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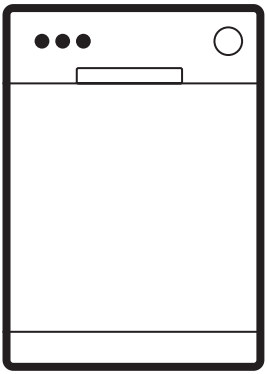
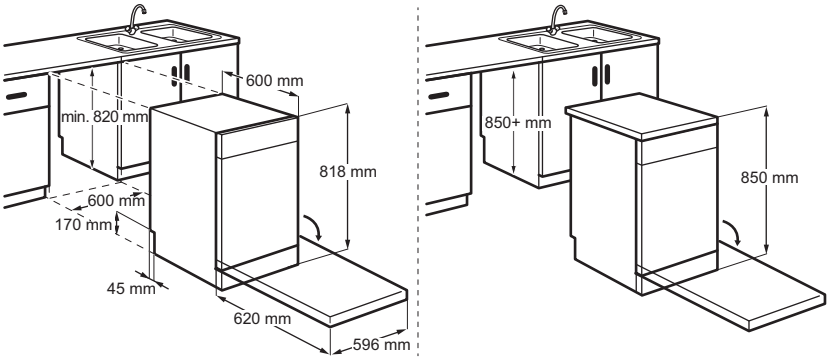


E52SD200SX

INSTALLATION



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1. ⚠ SAFETY INFORMATION

Before the installation and use of the appliance read the supplied instructions carefully. The manufacturer is not responsible for any injuries or damage that result from incorrect installation or usage. Always keep the instructions in a safe and accessible location for future reference.

1.1 Children and vulnerable people safety

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the use of the appliance in a safe way and understand

the hazards involved. Children of less than 8 years of age and persons with very extensive and complex disabilities shall be kept away from the appliance unless continuously supervised.
- Children should be supervised to ensure that they do not play with the appliance.
- Keep detergents away from children.
- Keep children and pets away from the appliance when the door is open.
- Children shall not carry out cleaning and user maintenance of the appliance without supervision.

1.2 General Safety

- This appliance is for cleaning household-type dishes and tableware only.
- This appliance is designed for single household domestic use in an indoor environment.
- This appliance may be used in offices, hotel guest rooms, bed & breakfast guest rooms, farm guest houses and other similar accommodation where such use does not exceed (average) domestic usage levels.
- Do not change the specification of this appliance.
- The operating water pressure (minimum and maximum) must be between 0.05 (0.5) / 1 (10) MPa (bar).
- Follow the maximum number of 14 place settings.
- The appliance door should not be left in an open position to avoid the tripping hazard.
- If the supply cord is damaged, it must be replaced by the manufacturer, its Authorised Service Centre or similarly qualified persons in order to avoid a hazard.
- WARNING: Knives and other utensils with sharp points must be loaded in the basket with their points down or placed in a horizontal position.
- Before any maintenance operation, deactivate the appliance and disconnect the mains plug from the socket.
- Do not use high pressure water sprays and/or steam to clean the appliance.
- If the appliance has ventilation openings in the base, they must not be covered e.g. by a carpet.

- The appliance is to be connected to the water mains using the new supplied hose-sets. Old hose sets must not be reused.

2. SAFETY INSTRUCTIONS

2.1 Installation

⚠ **WARNING!**
Only a qualified person must install this appliance.

- Remove all the packaging.
- Do not install or use a damaged appliance.
- Follow the supplied installation instructions.
- Be careful when moving the appliance, as it is heavy. Use safety gloves and enclosed footwear.
- Do not install or use the appliance in temperatures below 0°C.
- Install the appliance in a safe and suitable place that meets installation requirements.

2.2 Electrical connection

⚠ **WARNING!**
Risk of fire and electric shock.

- WARNING: This appliance is designed to be installed / connected to a grounding connection in the building.
- Ensure the rating plate parameters are compatible with the mains power supply.
- Always use a correctly installed shockproof socket.
- Do not use multi-plug adapters and extension cables.
- Prevent damage to the mains plug and mains cable. If a replacement is required, contact our Authorized Service Centre.
- Connect the mains plug to the socket only at the end of installation, and ensure access to the mains plug.
- Do not disconnect the appliance by pulling on the mains cable. Always pull on the mains plug.
- This appliance is fitted with a 13 A mains plug. If it is necessary to change the mains plug fuse, use only a 13 A ASTA (BS 1362) fuse (UK and Ireland only).

2.3 Water connection

- Do not cause damage to the water hoses.
- Before connecting to new pipes, pipes unused for a long time, after repairs or installation of new devices (e.g. water meters), let the water run until it is clear.
- Check for water leaks during and after the first use.
- If the water inlet hose is damaged, immediately close the water tap and disconnect the mains plug from the mains socket. Contact the Authorised Service Centre to replace the water inlet hose.

2.4 Use

- Keep flammable products or items wet with flammable products away from the appliance.
- Dishwasher detergents are dangerous. Follow the safety instructions on the detergent packaging.
- Do not drink or play with the water in the appliance.
- Wait until the program ends to remove dishes, as detergent may remain on dishes.
- Do not store items or apply pressure on the open door of the appliance.
- The appliance can release hot steam if you open the door while a programme operates.

