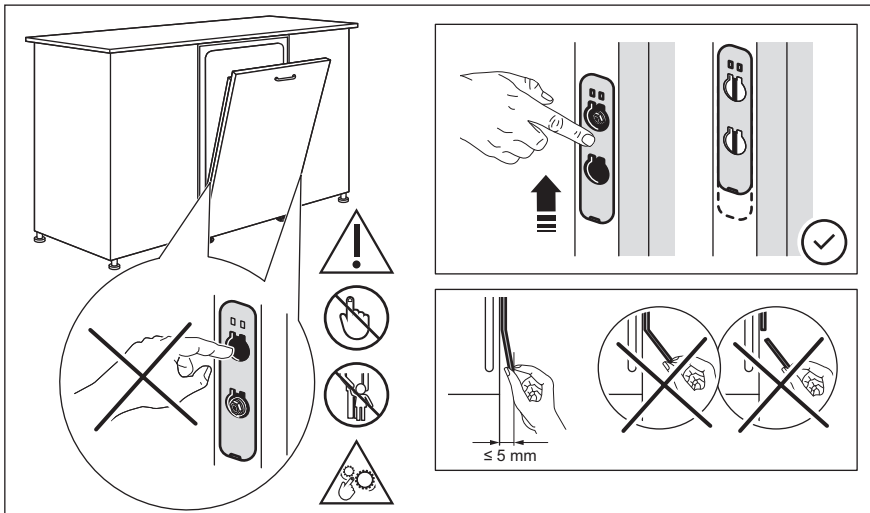
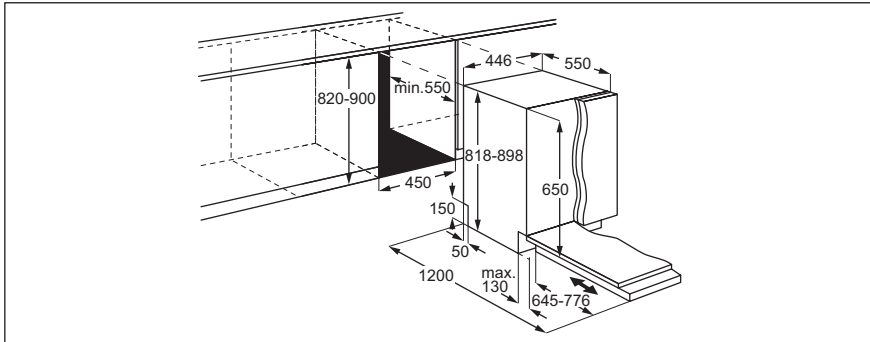




Dishwasher

User Manual

# INSTALLATION



## CUSTOMER CARE AND SERVICE

Always use original spare parts.

When contacting our Authorised Service Centre, ensure that you have the following data available: Model, Serial Number.

The information can be found on the rating plate.

 Warning / Caution-Safety information

 General information and tips

 Environmental information

## VISIT OUR WEBSITE:



To get usage advice, brochures, troubleshooting, service and repair information:

**[www.smeg.com/services/customer-service](http://www.smeg.com/services/customer-service)**

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Subject to change without notice.

## 1. SAFETY INFORMATION

Before the installation and use of the appliance, carefully read the supplied instructions. The manufacturer is not responsible for any injuries or damage that are the result of 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 9 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.
- Do not use the appliance before installing it in the built-in structure due to safety manner.
- If the furniture panel is not installed, the door may close unexpectedly. Open the appliance door carefully to avoid the risk of injury. After installation, make sure the plastic covers are locked in position. Damage or removal of the plastic covers on the sides of the door may impact the functionality of the appliance and may cause an injury. If the plastic cover is damaged, contact the Authorized Service Centre for replacement.

### 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 pull the mains cable to disconnect the appliance. Always pull 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



#### **WARNING!**

Risk of electric shock.

- 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.
- Electrical power loss deactivates the water protection system, increasing the risk of flooding.
- The water inlet hose has a safety valve and a sheath with an inner mains cable.

## 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 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

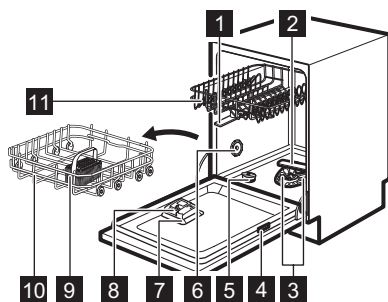


### **WARNING!**

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.

