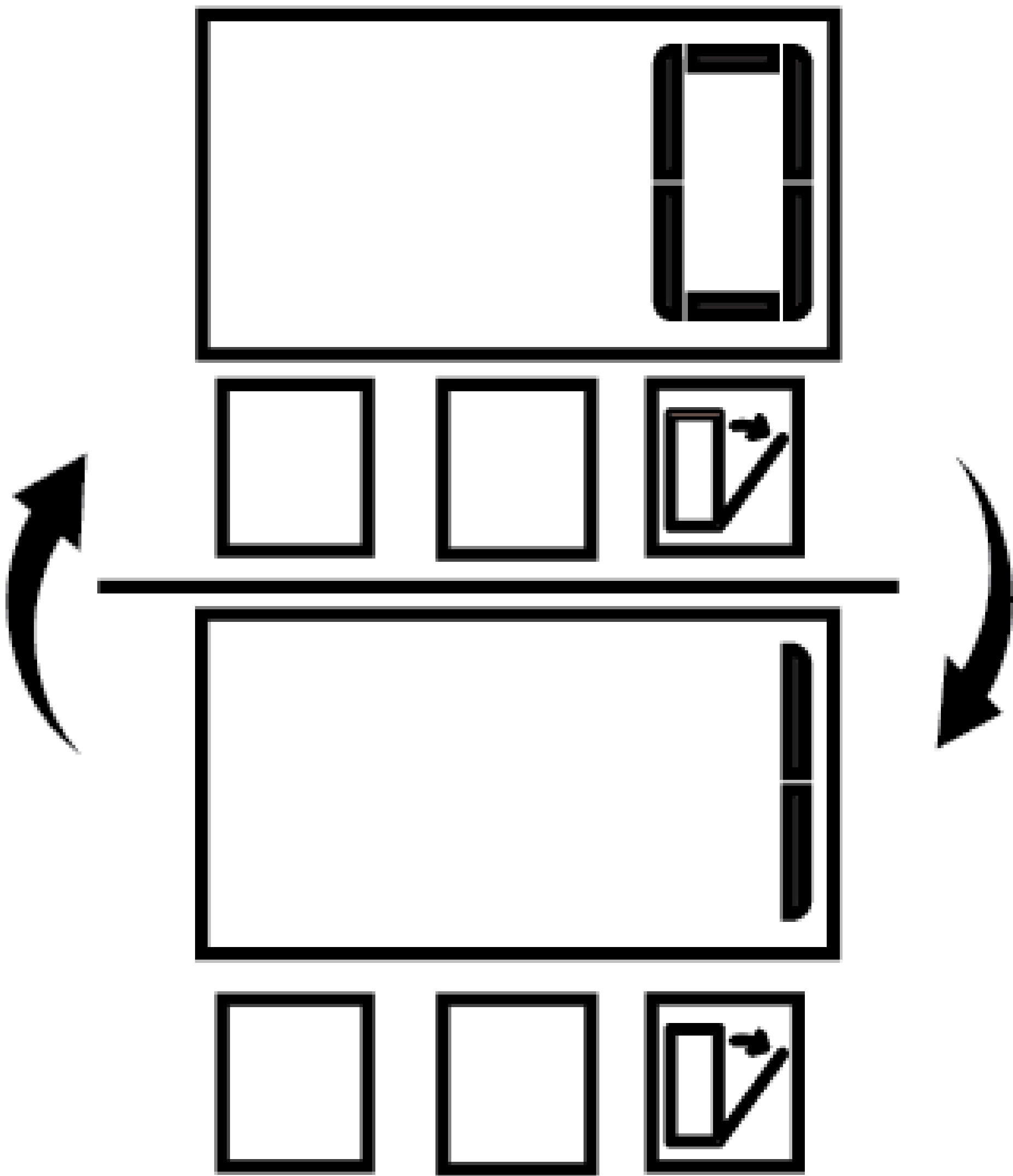
After turning on your machine with the On/Off button while the door is closed, enter the Sub-Menu by pressing the On/Off and P2 program buttons at the same time for 3 seconds. You can navigate through the menu with the Program 2 button and come to the function or setting you want to operate.

Change the function or setting you want to change with the Program 3 button, save the settings by pressing the On-Off and Program 2 buttons simultaneously or the On-Off button for 3 seconds, and return to the selection mode.

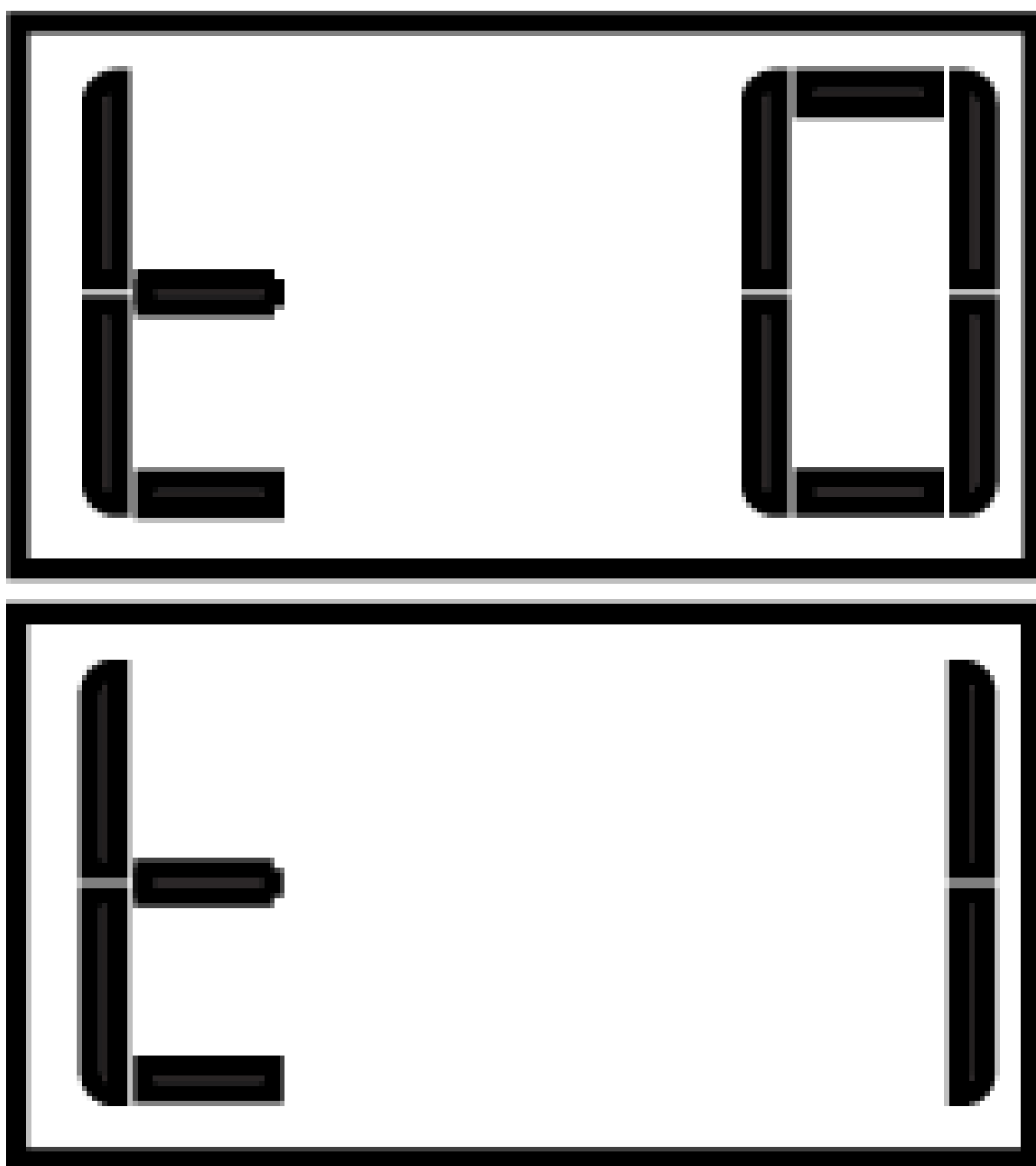
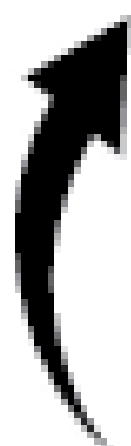
## Sub Menu Functions:

(Depending on model)