2.5 Service

- To repair the appliance contact the Authorised Service Centre. Use original spare parts only.
- Self-repair or non-professional repair can be unsafe for the user and may void the guarantee.
- The following spare parts are available for at least 7 years after the model has been discontinued: motor, circulation and drain pump, heaters and heating elements, including heat pumps, piping and related equipment including hoses, valves, filters and aquastops, structural and interior parts related to door assemblies, printed circuit boards, electronic displays, pressure switches, thermostats and sensors, software and firmware including reset software. The following spare parts are available for at least 10 years after the

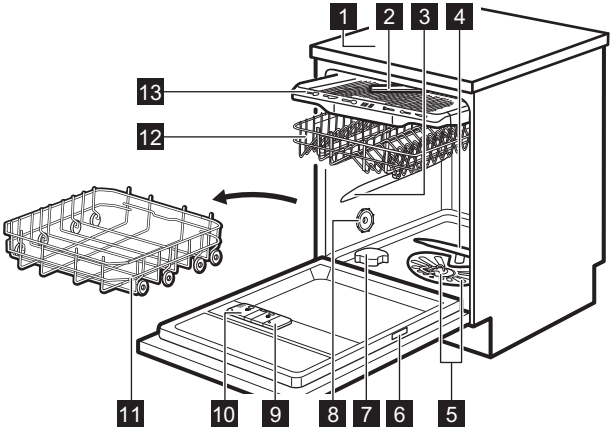
model has been discontinued: door hinge and seals, other seals, spray arms, drain filters, interior racks and plastic peripherals such as baskets and lids. The duration may be longer in your country. For further information, please visit our website.
- Some spare parts are only available for professional repairers and may not be relevant for the model.
- Concerning the lamp(s) inside this product and spare part lamps sold separately: These lamps are intended to withstand extreme physical conditions in household appliances, such as temperature, vibration, humidity, or are intended to signal information about the operational status of the appliance. They are not intended to be used in other applications and are not suitable for household room illumination.

2.6 Disposal

⚠ WARNING!
Risk of injury or suffocation.

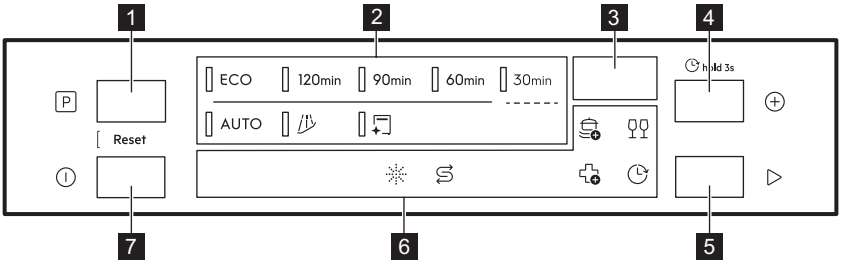
- Disconnect the appliance from the mains supply.
- Cut off the mains cable and discard it.
- Remove the door catch to prevent children and pets to get closed in the appliance.

3. PRODUCT DESCRIPTION



1 Worktop
2 Ceiling spray arm
3 Upper spray arm
4 Lower spray arm
5 Filters
6 Rating plate
7 Salt container
8 Air vent
9 Rinse aid dispenser
10 Detergent dispenser
11 Lower basket
12 Upper basket
13 Cutlery drawer

4. CONTROL PANEL



1 Programme selection button
2 Programme indicators
3 Display
4 Programme options button / Delay start button
5 Start button
6 Indicators
7 On/off button

4.1 Indicators

Salt indicator is on when the salt container needs refilling. Refer to "Before first use" chapter.

Rinse aid indicator is on when the rinse aid dispenser needs refilling. Refer to "Before first use" chapter.

Delay indicator is on when you set the delayed start. Refer to "Daily use" chapter.

Programme options indicators. When you activate an option, the related indicator is on. Refer to "Programmes and options" chapter.

5. PROGRAMMES AND OPTIONS

5.1 Programmes overview

ECO

This programme offers the most efficient use of water and energy consumption for crockery, cutlery, pots, and pans with normal soil. Phases: prewash, dishwashing at 50°C, intermediate rinse, final rinse at 55°C, drying, AirDry. This is the standard programme for test institutes. This programme is used to assess compliance with the Ecodesign Commission Regulation (EU) 2019/2022.

120min

For crockery, cutlery, pots, and pans with normal, dried-on soil. Phases: dishwashing at 65°C, intermediate rinse, final rinse at 50°C, drying, AirDry.

90min

For crockery, cutlery, pots, and pans with normal, lightly dried-on soil. Phases: dishwashing at 65°C, intermediate rinse, final rinse at 55°C, drying, AirDry.

60min

For crockery and cutlery with fresh, lightly dried-on soil. Phases: dishwashing at 65°C, intermediate rinse, final rinse at 60°C, drying, AirDry.

30min

For crockery and cutlery with fresh soil. Phases: dishwashing at 60°C, rinse at 50°C, AirDry. The programme does not include the drying phase or the release of rinse aid. Leave the items in the dishwasher with the door open to allow air drying.

AUTO

For crockery, cutlery, pots, and pans with all degrees of soil. Phases: prewash, dishwashing at 60°C, intermediate rinse, final rinse at 60°C, drying, AirDry, This smart cycle senses the load size and soil level. It automatically adjusts the dishwashing temperature, duration, and water quantity for optimal cleaning and drying results.

5.2 Special programmes

Rinse&Hold

The programme refreshes dishes that will be washed later. Do not use detergent with this programme.

MachineClean

The programme cleans the appliance interior at 65°C, effectively removing limescale and grease buildup to maintain long-lasting performance. Use a descaler or a cleaning product designed specifically for dishwashers. Follow the instructions on the packaging. Do not put dishes in the baskets. Clean the filters and spray arms before starting the programme.

5.3 Programme options

PowerBoost

The option boosts cleaning effectiveness by extending the programme duration, resulting in a higher average dishwashing temperature. The option is intended for very tough soil. Applicable to 120min, 90min, 60min, 30min programmes.

GlassCare

The option protects delicate items, especially glassware, by preventing rapid temperature changes. The option limits the dishwashing temperature to 45 °C to ensure gentle yet effective cleaning. Applicable to 120min, 90min, 60min, 30min programmes.

ExtraHygiene

The option provides better hygiene results by maintaining the temperature above 65 °C for at least 10 minutes during the last rinsing phase. This removes more than 99,9999% of bacteria and viruses. Tested for Micrococcus luteus and MS2 bacteriophage by Swissatest Testmaterialien AG (test report no. 20212029). Applicable to 120min, 90min, 60min, 30min programmes.

5.4 Consumption values

A - programme, **B** - water (l), **C** - energy (kWh), **D** - duration (min).

A	B	C	D
ECO	10.5	0.848	240
120min	11.5	0.900	120
90min	11.5	0.975	90
60min	11.5	1.025	60
30min	9.0	0.600	30
AUTO	11.5	1.125	170
	4.5	0.025	15
	10.0	0.500	60

The pressure and the temperature of the water, the variations of the mains supply, the options, the quantity of dishes and the degree of soil can change the values.

