

Operating instructions

Adora SL fully integrated and design integrated

Dishwasher

Thank you for choosing to buy one of our products. Your appliance is made to high standards and is easy to use. Nevertheless, please take the time to read these operating instructions in order to familiarise yourself with the appliance and get the best use out of it.

Please follow the safety precautions.

Modifications

Text, diagrams and data correspond to the technical standard of the appliance at the time these operating instructions went to press. The right to make technical modifications for the purpose of the further development of the appliance is reserved.

Validity

The product family (model number) corresponds to the first alphanumeric on the identification plate. These operating instructions apply to:

Model	Type	Product family	Size system
Adora 55 SL	GS 55SLdi	41001	SMS 55
Adora 55 SL	GS 55SLVi	41002	SMS 55
Adora 55 SL	GS 55SLGdi	41003 / 41040	SMS 55
Adora 55 SL	GS 55SLGVi	41004 / 41041	SMS 55
Adora 60 SL	GS 60SLdi	41005	EURO 60
Adora 60 SL	GS 60SLVi	41006	EURO 60
Adora 60 SL	GS 60SLGdi	41007 / 41042	EURO 60
Adora 60 SL	GS 60SLGVi	41008 / 41043	EURO 60
Adora 60 SLWP	GS 60SLWPdi	41009	EURO 60
Adora 60 SLWP	GS 60SLWPVi	41038	EURO 60

Variations depending on the model are noted in the text.

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1 Safety precautions

1.1 Symbols used



**Denotes important safety precautions.
Failure to observe said precautions can result in injury or in damage to the appliance or fittings!**



Information and precautions that should be observed.



Information on disposal



Information about the operating instructions

- ▶ Indicates step-by-step instructions.
 - Describes how the appliance reacts to the steps taken.
- Indicates a list.

1.2 General safety precautions



- Read the operating instructions before using the appliance for the first time!



- This appliance can be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and/or knowledge, provided they are supervised or have been instructed on the safe use of the appliance and have understood the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be undertaken by children without supervision.
- If an appliance is not equipped with a mains cable and a plug or other means for disconnecting from the mains with a contact opening on each pole complying with the conditions of overvoltage category III for full isolation, an isolating device must be incorporated into the permanently installed electrical installation in accordance with the installation regulations.
- If the mains cable of this appliance is damaged, it must be replaced by the manufacturer or its Customer Services or a similarly qualified person in order to avoid hazard.

1.3 Appliance-specific safety precautions

- The appliance is only suitable for washing household dishes and cutlery with water and standard dishwasher detergent. The appliance is for use in the home and for the intended purpose only. No liability is assumed for any damage caused by improper or incorrect use.
- Children under 3 years of age must be kept away from the appliance unless they are constantly supervised.
- Under no circumstances use a steam cleaner to clean this appliance.
- Ensure that any ventilation openings in the base of the appliance are not obstructed by carpet.
- Only leave the appliance door open in the at-rest position. An open appliance door poses a danger of tripping or injury! Do not sit or rest on the appliance door or use it as a storage surface.
- CAUTION: Knives and other objects with sharp points must be placed into the basket with the points facing downwards or be laid down horizontally in the basket.
- CAUTION: Do not drop or insert any knives, forks or other pointed objects into the door lock opening.
- Ensure no cleaning agent gets into the door lock opening. This can cause the door lock to malfunction.

1.4 Instructions for use

Before using for the first time

- The appliance must be installed and connected to the electricity supply in accordance with the separate installation instructions. Have a qualified fitter/ electrician carry out the necessary work.



The appliance was tested with water before being shipped. There may therefore still be traces of water left in the appliance.

Correct use

- Any repairs, modifications or manipulations to the appliance, especially any electrically live parts, may only be carried out by the manufacturer, its Customer Services or a similarly qualified person. Repairs if carried out incorrectly may cause serious injury, damage to the appliance and fittings, as well as affect the functioning of the appliance. If the appliance is not working properly or in case of a repair order, follow the instructions given in the «Service & Support» section. Please contact our Customer Services if necessary.
- Use original spare parts only.
- Retain these operating instructions for future reference.

Children in the home

- The water in the appliance is not to be used as drinking water. Detergent residue in the appliance could cause eye or skin irritation! Keep children away from the open appliance.

Note on use




Switching off the power to the appliance disables the built-in overflow protection system.

Dishwasher detergents are strongly alkaline. They can be extremely dangerous if swallowed. Avoid contact with the skin and eyes and keep children away from the dishwasher when the door is open. Check that the detergent receptacle is empty after completion of the wash cycle.

- Use the childproof locking facility.

1 Safety precautions

- If the appliance is visibly damaged, do not use it. Contact our Customer Services.
- If the appliance is not operating properly, disconnect it from the power supply immediately.
- Before closing the appliance door and starting a programme ensure that there are no foreign objects or pets in the appliance. Foreign objects, such as nails and paper clips, can damage parts of the appliance as well as the dishes.
- Only use detergent, rinse agent and regeneration salt explicitly recommended for use with your appliance by the manufacturer in its instructions for use. Follow the corresponding instructions for use carefully.
- Do not use the appliance without any or too little detergent – risk of causing damage to the appliance!
- Do not use washing-up liquid as it can cause excessive foaming, causing your appliance to malfunction.
- After filling the salt reservoir, run the  programme without dishes.
- Never fill the rinse agent reservoir or the regeneration salt reservoir with detergent. If this were to happen, however, do not operate the appliance under any circumstances, as this could cause expensive damage to it. Call Customer Services.
- Never operate the appliance without the filter system in place.
- Only use soft materials for cleaning beneath the filter system. Never use metal objects for cleaning.

Caution: Risk of burns!

- Do not wash objects that are soiled with inflammable or corrosive solvent, paint, wax, chemicals (acids or bases) or iron chippings or that can shed fibres in the appliance.
- Avoid opening the appliance door unnecessarily during operation. The dishes and water may be hot – scalding hazard! The steam that escapes can damage wood combination fascias. Spectacles can steam up, impairing your vision.

Caution: Risk of injury!

- Do not lean on any part of the appliance – risk of accident!
- Keep pets away from the appliance.

Caution: Risk to life!

- Packaging material, e.g. plastic film and polystyrene, can be dangerous for children. Danger of suffocation! Keep packaging material away from children.

How to avoid damaging the appliance

- Turn off the water tap during longer absences.
- Please note: The appliance must be connected to the mains supply to ensure appliance protection (overflow protection, among other things).



