



OPERATING INSTRUCTIONS EN

OMB 54435



ONLY USE THE APPLIANCE WHEN
YOU HAVE READ
AND UNDERSTAND
THE OPERATING INSTRUCTIONS

IO-DWS-5761
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WE DEEPLY CARE ABOUT THE ENVIRONMENT

For many years, Gram has consistently pursued pro-ecological policy. Concern for the environment is as important for us as the use of modern technology.

The development of technology has enabled our factories to become more environmentally friendly – we use less and less water, electricity and less waste water and solid waste is generated during production.

A lot of attention is paid to materials used in production. We strive to use only those that do not contain harmful substances and make recycling and safe disposal possible after use.

Dear customer!

Thank you for choosing an Gram product. For years we have delivered high-quality appliances, so that household chores become a real pleasure. Before being packaged and leaving the manufacturer, this appliance was thoroughly checked with regard to safety and functionality. We also endeavour to make sure that modern technology in Gram products always goes hand in hand with a unique design.

Before using the appliance, please carefully read these Operating Instructions. Follow these instructions to avoid improper use and ensure long and reliable operation of the appliance. Learn the principles of the safe use to avoid accidents.

Store these operating instructions in a safe place to use them for reference whenever needed. These Operating Instructions contain all the necessary information that will make the use of your Gram appliance simple and fun. We also encourage you to find out more about other Gram appliances.

We hope using your new appliance is a pleasure.



BASIC INFORMATION

Carefully read the operating instructions before plugging dishwasher to a power outlet and using the appliance. Operating instruction include tips that will help you avoid the risk of injury and damage to the appliance. Keep dishwasher documentation in a safe place for possible future use.

These operating instructions have been prepared for a range of appliances and some features described herein may not apply to your appliance.

MANUFACTURER'S DECLARATION

The manufacturer hereby declares that this product meets the requirements of the following European directives:

- Low Voltage Directive 2014/35/EU,
- Electromagnetic Compatibility (EMC) Directive 2014/30/EU,
- Eco-design Directive 2009/125/UE,
- RoHS Directive 2011/65/EU,

and has been marked with the CE symbol and issued with a declaration of compliance made available to market regulators.

SAFETY INSTRUCTIONS FOR USE

Before you install the appliance

- Check the appliance for transport damage. Never install or use a damaged appliance. If in doubt, contact your seller.
- Carefully read the operating instructions before plugging dishwasher to a power outlet and using the appliance. Operating instruction include tips that will help you avoid the risk of injury and damage to the appliance. Keep dishwasher documentation in a safe place for possible future use.
- These operating instructions have been prepared for a range of appliances and some features described herein may not apply to your appliance.

Before first use

- See installation notes (below).
- Refer the grounding system installation to a qualified electrician.
- The manufacturer shall not be liable for any damage arising from the use of a non-grounded appliance.
- Before using the appliance, verify that the data given on the rating plate matches that of local power outlets.
- Do not plug in the appliance before and during installation.
- Always use the original plug that came with the appliance.
- Do not use an extension cord to connect the appliance to the wall outlet. Extension cords are not sufficiently safe (e.g. they may overheat).
- Make sure the plug is easily accessible after installing the appliance.

Child safety

- This appliance can be used by children aged 8 years and older or persons with physical, mental or sensory handicaps, or those who are inexperienced or unfamiliar with the appliance, provided they are supervised or have been instructed how to safely use the appliance and are familiar with the associated risks. Ensure that children do not play with the appliance. Children should not be allowed to clean or maintain the appliance.
- Children less than 3 years of age shall be kept away unless continuously supervised.
- Do not allow children to play with the appliance.
- Dishwashing detergents can be caustic and irritate the eyes, mouth and throat. Read the safety notes from detergent manufacturer.
- Never leave children unsupervised when the appliance is open. It can contain residue detergent.
- Dishwasher water is not suitable for drinking. Danger of injury from the caustic chemicals.
- When you open the door during a programme, be careful as water temperature is high.
- To avoid injury always place long and sharp/pointed items (e.g. forks, knives) in the cutlery basket, pointing down, or flat on the top basket.

Daily maintenance

- Use the appliance for household dishwashing only.
- Do not use solvents in the appliance as there is a risk of explosion.
- Do not sit or stand on the open door and do not place any objects on it. The device may overturn.
- Do not open the door when the appliance is operating. Hot water or steam can be released.
- Do not leave the door open, because it can pose a hazard.
- Washing tableware in a household dishwasher usually uses less energy and water than washing up by hand.

In case of problems

- Refer repair and modifications of the appliance to qualified technicians only.
- In the event of problems or repairs, unplug the appliance from the wall outlet:
- Unplug the appliance by pulling the plug,
- Turn off the circuit breaker.
- Do not pull the power cord, pull the plug only. Close the water supply.

Recommendations

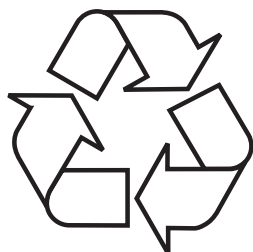
- Loading the dishwasher to the capacity indicated by the manufacturer will save energy and water.
- To save energy and water, rinse food residue of the dishes before loading the dishes into the dishwasher. Run the dishwasher with full load.
- Do not put dishes with food leftovers in the appliance.
- Use pre-wash programme only when needed.
- Load bowls, cups and mugs bottom facing up.
- Do not load in the appliance any dishes that are not dishwasher safe and do not load too many dishes.
- It is not recommended to pre-rinse the tableware, as this leads to an increase in water and energy consumption.

Dishes and utensils that are not suitable for dishwashers.