The values for programmes other than ECO are indicative only.

5.5 Information for comparative tests

To receive the necessary information for conducting performance tests (e.g. according to: EN60436), send an email to:

info.test@dishwasher-production.com

In your request, include the product number code (PNC) from the rating plate.

For any other questions regarding your dishwasher, refer to the service book provided with your appliance.

6. SETTINGS

6.1 Settings overview

Names in brackets correspond to how the dishwasher displays the settings in setting mode.

Water hardness (HAr)

Set the water softener level (1–10) based on the water hardness. Default: 5.[1)]

Rinse aid level empty notification (rA)

Activate or deactivate the rinse aid indicator. Default: On[1)]

Auto door open (Ado)

Select On to activate or Off to deactivate Air-Dry function. Default: On.[1)]

Cycle counter (uC)

Check the number of completed dishwashing cycles. The counter stops at 65535.

PNC number (Pnc)

Check the PNC number of your appliance. Provide the number when you contact an Authorised Service Centre.

Reset settings (rS)

Select Yes to reset the appliance to factory settings. The setting does not reset the hour usage. Select No to exit.

6.2 Setting mode

How to enter user mode

You can enter setting mode before starting a programme. You cannot enter setting mode while the programme is running.

Press and hold simultaneously ⏻ and ▷ for about 3 seconds.

The display shows the first setting: HAr.

How to change a setting

Make sure the appliance is in setting mode.

1. Press P or ⏻ to switch between the settings.

The display shows the setting name.

2. Press ▷ to enter the setting.

The current setting value flashes.

3. Press P or ⏻ to change the value.
4. Press ▷ to confirm the setting.

The appliance returns to the settings list.

5. Press and hold simultaneously ⏻ and ▷ for about 3 seconds to exit setting mode.

The appliance returns to the programme selection.

The saved settings remain valid until you change them again.

ⓘ The appliance exits setting mode if no button is pressed for 10 seconds.

6.3 Water softener

The water softener removes minerals from the water supply, which would have a negative effect on the washing results and on the appliance.

The higher the content of these minerals, the harder your water is. Water hardness is measured in equivalent scales.

The water softener level should be adjusted according to the water hardness of your water supply. The adjustment is necessary regardless of the detergent type used to ensure good dishwashing results and to keep the salt indicator active. Your local water authority can advise you on the water hardness in your area. The default factory setting is level 5.

ⓘ Multi-tabs with a softening agent have limited effectiveness in softening water. Refer to the product packaging.

Water hardness

°dH	°fH	mmol/l	mg/l (ppm)	°Clark	L[1)]
47 -50	84 -90	8.4 -9.0	835 -904	58 -63	10
43 -46	76 -83	7.6 -8.3	755 -834	53 -57	9
37 -42	65 -75	6.5 -7.5	645 -754	46 -52	8
29 -36	51 -64	5.1 -6.4	505 -644	36 -45	7

[1)] See further details later in this chapter.

°dH	°fH	mmol/l	mg/l (ppm)	°Clark	L[1)]
23 -28	40 -50	4.0 -5.0	395 -504	28 -35	6
19 -22	33 -39	3.3 -3.9	325 -394	23 -27	5
15 -18	26 -32	2.6 -3.2	255 -324	18 -22	4
11 -14	19 -25	1.9 -2.5	185 -254	13 -17	3
4 -10	7 -18	0.7 -1.8	70 -184	5 -12	2
<4	<7	<0.7	<70	< 5	1

[1)] Water softener level

The water softener undergoes an automatic regeneration process. [2)]

6.4 The rinse aid empty notification

The rinse aid helps to dry the dishes without streaks and stains. It is automatically released during the final rinse.

When the rinse aid chamber is empty, the rinse aid indicator turns on. If the drying results are satisfactory while using multi-tablets only, you can deactivate the notification for refilling the rinse aid. However, for best drying performance, always use rinse aid.

If standard detergent or multi-tablets without rinse aid are used, activate the notification to keep the rinse aid refill indicator active.

6.5 AirDry

AirDry improves the drying results with low energy use. The appliance door opens automatically during the drying phase and remains ajar. Deactivating the function may reduce the drying performance.

AirDry is automatically activated with all programmes except .

When the door opens, the display shows the remaining time of the running programme.

The duration of the drying phase and the door opening time vary depending on the selected programme and option.

⚠ CAUTION!

Do not try to close the appliance door within 2 minutes after automatic opening. This can cause damage to the appliance.

7. BEFORE FIRST USE

1. Press and hold the on/off button until the appliance activates.
2. Adjust the water softener level to the water hardness.
3. Fill the salt container.
4. Fill the rinse aid dispenser.
5. Fill the detergent dispenser.
6. Open the water tap.
7. Start 30min programme to remove any residues from the manufacturing process. Do not put dishes in the baskets.

After starting the programme, the appliance recharges the resin in the water softener for up to 5 minutes. The washing phase starts only after this procedure is completed. The procedure is repeated periodically.

7.1 The salt container

⚠ CAUTION!

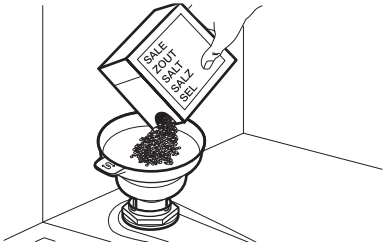
Use only regeneration salt for dishwashers. Do not use kitchen salt.

The salt is used to recharge the resin in the water softener and to assure good washing results in daily use.

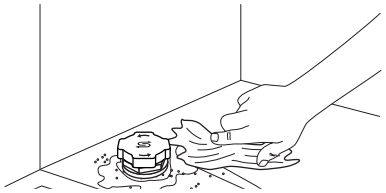
How to fill the salt container

[2)] For the correct water softener operation, the resin of the softener device needs to be regenerated regularly. This process is automatic and is part of the normal dishwasher operation. The frequency of regeneration depends on the water softener level setting. The higher the level, the more frequent the regeneration. At high levels, regeneration occurs twice in a cycle: during dishwashing and after the final rinse. At lower levels, regeneration occurs only after the final rinse. The rinsing of the softener occurs at the beginning of the successive cycle. At high levels, it additionally occurs at the end of dishwashing. The rinsing of the softener ends with a complete drain. The regeneration increases the duration of the programme by maximum 5 min, the water consumption by maximum 4 l, and the energy consumption by 2 Wh. In the currently applicable standard laboratory conditions with water hardness 2.5 mmol/l (water softener: level 3), the regeneration will occur every 62 l of used water. Water temperature, water pressure and variations of the mains supply can change the values.