The door must not be closed when **Automatic door opening /**

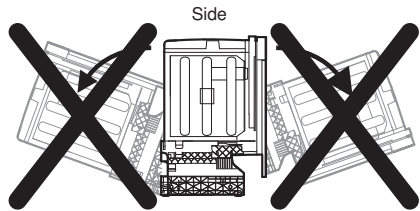
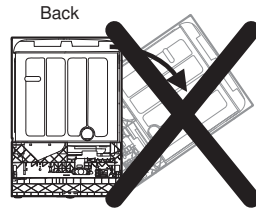
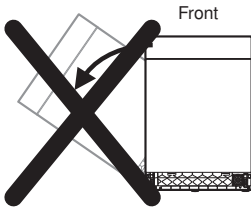
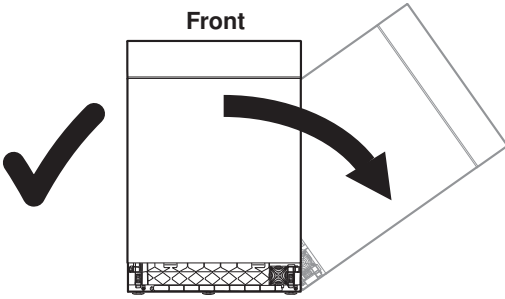
Do not close the door! appears in the display, otherwise the door opener can get damaged.



Refill the salt reservoir with regeneration salt when the **S refill indicator illuminates, even if using **all in 1** detergent.**

- Transport the appliance in an upright position only! Transporting it in any other position will result in damage to the appliance! When carried carefully without being shaken, the appliance may be tilted a maximum of 90° to the left (viewed from the front).

1 Safety precautions



2 Disposal

Packaging

- All packaging materials (cardboard, plastic film (PE) and polystyrene (EPS)) are marked and should, if possible, be collected for recycling and disposed of in an environmentally friendly way.

Disconnection

- Disconnect the appliance from the mains. With a fixed appliance, this is to be carried out by a qualified electrician!


Safety

- Disable the appliance to prevent accidents caused by improper use, especially through children playing.
- Pull the plug out of the mains socket or have the appliance disconnected from the mains by an electrician. Then cut the mains cable off flush with the appliance.
- Remove or disable the lock on the appliance door.

Disposal

- The old appliance should not be discarded as worthless rubbish. If disposed of correctly, the raw materials can be recovered for recycling.



- The  symbol on the identification plate warns that the appliance may not be disposed of in normal household waste.
- The appliance must be disposed of in accordance with local regulations on waste disposal. For more information on the handling, disposal and recycling of the product, please contact the local authorities, the local recycling facilities for household waste or the retailer from whom you purchased the appliance.

Note on heat pump

This appliance is CFC-free (the cold circuit contains R134a).

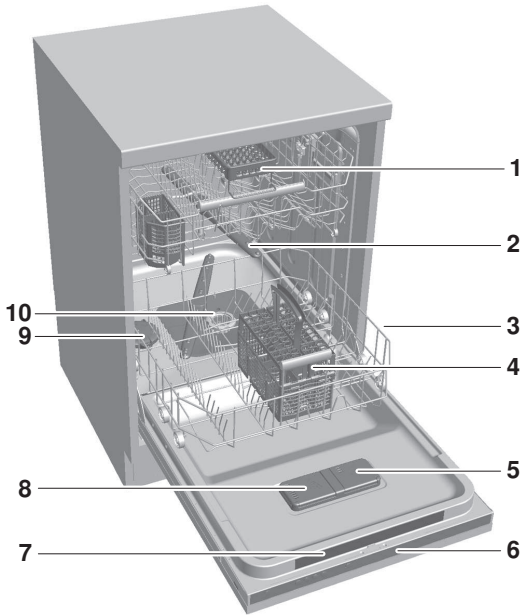
3 Your appliance

3.1 Appliance description

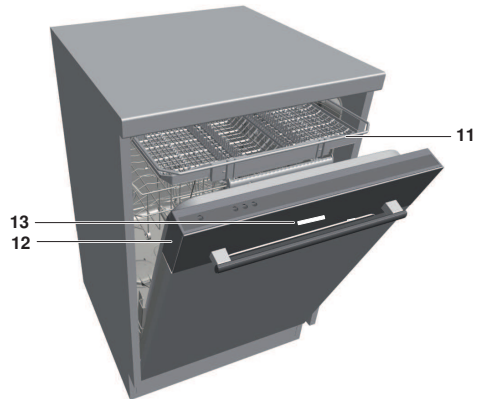
- Load capacity
 - 12 or 13 international place settings (SMS 55, cutlery drawer) *
 - 13 or 14 international place settings (EURO 60, cutlery drawer) *
- 10 programmes
 - «Automatic»
 - «Daily quick»
 - «Sprint»
 - «Glass»
 - «Intensive»
 - «Fondue/Raclette»
 - «Hygiene»
 - «Pre-rinsing»
 - «Appliance hygiene»
 - «Economy programme»
- Additional functions
 - «Energy saving»
 - «SteamFinish»
 - «Partial load»
 - «Delayed start»
- Language selection
- «All in 1» detergent
- Childproof lock
- Acoustic signal
- Interior LED illumination
- Function light * (for fully integrated Adora SL)
- Plain text display
- Hot water connection
- Automatic water softener with limescale sensor
- Water hardness control
- Automatic rinse agent dosage
- Soil sensor
- Heat pump *

* Depending on model

3.2 Appliance construction



- 1 Vario cutlery basket insert *
- 2 Spray arm
- 3 Basket
- 4 Cutlery basket *
- 5 Rinse agent reservoir
- 6 Operating and display elements
- 7 Quick operating instructions
- 8 Detergent dispenser
- 9 Salt reservoir
- 10 Filter system
- 11 Cutlery drawer *
- 12 Function light *
- 13 Plain text display on glass panel *



* Depending on model

3.3 Operating and display elements



Programme buttons

- ▶▶▶ Programme selection
- 🌿 Economy programme
- ▶ End of programme

Additional functions (buttons)

- 🌿 Energy saving
- 🕒 Partial load
- 👉 SteamFinish
- 🕒 Delayed start

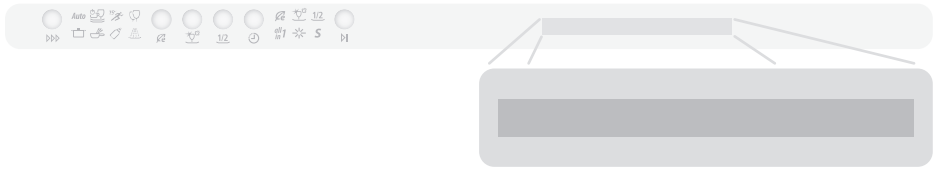
Programme symbols

- Auto** Automatic
- 👉 Daily quick
- 👉 Sprint
- 👉 Glass
- 👉 Intensive
- 👉 Fondue/Raclette
- 👉 Hygiene
- 👉 Pre-rinsing

Additional functions/indicators (symbols)

- 🌿 Energy saving
- 🕒 Partial load
- all in 1 «All in 1» detergent
- 🌟 Rinse agent refill indicator
- S Salt refill indicator

Display (plain text display)



Various information appears in the display during the programme selection and the programme sequence:

- Programme name with duration/temperature
- Programme progress and time remaining
- Additional functions
- Delayed start
- Childproof lock
- Hints and trouble-shooting

Acoustic signal

An acoustic signal is emitted at the end of the programme and in the event of a malfunction.