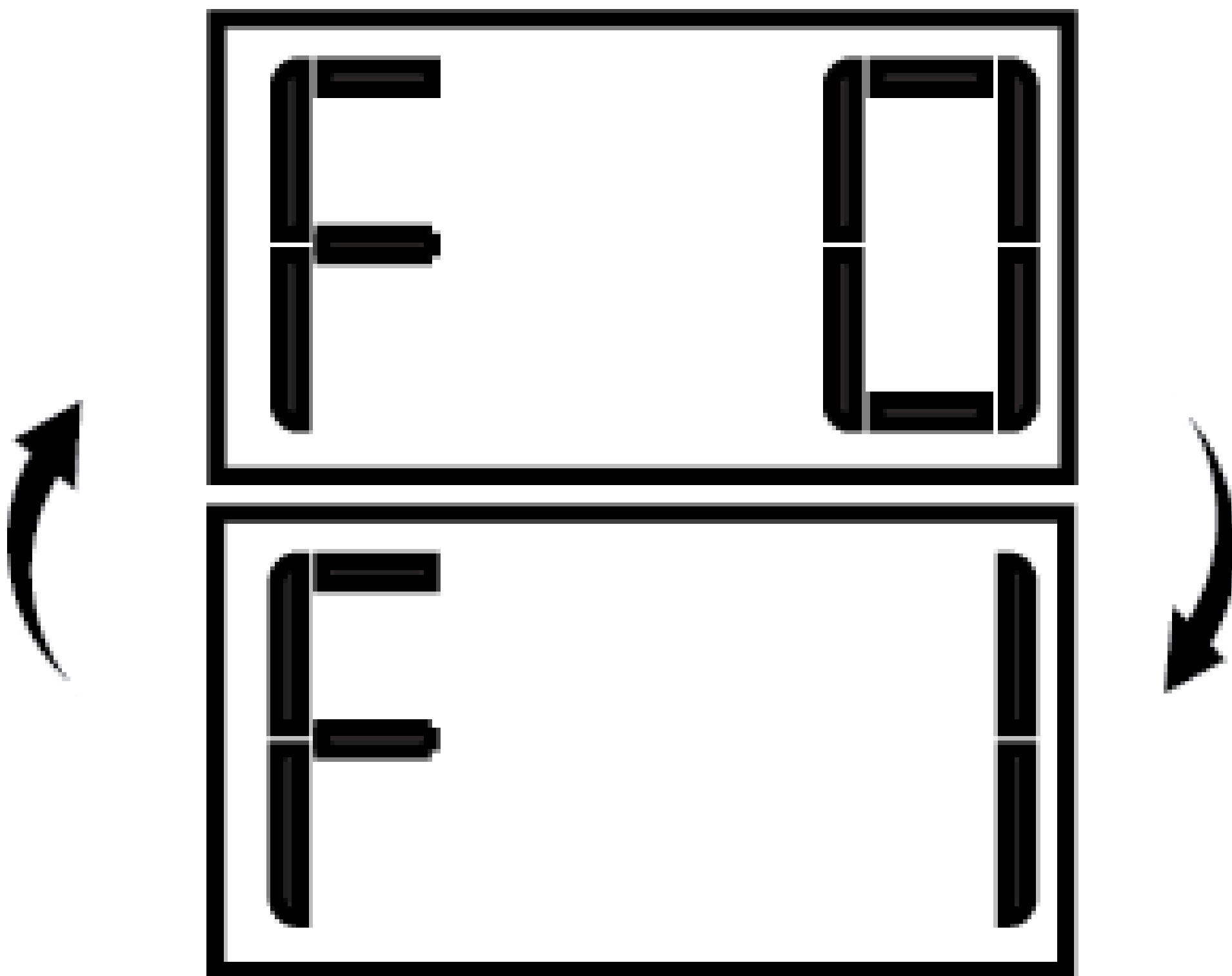
Function Off / On



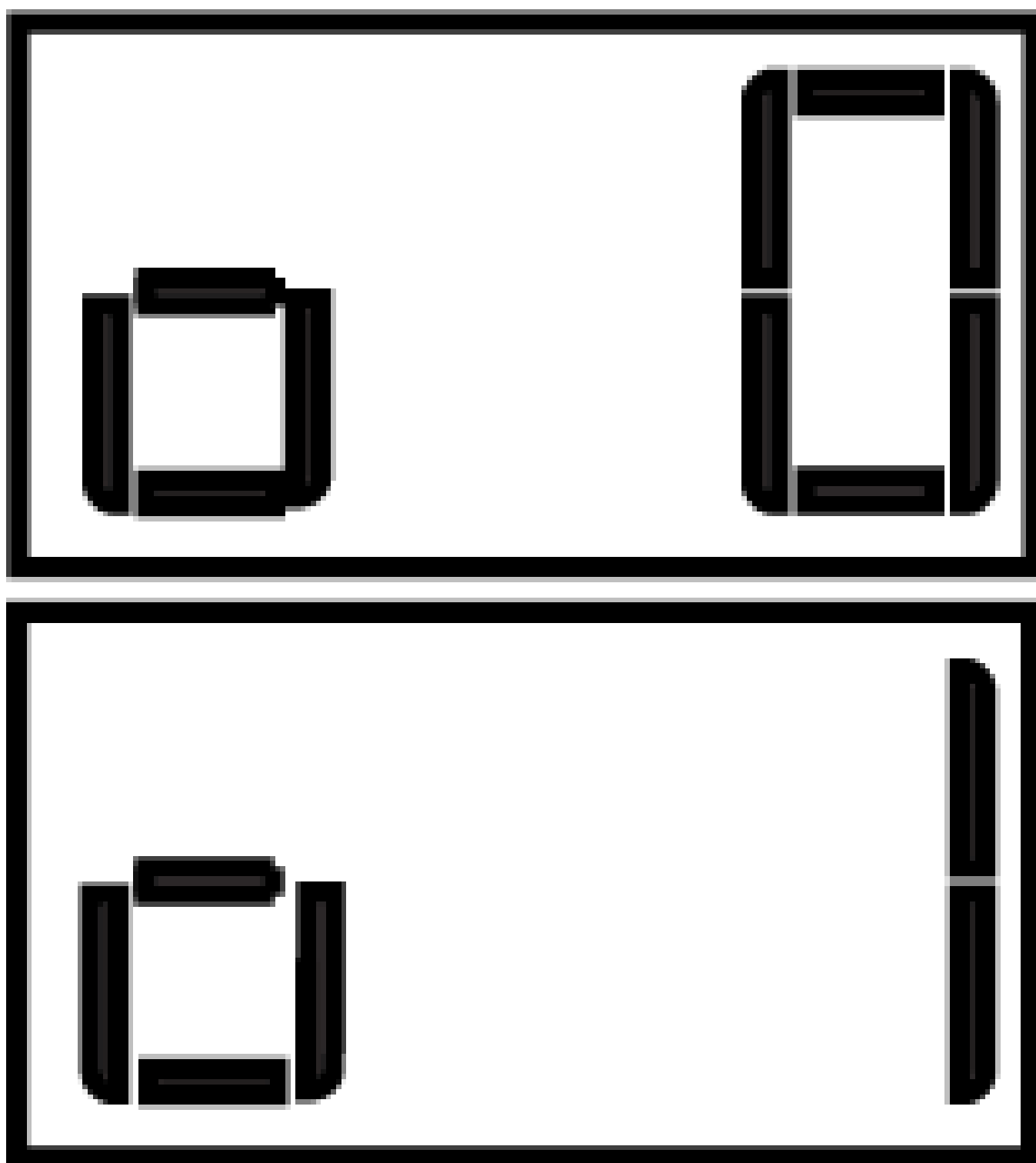
Tablet Detergent Function Off / On



Function Off / On



IonGuard Function Off / On





# Starting the Program

After selecting the program and additional functions, close the door of your machine to start it.

## ANNOUNCEMENT



Depending on the hardness of the mains water, water softening is performed in the machine. Washing time may vary while the program is running, depending on the temperature of the room where the machine is located, the mains water temperature and the amount of your dishes.

---

## ANNOUNCEMENT



Be careful not to open the door of the machine while it is operating. When you open the door of the machine, steam may escape, be careful.

---

## ANNOUNCEMENT



After rinsing, it remains silent for a while in standby mode to allow the remaining water on the dishes and inside the machine to drain completely and to clean the water softener, then it continues to work in the drying step.

---

# Resetting / Cancelling the Program

With the door closed, press the Start / Pause / Cancel button for 3 seconds.

The display shows 0:01 after a countdown of 3 – 2 – 1, wait for the evacuation process to be completed.

The evacuation process is completed within 2 minutes and your machine will give an audible warning when it is finished.

## ANNOUNCEMENT



Some models do not have an audible warning.

---

## ANNOUNCEMENT



Depending on the remaining step of the program you cancelled, detergent or rinse aid may remain in the machine and/or on the washed parts.

---

# Salt Deficiency Warning Indicator

To understand whether the amount of softening salt in your machine is sufficient, check the salt deficiency warning indicator on your machine's screen. When the salt deficiency warning indicator on your machine's screen starts to light up, you need to refill the salt compartment with salt.