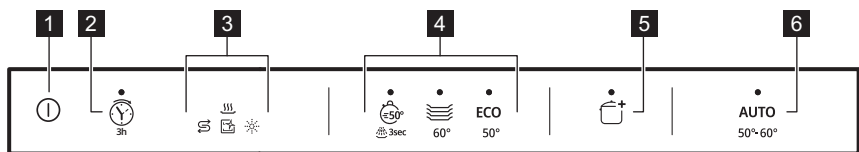
### 3. PRODUCT DESCRIPTION



1 Upper spray arms

- 2 Lower spray arm
- 3 Filters
- 4 Rating plate
- 5 Salt container
- 6 Air vent
- 7 Rinse aid dispenser
- 8 Detergent dispenser
- 9 Cutlery basket
- 10 Lower basket
- 11 Upper basket

### 4. CONTROL PANEL



- 1 On/Off button / Reset button
- 2 Delay start button
- 3 Indicators
- 4 Programme buttons

- 5 Option button
- 6 **AUTO** programme button

#### 4.1 Indicators

| Indicator | Description                                                                                                                                                   |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | Rinse aid indicator. It is on when the rinse aid dispenser needs refilling. Refer to Before first use.                                                        |
|           | Salt indicator. It is on when the salt container needs refilling. Refer to Before first use.                                                                  |
|           | Self Clean indicator. It is on when the appliance needs internal cleaning with the Self Clean programme. Refer to Care and cleaning.                          |
|           | Drying phase indicator. It is on when a programme with the drying phase is selected. It flashes when the drying phase operates. Refer to Programme selection. |

## 5. PROGRAMME SELECTION

### 5.1 Programmes

 (Express 50°) is the shortest programme suitable for dishwashing a load with fresh and light soil.

 (Soak) is a programme for rinsing off food remains. It prevents odours forming in the appliance. Do not use detergent with this programme.

 (Mix 60°) is a programme suitable for dishwashing and drying normally soiled items.

**ECO** (Eco) is the longest programme offering the most efficient use of energy and water consumption for crockery and cutlery with normal soil. <sup>1)</sup>

### 5.2 AUTO (Auto)

With this programme, the dishwasher senses the degree of soil and the amount of dishes. It adjusts the temperature and quantity of water as well as the dishwashing duration.

### 5.3 Options

Adjust the programme selection to your needs by activating options.

#### (Extreme)

This option improves the dishwashing results of the selected programme. It increases the wash temperature and duration.

## 6. PROGRAMMES OVERVIEW

| Programme                                                                           | Dishwasher load               | Degree of soil           | Programme phases                                                                                                                                                       | Options                                                                                                                             |
|-------------------------------------------------------------------------------------|-------------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
|    | Crockery, cutlery             | Fresh                    | <ul style="list-style-type: none"><li>Dishwashing 50 °C</li><li>Intermediate rinse</li><li>Final rinse 50 °C</li><li>Dry Assist <sup>1)</sup></li></ul>                | <ul style="list-style-type: none"><li></li></ul>   |
|   | All                           | All                      | <ul style="list-style-type: none"><li>Prewash</li></ul>                                                                                                                |                                                                                                                                     |
|  | Crockery, cutlery, pots, pans | Normal, lightly dried-on | <ul style="list-style-type: none"><li>Dishwashing 60 °C</li><li>Intermediate rinse</li><li>Final rinse 55 °C</li><li>Drying</li><li>Dry Assist <sup>1)</sup></li></ul> | <ul style="list-style-type: none"><li></li></ul> |

<sup>1)</sup> This is the standard programme for test institutes. This programme is used to assess compliance with the Ecodesign Commission Regulation (EU) 2019/2022. This programme is used to assess compliance with the UK Ecodesign for Energy-Related Products and Energy Information Regulations.

| Programme   | Dishwasher load                                                     | Degree of soil | Programme phases                                                                                                                                                                                   | Options                                                                             |
|-------------|---------------------------------------------------------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>ECO</b>  | Crockery, cutlery, pots, pans                                       | Normal         | <ul style="list-style-type: none"> <li>Prewash</li> <li>Dishwashing 50 °C</li> <li>Intermediate rinse</li> <li>Final rinse 60 °C</li> <li>Drying</li> <li>Dry Assist <sup>1)</sup></li> </ul>      | •  |
| <b>AUTO</b> | Crockery, cutlery, pots, pans                                       | All            | <ul style="list-style-type: none"> <li>Prewash</li> <li>Dishwashing 50 - 60 °C</li> <li>Intermediate rinse</li> <li>Final rinse 60 °C</li> <li>Drying</li> <li>Dry Assist <sup>1)</sup></li> </ul> |                                                                                     |
| Self Clean  | For cleaning the appliance interior.<br>Refer to Care and cleaning. |                | <ul style="list-style-type: none"> <li>Cleaning 70 °C</li> <li>Intermediate rinse</li> <li>Final rinse</li> <li>Dry Assist <sup>1)</sup></li> </ul>                                                |                                                                                     |

<sup>1)</sup> Automatic door opening. Refer to "Basic settings" chapter.