Function light *

- illuminates during the programme sequence
- flashes during the final drying phase

* Depending on model

4 Programme overview

4.1 Programmes

Auto Automatic

Optimum cleaning results with minimal water and energy consumption. For normal soiling. Not suitable for burned-on or heavily dried-on soiling.



Daily quick

Quick programme for normal soiling. Cleans with higher spray pressure.



Sprint

Quick programme for light soiling, e.g. aperitif dishware and tea and coffee cups and saucers. With the «All in 1» setting, the programme is extended by 10 minutes. Not suitable for slowly dissolving tabs.



Glass

Gentle programme for glasses.



Intensive

For heavy soiling. Particularly suitable for starchy soiling (mashed potato, rice...).



Fondue/Raclette

For heavy soiling. Particularly suitable for burned-on soiling (fondue and raclette pans, gratin dishes...). Only use dishwasher-safe fondue pans. Add detergent to the pre-rinsing compartment to improve the cleaning results.



Hygiene

Where hygiene requirements are high (baby bottles, cutting boards...), items can be cleaned at a higher temperature. Clean the filter system before starting the programme. For cleaning the appliance and the water outlet thoroughly.



Pre-rinsing

To prevent soiling drying on if intending to start a programme later.



Appliance hygiene

The appliance and in particular the storage tank are rinsed hygienically clean. Before starting a programme, clean the filter system and add detergent to the reservoir.



Economy programme

Most efficient programme in terms of water and energy consumption for normally soiled tableware (declaration programme).

4.2 Additional functions



Energy saving

Reduces the wash temperature during cleaning by 5 °C, providing energy savings of about 10% and gentle washing for glassware.

For appliances with a heat pump, up to a certain wash temperature only the heat pump is used for heating, reducing energy consumption overall by up to 30% and extending the programme duration.



SteamFinish

An active steam phase runs while rinsing with rinse agent. The steam hits the dishes and produces optimum, sparkling drying results. The programme duration is extended by about 15 minutes.



Partial load

With partial load, the programme is adapted to the smaller load. The quantity of water is reduced significantly, saving between 1 and 6 l of water.



With the additional «Partial load» function, the programme duration is shortened by up to 30 minutes.



Delayed start

The delayed start allows you to wash during off-peak hours (e.g. at off-peak electricity rates). A delayed start of between 30 minutes and 24 hours can be set. The delayed start duration last entered is shown as a suggestion.

5 User settings

5.1 Changing user settings

User settings can only be changed when no programme is running. The procedure is generally the same for all settings.

Changing user settings

- ▶ Hold the **▶|** button depressed (for about 5 seconds) until in the display appears: **User settings**
- ▶ Press the **▶|** button repeatedly until the required setting appears in the display.
- ▶ To change, press the **▶▶▶** button.
 - The setting is accepted.

Exiting user settings

- ▶ Press the **▶|** button repeatedly until in the display appears: **Configuration saved**





If no button is pressed within about 15 seconds, the user settings are saved and the display goes out.

Possible settings

The following diagram gives an overview of the possible user settings.

Hold the  button depressed for 5 seconds

User settings

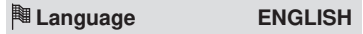
 Language	ENGLISH	<ul style="list-style-type: none"> Select desired language
Contrast		<ul style="list-style-type: none"> 7 selectable levels
Acoustic signal	HIGH	<ul style="list-style-type: none"> Off Low ** High
All in 1	OFF	<ul style="list-style-type: none"> Off ** On
Childproof lock	OFF	<ul style="list-style-type: none"> Off ** On
Rinse agent	AUTOMATIC	<ul style="list-style-type: none"> Automatic ** Off 1..2..12
Water hardness unit	°fH	<ul style="list-style-type: none"> °fH ** °dH
Water hardness	AUTOMATIC	<ul style="list-style-type: none"> Automatic ** 13 selectable levels (°fH) 13 selectable levels (°dH)
Hot water	NO	<ul style="list-style-type: none"> No ** Yes Without heating
Temperature unit	°C	<ul style="list-style-type: none"> °C ** °F
Storage duration of the tank	36h	<ul style="list-style-type: none"> Off 12h, 24h, 36h **
Automatic door opening	YES	<ul style="list-style-type: none"> No Yes **
Interior illumination	10min	<ul style="list-style-type: none"> Off 1, 2, 5, 10**, 20 min
Heat pump *	ON	<ul style="list-style-type: none"> Off On **
Factory settings	NO	<ul style="list-style-type: none"> No ** Yes

* Depending on the model

** Factory setting





5.2 Language

The language in the display can be changed.



Changing the language (see page 20)

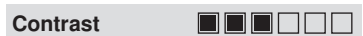
Resetting the language

- ▶ With the hob switched off, hold the  and  buttons depressed for 10 seconds.
 - User settings are started and the language setting appears in the display in a predefined language.
- ▶ Press the  button repeatedly until the required language appears in the display.
- ▶ Press the  button repeatedly until in the display appears:





5.3 Contrast

With this function, the contrast of the display can be changed.



Changing the contrast (see page 20)

- ▶ Increase contrast: De- Button 
- crease contrast: Button 

5.4 Acoustic signal

An acoustic signal is emitted at the end of a programme and if the appliance malfunctions.

Acoustic signal

LOW

It can be set at one of three levels («Off», «Low», «High»).



In the event of a malfunction, an acoustic signal is emitted even if it is set to off.

If a delayed start has been set, no acoustic signal is emitted at the end of the programme.

Changing the loudness (see page 20)

5.5 «All in 1» detergent

The «All in 1» setting adapts the programme for use with detergent with integrated salt and rinse agent function in an optimal way.

All in 1

OFF



If the S or  refill indicators illuminate, still refill with regeneration salt or rinse agent.

- *all in 1* products can only be used up to a certain water hardness.
- The duration of very short programmes is extended because *all in 1* detergent takes longer to dissolve.

Setting for «All in 1» detergent (see page 20)

5.6 Childproof lock

The childproof lock prevents a programme from being started accidentally.

Childproof lock **OFF**

When the childproof lock is on, a programme can only be started by pressing two buttons simultaneously.

Setting the childproof lock (see page 20)

5.7 Rinse agent dosage

The rinse agent dosage is automatically adjusted to the load level and the water hardness.

Rinse agent **AUTOMATIC**

If the drying result is unsatisfactory, then the dosage can be switched off manually («Off» setting) or set to one of 12 levels.