## ANNOUNCEMENT



Adjusting the water hardness level is described in the Water Softener System section.

---

# Rinse Aid Lack Warning Indicator

To understand whether the amount of rinse aid in your machine is sufficient, check the rinse aid deficiency warning indicator on your machine's screen. When the rinse aid lack warning indicator on your machine's screen starts to light up, you need to fill the rinse aid compartment again with rinse aid.

# Adjusting the Amount of Rinse Aid

1. With the door closed, turn on your machine with the On/Off button and enter the Sub-Menu by pressing the On/Off button and the P2 program button simultaneously for 3 seconds.
2. Press the P2 program key to move to the "P" position on the screen.
3. Select one of the positions "P:0", "P:1", "P:2", "P:3" or "P:4" with the P3 program button and adjust it to the appropriate level.
- 4.Exit the settings menu by pressing the On/Off button for 3 seconds. Your settings will be saved automatically.

In P:0 position, no rinse aid is added in the washing program.

At P:1 position, 1 dose of rinse aid is applied.

At P:2 position, 2 doses of rinse aid are applied.

At P:3 position, 3 doses of rinse aid are applied.

At P:4 position, 4 doses of rinse aid are applied.

# End of Program

## ANNOUNCEMENT



To save energy, your machine automatically turns off after a certain period of time when the program ends or if the program is not started.

---

## ANNOUNCEMENT



After washing your dishes, let them cool in the machine for about 15 minutes. If you leave the machine door ajar during this period, your dishes will dry in a shorter time. This process will increase the drying efficiency of the machine.

---

# Maintenance and Cleaning

## Additional Information

[Maintenance and cleaning](#)

[Cleaning the filters](#)

[Cleaning the hose filter](#)

[Cleaning the propellers](#)

# Maintenance and cleaning

## ANNOUNCEMENT



Read the "Safety Instructions" section first!

---

## ANNOUNCEMENT



Before cleaning the machine, unplug it and turn off the tap.

---

## ANNOUNCEMENT



Do not use abrasive materials when cleaning.

---

## ANNOUNCEMENT



For efficient operation of the machine, clean the filter and impellers at least once a week.

---

If it is cleaned at regular intervals, the product's lifespan will be extended and frequently encountered problems will be reduced.

## Cleaning the outer surface of the machine

Gently wipe the exterior of your machine and door seals with a sensitive cleaning material and a damp cloth. Wipe the "control panel" only with a slightly damp cloth.

## Cleaning the inside of the machine

Clean the machine monthly with detergent or special machine cleaning agents by running it on the program running at the highest possible temperature. This process will help remove residue and limescale from inside the machine.

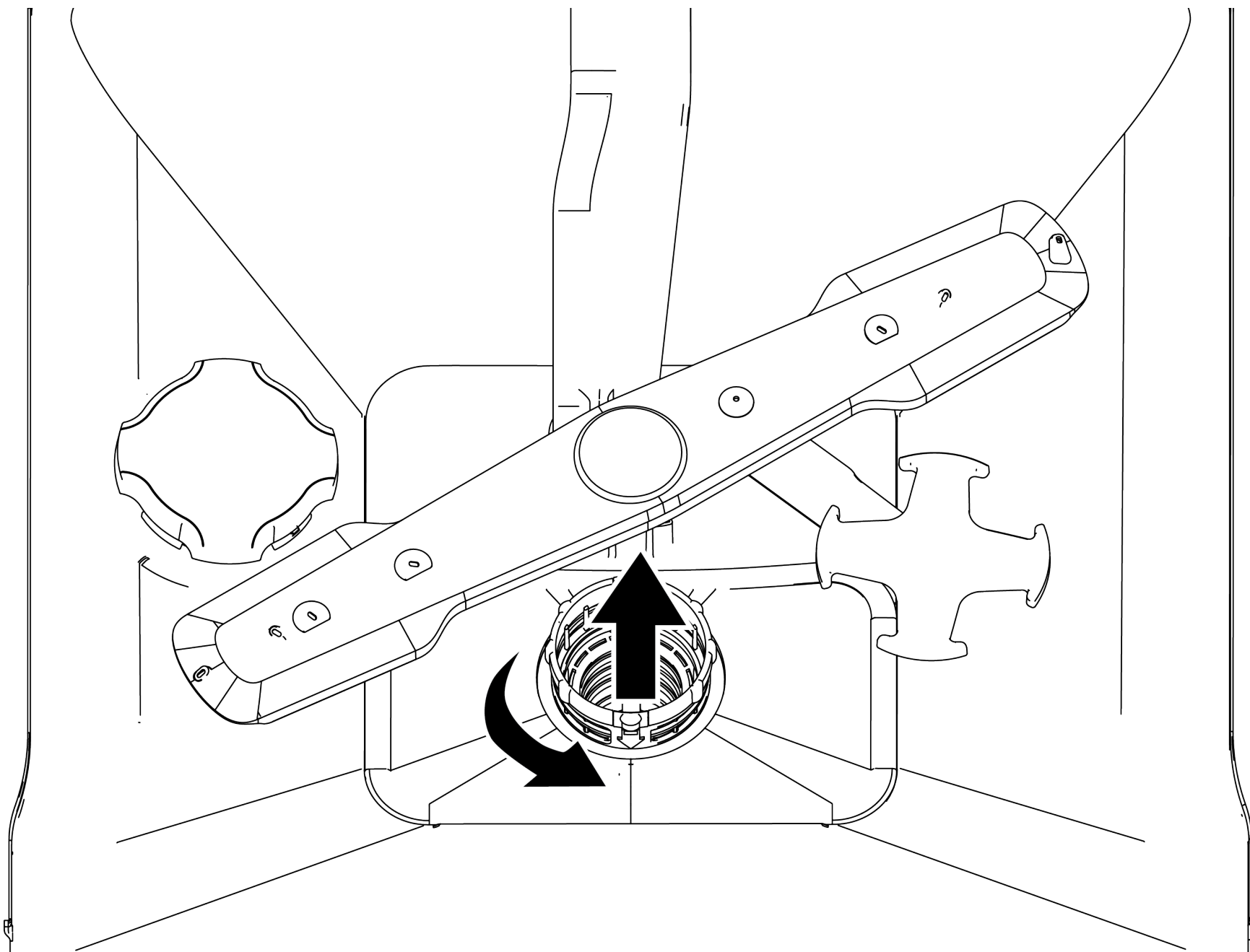
If there is water left inside the machine, ensure that the water in the machine is drained by following the procedures in the "Cancelling the program" section. If the water cannot be drained, remove the filters as stated in the "Cleaning the filters" section and check whether there are pieces of dirt that have accumulated at the bottom of the machine and blocked the water path, and clean them if necessary.