- Ashtrays, candles, cleaning pastes, paints, chemicals, ferro-alloys;
- Forks, spoons and knives with a handle made of wood, ivory or Nacre, glued items contaminated with abrasive powders, acid or base
- Plastic dishes that are not resistant to high temperature, containers made of copper or tin;
- Aluminium and silver items (may be stained or loose lustre)
-

- Some delicate types of glass, porcelain with decorative prints, as prints may fade even after the first wash; some crystal dishes as they may lose their transparency, glued silverware sensitive to high temperatures, lead crystal glass, chopping boards, items made with synthetic fibres;
- Absorbent objects such as a sponge or kitchen cloths are not suitable for the dishwasher.
- Before buying dishes in the future make sure they are dishwasher safe.
- Pursuant to Commission Regulation (EU) 2019/2022, the minimum availability period for spare parts necessary to repair the appliance is 7 or 10 years depending on the type and purpose of the spare part.
- The list of spare parts and the ordering procedure are available on the websites of the manufacturer, importer or an authorized representative.
- For more information about the product, please refer to the EU EPREL Product Database at <https://eprel.ec.europa.eu>. For more information, please use your mobile device to scan the QR code on the energy label or enter the product model listed on the energy label in the EPREL search engine <https://eprel.ec.europa.eu/>

UNPACKING



During transportation, protective packaging was used to protect the appliance against any damage. After unpacking, please dispose of all elements of packaging in a way that will not cause damage to the environment.

All materials used for packaging the appliance are environmentally friendly; they are 100% recyclable and are marked with the appropriate symbol.

Important! Packaging materials (bags, polyethylene, polystyrene, etc.) should be kept away from children during unpacking.

DISPOSAL OF OLD APPLIANCE



In accordance with European Directive 2012/19/EU and local legislation regarding used electrical and electronic goods, this appliance is marked with the symbol of the crossed-out waste container. This marking indicates that the appliance must not be disposed

of together with other household waste after it has been used.

The user is obliged to hand it over to waste collection centre collecting used electrical and electronic goods. The collectors, including local collection points, shops and local authority departments provide recycling schemes.

Proper handling of used electrical and electronic goods helps avoid environmental and health hazards resulting from the presence of dangerous components and the inappropriate storage and processing of such goods.

INSTALL THE APPLIANCE

PLACE YOUR APPLIANCE

- When choosing the place of installation, make sure you will be able to easily load and remove dishes and utensils from the dishwasher.
- Do not place the appliance in a room where the temperature can fall below 0°C.
- Before installing unpack the appliance following the instructions on the packaging.
- When you move the appliance do not handle it by the door or control panel.
- Leave some room on all sides to have convenient access to the dishwasher when cleaning.
- Make sure that when you set the dishwasher you do not crush the water supply and drain hose. Also, make sure that the appliance is not placed on the power cord.
- Level the appliance using the adjustable legs. Proper level ensures trouble-free opening and closing the dishwasher doors.
- If the dishwasher door will not close properly, check that the appliance stands firmly on the floor, if not, adjust using the adjustable legs.

WATER SUPPLY CONNECTION

Make sure that domestic water supply system is suitable for the dishwasher. It is recommended to install a filter in the water supply line to avoid damage to the appliance due to impurities (such as sand, clay, rust, etc.) that occasionally occur in water. This will also prevent accumulation of sediment after dishwashing.

WATER SUPPLY HOSE

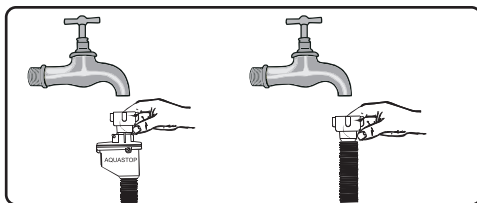


Do not use the water supply hose from the old dishwasher. Use the new water supply hose provided with the appliance. Before connecting, rinse the hose with water. Connect the water supply hose directly to the water feed valve. The domestic water system pressure should be at least 0.04 MPa and up to 1 MPa. If the water pressure exceeds 1 MPa, install pressure reducing valve.

When the connection is ready, open the valve completely and check for leaks. For safety reasons, close the water supply tap after every wash.



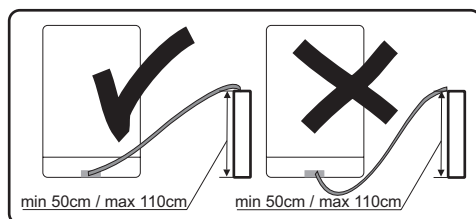
NOTE: Aquastop water supply is used in some dishwasher models. Dangerous voltage could occur with Aquastop. Do not cut the Aquastop water supply. Do not allow it to bend or twist



Note!
For safety reasons, close the water tap after every wash

THE DRAIN HOSE

The drain hose can be connected directly to a water drain or kitchen sink stub pipe. You can also drain the water directly into the sink using the special bracket (if available), placing the drain hose outlet on the kitchen sink edge. The drain hose connection should be made at least 50 cm and up to 110 cm from the floor.



If the drain hose is longer than 4 m, dishes may not be washed properly. The manufacturer will not be held responsible.

ELECTRICAL CONNECTION

Grounded plug must be connected to a grounded power outlet with a proper voltage. If there is no grounding, refer this to a qualified electrician. If you operate the appliance without proper grounding, the manufacturer does not assume any liability for the possible resulting damage.



Domestic electrical system must be protected with a 10-16A fuse.
The appliance must be supplied with 220-240 V AC. If the supply voltage is 110 V, use 3000W, 110/220 V set-up transformer to connect the appliance. Do not connect the appliance during installation.



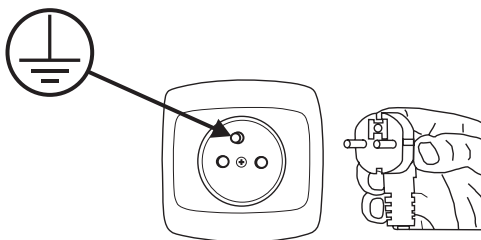
Always use the plug provided with the appliance. When you operate the appliance at lower voltage the dishwashing efficiency will deteriorate and may damage the appliance.