- If the dishes are still wet or there are water spots, set the dosage to level 6 or higher.
- If the dishes are streaky, set the dosage to level 3.

Setting the rinse agent dosage (see page 20)

5.8 Water hardness

The built-in water softener removes limescale from the water, enabling problem-free cleaning. Automatic regeneration occurs at regular intervals, thus guaranteeing its effectiveness.

Your appliance is equipped with an automatic limescale sensor. Configuring the level of water hardness is therefore not necessary. The appliance automatically starts the regeneration process at the right time.

After regeneration, the next programme starts by rinsing out the water softener by pumping water through it and draining simultaneously.

For hygiene reasons, regeneration salt is also recommended for use with low water hardness and **all in 1** detergents.



For information on the level of water hardness in your area, contact your local water authority.

5 User settings

The unit of water hardness can be set to the French degree of water hardness (°fH) or the German degree of water hardness (°dH).

Water hardness unit °fH

Setting the water hardness unit (see page 20)

The water hardness setting can be changed to suit local conditions.

Water hardness **AUTOMATIC**

Setting the water hardness (see page 20)



The water softener is deactivated at level 0-5 °fH or 0-3 °dH.

Levels of water hardness

Possible settings in °fH (French degree of water hardness)

Automatic	0	6	11	16	21	26	31	36	41	51	61	71	81
	–	–	–	–	–	–	–	–	–	–	–	–	–
	5	10	15	20	25	30	35	40	50	60	70	80	120

Possible settings in °dH (German degree of water hardness)

Automatic	0	4	7	10	13	15	17	20	23	28	33	39	46
	–	–	–	–	–	–	–	–	–	–	–	–	–
	3	6	9	12	14	16	19	22	27	32	38	45	65

Settings for external ion exchanger (water softener)

The appliance must be set up for a 0-5 °fH level of hardness if:

- the hardness of the water intake is 40 °fH or above before passing through the ion exchanger.



Ensure that the water used in the appliance passes through the ion exchanger. Otherwise no settings have to be made. The appliance automatically adjusts to the water hardness.

5.9 Hot water connection

The available hot water is used optimally.

Hot water

No

If the water intake is still too cold, a short pre-rinse is carried out. The cleaning phase with hot water follows. If the additional energy saving function is selected, the water is heated up further electrically to only a minimum temperature, reducing energy consumption further.

Setting the hot water connection (see page 20)

«NO HEATING» setting

The water is not heated up further by the integrated heating element. For this reason, this setting should only be selected if a water inlet temperature of 60 °C is ensured. Satisfactory cleaning and drying results are not guaranteed at a lower temperature.

5.10 Temperature unit

The unit of temperature can be set to degrees Celsius [°C] or degrees Fahrenheit [°F].

Temperature unit

°C

Changing the unit of temperature (see page 20)

5.11 Storage duration of tank

If the quality of the last rinse water allows, it is stored in a tank and used for the next programme.

Storage duration of the tank 36h

After the duration set, the water is drained and pumped off. This procedure is carried out when the appliance is powered off and may create some noise.

- In the display appears: **Emptying the tank...**
- It is possible that for several minutes no programme can be selected.

If this function is switched off no rinse water will flow into the tank.



After running programmes around 20 times, the tank is rinsed with hot water. This extends the duration of the programme by around 30 minutes. **with rinsing of the tank** appears briefly during programme selection.

Changing the storage duration of the tank (see page 20)

5.12 Automatic door opening

The automatic door opening provides optimum drying results with low energy consumption.

Automatic door opening YES

The appliance door automatically opens slightly during the drying or final drying phases. The automatic door opening can be switched off, which extends the duration of the programme by around 10 minutes.

Setting the automatic door opening (see page 20)

5.13 Interior illumination

The interior of the dishwasher illuminates for a set time when the appliance door is opened beyond a certain angle.

Interior illumination 10min

The interior illumination can be switched off.



To switch the interior illumination off earlier, press the **DI** button.

Changing the interior illumination (see page 20)

5.14 Heat pump *

Using the heat pump sharply reduces energy consumption and extends the programme duration.


Heat pump **ON**

The length of time the heat pump is switched on depends on the temperature of the wash. If several programmes are started in succession, the heat pump may remain switched off. The heat pump may produce some noise when running.

To ensure the heat pump is well ventilated, it may continue to make some slight noise for several hours after the appliance has been switched off.

The heat pump can be switched off by setting the setting to "OFF".

The duration of a programme varies with the settings (user settings, additional functions). Taking the «Daily Quick» programme as an example:

Programme	User setting Heat pump	Additional energy saving function	Programme duration
Daily Quick 	Heat pump OFF	Not selected	0h51
		Selected	0h49
	Heat pump ON	Not selected	0h48
		Selected	0h58

Setting the heat pump (see page 20)

* Depending on model

5.15 Factory settings

The factory settings can be restored.

Factory settings **No**

Restoring factory settings (see page 20)

6 Operation

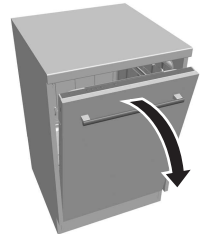
6.1 Preparing the appliance



An appliance with a heat pump can only be operated after standing in the normal operating position for around 2 hours.

Opening the appliance door

- ▶ Pull the door handle forwards.
 - Any programme that is running will be automatically interrupted.




Before using for the first time

- ▶ Switch the power on.
- ▶ Turn on the water tap.
- ▶ Fill the salt reservoir with approximately 1.0 l water and 1 kg regeneration salt.



For hygiene reasons, regeneration salt is also recommended for use with low water hardness and **all in 1** detergents.

- ▶ Wipe away excess salt on the edge of the salt reservoir.
- ▶ Fill the rinse agent reservoir with rinse agent.
- ▶ Run the  programme without dishes to protect the appliance from corrosion from any excess salt and to remove factory-related grease deposits.



On initial use, the **S** refill indicator can remain illuminated for several wash cycles.

S goes out when the salt concentration in the reservoir is evenly distributed (after about 10 wash cycles).


6.2 Dishwashing tips

Tableware

Not all table- and kitchenware are dishwasher safe.

- Handcrafted objects and wooden or plastic parts that are sensitive to heat or detergent suds should be cleaned by hand.
- The printing on glass and porcelain is hard-wearing only to a point and eventually over time can wear off.
- Pottery has a tendency to crack or chip.
- Objects made of silver, copper and tin have a tendency to discolour, turning brown or black.
- Stress and tension in thick cut crystal glasses and dishes can cause cracking.
- Depending on the type of glassware and the detergent being used, permanent clouding may result. Check with your glassware supplier as to whether your glassware is dishwasher safe.
- Spots tend to form on aluminium. This can affect other items being washed (spots on porcelain). Aluminium should therefore ideally be washed separately.
- Tableware with adhesive labels should not be washed in the dishwasher. The adhesive labels can clog up the filter system.