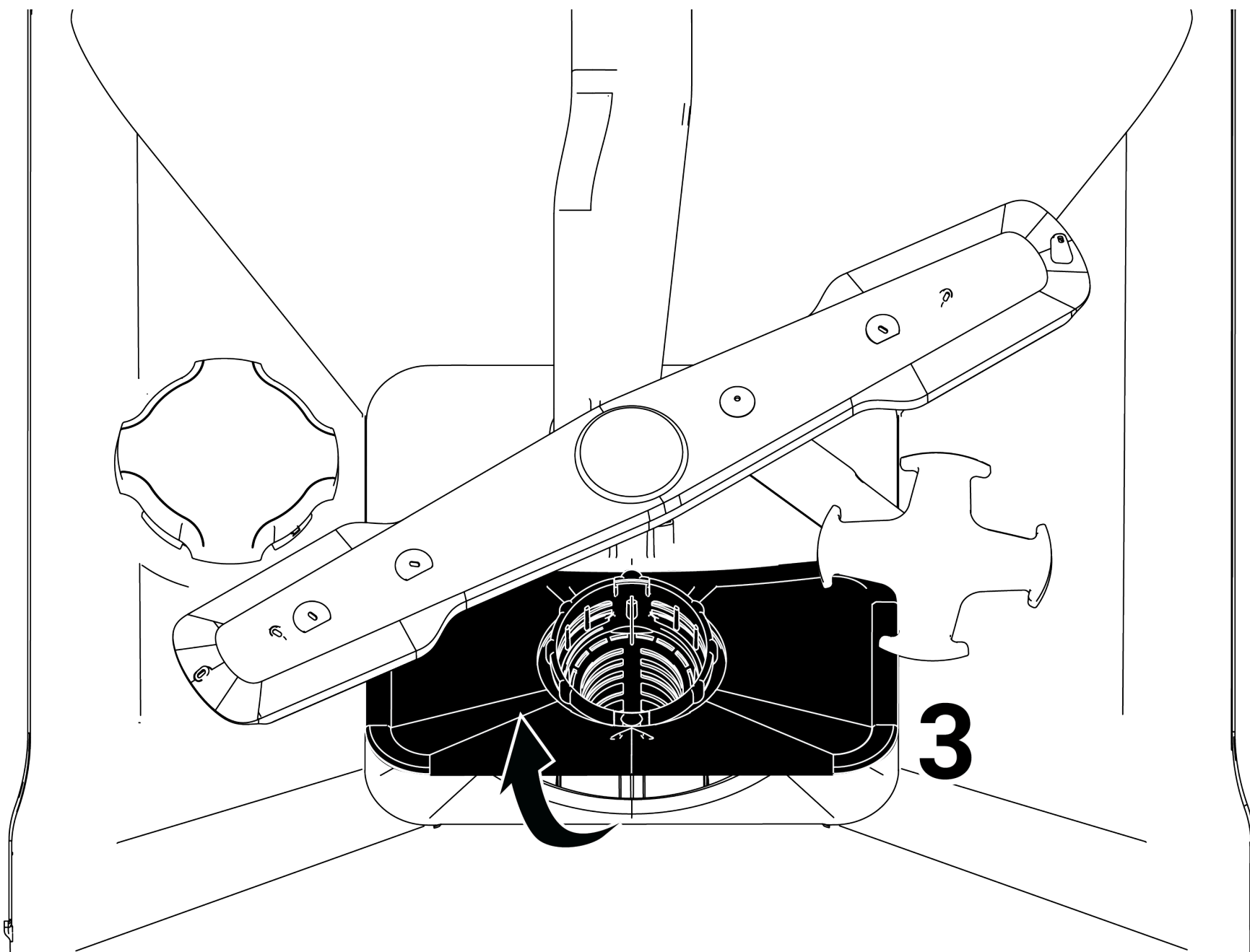
# Cleaning the filters

For the machine to work efficiently, clean the filters at least once a week. Check if there is any food residue on the filters. If there is any food residue, remove the filters and clean them thoroughly under the tap.

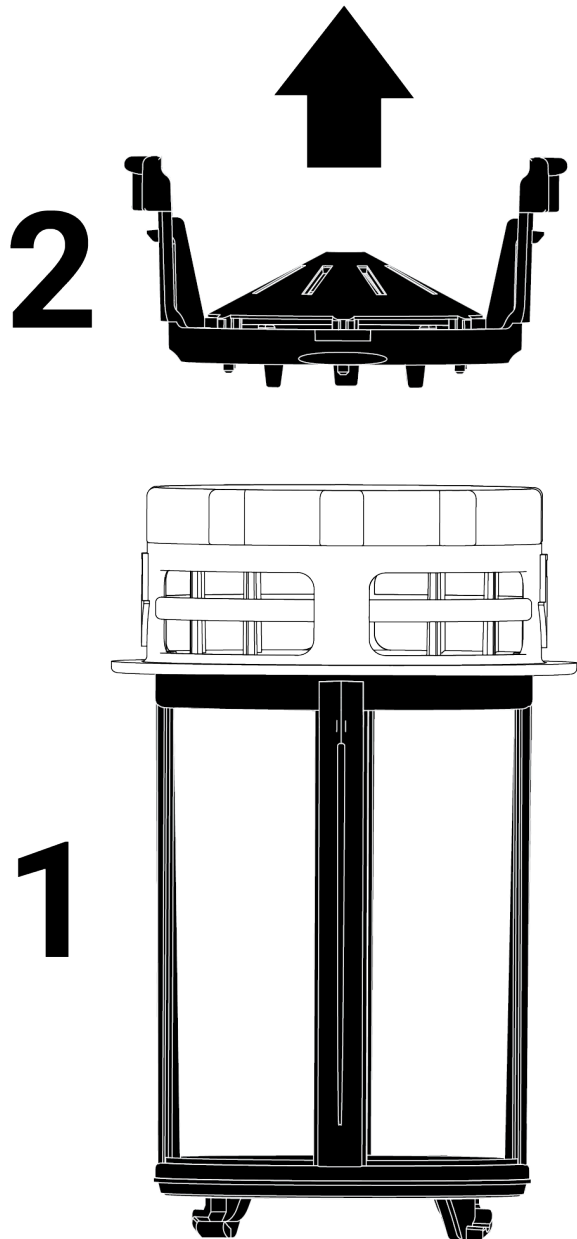
1. Remove the micro filter and coarse filter group by turning them counterclockwise and pulling them out.



2. Remove the metal/plastic filter (3) by pulling it out.



3. Separate the coarse filter from the group by pressing the two tongues on the coarse filter inward.



4. Clean all three filters under the tap with a brush.

5. Replace the metal/plastic filter.

6. Insert the coarse filter into the micro filter. Make sure it is positioned correctly. Turn clockwise until you hear a click.

ANNOUNCEMENT



The machine should not be used without a filter.

ANNOUNCEMENT



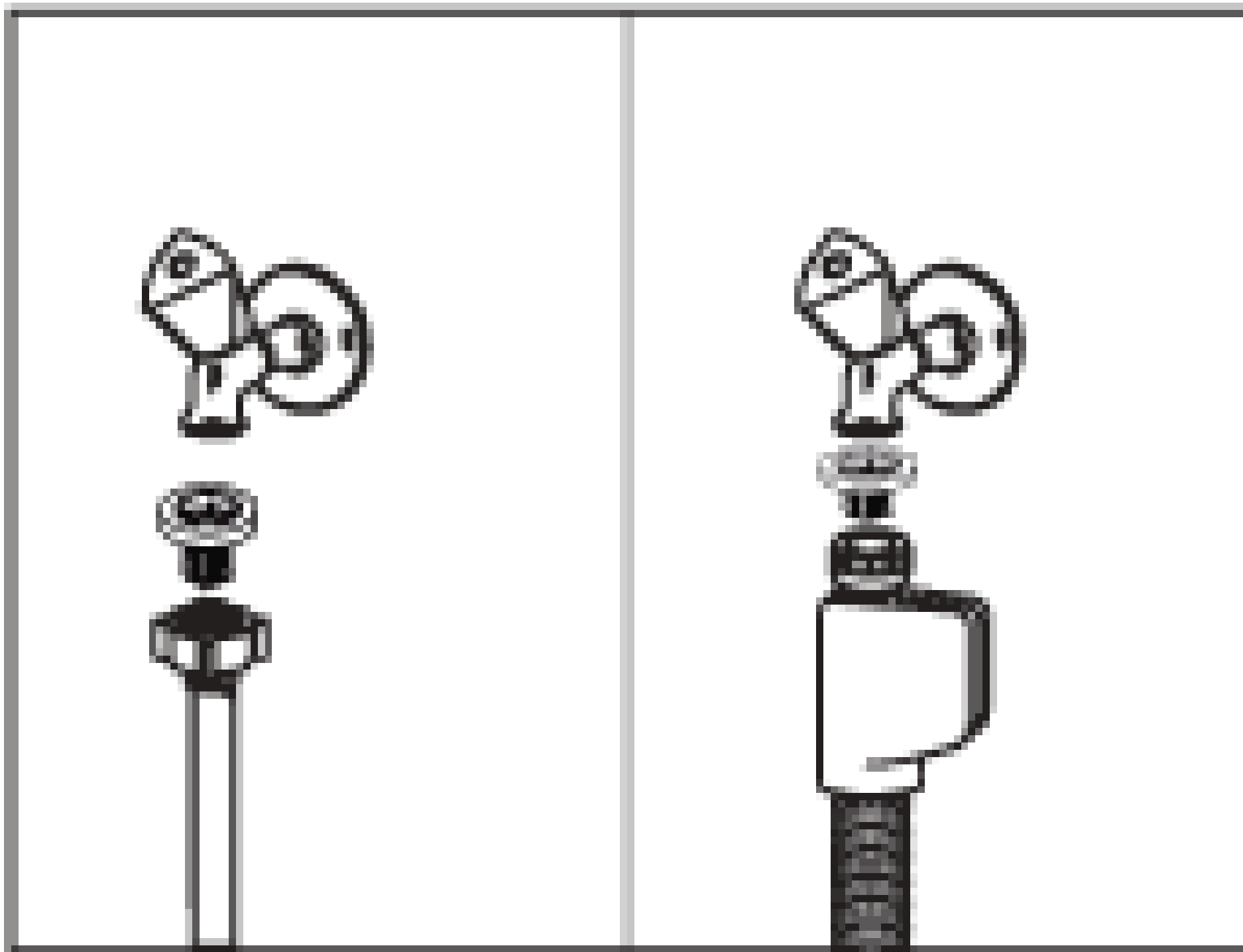
Failure to install the filters correctly will reduce washing effectiveness.