1. Turn the cap of the salt container counterclockwise and remove it.
2. Pour 1 l of water in the salt container (only if filling it for the first time).
3. Using the supplied funnel, fill the salt container with 1 kg of dishwasher salt.



4. Carefully shake the funnel by its handle to get the last granules inside.
5. Remove the salt around the opening of the salt container.

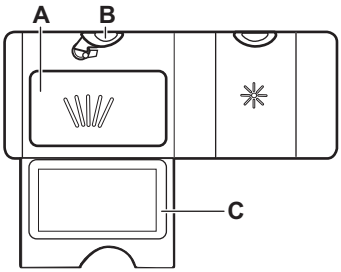


6. Turn the cap clockwise to close the salt container.

IMPORTANT

Water and salt can come out of the salt container when you fill it. To prevent corrosion, fill the salt container and then immediately start a complete dishwashing cycle with detergent.

7.2 Using the detergent

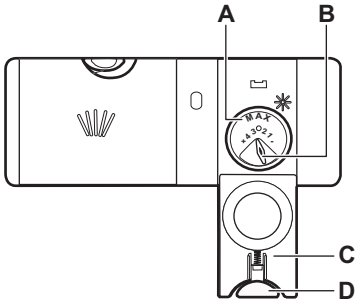


1. Press the release button (**B**) to open the lid (**C**).
2. Put the detergent in the compartment (**A**). You can use detergent in tablets, powder or gel.
3. If the programme includes a prewash phase, put up to 5 g of detergent on the inner part of the dishwasher door.
4. Close the lid. Make sure that the release button locks into position.

ⓘ Do not fill the compartment (**A**) with more than 30 ml of gel detergent.

For information about the detergent dosage, refer to the manufacturer's instructions on the packaging of the product. Usually, 20 - 25 ml of gel detergent or up to 18 g of powder detergent is adequate for washing a load with normal soil.

7.3 How to fill the rinse aid dispenser



⚠ CAUTION!

The compartment (**A**) is for rinse aid only. Do not fill it with detergent.

⚠ CAUTION!

Only use rinse aid designed specifically for dishwashers.

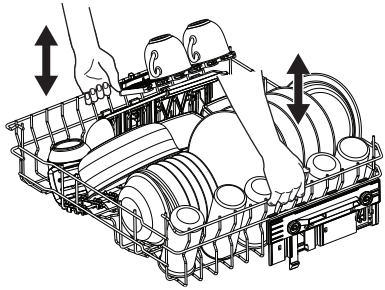
1. Press the release button (**D**) to open the lid (**C**).
2. Pour the rinse aid in the dispenser (**A**) until the liquid reaches the fill level 'max'.
3. Remove the spilled rinse aid with an absorbent cloth to prevent excessive foam formation.
4. Close the lid. Make sure that the release button locks into position.

ⓘ You can turn the selector of the released quantity (**B**) between position 1 (lowest quantity) and position 4 or 6 (highest quantity).

8. LOADING THE DISHWASHER

- For best cleaning results, arrange items in the baskets as instructed in the user manual.
- Load the dishwasher to its full capacity to save water and energy.
- Do not overload the baskets to ensure the dishwasher operates efficiently.
- Make sure that items in the baskets do not touch or cover each other. Only then can the water completely reach and wash the dishes.
- Use the appliance to wash dishwasher-safe items only.
- Do not wash the following materials in the dishwasher: wood, horn, pewter, copper, aluminium, delicate ornamented porcelain, unprotected carbon steel or silver. This can cause them to crack, warp, discolour, pit, rust, tarnish or corrode.
- Do not wash in the appliance items that can absorb water (sponges, household cloths).
- Put hollow items (cups, glasses and pans) with the opening facing downwards to allows water to drain out.
- Make sure that glass items do not touch each other.
- Put light items in the upper basket. Make sure that the items do not move freely.
- Put cutlery and small items in the cutlery drawer.
- Make sure that the spray arms can move freely before you start a programme.
- Adjust the height of the upper basket to fit large dishes.

8.1 How to adjust the height of the upper basket



IMPORTANT

Do not lift or lower the basket on one side only.

How to lift the upper basket

1. Pull out the basket until it stops.
2. Lift the basket on both sides until the mechanism locks into place and the basket is stable.

How to lower the upper basket

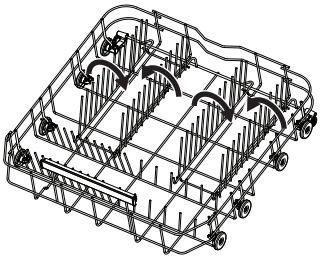
1. Pull out the basket until it stops.
2. Slightly lift the basket on both sides, then push it down and allow to drop down.

8.2 Dishwasher basket features

Included accessories may vary depending on your dishwasher model.

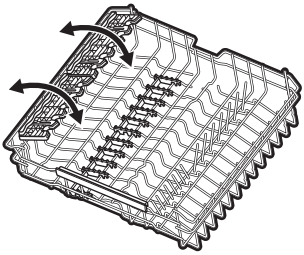
Lower basket

The number of foldable tines may vary depending on your dishwasher model.

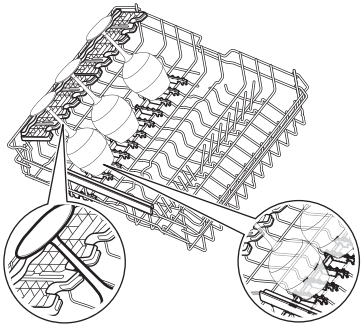


Upper basket

The shelves for holding cups can be folded down to make space for tall dishes.