The power cord may only be replaced by authorized service or a qualified electrician. Failure to comply with these rules may lead to an accident.

For safety reasons, you should always unplug the appliance after you have finished using it.

In order not to avoid electric shock, do not remove the plug from the wall outlet with wet hands.

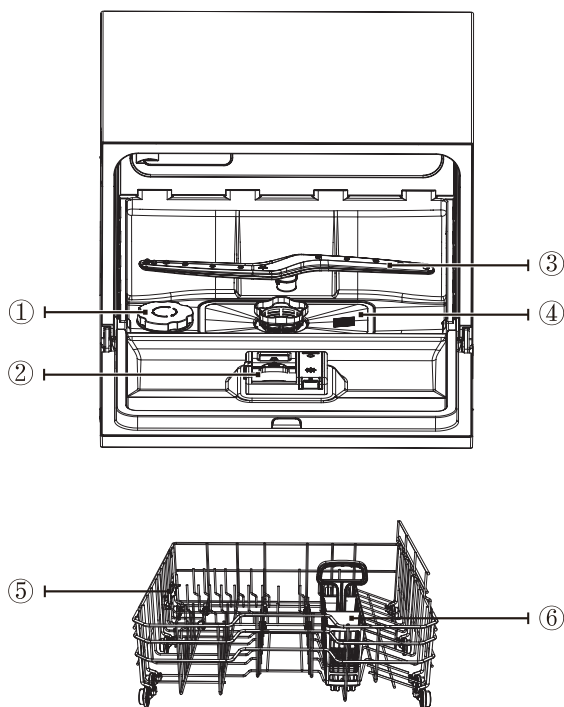
When you unplug the appliance from the wall outlet, always pull the plug. Never pull the power cord.



FEATURES AND COMPONENTS

DESCRIPTION OF THE APPLIANCE

The features and components of the appliance



Features and components:

1. Salt container
2. Dispenser
3. Spray arm
4. Filter assembly
5. Basket
6. Cutlery basket (depends on model)

Accessories:



Operating
instructions

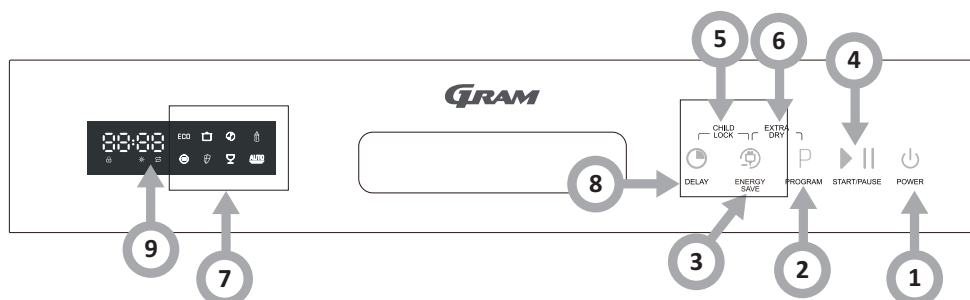


Salt funnel



Water inlet
pipe

CONTROL PANEL



1. On / Off	Press the button to turn on the dishwasher.
2. Programme	Press the button to select the desired program, the corresponding indicator will light up.
3. Extra functions	Select the appropriate extra washing program, the program indicator will be lit. while the machine is on, those extra functions which can be selected will be blinking, indicator will be on after being selected.
4. Start / Pause	Press this button to start/pause a program. *Reset: Press 3 seconds to cancel the existing program and select a new program.
5. Child Lock	Hold down the DELAY key and the ENERGY SAVE key for 3 seconds at the same time, the child lock indicator lights up and enters the child lock state. All keys are locked. Repeat the above steps to exit the child lock state.
6. Extra Dry	Hold down the ENERGY SAVE key and the PROGRAM key for 3 seconds at the same time to start the Extra Dry program. An additional drying time is added to the main washing procedure to make the tableware drier.



NOTE:

Figures are for illustrative purposes only Individual models may vary.

7. Programme indicator	Eco ECO Eco-friendly mode, saving energy and water, suitable for general cleaning needs. Intensive  Powerful cleaning mode, suitable for dishes, pots and pans with heavy stains. Quick  Suitable for cleaning the slightly sticky fresh food residues at the fastest speed. Baby Care  High temperature sterilization, suitable for cleaning baby products. 90 min  90min cleaning mode, suitable for moderately contaminated tableware. Hygiene  Suitable for heavily soiled dishes requiring hygienic washing. Glasscare  Suitable for washing fine glassware. Auto <u>AUTO</u> Automatic detection of tableware fouling degree, suitable for different types of tableware mixed washing.
8. Extra functions	Delay  You can delay the cycle starting time 0-24 hours. Press Delay timer start to change the time and press start button. Note: To change the delay time once the dishwasher has started press power and restart the dishwasher. ENERGY SAVE  It saves energy by reducing the time and temperature during drying. Recommended for a capacity of 8 dishes or less.
9. Warning indicator	Rinse aid  If the indicator shows a low level of rinse aid in the dispenser, add rinse aid. Special salt  If the indicator shows a low level of special salt in the dispenser, add special salt.

PREPARE THE APPLIANCE FOR OPERATION

1

Before first use

- Before using the appliance, verify that the data given on the rating plate matches that of local power outlets.
- Remove all packing materials from inside of the appliance.
- Prepare special salt (water softener).
- Pour water into the special salt dispenser and then add about 1.5 kg of special salt (dishwasher salt).
- Pour rinse aid into the dispenser.