# Cleaning the hose filter

The dirt (sand, clay, rust, etc.) that may come from the city network or your water installation is prevented from damaging the machine with the help of the filter in the water inlet hose. Check the filter and hose from time to time and clean if necessary.

1. Turn off the tap and unscrew the hose.
2. After removing the filter from the hose, clean it under the tap.
3. Place the cleaned filter back into its place in the hose.
4. Attach the hose to the faucet.

(Depending on model)

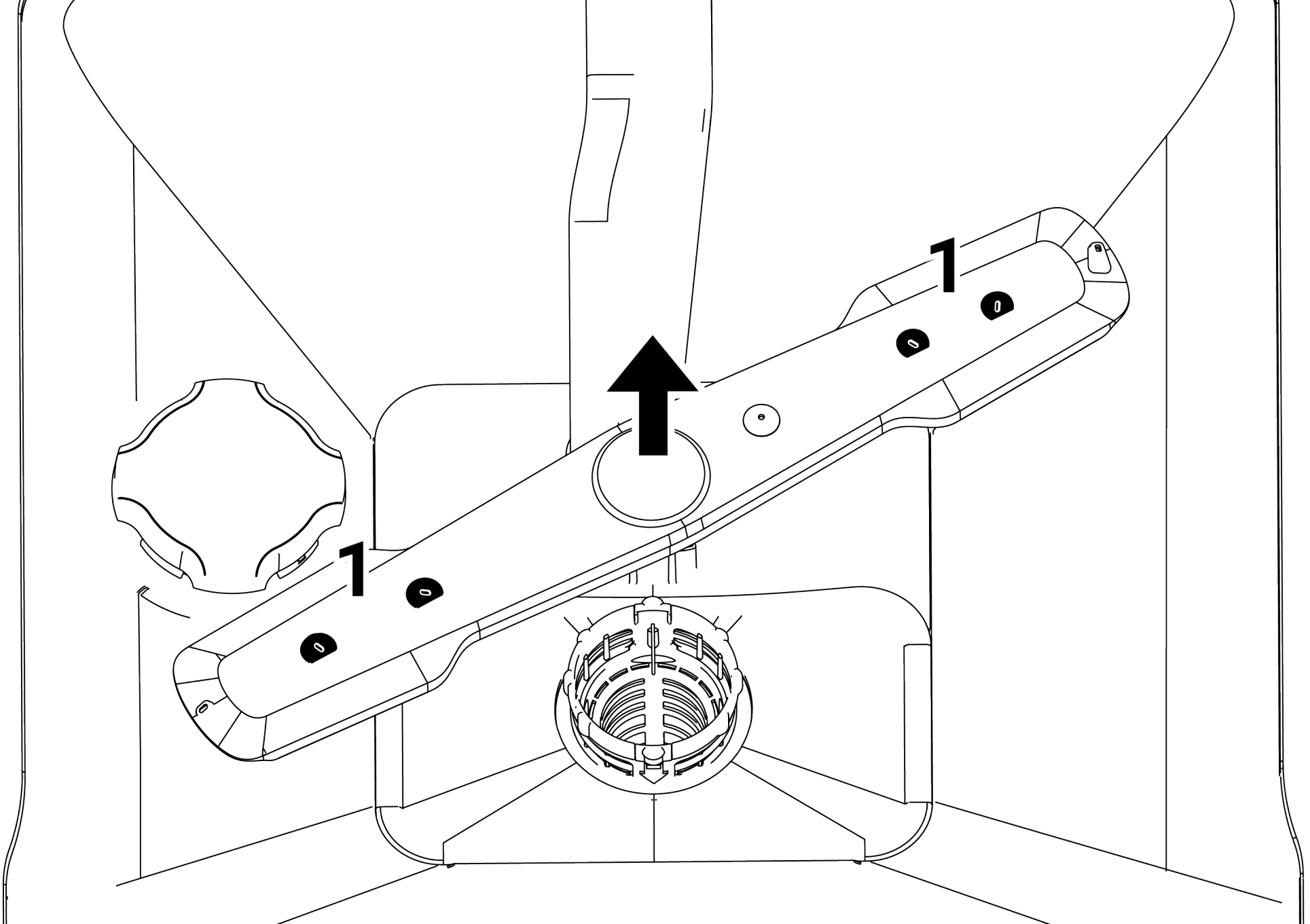


# Cleaning the propellers

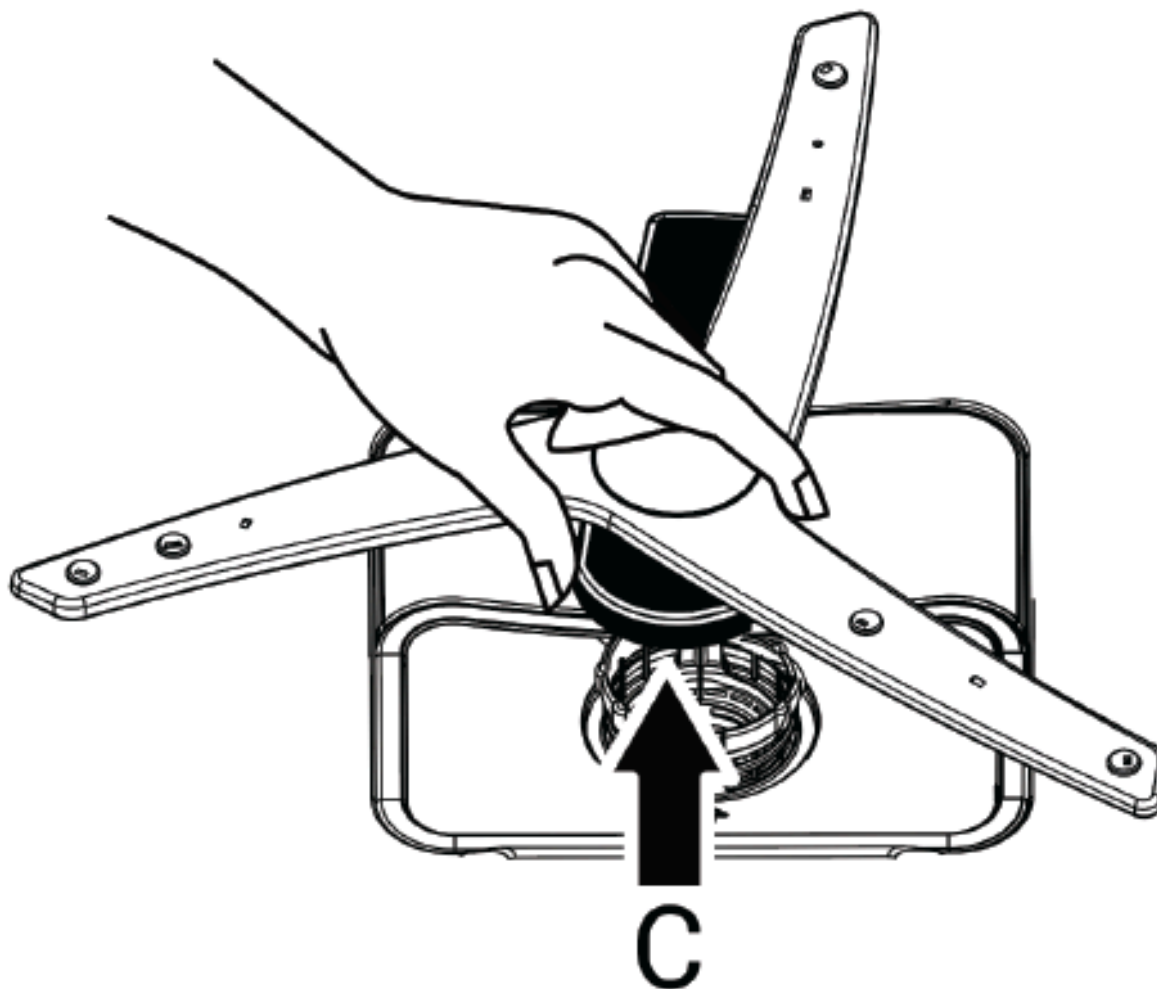
For efficient machine operation, clean the propellers at least once a week.