## 6.1 Consumption values

| Programme 1) 2)                                                                   | Water (l) | Energy (kWh) | Duration (min) |
|-----------------------------------------------------------------------------------|-----------|--------------|----------------|
|  | 8.8       | 0.604        | 30             |
|  | 3.4       | 0.014        | 15             |
|  | 9.5       | 0.826        | 90             |
| <b>ECO</b>                                                                        | 9.9       | 0.628        | 240            |
| <b>AUTO</b>                                                                       | 9.5       | 0.952        | 170            |
| Self Clean                                                                        | 8.1       | 0.440        | 60             |

<sup>1)</sup> 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.

<sup>2)</sup> The values for programmes other than ECO are indicative only.

## 6.2 Information for test institutes

To receive the necessary information for conducting performance tests (e.g. according to: EN60436 /BS EN60436 ), contact the manufacturer.

In your request, include the model from the rating plate.

## 7. BASIC SETTINGS

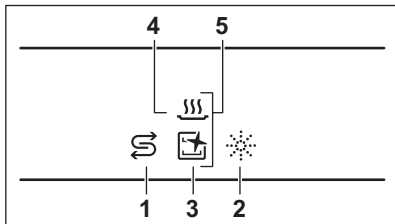
You can configure the appliance by changing basic settings according to your needs.

| Number | Settings        | Values                                | Description <sup>1)</sup>                                                            |
|--------|-----------------|---------------------------------------|--------------------------------------------------------------------------------------|
| 1      | Water hardness  | From level 1 to level 10 (default: 5) | Adjust the level of the water softener according to the water hardness in your area. |
| 2      | Rinse aid level | From level 0 to level 8 (default: 5)  | Adjust the level of the rinse aid according to the necessary dosage.                 |
| 3      | End sound       | On<br>Off (default)                   | Activate or deactivate the acoustic signal for the end of a programme.               |
| 4      | Auto door open  | On (default)<br>Off                   | Activate or deactivate the Dry Assist.                                               |
| 5      | Key tones       | On (default)<br>Off                   | Activate or deactivate the sound of the buttons when pressed.                        |

<sup>1)</sup> For more details, refer to the information provided in this chapter.

You can change the basic settings in setting mode.

When the appliance is in setting mode, the indicators on the control panel represent available settings. For each setting, a dedicated indicator flashes:



### 7.1 Setting mode

#### How to enter setting mode

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

To enter setting mode, press and hold simultaneously  and **ECO** for about 3 seconds.

- The light related to  and the indicator  flash.
- The indicators ,  and  are on.
- The lights related to the programme buttons are on.

#### How to navigate in setting mode

Use programme buttons to navigate in setting mode.

-  - **Previous** button
-  - **OK** button
- **ECO** - **Next** button

Use **Previous** and **Next** to switch between the basic settings and to change their value. Use **OK** to enter the selected setting and to confirm changing its value.

#### How to change a setting

Make sure the appliance is in setting mode.

1. Press **Previous** or **Next** until the indicator dedicated to the desired setting flashes.

The light related to  indicates the current setting value:

- For the settings with two values (on and off), the light is either on (= the setting is on) or off (= the setting is off).
  - For the settings with multiple values (levels), the light flashes. The number of flashes indicates the current setting value (e.g. 5 flashes + pause + 5 flashes... = level 5).
2. Press **OK** to enter the setting.
    - The indicator related to the setting is on.
    - The other indicators are off.
    - The light related to  indicates the current setting value.
  3. Press **Previous** or **Next** to change the value.
  4. Press **OK** to confirm the setting.
    - The new setting is saved.
    - The appliance returns to the setting selection.
  5. Press and hold simultaneously  and **ECO** 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.

## 7.2 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 containing salt are not effective enough to soften hard water.

### Water hardness

| German degrees (°dH) | French degrees (°fH) | mmol/l    | mg/l (ppm) | Clarke degrees | Water softener level |
|----------------------|----------------------|-----------|------------|----------------|----------------------|
| 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                    |
| 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                    |

The water softener undergoes an automatic regeneration process. <sup>1)</sup>

### 7.3 The rinse aid level

The rinse aid helps to dry the dishes without streaks and stains. It is automatically released during the hot rinse phase. It is possible to set the released quantity of rinse aid.

When rinse aid chamber is empty, the rinse aid indicator is on notifying to refill rinse aid. If the drying results are satisfactory while using multi-tablets only, it is possible to deactivate the dispenser and the indicator. However, for best drying performance, always use rinse aid and keep the rinse aid indicator active.