2

The importance of water descaling

A dishwasher requires soft water (with low calcium content) to operate efficiently. Otherwise, white residue may remain on the dishes and inside the appliance. This has a negative impact on the quality of dishwashing, rinsing and drying. When the water flows through the softener, ions responsible for the water hardness are removed, and the water becomes soft, for best dishwashing results. Depending on the degree of water hardness, the ions responsible for water hardness accumulate quickly inside the water softener. Therefore, the water softener must be regenerated to operate with the same efficiency during the next wash. This is why special salt is used in the dishwasher.

3

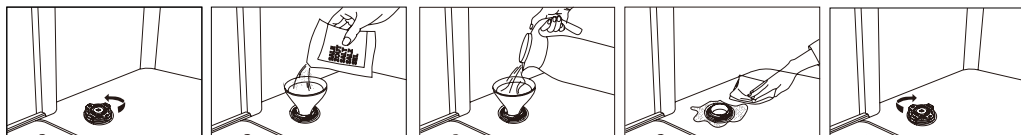
Add special salt

Only use special salt intended for dishwashers.

Only use special salt intended for dishwashers. To protect your dishwasher's water softening system, never use table salt or other types of salt besides those made for dishwashers. Add salt to the dispenser immediately before starting a full wash program. This prevents salt or saltwater from spilling and causing corrosion on the bottom of the appliance. Damage resulting from the use of an incorrect type of salt is not covered under the manufacturer's warranty and the manufacturer accepts no liability for such damage.

Add special salt just before running the washing programme.

This will prevent spilled special salt or salty water from remaining on the bottom of the device, which may cause corrosion.



1. Remove the lower rack from the appliance and unscrew the special salt dispenser cap.
2. Place the end of the funnel (included) in the hole and pour about 1.5 kg of salt.
3. Pour water into the dispenser until full. It is normal that a small amount of water spills out of the special salt dispenser.
4. After you fill the dispenser, screw the cap on.
5. When you fill the dispenser with special salt, the add salt indicator goes out.
6. Start the washing programme immediately after filling the dispenser with special salt (the quick wash is recommended). Otherwise, salty water can damage the filters, the pump or other important appliance components. This is not covered by the warranty.

NOTE:

Add special salt to the dispenser when the  special salt indicator on the control panel lights up. The special salt indicator may remain on even after you have added salt, as it takes time for the salt to dissolve.

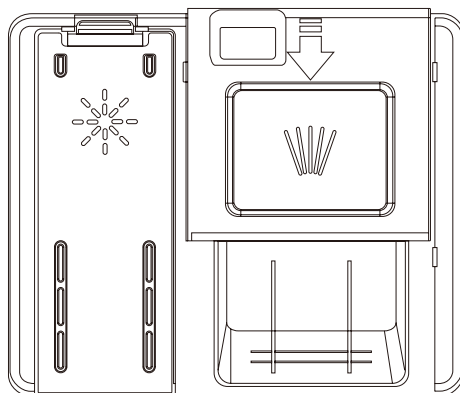
- If your dishwasher model does not have a special salt indicator, you can estimate when to refill the dispenser based on the number of wash cycles run.
- If some special salt spills, run the soaking programme or a quick wash programme.



Use only the special salt intended for dishwashers!

Fill the detergent dispenser

1. Press the button to open the detergent compartment.
2. If using a detergent tablet, place it in the dispenser.
3. If using liquid or powder detergent, add the recommended amount of detergent to the main wash detergent compartment. Use the lines on the main detergent compartment to measure the right amount of detergent. The compartment has markings for 15 ml and 25 ml, allowing you to use the right amount of detergent for either lightly or heavily soiled dishes. To give heavily soiled dishes a more intensive clean, add 5 ml of detergent to the pre-wash compartment.
4. Then close the detergent compartment by sliding the cover in the direction of the arrow.



Please note that the setting may be different depending on the water contamination. Follow the manufacturer's instructions on the detergent packaging.

Multi-component (multitab) detergents (eg. 2-in-1, 3-in-1, etc.)

There are three types of detergents:

1. Containing phosphates and chlorine,
2. Containing phosphates and no chlorine,
3. Containing no phosphates and no chlorine.

The latest tablets are generally phosphate-free. Since phosphates have water softening properties, we recommend adding salt to the container even if the water hardness is only 6°dH. If you use phosphate-free detergent where water is hard, white residue may be visible on the dishes.

You can prevent this by increasing the amount of detergent. Chlorine-free detergents have less bleaching effect. Stains may not be entirely removed. Select the programme with a higher wash temperature.

Generally, using multi-component detergents suitable results are obtained only under certain conditions. Such detergents contain rinse aid and/or special salt in a specific amount. It is recommended to use special salt when using multi-component tablets.

What you should pay attention to when using these tablets.

- Always check the type of detergent used and whether it is a multi-component product.
- Make sure that the detergent used is appropriate for tap water hardness.
- Follow the instructions on the product packaging.
- If the detergent is in the form of tablets, never place it the cutlery basket. Always place the tablet in the detergent dispenser compartment.
- The use of these detergents yields good results only in certain applications. Using this type of detergent you should contact the manufacturer for information about proper use.
- If you use the detergent properly and dishwasher settings are correct you can save on salt and/or rinse aid.
- If dishwashing results while using 2-in-1 or 3-in-1 detergents are not satisfactory (traces of lime scale on the dishes), please contact the detergent manufacturer. The warranty does not cover complaints due to the use of multi-component detergents.



Recommended use: For best results using multi-component cleaning agents, add special salt and rinse aid in the dishwasher and set the water hardness and amount of rinse aid to the lowest setting.

The solubility of the detergent tablets made by different manufacturers can vary with regard to temperature and time. It is therefore not recommended to use detergent tablets in quick programmes. It is recommended to use powder detergents in quick programmes.