## lower impeller

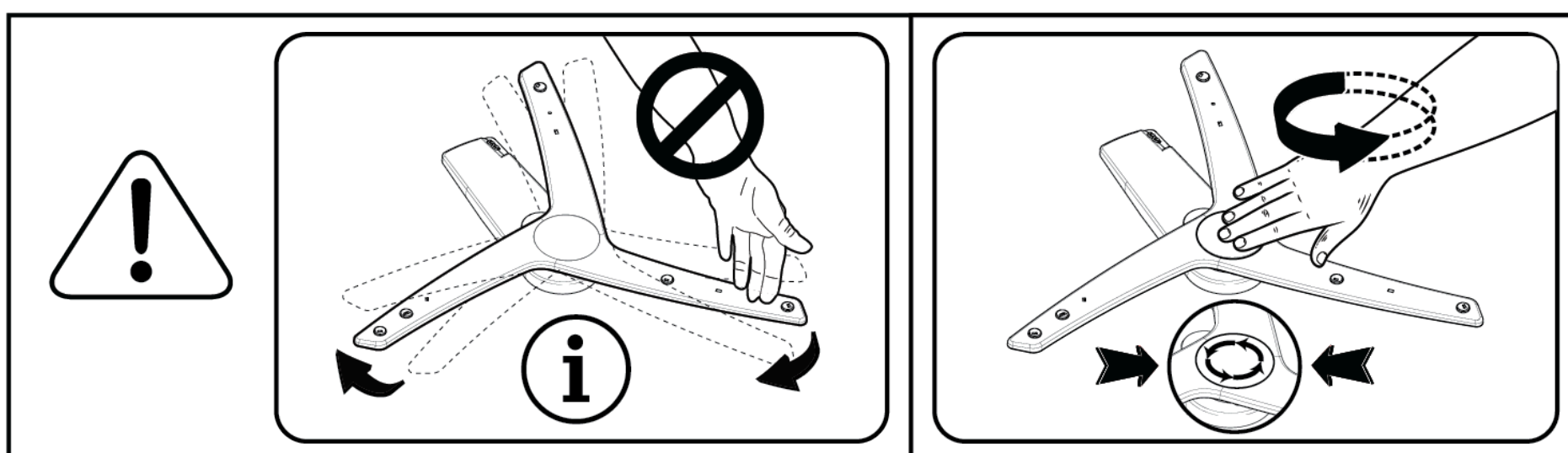
Check whether the lower impeller (1) holes are blocked. If there is a blockage, remove the impeller and clean it. You can remove the lower impeller by pulling it upwards (depending on model)



Check whether the holes of the propeller group are blocked. If there is a blockage, remove and clean the impeller assembly. (Depending on model)



To disassemble and clean the lower impeller group together, remove it by holding it with one hand at the points (C) shown in the figure and pulling it upwards. After the cleaning process, replace the propeller group by performing the same steps in reverse.



## ANNOUNCEMENT

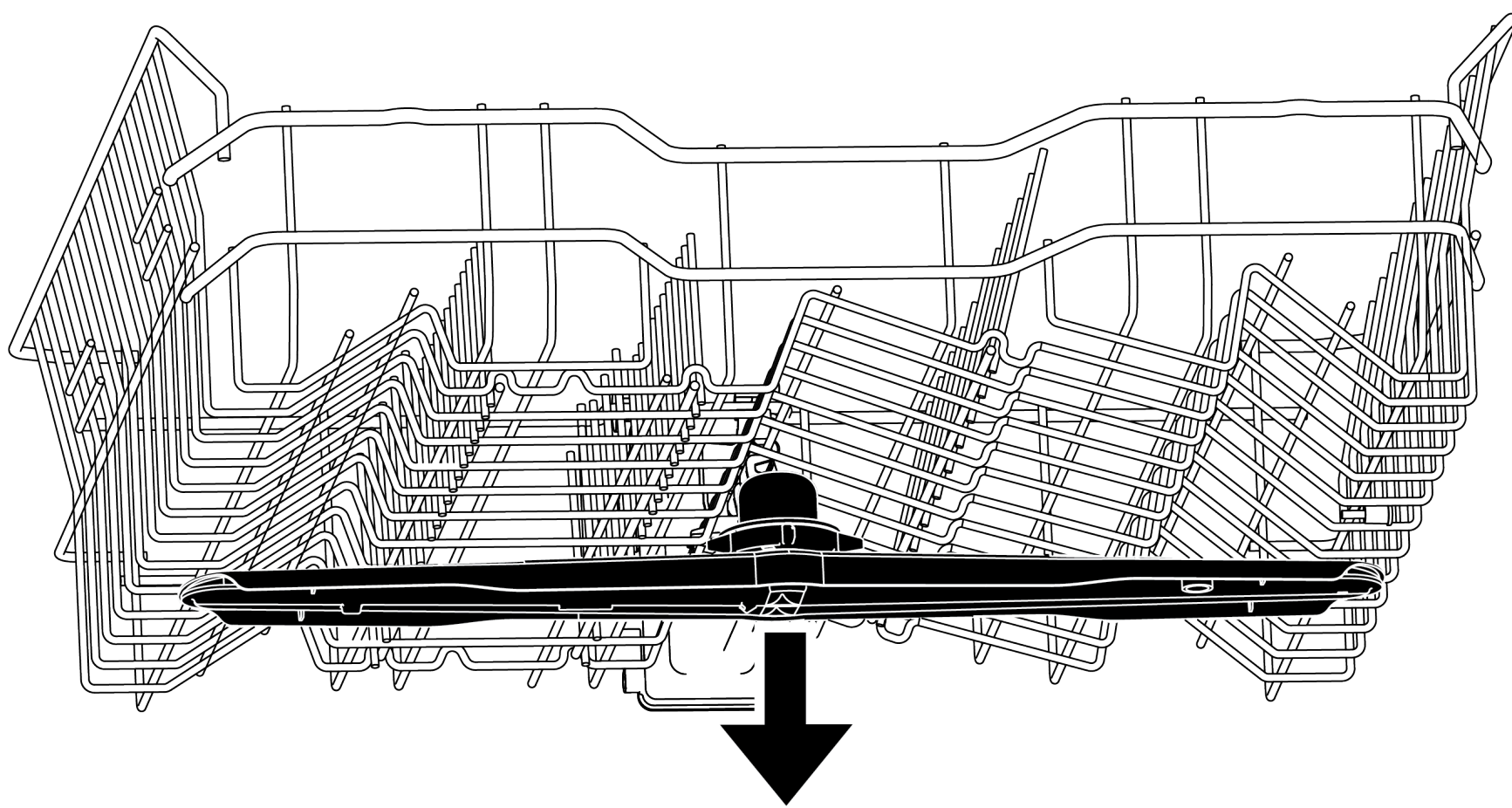
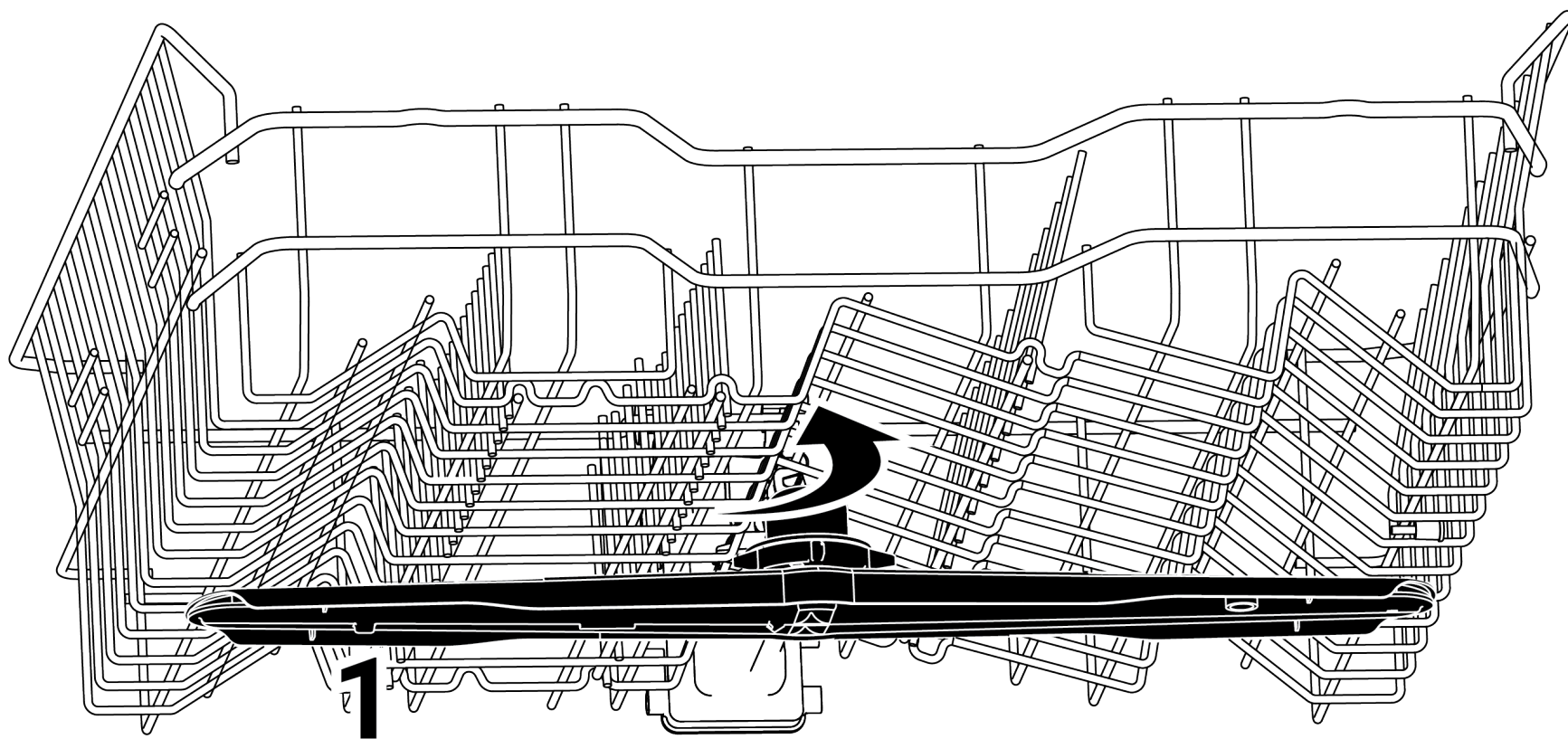


Do not try to rotate the propeller by holding its ends. Trying to rotate it from the ends may cause the gear system inside the propeller to break.