To deactivate the rinse aid dispenser and indicator, set the level of rinse aid to 0.

### 7.4 End sound

You can activate an acoustic signal that sounds when the programme is completed.

 Acoustic signals sound also when a malfunction of the appliance occurs. It is not possible to deactivate these signals.

### 7.5 Dry Assist

Dry Assist improves the drying results. The appliance door opens automatically during the drying phase and remains ajar. Deactivating the function may reduce the drying performance.

Dry Assist is automatically activated with all programmes other than .

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

#### CAUTION!

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

### 7.6 Key tones

The buttons on the control panel make a click sound when you press them. You can deactivate this sound.

## 8. BEFORE FIRST USE

1. **Adjust the level of the water softener according to the hardness of the water supply.**
2. Fill the salt container.
3. Fill the rinse aid dispenser.
4. Open the water tap.
5. Run  programme with detergent 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 complete. The procedure is repeated periodically.

<sup>1)</sup> 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.

## 8.1 The salt container

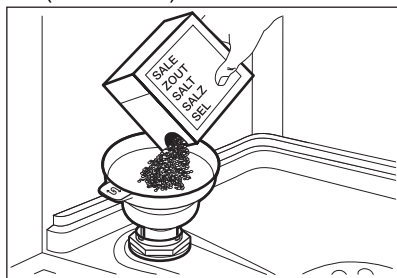
### CAUTION!

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

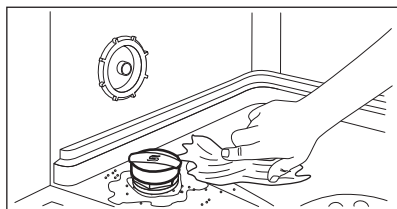
The salt is used to recharge the resin in the water softener and to assure good washing results in daily use.

### How to fill the salt container

1. Turn the cap of the salt container counterclockwise and remove it.
2. Put 1 litre of water in the salt container (only for the first time).
3. Fill the salt container with 1 kg of salt (until it is full).



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.

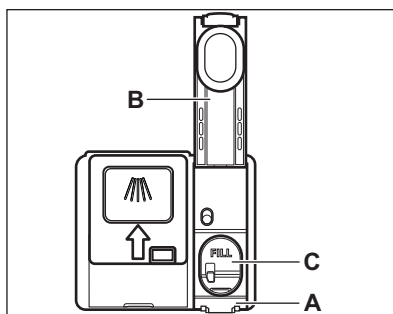


6. Turn the cap clockwise to close the salt container.

### CAUTION!

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.

## 8.2 How to fill the rinse aid dispenser



### CAUTION!

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

### CAUTION!

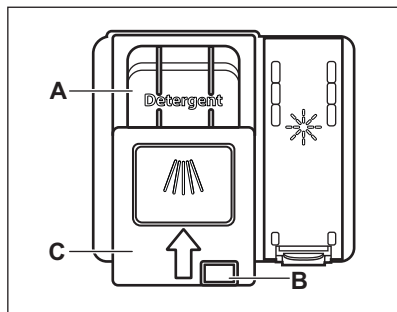
Only use rinse aid designed specifically for dishwashers.

1. Press the release element (A) to open the lid (B).
2. Pour the rinse aid in the dispenser (C) until the liquid reaches the marking "FILL".
3. Remove the spilled rinse aid with an absorbent cloth to prevent excessive foam formation.
4. Close the lid. Make sure that the lid locks into position.

## 9. DAILY USE

1. Open the water tap.
2. Press and hold  until the appliance is activated.
3. Fill the salt container if it is empty.
4. Fill the rinse aid dispenser if it is empty.
5. Load the baskets.
6. Add the detergent.
7. Select and start a programme.
8. Close the water tap when the programme is complete.

## 9.1 Using the detergent



### CAUTION!

Only use detergent designed specifically for dishwashers.

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 has a prewash phase, put a small quantity of detergent on the inner part of the appliance door.
4. Close the lid. Make sure that the lid locks into position.

 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 is adequate for washing a load with normal soil.

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

## 9.2 How to select and start a programme

1. Press the button dedicated to the programme you want to set.

The light related to the button flashes.

2. Activate  if desired.
3. Close the appliance door to start the programme.

## 9.3 How to select and start the programme

1. To select , press and hold  for 3 seconds.

The light related to the button flashes.

2. Close the appliance door to start the programme.

## 9.4 How to activate

1. Select a programme.
2. Press .

The light related to the button is on.

  is not a permanent option and must be activated every time before you start a programme.

 It is not possible to activate or deactivate  while a programme runs.

 Activating options often increases the water and energy consumption as well as the programme duration.