Always store detergents in a dry, cool place, out of reach of children. Add detergent to the dispenser immediately before using the appliance.

Warning: If encounter another problem when using a multi-component detergent, please contact the detergent manufacturer.

Stop using multi-component detergents

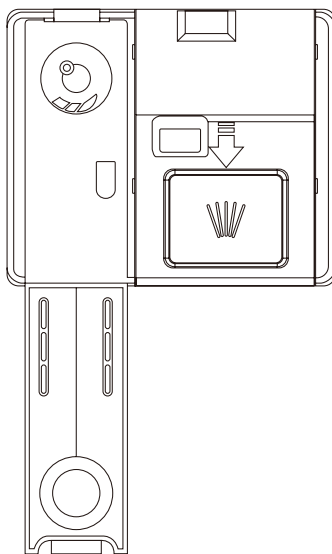
- Add special salt and rinse aid to dispensers.
- Set the water hardness to the highest level (6) and run an empty dishwasher.
- Adjust the water hardness.
- Adjust rinse aid setting.

7

Add rinse aid to the dispenser and adjust setting

Use rinse aid to prevent the formation of white water drops, lime scale spots, white streaks that may occur on the dishes, as well as to improve the drying process. Contrary to popular belief, it not only serves to obtain a shiny dishes, but also to facilitate drying. For this reason, make sure there is always sufficient amount of rinse aid in the dispenser.

To fill the rinse aid compartment, open its lid. Fill the rinse aid compartment to the MAX level and then close the lid. Be careful not to overfill the rinse aid compartment and wipe up any spills. Firmly close the lid until it locks. Rinse aid is automatically added during the final rinse, ensuring thorough rinsing and spot- and streak-free drying.



Note! When closing the detergent container, press marked location on the lid!



Use only branded dishwasher rinse aid. Never fill the rinse aid dispenser with any other substances such as dishwasher cleaner or liquid detergent. This can damage the appliance.

To adjust the amount of rinse aid dispensed during the rinse cycle, follow these instructions before operating the appliance:

Adjust the rinse aid dispenser

To achieve better drying results you can adjust how much rinse aid is used. Follow these steps.

1. Press the Power button to switch on the dishwasher.
2. Within 60 seconds after the appliance was switched on, press the Delay button for 5 seconds while the machine is in standby mode to enter the setting mode, then turn to the default rinse aid level. The factory default setting is R5.
3. To adjust the rinse aid level, press the Delay button, the digital display will show the level information and with each press of the Delay button, the level will cycle through "R1-R2-R3-R4-R5."
4. Once you have selected the desired level, press the power button to save your settings.

Indicators when setting the rinse aid dispensing level
R1
R2
R3
R4
R5

Turn the buzzer sound on / off

By default, the buzzer sound is turned on.

1. Turn on the appliance.
2. Press and hold the Program and Start buttons simultaneously for about 3 seconds to turn off the buzzer. When this setting is activated, the interior light will also not come on when you open the door.
3. To turn the buzzer sound back on, press and hold the Program and Start buttons simultaneously for about 3 seconds.

Note! This function can only be set in standby mode. When you turn your appliance off and on again, the buzzer sound will be on by default.



Warning: Use only rinse aid designed for domestic dishwashers. Wipe up spilled rinse aid with a cloth as it will cause the formation of large amounts of foam, and thus will reduce the dishwashing effectiveness.

Water hardness table

Water hardness	German degrees [dH]	French degrees [dF]	British degrees [dE]	Water hardness level indicator	Special salt consumption [g/cycle]
1	0~5	0~9	0~6	H1	0
2	6-11	10-20	7-14	H2	20
3	12-17	21-30	15-21	H3	30
4	18-22	31-40	22-28	H4	40
5	23-34	41-60	29-42	H5	50
6	35-55	61-98	43-69	H6	60

If the water hardness is higher than the maximum values given in the table above, or if you use water from a deep well, it is recommended to use filters and water treatment equipment.

NOTE: The factory settings are for the water hardness level 3.

The use of detergents

1. Switch on the appliance.

2. To access the water softening settings, press and hold the Start/Pause button for about 5 seconds within the first 60 seconds of turning on the appliance.

The wash cycle lights will flash three times to confirm entry into the settings mode, after which they will display the current water softening level.

Press the Start/Pause button to select the correct water hardness level H1 - H2 - H3 - H4 - H5 - H6 for your area. Once you have selected the suitable setting, turn off the dishwasher to save your selection. Please use the table above to determine the correct water hardness setting.

Use a detergent for domestic dishwashers. On the market you can find detergent intended for dishwashers in the form of powder, gel and tablets. The detergent must be placed in the dispenser before starting the dishwasher. Store detergent in a cool and dry place, out of reach of children.

Do not overfill the detergent dispenser, otherwise the detergent may not dissolve completely and leave streaks on the dishes.

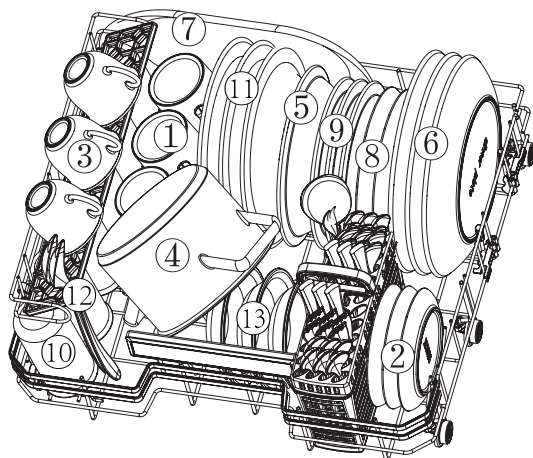
If you need more information on the detergent used, please contact the manufacturer directly.