## upper impeller

Check whether the upper impeller (1) holes are blocked. If there is a blockage, remove the impeller and clean it. You can remove the upper fan by turning its nut to the left.

Be sure to tighten the nut fully when replacing the upper impeller.



# Troubleshooting

## Additional Information

[Error Codes, Causes and Solutions](#)

[Troubleshooting](#)



# Error Codes, Causes and Solutions

Error code	Reason	Solution
E01 Warning	Water filling error in the chassis	1-The error algorithm comes into play. 2-The program ends. If you see the error constantly, 1-Cut off the electricity. 2-Close the valve. 3-Contact the authorized service.
E02 Warning	water cut error	Check the network.
	Filter clogged	1-Disconnect the electricity connection. 2-Disconnect the water connection. 3-Remove the water inlet hose. 4-Check and clean the filter. 5-Make the water connection. 6-Make the electrical connection.
	Other	If the error persists, 1-Turn off your machine. 2-Contact the authorized service.
E06 Warning	The temperature sensor inside the machine is faulty	If you see this error constantly and your washing performance has decreased, 1-Turn off your machine. 2-Contact the authorized service.
E07 Warning	Water meter is faulty	1-The error algorithm comes into play. 2-The program ends. If you see the error constantly, 1-Cut off the electricity. 2-Close the valve. 3-Contact the authorized service.



# Troubleshooting

## The machine does not work.

- The power plug may not be plugged in. >>> Check if the power plug is plugged in.
- The fuse may have blown. >>> Check the fuses in your home.
- Water may not be coming. >>> Make sure the water inlet tap is open.
- The machine door may be open. >>> Make sure to close the machine door.
- The “On/Off button” may not have been pressed. >>> Make sure to turn on the machine by pressing the “On/Off button”.

## Dishes are not washed clean

- The dishes are placed irregularly. >>> Load the dishes as specified in the user manual.
- The appropriate program has not been selected. >>> Choose a program that washes at a higher temperature and for a longer time.
- The dishes are too dirty >>> Remove the coarse dirt from your dishes with a napkin and place them in your machine.
- Propellers are stuck. >>> Before starting the program, make sure that the upper and lower propellers rotate freely by turning them by hand.
- The propeller holes are clogged. >>> The lower or upper fan holes may be clogged with food debris such as lemon seeds. Clean the propellers regularly as shown in the “Cleaning and maintenance” section.
- Filters are clogged. >>> Check whether the filter system is clean. Clean the filter system regularly as shown in the “Cleaning and maintenance” section.
- Filters are not installed correctly. >>> Check the filter system and make sure it is installed correctly.
- Baskets are overloaded. >>> Do not load baskets beyond their capacity.
- Detergent has been stored in improper conditions. >>> If you use powder detergent, do not store the detergent package in damp places. If possible, keep it in a storage container with a lid. We recommend using tablet detergent for ease of storage.
- Not enough detergent has been added. >>> If you are using powder detergent, add the amount of detergent appropriate to the dirtiness level of your dishes and program descriptions. For best results, we recommend using tablet detergent.
- Rinse aid is insufficient. >>> Check the rinse aid lack warning indicator and add rinse aid if necessary. If there is enough rinse aid in the machine, increase the rinse aid setting.
- The detergent compartment lid is not closed. >>> After filling the detergent, be sure to close the detergent compartment lid.

## Dishes are not dried

- The dishes are placed irregularly. >>> Place your dishes so that water does not accumulate in them during washing.
- Rinse aid is insufficient. >>> Check the rinse aid lack warning indicator and add rinse aid if necessary. If there is enough rinse aid in the machine, increase the rinse aid setting.
- The machine was emptied immediately after the wash was finished. >>> Do not empty your machine immediately after washing. Open the door to allow the steam inside to escape for a while, and unload the machine when the dishes have cooled down to a handleable level. Start emptying from the lower basket. Thus, water remaining on any item in the upper basket is prevented from dripping onto the items in the lower basket.
- Uygun program seçilmemiştir. >>> Kısa süreli programlarda durulama sıcaklığı düşük olduğu için kurutma performansları da düşüktür. Daha yüksek bir kurutma performansı için daha uzun süreli programlar seçin.
- Tablet deterjan kullanılmış, tablet tuşuna basılmamıştır >>> Çok amaçlı deterjan kullanımında makinenizde “tablet deterjan” fonksiyonu varsa aktif hale getirin.
- Mutfak eşyalarının yüzey kalitesi bozuktur. >>> Yüzeyleri bozulmuş mutfak eşyalarında beklenen yıkama performansı elde edilemez ve hijyenik açıdan kullanımları doğru değildir. Ayrıca bozuk yüzeylerden suyun akması zordur. Bu tür mutfak eşyalarının bulaşık makinesinde yıkanması tavsiye edilmez.
- Teflon mutfak eşyalarında kurutma şikayeti oluşması doğaldır. Bu durum teflonun yapısıyla ilgilidir. Teflon ve suyun yüzey gerilimleri farklı olduğu için su tanecikleri teflon yüzey üzerinde boncuk gibi kalır.

## Bulaşıklarda çay, kahve veya ruj lekesi kalıyor.

- Uygun program seçilmemiştir. >>> Daha yüksek sıcaklıkta ve daha uzun süre yıkama yapan bir program seçin.
- Mutfak eşyalarının yüzey kalitesi bozuktur. >>> Çay, kahve izi ve diğer boyalı lekeler bozulmuş yüzeylere işlediğinde bulaşık makinelerinde yıkanamamaktadır. Yüzeyleri bozulmuş mutfak eşyalarında beklenen yıkama performansı elde edilemez ve hijyenik açıdan kullanımları doğru değildir. Bu tür mutfak eşyalarının bulaşık makinesinde yıkanması tavsiye edilmez.
- Deterjan, uygun olmayan koşullarda saklanmıştır. >>> Toz deterjan kullanıyorsanız, deterjan paketini nemli yerlerde saklamayın. Mümkünse ağız kapaklı bir saklama kabında muhafaza edin. Saklama kolaylığı açısından tablet deterjan kullanmanızı öneririz.

## Bulaşıklarda kireç izi kalıyor ve cam eşyalar puslu bir görünüm alıyor

- Parlatıcı yetersizdir. >>> Parlatıcı eksikliği uyarı göstergesini kontrol ederek gerekirse parlatıcı ilave edin. Makinede yeterince parlatıcı varsa parlatıcı ayarını yükseltin.
- Su sertlik ayarı düşüktür veya tuz seviyesi yetersizdir. >>> Şebeke suyunun sertliğini doğru şekilde ölçerek su sertlik ayarını kontrol edin.
- Tuz kaçağı vardır. >>> Tuz doldururken dolum ağzının etrafına dökmemeye özen gösterin. Tuz doldurduktan sonra tuz haznesi kapağının kapandığından emin olun. Ön yıkama programını çalıştırarak makine içine dökülen tuzları temizleyin. Kapak altında kalan tuz taneleri ön yıkama adımında çözüneceği ve bu nedenle kapak gevşeyebileceği için, program sonunda kapağı bir kez daha kontrol edin.