## 9.5 How to select and start the programme **AUTO**

1. Press **AUTO**.

The light related to the button is on.

2. Close the appliance door to start the programme.

The appliance senses the type of load and adjusts a suitable wash cycle.

## 9.6 How to delay the start of a programme

You can delay the start of the selected programme by 3 hours.

1. Select a programme.

2. Press .

The light related to the button is on.

3. Close the appliance door to start the countdown.

During the countdown, it is not possible to change the programme selection.

When the countdown is complete, the programme starts.

### 9.7 How to cancel the delay start while the countdown operates

Press and hold ① for about 3 seconds.

The appliance returns to the programme selection.

**i** If you cancel the delay start, you have to select the programme again.

### 9.8 How to cancel a running programme

Press and hold ① for about 3 seconds.

The appliance returns to the programme selection.

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

### 9.9 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.

If the door is opened for more than 30 seconds during the drying phase, the running programme ends. It does not happen if the door is opened by Dry Assist function.

### 9.10 Auto Off function

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

The function comes into operation automatically:

- When the programme is completed.
- After 5 minutes if a programme was not started.

### 9.11 End of the programme

When the programme is complete, the Auto Off function switches the appliance off automatically.

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

## 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.
- Detergent tablets do not fully dissolve with short programmes. To prevent detergent residues on the tableware, we recommend that you use tablets with long 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. Adjust the amount of detergent based on the water hardness. 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 too high, the increased quantity of salt in the water might result in rust on cutlery.

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

Before you start using 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  programme. Do not add detergent and do not put dishes in the baskets.
4. When the programme is completed, adjust the water softener according to the water hardness in your area.
5. Adjust the released quantity of rinse aid.

## 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 (unless you use multi-tablets).
- 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 Loading the baskets

- Always use the whole space of the baskets.
- 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 and unprotected carbon steel. This can cause them to crack, warp, discolour, pit or rust.
- 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.
- Make sure that glasses do not touch each other.
- Put light or plastic items in the upper basket. Make sure that the items do not move freely.
- Put cutlery and small items in the cutlery basket.
- Make sure that the spray arms can move freely before you start a programme.

## 10.6 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

### **WARNING!**

Before any maintenance other than running the programme Self Clean, deactivate the appliance and disconnect the mains plug from the main socket.

 Dirty filters and clogged spray arms negatively affect the washing results. Check these elements regularly and, if necessary, clean them.

### 11.1 Self Clean

Self Clean is a programme designed to clean the appliance interior with optimal results. It removes limescale and grease buildup.

When the appliance senses the need for cleaning, the indicator  is on. Start the Self Clean programme to clean the appliance interior.

### How to start the Self Clean programme

Before starting the programme, clean the filters and spray arms.

1. Use a descaler or a cleaning product designed specifically for dishwashers. Follow the instructions on the packaging. Do not put dishes in the baskets.
2. Press and hold simultaneously  and **AUTO** for about 3 seconds.

The indicators  and  flash.

3. Close the appliance door to start the programme.

When the programme is complete, the indicator  is off.

### 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 Self Clean.

### 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.

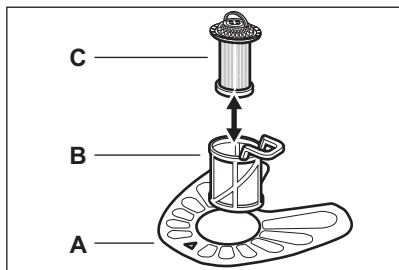
1. Disassemble the filters system as instructed in this chapter.
2. Remove any foreign objects manually.
3. Reassemble the filters as instructed in this chapter.

### 11.4 External cleaning

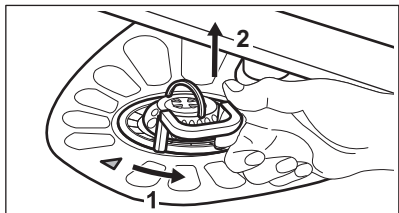
- Clean the appliance with a moist soft cloth.
- Only use neutral detergents.
- Do not use abrasive products, abrasive cleaning pads or solvents.

### 11.5 Cleaning the filters

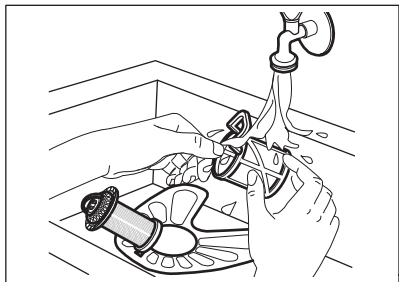
The filter system is made of 3 parts.