General note

- To prevent damage to glass and water spots, arrange glasses in such a way that they do not touch.
- Do not overload the baskets.
- Load beverage and food containers such as cups, glasses, pots, etc. with the opening facing downwards so that the water can drain off.
- Save energy, water and detergent by loading the appliance to capacity.
- When washing range hood grease filters use the maximum amount of detergent.
- ▶ Select the  programme.
- In case of a build-up of odours, reduce the storage duration of the tank.

6.3 Loading the baskets

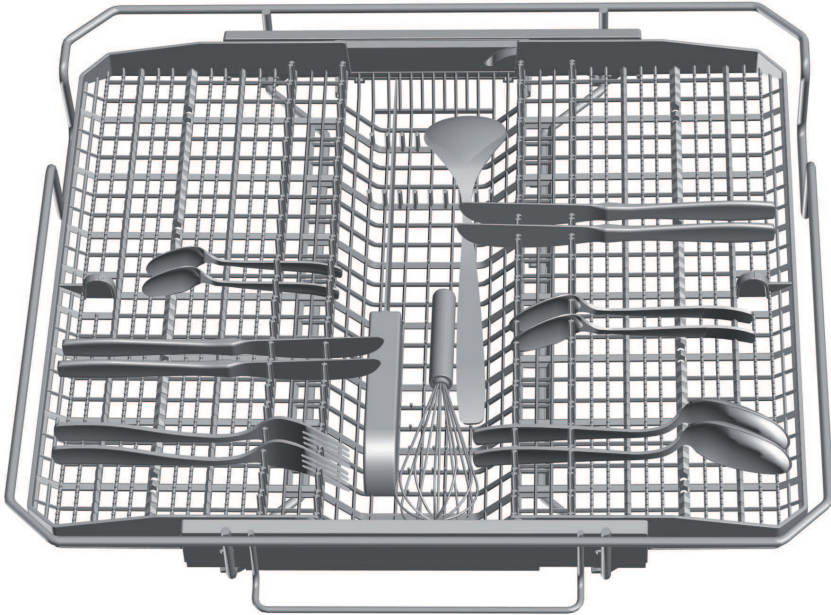


Not all table- and kitchenware are dishwasher safe. Follow the tips and advice in the 'Dishwashing tips' section.

- ▶ Remove any coarse or hard pieces of food or foreign objects left on the dishes.
 - ▶ Make sure no toothpicks get into the appliance. Toothpicks can cause the filter system to become clogged up.
 - ▶ Dishes, pots and pans with heavily burned-on food debris stuck to them should be soaked in water first.
 - ▶ After loading the dishes, check that the spray arms can turn freely.
- In the following you will find some loading tips to help you get the best results from your appliance.

6.4 Loading tips for the cutlery drawer *

* Depending on model

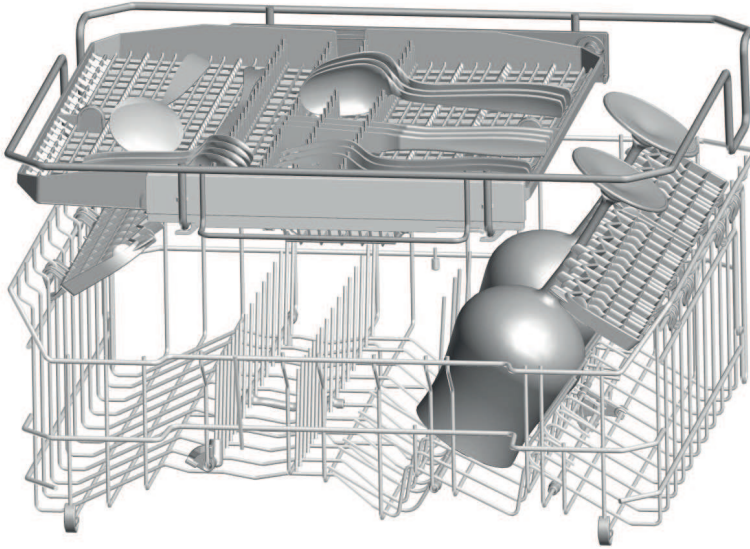


- ▶ Where possible, load spoons with handles between the tines.
- ▶ With thick-handled spoons or if the side is raised, the mouthpiece can be placed between the tines.

6 Operation

The cutlery drawer can be adjusted to accommodate the load:

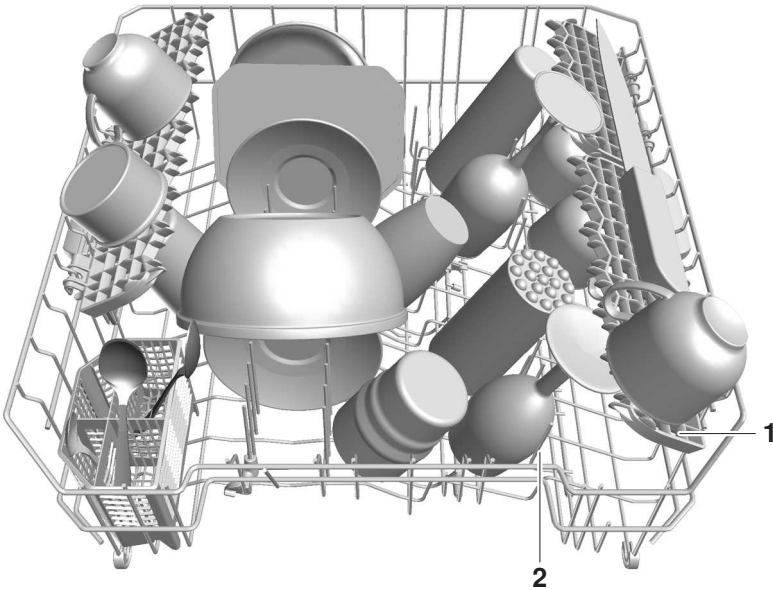
If tall glasses are loaded into the upper basket, the right side can be raised by 2 cm or be pushed over to the middle.



Take care when loading tall glasses into the upper basket. If they hit the cutlery drawer frame, they could get damaged.

6.5 Loading tips for the upper basket

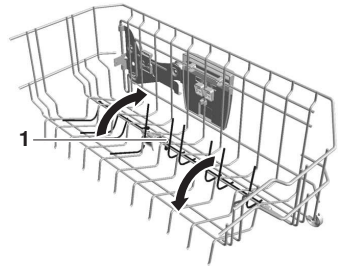
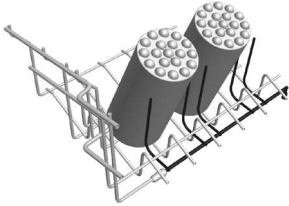
- ▶ Pull the upper basket out as far as it will go and load. Arrange smaller items such as saucers, glasses, cups and dishes.
- ▶ If using the fold-down racks **1**, stagger the items so that the water can reach the dirty surfaces better.
- ▶ Load salad servers, spatulas, etc. in the vario cutlery basket insert.
- ▶ Rest glasses on the adjustable glass holder **2**.