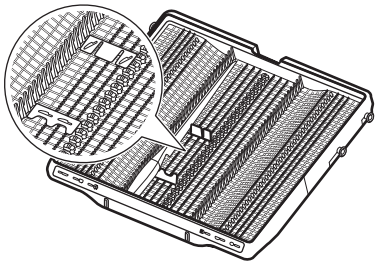


The cup shelves have grooves to hold stemware, while rubber spikes ensure stability.



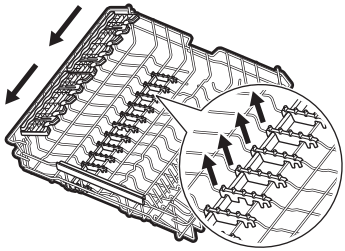
Cutlery drawer

Use the drawer for cutlery and small items. The drawer includes foldable knife holders.

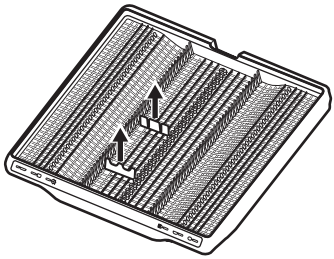


How to remove accessories

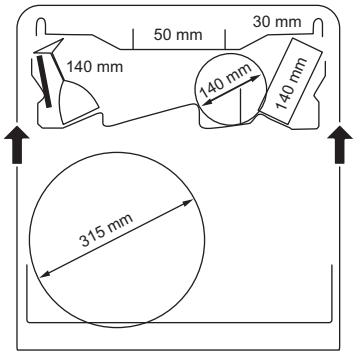
Cup shelves and rubber spikes can be temporarily removed to accommodate cumbersome items

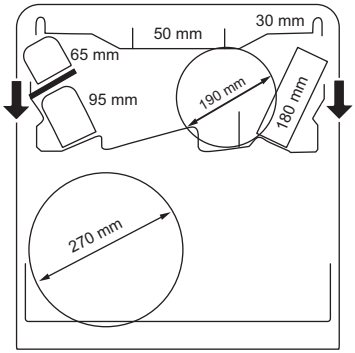


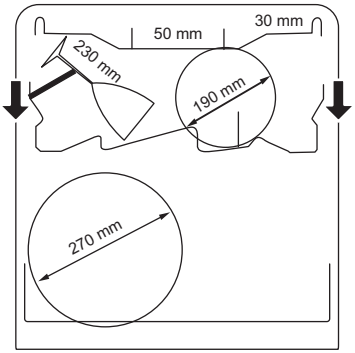
Knife holders can be temporarily removed if needed.



Maximum dish heights (mm)

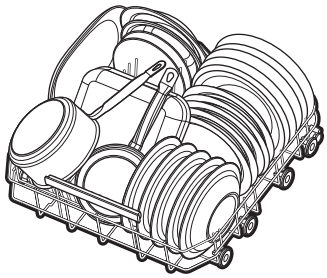


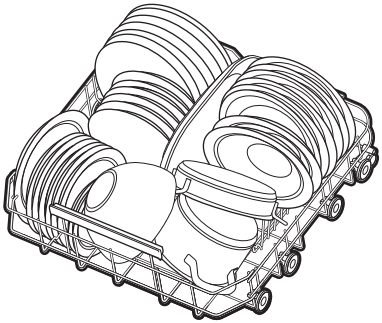




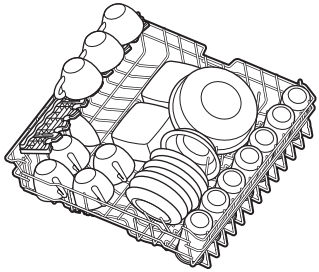
8.3 Dishwasher loading examples

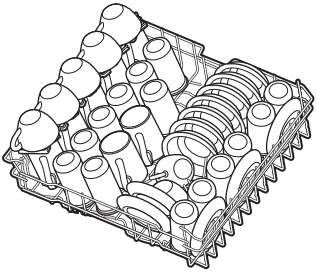
Lower basket



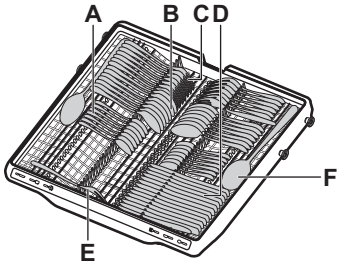


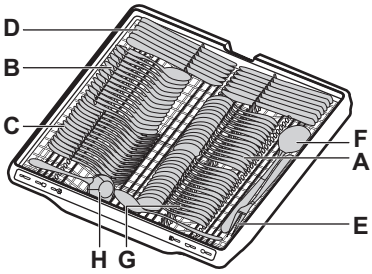
Upper basket





Cutlery drawer





A. Tea spoon
B. Soup spoon
C. Fork
D. Knife
E. Serving fork
F. Serving spoon
G. Dessert spoon
H. Gravy ladle

9. DAILY USE

1. Open the water tap.
2. Press and hold the on/off button until the appliance activates.
3. Fill the salt container if ⥲ indicator is on.
4. Fill the rinse aid dispenser if ✳ indicator is on.
5. Load the baskets.
6. Fill the detergent dispenser.
7. Select and start a programme.
8. Close the water tap when the programme is completed.

9.1 How to start a programme

1. Press and hold the on/off button until the appliance activates. Make sure that the door is closed.
2. Press [P] until the indicator of the desired programme is on.

The display shows the programme duration.

3. Select an applicable option if desired.
4. Press ▷ to start the programme.

The programme duration begins to count down.

9.2 How to activate a programme option

One option can be activated at a time. Activate the option before starting a programme. You cannot activate or deactivate the option while a programme is running.

1. Select a programme.
2. Press ⊕ until the indicator of the desired option is on.
   If the option is not applicable, the option indicators flash and a tone sounds.

ⓘ Activating an option often increases water consumption, energy consumption, and programme duration.

9.3 How to delay the start of a programme

1. Select a programme.
2. Press and hold ⊕ for 3 seconds.

3. Press repeatedly or hold ⊕ until the display shows the desired delay time (from 1 to 24 hours).
4. Press ▷ to begin the countdown.

◷ indicator is on. The remaining time counts down in hours. The final hour is displayed in minutes.