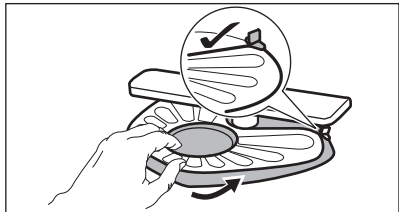
1. Turn the filter (B) counterclockwise and remove it.



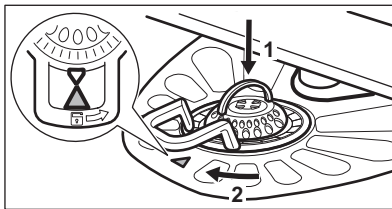
2. Remove the filter (C) out of filter (B).
3. Remove the flat filter (A).
4. Wash the filters.



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.

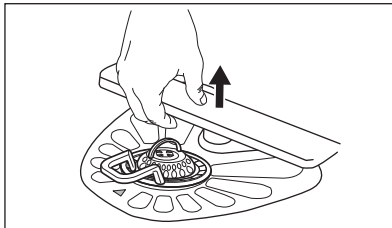


### ⚠ CAUTION!

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

## 11.6 Cleaning the lower spray arm

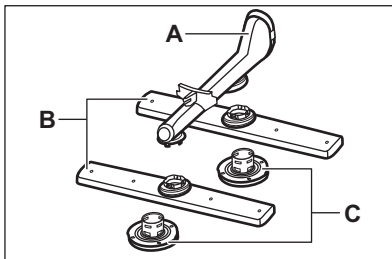
1. To remove the lower spray arm, pull it upwards.



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.

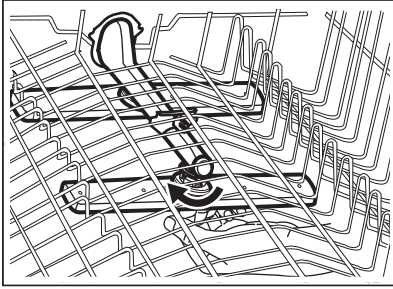
## 11.7 Cleaning the upper spray arms

The upper spray arms are placed under the upper basket. The spray arms (B) are installed in the duct (A) with the mounting elements (C).



1. Pull out the upper basket.

2. To detach the spray arm, turn the mounting element clockwise.



3. 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.
4. To install the spray arm back, insert the mounting element in the spray arm and fix it in the duct by turning it counterclockwise. Make sure that the mounting element locks into place.

## 12. TROUBLESHOOTING

### **WARNING!**

Improper repair of the appliance may pose a danger to the safety of the user. Any repairs must be performed by qualified personnel.

The majority of problems that may occur can be solved without the need to contact an Authorised Service Centre.

Refer to the below table for information on possible problems.

With some problems, the lights related to the programme buttons flash intermittently to indicate a malfunction and the alarm code.

| Problem and alarm code                                                                                                                                                                                                    | Possible cause and solution                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| You cannot activate the appliance.                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>• Make sure that the mains plug is connected to the mains socket.</li> <li>• Make sure that there is no damaged fuse in the fuse box.</li> </ul>                                                                                                                                                                                                                                       |
| The programme does not start.                                                                                                                                                                                             | <ul style="list-style-type: none"> <li>• Make sure that the appliance door is closed.</li> <li>• If the delay start is set, cancel the setting or wait for the end of the countdown.</li> <li>• The appliance recharges the resin inside the water softener. The duration of the procedure is approximately 5 minutes.</li> </ul>                                                                                             |
| The appliance does not fill with water. <ul style="list-style-type: none"> <li>• The lights related to the programme buttons flash 1 time intermittently.</li> <li>• An acoustic signal sounds intermittently.</li> </ul> | <ul style="list-style-type: none"> <li>• Make sure that the water tap is open.</li> <li>• Make sure that the pressure of the water supply is not too low. For this information, contact your local water authority.</li> <li>• Make sure that the water tap is not clogged.</li> <li>• Make sure that the filter in the inlet hose is not clogged.</li> <li>• Make sure that the inlet hose has no kinks or bends.</li> </ul> |