## Makinenin içinde farklı bir koku var

- Yeni bir makinenin kendisine özgü bir kokusu vardır. Bu koku birkaç yıkama sonunda kaybolacaktır.
- Filtreler tıkanmıştır. >>> Filtre sisteminin temiz olup olmadığını kontrol edin. Filtre sistemini "Temizlik ve bakım" bölümünde gösterildiği şekilde düzenli aralıklarla temizleyin.
- Parlatıcı haznesine koku yapabilecek kimyasallar konulmuştur. >>> Sirke, elde yıkama deterjanı, kireç çözücü gibi kimyasallar kullanmayın.
- Kirli bulaşıklar bulaşık makinesinde 2-3 gün bekletilmiştir. >>> Bulaşıkları makineye koyduktan sonra makineyi hemen çalıştırmayacaksanız, bulaşıkların üzerindeki kirleri alın ve iki günde bir deterjansız Ön Yıkama programını çalıştırın. Bu tür durumlarda makine içinde koku oluşmasını önlemek için makinenin kapağını tam kapatmayın. Ayrıca piyasada bulunan koku giderici ve makine temizleyici ürünleri de kullanabilirsiniz.

## Bulaşıklarda pas lekesi, kararma, yüzey bozulması

- Tuz kaçağı vardır. >>> Tuz, metal yüzeylerde bozulmaya ve paslanmaya neden olabilir. Tuz doldururken dolum ağzının etrafına dökmemeye özen gösterin. Tuz doldurduktan sonra tuz haznesi kapağının kapandığından emin olun. Ön yıkama programını çalıştırarak makine içine dökülen tuzları temizleyin. Kapak altında kalan tuz taneleri ön yıkama adımında çözüneceği ve bu nedenle kapak gevşeyebileceği için, program sonunda kapağı bir kez daha kontrol edin.
- Tuzlu yiyecek artıkları bulaşıklar üzerinde uzun süre kalmıştır. >>> Bu tür yiyeceklerle kirlenmiş çatal kaşıklar makinede bekletilecekse, ön yıkama yapılarak kirler parça yüzeyinden uzaklaştırılmalı veya bulaşıklar bekletilmeden yıkanmalıdır.
- Elektrik tesisatında topraklama hattı yoktur. >>> Makinenizin gerçek toprak hattına bağlı olup olmadığını kontrol edin. Aksi takdirde makine içinde oluşan statik elektrik metal eşyaların yüzeyinde ark yapıp çukurcuklar oluşturarak yüzeydeki koruyucu tabakayı ortadan kaldırır ve kararmaya neden olur.
- Çamaşır suyu gibi yoğun temizleyici maddeler kullanılmıştır. >>> Metal yüzeylerdeki koruyucu tabaka, çamaşır suyu gibi temizleyicilerle temas ettiğinde zarar görür ve zaman içinde etkisini yitirir. Bulaşıklarınızı çamaşır suyuyla yıkamayın. Çamaşır suyu kullanarak yıkama yapmak istiyorsanız bulaşık makinenizin çamaşır suyu ile yıkama sağlayan özel aparatı ve fonksiyonu olmalıdır. Bu aparat ve fonksiyon ile uygun miktarda çamaşır suyu doğru adımda yıkama ortamına alınır, hijyenik etkisinden faydalanılır ve en iyi şekilde durulanır.
- Özellikle bıçak gibi metal eşyalar kullanım amacı dışında kullanılmıştır. >>> Bıçakların konserve açma gibi amaçlarda kullanılması durumunda uçlarındaki koruyucu tabaka zarar görür. Metal mutfak eşyalarını, kullanım amacı dışında kullanmayın.
- Çatal bıçaklar düşük kaliteli paslanmaz çelikten üretilmiştir. >>> Bu tür parçaların paslanması kaçınılmazdır, bulaşık makinelerinde yıkanmamalıdır.

- Daha önceden paslanmış mutfak eşyaları bulaşık makinesinde yıkanmıştır. >>> Yıkama esnasında paslı bir eşyadaki pas, diğer paslanmaz çelik yüzeylere göç edip o yüzeylerde de pas oluşmasına neden olabilir. Bu tür parçalar bulaşık makinelerinde yıkanmamalıdır.

## Deterjan kutusunda deterjan kalıntısı var.

- Deterjan, yıkama işleminden uzun bir süre önce koyulmuştur. >>> Deterjanı, yıkamayı başlatmadan hemen önce koymaya özen gösterin.
- Yıkama sırasında deterjan bölmesi kapağının açılması engellenmiştir. >>> Bulaşıkları, deterjan bölmesi kapağının açılmasını ve bölmenin içine pervanelerden su gitmesini engellemeyecek şekilde yerleştirin.
- Deterjan, uygun olmayan koşullarda saklanmıştır. >>> Toz deterjan kullanıyorsanız, deterjan paketini nemli yerlerde saklamayın. Mümkünse ağzı kapaklı bir saklama kabında muhafaza edin. Saklama kolaylığı açısından tablet deterjan kullanmanızı öneririz.
- Pervane delikleri tıkanmıştır. >>> Alt veya üst pervane delikleri limon çekirdeği gibi yemek kalıntıları ile tıkanmış olabilir. Pervaneleri "Temizlik ve bakım" bölümünde gösterildiği gibi düzenli aralıklarla temizleyin.

## Mutfak eşyalarının üzerindeki desenler ve süslemeler siliniyor.

- Desenli bardaklar ve sır üstü desenli porselenler bulaşık makinesinde yıkanmaya uygun değildir. Cam ve porselen sofrta takımı üreticileri, bu tür mutfak eşyalarının bulaşık makinesinde yıkanmasını tavsiye etmemektedir.

## Bulaşıklar çiziliyor.

- Alüminyumdan üretilen veya alüminyum içeren mutfak gereçleri ve aksesuarları bulaşık makinesinde yıkanmamalıdır.
- Tuz kaçağı vardır. >>> Tuz doldururken dolum ağzının etrafına dökmemeye özen gösterin. Etrafa saçılan tuzlar çizilmeye sebep olabilir. Tuz doldurduktan sonra tuz haznesi kapağının kapandığından emin olun. Ön yıkama programını çalıştırarak makine içine dökülen tuzları temizleyin. Kapak altında kalan tuz taneleri ön yıkama adımında çözüneceği ve bu nedenle kapak gevşeyebileceği için, program sonunda kapağı bir kez daha kontrol edin.
- Su sertlik ayarı düşüktür veya tuz seviyesi yetersizdir. >>> Şebeke suyunun sertliğini doğru şekilde ölçerek su sertlik ayarını kontrol edin.
- Bulaşıkların uygun yerleştirilmemesi. >>> Bardakları ve diğer cam mutfak eşyalarını sepetlere yerleştirirken diğer bulaşıklara değil sepetin kenarına, raflarına veya bardak destek teline dayayın. Yıkama esnasında suyun çarpma etkisiyle iki bardağın veya yıkanan başka bulaşıkların birbirine bulaşığa çarpması yüzeylerde çizilmeye / kırılmaya sebep olabilir.
- Cam bardaklarda, elle silindiğinde çıkmayan puslu, süt bulaşığı görünümünde bir leke kalıyor. Işığa tutulduğunda mavimsi / gökkuşağı renkli bir görünüm ortaya çıkıyor.
- Fazla parlaticı kullanılmıştır. >>> Parlaticı ayarını düşürün. Parlaticı doldururken etrafa taşan parlaticıyı mutlaka temizleyin.
- Yumuşak su nedeniyle camda korozyon meydana gelmiştir. >>> Şebeke suyunun sertliğini doğru şekilde ölçerek su sertlik ayarını kontrol edin. Şebeke suyunuz yumuşaksa (<5 dH) tuz kullanmayın. Daha yüksek sıcaklıkta yıkama yapan programlar kullanın (60-65 derece gibi). Ayrıca piyasada bulunan cam koruyuculu deterjanları da kullanabilirsiniz.

## Makinede köpük oluşuyor.

- Before placing the dishes in the machine, they were hand washed with dishwashing detergent and then placed in the machine without rinsing. >>> There is no foam control in hand washing dishwashing detergents. You do not need to hand wash the dishes with detergent before putting them in the machine. Simply rinse the coarse dirt on the dish surface with water or scrape it with a paper napkin or a fork.
- While refilling rinse aid, rinse aid was spilled into the machine. >>> Be careful not to spill rinse aid into the machine while filling it. Clean up any spilled rinse aid with a paper napkin / towel.
- The rinse aid compartment lid was left open. >>> Be sure to close the rinse aid compartment lid after filling with rinse aid.

## Kitchen utensils are breaking.

- The dishes are placed irregularly. >>> Load the dishes as specified in the user manual.

- Baskets are overloaded. >>> Do not load baskets beyond their capacity.
- Water remains in the dishwasher after the program ends.
- Filters are clogged. >>> Check whether the filter system is clean. Clean the filter system regularly as shown in the "Cleaning and maintenance" section.
- Drain hose is clogged/blocked. >>> Check the drain hose. If necessary, remove and clear the blockage and reinstall as specified in the installation instructions.