Glass holder

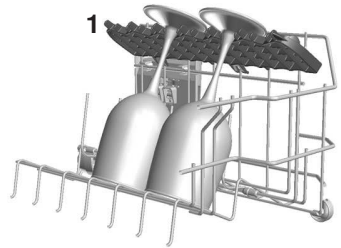
The glass holders **1** are particularly suitable for tall glasses. They can be folded down or up.

- ▶ Push the glass holders gently down or, alternatively, pull them up until they engage.



Racks

The racks **1** can be used as glass holders.

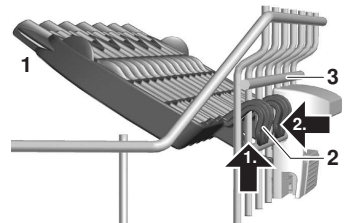


Remove the racks to accommodate tall glasses.

Dismantling/adjusting the height of the racks

The height of the racks is adjustable.

1. Push the rack **1** up by the hooks **2**.
 2. Push the rack inwards and then out.
- ▶ Hook the rack in the higher position **3**, if required.

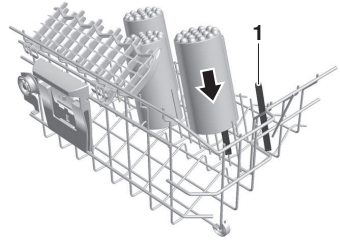


Easy prongs

The easy prongs **1** can be placed over the prongs anywhere in the basket.

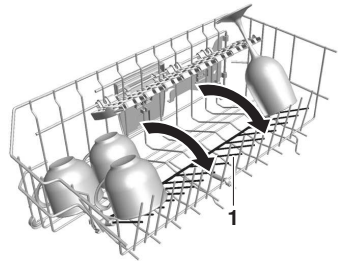
By using the easy prongs, drinking glasses, baby bottles, sports bottles, vases and carafes can be placed anywhere in the basket.

Use 2 easy prongs for wider vessels.



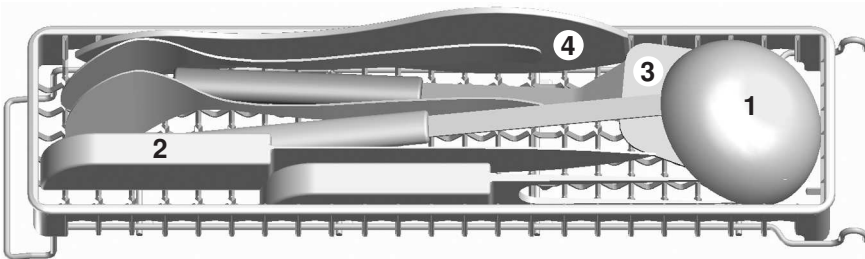
Fold-down tines

Swing the fold-down tines **1** to the right to create an additional loading area for cups and glasses.



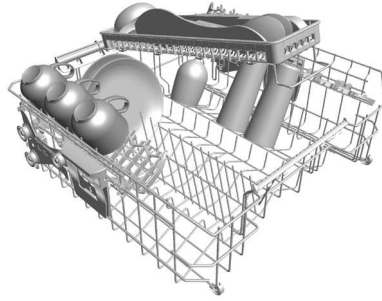
Vario cutlery basket insert *

- ▶ Place ladles **1**, knives (points) **2** and frying spatulas **3** in the compartments, pointing to the back. Stand wooden spoons **4** on their side.



6 Operation

- ▶ Place the vario cutlery basket insert on the sliding guide at the back and the basket grip.

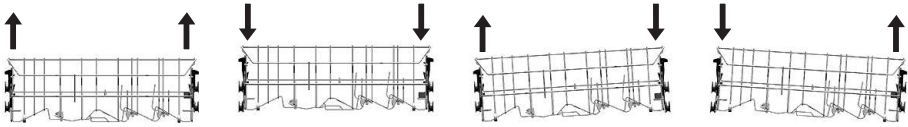


Avoid placing any larger items (pans, bowls, etc.) beneath the vario cutlery basket insert so as not to obstruct the lower spray jet.

* Depending on model

Adjustable upper basket

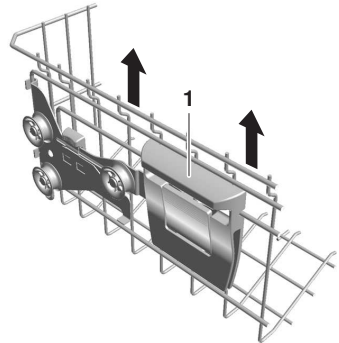
The height of the upper basket can be adjusted to 2 or 3 levels by a total of approximately 2-4 cm.* It can be inclined in various ways.



* Depending on model

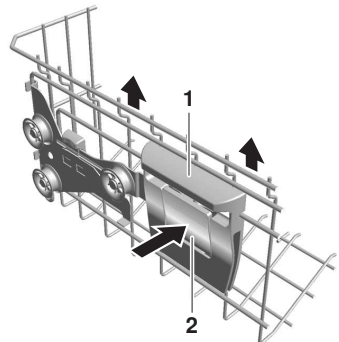
Raising the upper basket

- ▶ Hold the upper basket at the sides by the grips **1** and raise it into the position required.



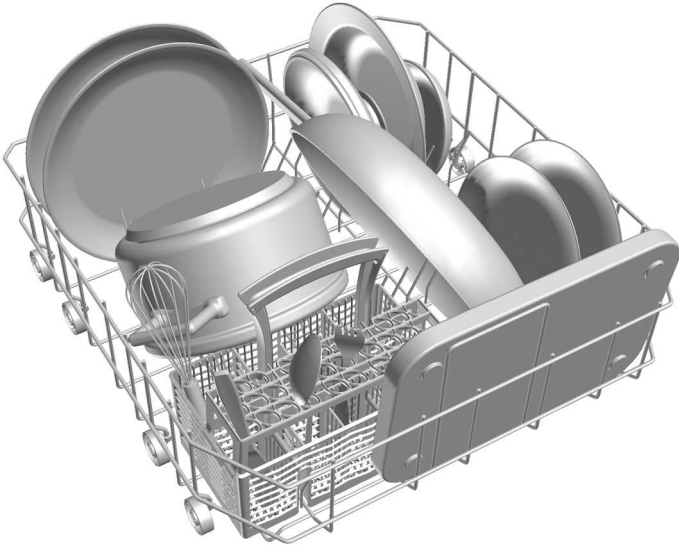
Lowering the upper basket

- ▶ Hold the upper basket at the sides by the grips **1**.
- ▶ Raise the upper basket slightly and press the button **2** at the same time.
 - The locking device is released.
- ▶ Lower the upper basket into the position required, release the button and engage the basket.