| Problem and alarm code                                                                                                                                                                                                                                                                                     | Possible cause and solution                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>The appliance does not drain the water.</p> <ul style="list-style-type: none"> <li>• The lights related to the programme buttons flash 2 times intermittently.</li> <li>• An acoustic signal sounds intermittently.</li> </ul>                                                                          | <ul style="list-style-type: none"> <li>• Make sure that the sink spigot is not clogged.</li> <li>• Make sure that the interior filter system is not clogged.</li> <li>• Make sure that the drain hose has no kinks or bends.</li> </ul> |
| <p>The anti-flood device is on.</p> <ul style="list-style-type: none"> <li>• The lights related to the programme buttons flash 3 times intermittently.</li> <li>• An acoustic signal sounds intermittently.</li> </ul>                                                                                     | <ul style="list-style-type: none"> <li>• Close the water tap.</li> <li>• Make sure that the appliance is correctly installed.</li> <li>• Make sure the baskets are loaded as instructed in the user manual.</li> </ul>                  |
| <p>Malfunction of the water level detection sensor.</p> <ul style="list-style-type: none"> <li>• The lights related to the programme buttons flash 4 times intermittently.</li> <li>• An acoustic signal sounds intermittently.</li> </ul>                                                                 | <ul style="list-style-type: none"> <li>• Make sure that the filters are clean.</li> <li>• Switch the appliance off and on.</li> </ul>                                                                                                   |
| <p>Malfunction of the wash pump or the drain pump.</p> <ul style="list-style-type: none"> <li>• The lights related to the programme buttons flash 5 times intermittently.</li> <li>• An acoustic signal sounds intermittently.</li> </ul>                                                                  | <ul style="list-style-type: none"> <li>• Switch the appliance off and on.</li> </ul>                                                                                                                                                    |
| <p>The temperature of the water inside the appliance is too high or malfunction of the temperature sensor occurred.</p> <ul style="list-style-type: none"> <li>• The lights related to the programme buttons flash 6 times intermittently.</li> <li>• An acoustic signal sounds intermittently.</li> </ul> | <ul style="list-style-type: none"> <li>• Make sure that the temperature of the inlet water does not exceed 60 °C.</li> <li>• Switch the appliance off and on.</li> </ul>                                                                |
| <p>Technical malfunction of the appliance.</p> <ul style="list-style-type: none"> <li>• The lights related to the programme buttons flash 12 times intermittently.</li> <li>• An acoustic signal sounds intermittently.</li> </ul>                                                                         | <ul style="list-style-type: none"> <li>• Switch the appliance off and on.</li> </ul>                                                                                                                                                    |

| Problem and alarm code                                                                                                                                                                                                                      | Possible cause and solution                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>The level of water inside the appliance is too high.</p> <ul style="list-style-type: none"> <li>The lights related to the programme buttons flash 15 times intermittently.</li> <li>An acoustic signal sounds intermittently.</li> </ul> | <ul style="list-style-type: none"> <li>Switch the appliance off and on.</li> <li>Make sure that the filters are clean.</li> <li>Make sure that the outlet hose is installed at the right height above the floor. Refer to the installation instructions.</li> </ul>                                                             |
| The appliance stops and starts more times during operation.                                                                                                                                                                                 | <ul style="list-style-type: none"> <li>It is normal. It provides optimal cleaning results and energy savings.</li> </ul>                                                                                                                                                                                                        |
| The programme lasts too long.                                                                                                                                                                                                               | <ul style="list-style-type: none"> <li>If the delay start option is set, cancel the delay setting or wait for the end of the countdown.</li> <li>Activating  increases the programme duration.</li> </ul>                                      |
| Small leak from the appliance door.                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>The appliance is not levelled. Loosen or tighten the adjustable feet (if applicable).</li> <li>The appliance door is not centred on the tub. Adjust the rear foot (if applicable).</li> </ul>                                                                                            |
| The appliance door is difficult to close.                                                                                                                                                                                                   | <ul style="list-style-type: none"> <li>The appliance is not levelled. Loosen or tighten the adjustable feet (if applicable).</li> <li>Parts of the tableware are protruding from the baskets.</li> </ul>                                                                                                                        |
| The appliance door opens during the wash cycle.                                                                                                                                                                                             | <ul style="list-style-type: none"> <li>The Dry Assist function is activated. You can deactivate the function. Refer to Basic settings.</li> </ul>                                                                                                                                                                               |
| Rattling or knocking sounds from the inside of the appliance.                                                                                                                                                                               | <ul style="list-style-type: none"> <li>The tableware is not properly arranged in the baskets. Refer to basket loading leaflet.</li> <li>Make sure that the spray arms can rotate freely.</li> </ul>                                                                                                                             |
| The appliance trips the circuit-breaker.                                                                                                                                                                                                    | <ul style="list-style-type: none"> <li>The amperage is insufficient to supply simultaneously all the appliances in use. Check the socket amperage and the capacity of the meter or turn off one of the appliances in use.</li> <li>Internal electrical fault of the appliance. Contact an Authorised Service Centre.</li> </ul> |

Once you have checked the appliance, deactivate and activate the appliance. If the problem occurs again, contact an Authorised Service Centre.



### **WARNING!**

We do not recommend using the appliance until the problem has been completely fixed. Unplug the appliance and do not plug it in again until you are certain that it operates correctly.