LOAD DISHES INTO DISHWASHER

Loading the Basket

We recommend that you place large items which are most difficult to clean in to the lower basket: pots, pans, lids, serving dishes and bowls, as shown in the figure below.

Pots, serving bowls, etc. must always be placed top down. Deep pots should be slanted to allow water to flow out. The bottom basket features fold down tine rows so that larger or more pots and pans can be loaded.



1. Mug
2. Saucer
3. Cup
4. Small pot
5. Melamine bowl
6. Dinner plate
7. Oval platter
8. Dessert dish
9. Dessert plate
10. Glass
11. Soup plate
12. Serving-spoon
13. Dessert bowl

The standard load and test results

Capacity:

The upper and bottom rack: 6 place settings. Set the upper rack to the upper position. Place the cups on the shelves.

Detergent/rinse aid

in accordance with EN 60436 international standard / rinse aid dose: max

Test programme

Eco, in accordance with the EN 60436 international standard

TURN ON THE APPLIANCE AND SELECT PROGRAMME

1

Turn on the appliance

1. Slide out the upper and lower the rack, place the dishes inside and slide racks back in the dishwasher.
It is recommended to first load the lower rack and then the upper rack.
2. Pour detergent.
3. Insert the plug into the wall outlet. Make sure that the water supply is turned on and set to the maximum pressure.
4. Close the door. Press the power button.
5. Press the Program button to select adesired "Wash program". And press the Start/pause button.

NOTE: A click could be heard when the door is closed perfectly.

2

Change programme

- Premise: A cycle that is underway can only be modified if it has only been running for a short time. Otherwise, the detergent may have already been released, and the appliance may have already drained the wash water. If this is the case, the detergent dispenser must be refilled (see the section entitled "Fill the detergent dispenser").
2. During the washing process, press the Power button to turn off the machine.
 3. Press the Power button again to turn on the machine, then you can change the programme to the desired cycle setting.

NOTE: If you open the door when washing, the machine will pauses and the countdown pause. When you close the door, press the Start/Pause button, the machine will keep on working after 10 seconds.

3

Add dishes during the programme:

- You can add extra dishes at any time before detergent is released. In this case, follow the instructions below:
1. Press the Start/Pause button to stop the washing.
 2. After the spray arms stop working, you can open the door completely.
 3. Add forgotten dishes.
 4. Close the door, press the Start/Pause button, the dishwasher will work after ten seconds.



WARNING:

Be careful when opening the door during the dishwashing programme as hot steam can be released and cause scalding. Opening the dishwasher door during a cycle will cause the appliance to stop automatically.

4

The dishwashing programme completes

After the program has finished running, the buzzer will emit three short beeps, sounding like "beep, beep, beep". And it will be extinguished if without any further operation, and the machine will be switched off automatically after 3 minutes.

Open the door carefully. Hot steam may escape when you open the appliance door.

Hot dishes are more susceptible to breakage. Before unloading the dishwasher leave the dishes to cool for about 15 minutes.

Open the dishwasher door, leave it ajar and wait a few minutes before removing the dishes. This will allow the dishes to cool and dry.

Unload the dishwasher

It is normal that the dishwasher interior is wet.

First remove dishes from the lower rack and then from the upper rack. This will avoid water dripping from the upper rack on the dishes in the lower rack.

5

Auto Open Door

The dishwasher door opens automatically, which improves the drying results. Wait until the dishwasher indicates that the program has ended and the dishes have cooled before unloading the dishwasher. The drying time for the Auto open option varies between programs.

NOTE: For the best drying results, do not close the door before the drying phase has finished and the machine has automatically switched off. At the end of the program, the door will open. Do not try to close the door to avoid damaging the automatic door mechanism. The door must remain open for 30 minutes to be effective drying. (If the program includes an automatic door opening system, the automatic door opening timing may vary depending on the selected program.)

6

Auto open function can be switched off

Hold down DELAY key and PROGRAM key for 3 seconds at the same time, the digital display will show 0:FF, and blink for 3 times.

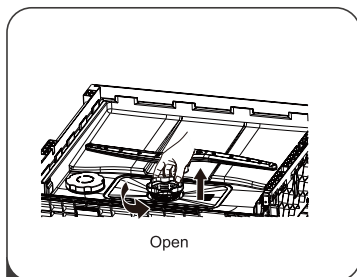
If you want to switch on the function, hold down DELAY key and PROGRAM key for 3 seconds at the same time, the digital display will show , and blink for 3 times. (All these operations need to be done before washing programme is selected.)

CLEANING AND CARE

1

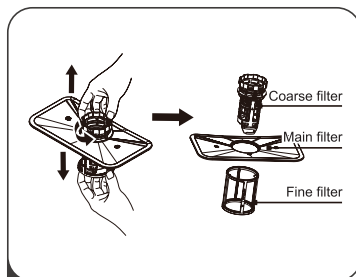
Before beginning any care or maintenance, you should always disconnect the appliance from the electricity supply, and also turn off the water supply.

Filter system



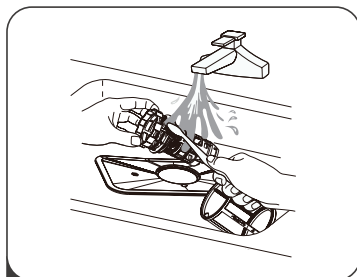
1

Hold the coarse filter and rotate it anticlockwise to unlock the filter. Lift the filter upwards and out of the dishwasher.



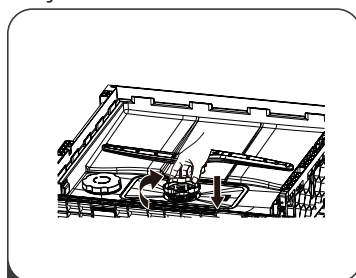
2

The fine filter can be pulled off the bottom of the filter assembly. The coarse filter can be detached from the main filter by gently squeezing the tabs at the top and pulling it away.