6.6 Loading tips for the lower basket

- ▶ Pull the lower basket out as far as it will go and load.
- ▶ Load larger items such as plates, bowls, platters, pots and pans.
- ▶ Load wide dishes (soup plates, lids, etc.) at the back on the right.

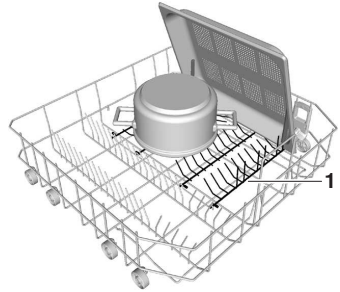


Put plastic bowls in the upper basket. If loaded into the lower basket, they could be lifted by the pressure of the water and could come into contact with the revolving spray arm.

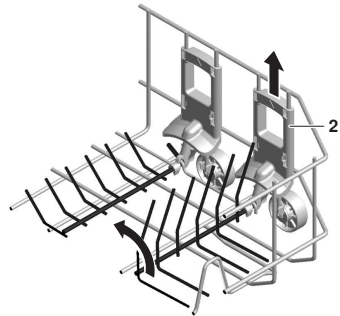
Fold-down tines

The tines **1** can be folded down to create a larger area for loading e.g. large plates, pans, dishes or a number of cups and glasses.

Cooking trays can be placed between the prongs. Easy prongs give optimal stability.



In order to fold the tines down, the locking grip **2** at the side must be pulled up.



Easy prongs

The easy prongs **1** can be placed over the prongs anywhere in the basket.

By using the easy prongs,

drinking glasses, baby bottles, vases and carafes can be placed anywhere in the basket.

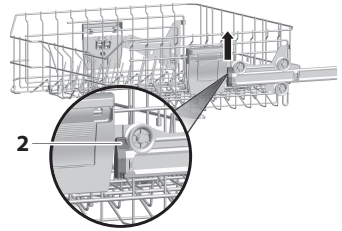
Use 2 easy prongs for wider vessels.



Cleaning baking trays

The upper basket has to be removed for larger baking trays.

- ▶ Slide the upper basket out as far as possible.
- ▶ Remove the basket safety lock **2** by pushing it upwards.
- ▶ Pull the upper basket out of its guides.



When the upper basket is put back, the basket safety lock **2** must be returned to the locking position.

- ▶ Load the baking trays.
 - The easy prongs act as a stable prop.



Cutlery basket *

* Depending on model



To avoid injury, place knives and cutlery with sharp edges or points into the cutlery basket in such a way that they do not stick out (points facing downwards).

Do not insert any knives, forks or other pointed objects into the door lock opening or drop them into the opening. Risk of damage to the appliance.



Knives and cutlery with sharp edges or points may also be placed horizontally in the upper basket.

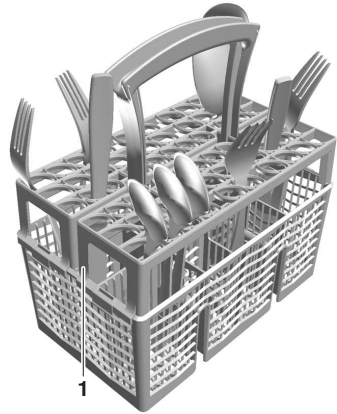
The cutlery basket may be placed over the easy prongs anywhere in the lower basket.

6 Operation

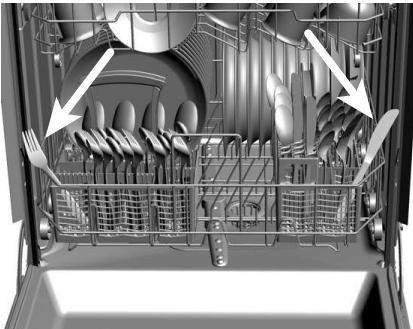
- ▶ Put cutlery loosely in the cutlery basket, with handles pointing down. Make sure no spoons are sticking together.

The inserts **1** supplied prevent items of cutlery sticking together, water spots during drying, and smaller items (e.g. mocha spoons) slipping through the basket.

- ▶ Fit the inserts to the cutlery basket.



When closing the appliance door, ensure no items of cutlery are sticking out of the tub or are trapped. The leak tightness of the appliance cannot otherwise be assured.



6.7 Adding the detergent

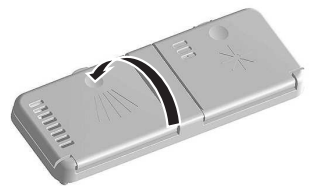
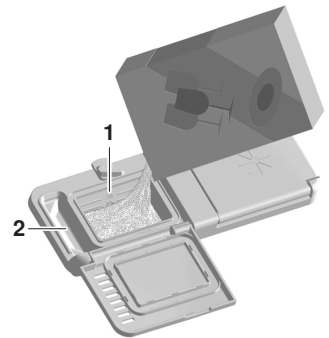
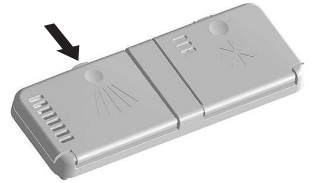


Ensure no cleaning agent gets into the door lock opening.

This can cause the door lock to malfunction.

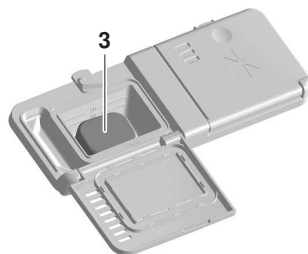
Powder

- ▶ Open the detergent dispenser by pushing the release catch in the direction of the arrow.
- ▶ Add the detergent to the detergent compartment.
- For dosage, follow the detergent manufacturer's instructions.
- Observe the «20 and 30 ml» level marks **1**.
- For heavier soiling, add approximately 1 tablespoon of detergent to the pre-rinsing compartment **2**.
- ▶ Close the cover.



Tabs

- ▶ Place the tab **3** flat in the detergent compartment.



Choice of detergent



Do not use washing-up liquid. It can cause excessive foaming, causing your appliance to malfunction.

Follow the dosage instructions printed on the detergent package carefully. Using too high a dosage can cause damage to the appliance.

- ▶ Only use detergent specially formulated for dishwashers.
- The detergent manufacturer's advice centre will gladly help with any problems (e.g. detergent dosage).
- Tabs may not dissolve properly at a wash temperature of below 55°C, affecting the cleaning performance of the appliance.