## 12.1 Dishwashing and drying results are not satisfactory

| Problem                                                             | Possible cause and solution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Poor washing results.                                               | <ul style="list-style-type: none"> <li>Refer to Daily use, Hints and tips and to the basket loading leaflet.</li> <li>Use more intensive washing programme.</li> <li>Activate the option  to improve the washing results of a selected programme.</li> <li>Clean spray arm jets and filters. Refer to Care and cleaning.</li> </ul>                                                                                                                                                                                         |
| Poor drying results.                                                | <ul style="list-style-type: none"> <li>Tableware was left for too long inside the closed appliance. Activate Dry Assist to set the automatic opening of the door and to improve the drying performance.</li> <li>There is no rinse aid or the dosage is not sufficient. Fill the rinse aid dispenser or set the dosage to a higher level.</li> <li>The quality of the rinse aid can be the cause.</li> <li>Always use rinse aid, even with multi-tablets.</li> <li>Plastic items may need to be towel dried.</li> <li>The programme does not have the drying phase. Refer to the programme table.</li> </ul> |
| Whitish streaks or bluish layers on glasses and dishes.             | <ul style="list-style-type: none"> <li>The released quantity of rinse aid is too high. Adjust the dosage to a lower level.</li> <li>The quantity of detergent is too high.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Stains and dry water drops on glasses and dishes.                   | <ul style="list-style-type: none"> <li>The released quantity of rinse aid is not sufficient. Adjust the dosage to a higher level.</li> <li>The quality of the rinse aid can be the cause.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                         |
| The interior of the appliance is wet.                               | <ul style="list-style-type: none"> <li>This is not a defect of the appliance. Humidity condensates on the appliance walls.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Unusual foam during washing.                                        | <ul style="list-style-type: none"> <li>Use the detergent designed specifically for dishwashers.</li> <li>Use a detergent from a different manufacturer.</li> <li>Do not pre-rinse dishes under running water.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                     |
| Traces of rust on cutlery.                                          | <ul style="list-style-type: none"> <li>There is too much salt in the water used for washing. Refer to the water softener setting.</li> <li>Silver and stainless steel cutlery were placed together. Do not place silver and stainless steel items close together.</li> </ul>                                                                                                                                                                                                                                                                                                                                 |
| Residues of detergent in the dispenser at the end of the programme. | <ul style="list-style-type: none"> <li>The detergent tablet was stuck in the dispenser and was not washed away by water.</li> <li>Water cannot wash away the detergent from the dispenser. Make sure that the spray arms are not blocked or clogged.</li> <li>Make sure that items in the baskets do not impede the lid of the detergent dispenser from opening.</li> </ul>                                                                                                                                                                                                                                  |
| Odours inside the appliance.                                        | <ul style="list-style-type: none"> <li>Refer to the Care and cleaning chapter.</li> <li>Start the programme Self Clean with a descaler or a cleaning product designed for dishwashers.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                            |

| Problem                                                                        | Possible cause and solution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Limescale deposits on the tableware, on the tub and on the inside of the door. | <ul style="list-style-type: none"> <li>• The level of salt is low, check the refill indicator.</li> <li>• The cap of the salt container is loose.</li> <li>• Your tap water is hard. Refer to the water softener setting.</li> <li>• Use salt and set regeneration of the water softener even when multi-functional tablets are used. Refer to the water softener setting.</li> <li>• Start the programme Self Clean with a descaler designed for dishwashers.</li> <li>• If limescale deposits persist, clean the appliance with the suitable detergents.</li> <li>• Try a different detergent.</li> <li>• Contact the detergent manufacturer.</li> </ul> |
| Dull, discoloured or chipped tableware.                                        | <ul style="list-style-type: none"> <li>• Make sure that only dishwasher-safe items are washed in the appliance.</li> <li>• Load and unload the basket carefully. Refer to the basket loading leaflet.</li> <li>• Place delicate items in the upper basket.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                      |

Refer to Before first use, Daily use, or Hints and tips for other possible causes.

## 13. TECHNICAL DATA

Technical data.

|                                     |                                            |                       |
|-------------------------------------|--------------------------------------------|-----------------------|
| Dimensions                          | Width / height / depth (mm)                | 446 / 818 - 898 / 550 |
| Electrical connection <sup>1)</sup> | 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) <sup>2)</sup> | min. 5 - max. 60      |
| Capacity                            | Place settings                             | 9                     |

<sup>1)</sup> Refer to the rating plate for other values.

<sup>2)</sup> 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.

### 13.2 Link to the product information sheet - for the UK only

The QR code on the energy label supplied with the appliance provides a web link to the product information sheet. Keep the energy label for reference together with the user manual and all other documents provided with this appliance.

## 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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