When the countdown is complete, the programme starts and ◷ indicator is off.

9.4 Opening the door while the appliance operates

Opening the door while a programme is running stops the appliance. It may affect the energy consumption and the programme duration. After closing the door, the appliance continues from the point of interruption.

ⓘ Do not try to close the appliance door within 2 minutes after AirDry automatically opens it as this may cause damage to the appliance.
If, afterwards, the door is closed for at least 3 minutes, the running programme ends.

9.5 How to cancel the delayed start of a programme

When you cancel the delay start, you have to set a programme and options again.

Press and hold simultaneously [P] and ⏻ until the appliance is in programme selection mode.

9.6 How to cancel a running programme

Press and hold simultaneously [P] and ⏻ until the appliance is in programme selection mode.

Make sure that there is detergent in the detergent dispenser before you start a new programme.

9.7 End of the programme

When the programme is completed, the dishwasher automatically deactivates.

All buttons are inactive except for the on/off button.

9.8 Automatic switch-off

This function saves energy by switching the appliance off when it is not operating.

The function comes into operation:

- When the programme is complete.
- After 5 minutes if no programme was started and no button was pressed .

10. HINTS AND TIPS

10.1 General

Follow the hints below to ensure optimal cleaning and drying results in daily use and to protect the environment.

- Washing dishes in the dishwasher as instructed in the user manual usually consumes less water and energy than washing dishes by hand.
- Load the dishwasher to its full capacity to save water and energy. For best cleaning results, arrange items in the baskets as instructed in the user manual and do not overload the baskets.
- Do not pre-rinse dishes by hand. It increases the water and energy consumption. When needed, select a programme with a prewash phase.
- Remove larger residues of food from the dishes and empty cups and glasses before putting them inside the appliance.
- Make sure that items in the baskets do not touch or cover each other. Only then can the water completely reach and wash the dishes.
- Select a programme according to the type of load and the degree of soil. ECO offers the most efficient use of water and energy consumption.
- To prevent limescale buildup inside the appliance:
  - Refill the salt container whenever necessary.
  - Use the recommended dosage of the detergent and rinse aid.
  - Make sure that the current level of the water softener agrees with the hardness of the water supply.
  - Follow the instructions in "Care and cleaning" chapter.

10.2 Using salt, rinse aid and detergent

- Only use salt, rinse aid and detergent designed for dishwasher. Other products can cause damage to the appliance.
- In areas with hard and very hard water, we recommend to use basic dishwasher detergent (powder, gel, tablets containing no additional agents), rinse aid and salt separately for optimal cleaning and drying results.
- Multi-tabs may not fully dissolve during short programmes, which can lead to detergent residues on the dishes. Refer to the product packaging. Use tablets with longer programmes.
- Always use the correct quantity of detergent. Insufficient dosage of detergent can result in poor cleaning results and hard-water filming or spotting on the items. Using too much detergent with soft or softened water results in detergent residues on the dishes. Refer to the instructions on the detergent packaging.
- Always use the correct quantity of rinse aid. Insufficient dosage of rinse aid decreases the drying results. Using too much rinse aid results in bluish layers on the items.
- Make sure that the water softener level is correct. If the level is set too high, the water becomes overly soft, which can cause glass corrosion. To adjust the water softener level, refer to chapter on Settings.

10.3 What to do if you want to stop using multi-tablets

Before you start to use separately detergent, salt and rinse aid, complete the following steps:

1. Set the highest level of the water softener.
2. Make sure that the salt and rinse aid containers are full.
3. Start the shortest programme with a rinsing phase. Do not add detergent and do put dishes in the baskets.
4. When the programme is complete, adjust the water softener according to the water hardness in your area.
5. Adjust the released quantity of rinse aid.
6. Activate the rinse aid empty notification.

10.4 Before starting a programme

Before you start the selected programme, make sure that:

- The filters are clean and correctly installed.
- The cap of the salt container is tight.
- The spray arms are not clogged.
- There is enough salt and rinse aid.
- The arrangement of the items in the baskets is correct.
- The programme is suitable to the type of load and the degree of soil.
- The correct quantity of detergent is used.

10.5 Unloading the baskets

1. Let the tableware cool down before you remove it from the appliance. Hot items can be easily damaged.
2. First remove items from the lower basket, then from the upper basket.

ⓘ After the programme is completed, water can still remain on the inside surfaces of the appliance.

11. CARE AND CLEANING

IMPORTANT
Before maintenance, deactivate the appliance and disconnect the mains plug from the main socket.

Dirty filters and clogged spray arms negatively affect the washing results.

The filters are self-cleaning and do not require cleaning after each use. Clean the filters once a week. Clean the spray arms every two months, or sooner if you notice food residues on dishes after the programme is complete. The frequency of cleaning might vary depending on how often the appliance is used.

11.1 External cleaning

- Clean the appliance with a moist soft cloth.
- Only use neutral detergents. For the control panel, use water without detergents.
- Do not use abrasive products, abrasive cleaning pads or solvents.

11.2 Internal cleaning

- Clean the appliance interior with a soft damp cloth.
- Do not use abrasive products, abrasive cleaning pads, sharp tools, strong chemicals, scourer or solvents.
- Wipe clean the door, including the rubber gasket, once a week.
- To maintain the performance of your appliance, use a cleaning product designed specifically for dishwashers at least once every two months. Carefully follow the instructions on the packaging of the product.
- For optimal cleaning results, start the programme .

11.3 Removal of foreign objects

Check the filters and the sump after each use of the dishwasher. Foreign objects (e.g. pieces of glass, plastic, bones or toothpicks, etc) decrease the cleaning performance and can cause damage to the drain pump.

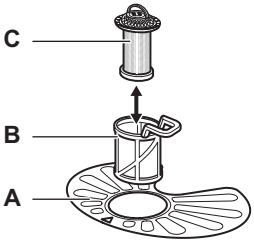
⚠ CAUTION!

If unable to remove the foreign objects, contact an Authorised Service Centre.

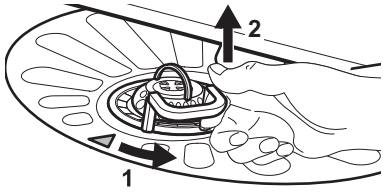
1. Disassemble the filters system as instructed in this chapter.
2. Remove any foreign objects manually.
3. Reassemble the filters as instructed in this chapter.