3

Larger food remnants can be cleaned by rinsing the filter under running water. For a more thorough clean, use a soft cleaning brush.



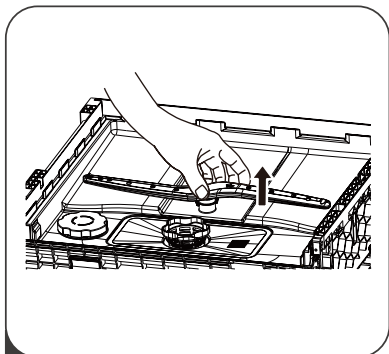
4

Reassemble the filters in the reverse order of the disassembly, replace the filter insert, and rotate clockwise to the close arrow.

1. Never run a programme without the filters in place.
2. Incorrect fitting of the filters may reduce wash performance and potentially damage your appliance.
3. When cleaning the filters, don't knock on them. Otherwise, the filters could be contorted and the performance of dishwasher could be debased.

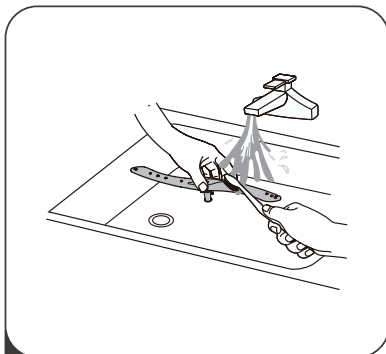
Cleaning the Spray Arms

It is necessary to clean the spray arms regularly for hard water chemicals will clog the spray arm jets and bearings.



1

To remove the spray arm, pull out the spray arm upward.



2

Wash the arms in soapy and warm water and use a soft brush to clean the jets. Replace them after rinsing them thoroughly

Clean the dishwasher

Frost protection

In winter, the dishwasher must be protected against freezing temperature. After each wash:

1. Disconnect the dishwasher from power.
2. Turn off the water supply and disconnect the water inlet hose from the water valve.
3. Drain the water from the inlet hose and the water valve. (Collect the water in a bowl)
4. Reconnect the water inlet hose to the water valve.
5. Remove the filter and use a sponge to collect the water from the bottom of the dishwasher.

After each wash

After each wash, close the water supply to the appliance and leave the door slightly ajar, so that moisture and odours are not trapped inside.

Unplug the appliance

Always unplug the appliance from the wall outlet before any cleaning and maintenance.

Do not use solvents or abrasive detergents.

Do not use solvents or abrasive detergents to clean the outer parts and the rubber seals of the dishwasher. Use only cloths and warm soapy water.

To remove stains from the inside use a cloth dampened with water and a little vinegar or cleaning detergent intended specifically for dishwashers.

If the dishwasher is not used for a long time

It is recommended to run the washing programme with an empty dishwasher, then unplug the appliance from power, close the water supply and leave the door slightly ajar. This protects the gaskets and prevents the formation of unpleasant odours in the appliance.

Move the appliance

If the appliance needs to be moved, try to keep it in an upright position. If absolutely unavoidable, you can rest the appliance on the back wall.

ERROR CODES AND TROUBLESHOOTING

In the event of a fault, the dishwasher displays error codes that identify the problem:

ERROR CODES

ERROR CODE	DISADVANTAGES
E1	Overfill/leak
E2	Water inlet malfunction
EA	Abnormal communication
Ed	Drain pump malfunction
Ec	Washing pump malfunction

WARNING:

- If overflow occurs, turn off the main water valve before calling for service.
- If there is water in the bottom tray due to overflow or a small leak, empty the water before starting the dishwasher.

For E2, please check Troubleshooting TIPS first before calling for service.

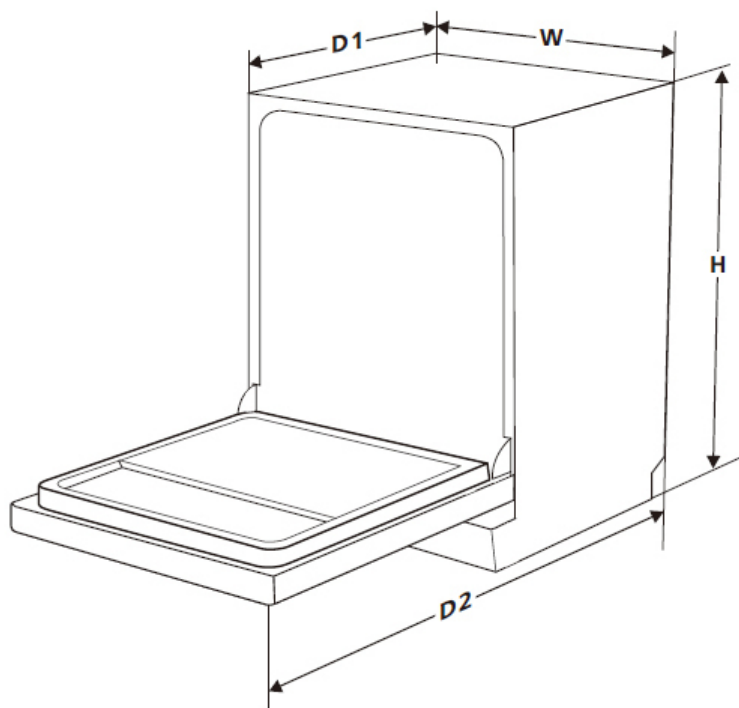
For E1, turn off the main water supply before calling a service.

For EA, Ed, Ec, please call for service.

Problem	Possible cause	Solution
The dishwasher will not start	The dishwasher will not start	The dishwasher door is open – close the door.
	The appliance is not connected to the mains power The Delay start function is selected	Close the door carefully, make sure it is closed fully
	Child Lock is enabled (selected models)	Turn off the Child Lock
The dishwasher beeps at the end of the wash cycle	It indicates the end of the wash programme and emits a beep	
The rinse aid indicator is on	The LED display shows "Lsb"	Add rinse aid
The wash cycle takes too long	The dishwasher is connected to hot water	Check the dishwasher, make sure it is properly connected to hot water
	The duration of the wash programme varies depending on how soiled the dishes are	When heavy soil is detected, auto and normal programmes, automatically extend the wash cycle duration
	The disinfection option has been selected	When you select the disinfection option, the wash cycle time will be extended to reach the disinfection temperature
The dishes are not clean enough	The water pressure is temporarily low	Use a dishwasher when the pressure is normal
	The temperature of the inlet water is low	Ensure that the dishwasher is connected to hot water. Try not to use the dishwasher if hot water is used elsewhere in the household
	The dishes are arranged too close together. The detergent is used incorrectly	Rearrange the dishes in accordance with the instructions. Use the amount of detergent suitable for the water hardness and the selected wash programme. Use a new/different detergent
	The selected wash programme is not suitable for the level of soil on the dishes	Select a different, more intensive/longer wash programme
	The spray arm rotation is blocked	Make sure that the spray arm rotates freely

Problem	Possible cause	Solution
The dishwasher will not start	The dishwasher will not start	Close the door carefully, make sure it is closed fully
	The appliance is not connected to the mains power The Delay start function is selected	Check the connection to the power supply To change the setting, refer to the Start Delay section in the operating instructions
	Child Lock is enabled (selected models)	Deactivate the Child Lock function, refer to the Child Lock section in the operating instructions.
The dishes are not dry enough	The detergent dispenser is empty	Fill the rinse aid dispenser or increase the dispensed amount
	Dishes placed incorrectly in the dishwasher	Rearrange the dishes in accordance with the instructions.
	The selected programme does not include the drying stage	Select the wash program that includes drying
Stains and deposits on dishes	Water too hard	In the case of very hard water, a water softener should be installed
	Dishes placed incorrectly in the dishwasher	Rearrange the dishes in accordance with the instructions.
	An old rinse aid was used	Use new rinse aid
	Rinse aid dispenser is empty	Add rinse aid to the dispenser
	Too much detergent	Use less detergent if water is soft
	The temperature of water supplied to the dishwasher exceeds 70°C	Reduce the temperature of the water supply
The detergent was not fully released from the dispenser	The detergent may be too old	Use a new/different detergent
	The spray arm rotation is blocked	Rearrange the dishes making sure that the spray arm rotation is not restricted
The detergent dispenser will not close	The lid of the detergent dispenser is malfunctioning	Add detergent and rinse aid according to the instructions
The water was not drained from the dishwasher	The previous programme was not completed or was interrupted	For information on how to select a suitable wash programme, please refer to the operating instructions
	Leftover food or glass has blocked the pump.	Remove foreign body

Problem	Possible cause	Solution
The dishwasher does drain the water properly	The drain is clogged	Check the air trap.
	The drain hose is bent	Make sure that the drain hose is correctly connected to the drain
Foam in the dishwasher	The wrong detergent was used	Make sure that the detergent used is suitable for dishwashers
The dishwasher is leaking	The use of the wrong detergent resulted in a deposit	Make sure that the detergent used is suitable for dishwashers
	The dishwasher is not levelled	Level the dishwasher
Black or grey streaks on the dishes	The aluminium dishes rubbed against the plates.	Rearrange the dishes
The interior of the dishwasher is stained	Coffee and tea grounds	Use a certified stain removal agent
	A reddish stain	Load the dishes and run the rinsing programme which will reduce the stain formation
Noise	Noise of the detergent dispenser lid opening or water drain pump operating	This is normal.
	A hard object in the dishwasher's system. When the object drops to bottom, the noise should stop	If the noise continues after the full wash cycle, call service.
The appliance does not fill with water	The water tap is shut off	Check that the water tap is open
	The door lock may not be engaged	Make sure that the door is closed.



Height [mm] [H]	460 mm
Width [mm] [W]	555 mm
Depth [mm] [D1]	500 mm (with the door closed)
Depth [mm] [D2]	820 mm (with the door open 90°)

For more information about the product, please refer to the EU EPREL Product Database at <https://eprel.ec.europa.eu>. For more information, please use your mobile device to scan the QR code on the energy label or enter the product model listed on the energy label in the EPREL search engine <https://eprel.ec.europa.eu/>

WARRANTY AND AFTER-SALES SERVICE

Warranty

Warranty service as stated on the warranty card. The manufacturer shall not be held liable for any damage caused by improper use of the product.

Service

- The manufacturer recommends that all repairs and adjustments be carried out by the Factory Service Technician or the Manufacturer's Authorised Service Point. For safety reasons, repairs should be referred to professionals.
- Repairs carried out by unqualified persons may seriously endanger the appliance user.
- Pursuant to Commission Regulation (EU) 2019/2022, the minimum availability period for spare parts necessary to repair the appliance is 7 or 10 years depending on the type and purpose of the spare part.
- The list of spare parts and the ordering procedure are available on the websites of the manufacturer, importer or an authorized representative.
- The minimum warranty period for the appliance offered by the manufacturer, importer or authorized representative is given in the warranty card.
- The warranty shall be void if you make any independent adaptations or alterations, tamper with seals or other appliance safety devices or its parts or interfere with the appliance contrary to operating instructions.

In the event of appliance malfunction, request assistance or repair.

If your appliance needs repair, please contact the service centre. Please see warranty information for address and contact details of our service centre. Before contacting us, please have ready the appliance serial number, which can be found on the identification sticker. For your convenience, please write it down below:

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