11.4 Cleaning the filters

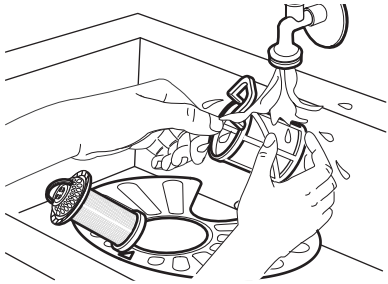
The filter system is made of 3 parts.



1. Turn the filter (**B**) counterclockwise and remove it.

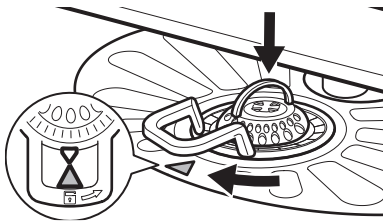


2. Remove the filter (**C**) out of filter (**B**).
3. Remove the flat filter (**A**).
4. Wash the filters.



5. Make sure that there are no residues of food or soil in or around the edge of the sump.
6. Put back in place the flat filter (**A**). Make sure that it is correctly positioned under the 2 guides.

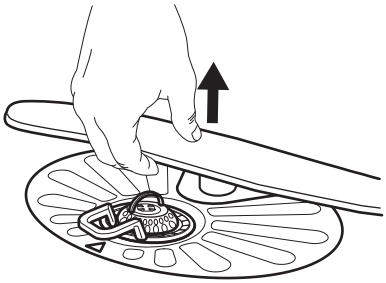
7. Reassemble the filters (**B**) and (**C**).
8. Put back the filter (**B**) in the flat filter (**A**). Turn it clockwise until it locks.



⚠ **CAUTION!**
An incorrect position of the filters can cause bad washing results and damage to the appliance.

11.5 Cleaning the lower spray arm

1. To remove the lower spray arm, pull it upwards.



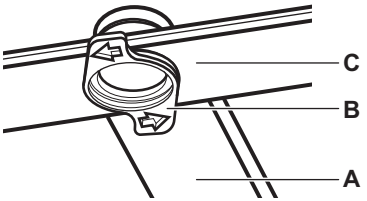
2. Wash the spray arm under running water. Use a thin pointed tool, e.g. a toothpick, to remove particles of soil from the holes. Run water through the holes to wash soil particles away from the inside.
3. To install the spray arm back, press it downwards.

11.6 Cleaning the upper spray arm

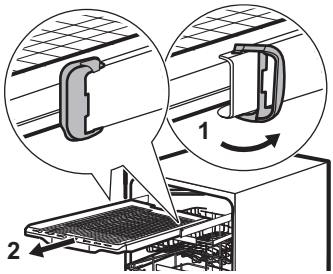
Do not remove the upper spray arm. If the openings in the spray arm are clogged, remove the remaining particles of soil with a thin pointed object, e.g. a toothpick.

11.7 Cleaning the ceiling spray arm

The ceiling spray arm is placed on the ceiling of the appliance. The spray arm (**C**) is installed in the delivery tube (**A**) with the mounting element (**B**).



1. Release the stoppers on the sides of the sliding rails of the cutlery drawer and pull the drawer out.



2. Move the upper basket to the lowest level to reach the spray arm more easily.
3. To detach the spray arm (**C**) from the delivery tube (**A**), turn the mounting element (**B**) counterclockwise and pull the spray arm downwards.
4. Wash the spray arm under running water. Use a thin pointed tool, e.g. a toothpick, to remove particles of soil from the holes. Run water through the holes to wash soil particles away from the inside.
5. To install the spray arm (**C**) back, insert the mounting element (**B**) in the spray arm and fix it in the delivery tube (**A**) by turning it clockwise. Make sure that the mounting element locks into place.
6. Install the cutlery drawer on the sliding rails and block the stoppers.

12. TROUBLESHOOTING

The majority of problems that may occur can be solved without the need to contact an Authorised Service Centre. Refer to the table for information on possible problems.

With some problems, the display shows an error code.

Once you have checked the appliance, deactivate and then activate it. If the problem persists, contact an Authorised Service Centre. Unplug the appliance and do not use it until the problem is fixed.

IMPORTANT

Close the water tap, unplug the appliance, and do not use it until the problem is fixed.

You cannot activate the appliance.

- Make sure that the mains plug is connected to the mains socket.
- Make sure that there is no damaged fuse in the fuse box.

The programme does not start.

- Make sure that the appliance door is closed.
- Press the start button.
- If the delayed start is set, cancel the countdown or wait for the end of the countdown.
- The appliance recharges the resin inside the water softener. The duration of the procedure is approximately 5 minutes.

i10 or i11 error code. The appliance does not fill with water.

- Make sure that the water tap is open.
- Make sure that the pressure of the water supply is between 0.05 (0.5) / 1 (10) MPa (bar). For this information, contact your local water authority.
- Make sure that the water tap is not clogged.
- Make sure that the filter in the inlet hose is not clogged. Clean the filter if necessary. Refer to "Care and cleaning" chapter.
- Make sure that the inlet hose has no kinks or bends.

i20 error code. The appliance does not drain the water.

- Make sure that the sink spigot is not clogged.
- Make sure that the interior filter system is not clogged.
- Make sure that the drain hose has no kinks or bends.

i30 error code. The anti-flood device is on.

- Close the water tap.
- Make sure that the appliance is correctly installed.
- Make sure the baskets are loaded as instructed in the user manual.

i41-i44 error codes. Malfunction of the wash pump or the drain pump.

- Make sure that the filters are clean.
- Switch the appliance off and on.

i51-i59 or i5A-i5F error codes. Malfunction of the wash pump or the drain pump.

- Switch the appliance off and on.

i61 or i69 error code. The temperature of the water inside the appliance is too high or malfunction of the temperature sensor occurred.

- Make sure that the temperature of the inlet water does not exceed 60°C.
- Switch the appliance off and on.

iC0 or iC3 error codes. Technical malfunction of the appliance.

- Switch the appliance off and on.

iF1 error code. The level of water inside the appliance is too high.

- Switch the appliance off and on.
- Make sure that the filters are clean.
- Make sure that the outlet hose is installed at the right height above the floor. Refer to the installation instruction.

The appliance stops and starts more times during operation.

- It is normal. It provides optimal cleaning results and energy savings.

The programme lasts too long.

- If the delayed start is set, cancel the countdown or wait for the end of the countdown.
- Activating programme options increases the programme duration.

The displayed programme duration is different than the duration in the consumption values table.

- The programme duration can change due to the pressure and temperature of the water, variations in the mains supply, selected options, quantity of dishes, and degree of soil.

The remaining time in the display increases and skips nearly to the end of the programme duration.

- This is not a defect. The appliance is working correctly.

Small leak from the appliance door.

- The appliance is not levelled. Loosen or tighten the adjustable feet (if applicable).

The appliance door is difficult to close.

- The appliance is not levelled. Loosen or tighten the adjustable feet (if applicable).
- Parts of the tableware are protruding from the baskets.

The appliance door opens during the wash cycle.

- AirDry function is activated to enhance drying results while saving energy. To de-activate the function, refer to "Settings" chapter.

Rattling or knocking sounds from the inside of the appliance.

- The tableware is not properly arranged in the baskets. Refer to "Loading the dishwasher" chapter.
- Make sure that the spray arms can rotate freely.

The appliance trips the circuit breaker.

- The amperage is insufficient to supply simultaneously all the appliances in use. Check the socket amperage and the capacity of the metre or turn off one of the appliances in use.
- Internal electrical fault of the appliance. Contact an Authorised Service Centre.

12.1 Dishwashing and drying results are not satisfactory

Poor dishwashing results.

- Refer to "Hints and tips" chapter.
- Use a more intensive washing programme.
- Activate option to improve the washing results of a selected programme.
- Clean spray arm jets and filters. Refer to "Care and cleaning" chapter.
- The quality of the detergent can be the cause. Try a different detergent.

Poor drying results.

- Refer to "Hints and tips" chapter.
- Tableware was left for too long inside the closed appliance. Activate AirDry function to set the automatic opening of the door and to improve the drying performance. Refer to "Settings" chapter.
- Unload the dishwasher only when the programme is completed and the display shows 0:00.
- There is no rinse aid or the dosage is not sufficient. Fill the rinse aid dispenser or set the dosage to a higher level (if applicable).
- The quality of the rinse aid can be the cause. Try using a different rinse aid.
- Always use rinse aid, even with multi-tablets.
- Plastic items may need to be towel dried.
- 30min programme does not have the drying phase. Select a different programme.
- Water drops from the upper basket fell on the lower basket. First unload the lower basket, and then the upper basket.

Whitish streaks on glasses and dishes.

- The quantity of detergent is too high. Reduce the quantity.

Bluish layers on glasses and dishes.

- The released quantity of rinse aid is too high. Adjust the dosage to a lower level.

Stains and dry water drops on glasses and dishes.

- The quality of the rinse aid can be the cause. Try a different rinse aid.
- Refer to "Loading the dishwasher" chapter.

The interior of the appliance is wet.

- This is not a defect of the appliance. Humidity condensates on the appliance walls.

Unusual foam during washing.

- Use the detergent designed specifically for dishwashers.
- Use a detergent from a different manufacturer.
- Do not pre-rinse dishes under running water.

Traces of rust on cutlery.

- There is too much salt in the water used for washing. After filling the salt container, always remove the spilled salt.
- Rusting items and stainless steel cutlery were placed together. Do not place these items close together.

Residues of detergent in the dispenser at the end of the programme.

- Water cannot wash away the detergent from the dispenser. Make sure that the spray arms are not blocked or clogged.
- Make sure that items in the baskets do not impede the lid of the detergent dispenser from opening.

Odours inside the appliance.

- Refer to "Care and cleaning" chapter.
- Regularly use a programme with a dishwashing temperature of 65°C.

Limescale deposits on the tableware, on the tub and on the inside of the door.

- Your tap water is hard. Use salt and set regeneration of the water softener even when multi-functional tablets are used. Refer to the water softener section in "Settings" chapter.
- The level of salt is low. If the salt indicator is on, fill the salt container.
- The cap of the salt container is loose. Inspect the cap.
- Start programme with a descaler or a cleaning product designed for dishwashers.
- If limescale deposits persist, clean the appliance with the suitable detergents.
- Try a different detergent.
- Contact the detergent manufacturer.

Dull, discoloured or chipped tableware.

- Make sure that only dishwasher-safe items are washed in the appliance.
- Load and unload the basket carefully. Refer to "Loading the dishwasher" chapter.
- Place delicate items in the upper basket.
- Activate option to ensure special care for glassware and delicate items.

Refer to "Before first use", "Loading the dishwasher", " Daily use", or " Hints and tips" chapters for other possible causes.

13. TECHNICAL DATA

Dimensions	Width / height / depth (mm)	598 / 850 / 622
Electrical connection [1]	Voltage (V)	220 - 240
	Frequency (Hz)	50
Water supply pressure	Min. / max. MPa (bar)	0.05 (0.5) / 1 (10)
Water supply	Cold water or hot water (°C) [2]	min. 5 - max. 60
Capacity	Place settings	14

[1] Refer to the rating plate for other values.

[2] If the hot water comes from alternative source of energy (e.g. solar panels), use the hot water supply to decrease energy consumption.

13.1 Link to the EU EPREL database

The QR code on the energy label supplied with the appliance provides a web link to the registration of this appliance in the EU EPREL database. Keep the energy label for reference together with the user manual and all other documents provided with this appliance.

It is also possible to find information related to the performance of the product in the EU EPREL database using the link https://eprel.ec.europa.eu and the model name and product number that you can find on the rating plate of the appliance. Refer to the "Product description" chapter.

14. ENVIRONMENTAL CONCERNS

Recycle materials with the symbol . Put the packaging in relevant containers to recycle it. Help protect the environment and human health by recycling waste of electrical and electronic appliances. Do not dispose of appliances marked with the symbol with the household waste. Return the product to your

local recycling facility or contact your municipal office.

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