Using combination cleaning products (*all in 1* tabs/powder)

If using combination cleaning products, which should render the use of rinse agent and regeneration salt superfluous, please observe the following tips:

- Use the **All in 1** **On** user settings to adapt the programmes and displays to suit the detergent.

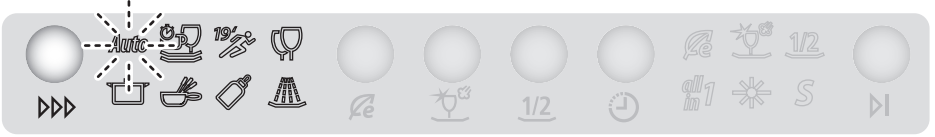


If the **S or  refill indicators illuminate, the regeneration salt or rinse agent should still be refilled.**

- If, after washing and drying, the results are not satisfactory, use conventional cleaning products. Refill the regeneration salt and rinse agent reservoirs. Change the user settings to **All in 1** **OFF**. For complaints, please contact the detergent manufacturer.

6.8 Selecting a programme

- ▶ Press the **▶▶▶** button repeatedly until the required programme symbol flashes.



- ▶ Close the appliance door.
 - The programme starts immediately.
 - The function light illuminates. *

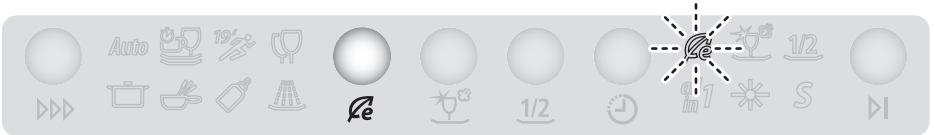


If the appliance door is not closed within 15 seconds of selecting a programme, all entries, symbols and the display are cleared. A 2× acoustic signal is also emitted. It is necessary to make a new programme selection.

Press the **▶|** button at any time to cancel the programme selected.

6.9 Selecting the economy programme

- ▶ With the appliance switched off, press the **ℓe** button.
 - **ℓe** flashes.




- ▶ Close the appliance door.
 - The programme starts immediately.
 - The function light illuminates. *

* Depending on model

6.12 Delayed start

The delayed start allows you to wash during off-peak hours (e.g. at off-peak electricity rates). A delayed start of between 30 minutes and 24 hours can be set. The delayed start duration last entered is shown as a suggestion.

Setting

- ▶ Select a programme and the additional «Delayed start» function.
- ▶ Repeatedly press or hold down the  button until the required delayed start duration appears in the display, e.g.: **Start in 2 hours**.
- ▶ Close the appliance door.
 - The display goes dark. *
 - The countdown to the set delayed start begins.



Dishes can be loaded at any time during the delayed start.


When the delayed start period is up, the programme selected starts automatically.



No acoustic signal is emitted at the end of the programme.

* Depending on model

Clearing

- ▶ Open the appliance door.
- ▶ Repeatedly press or hold down the  button until the delayed start is cleared and the programme phase appears.
- ▶ Close the appliance door.
 - The programme selected starts.

6.13 Interrupting a programme



The dishes and water may be hot – scalding hazard!

- ▶ Open the appliance door carefully.
 - The programme is interrupted.
 - The programme symbol flashes.
 - Display (alternates), e.g.:

Close appliance door

Cleaning

1h05

6.14 Aborting a programme



The dishes and water may be hot – scalding hazard!

- ▶ Open the appliance door carefully.
 - The programme is interrupted.
- ▶ Hold the **DI** button depressed for 2 seconds.
 - The water is pumped off.
 - Display (alternates):
 - A 5× acoustic signal is emitted.
 - The display and symbols go out.

Programme interrupted

please wait ...

6.15 End of programme



The door must not be closed when Automatic door opening / Do not close the door! appears in the display, otherwise the door opener can get damaged.

- A 5× acoustic signal is emitted at the end of the programme.
- If the appliance door remains closed, final drying starts:
- The display illuminates or the function light flashes for up to 90 minutes. *
- Three long acoustic signals are emitted at the end of the final drying phase.



The appliance door opens automatically during the drying or final drying phases. For optimal drying results, the tableware should not be unloaded until the displays go out. After the final drying phase, the appliance enters the energy-saving stand-by mode.

* Depending on model

Unloading

- ▶ Unload the appliance.



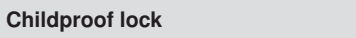



Unload the lower basket first.

- ▶ Periodically check the filter system and clean if necessary.

6.16 Operation with childproof lock activated

When the childproof lock is activated, before a programme can be selected the childproof lock has to be overridden by pressing two buttons at the same time. After 'Accessing programme selection', the next steps (as described in the previous sections) can be carried out.

Accessing programme selection

- ▶ Open the appliance door.
 - Display for 15 seconds: 
- ▶ Hold the  button (the  button for the economy programme) depressed and at the same time press the  button.
 - The childproof lock has been overridden.




The appliance can now be operated without further regard to the childproof lock.

7 Care and maintenance

7.1 Cleaning the interior

Using the correct dosage of detergent will automatically clean the interior of the appliance. We recommend cleaning the appliance twice a year with dishwasher cleaner.



Follow the directions for use for dishwasher cleaner carefully. Most dishwasher cleaners work more effectively at higher temperatures. We therefore recommend using the  programme.

7.2 Cleaning the exterior

- ▶ Do not use abrasive or caustic cleaning agents.
- ▶ Do not use scouring pads, wire wool, etc. - damage to the surface.
- ▶ Remove any soiling or excess cleaning solution immediately.
- Detergent: washing-up liquid, glass cleaner
- ▶ Clean the surfaces with a soft, damp cloth only – for metal surfaces rub in the direction of the polish lines. Wipe dry with a soft cloth.
- ▶ Clean the operating panel with a damp cloth and then wipe dry.
- Detergent: washing-up liquid, glass cleaner
- ▶ From time to time, clean the seal and edges of the appliance door with a soft, damp cloth.

7.3 Cleaning the filter system

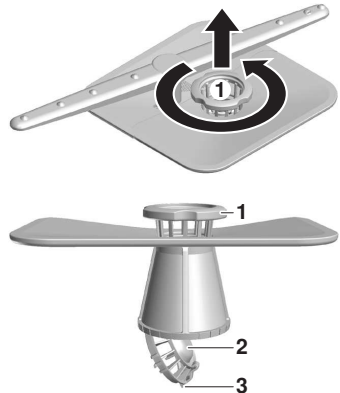


Only use soft materials for cleaning beneath the filter system. Never use metal objects for cleaning.

If inserted incorrectly, the filter system can cause the appliance to malfunction.

A dirty filter system can cause unsatisfactory cleaning results and affect the water outlet. Therefore, periodically check and clean the filter system.

- ▶ Open the appliance door and pull out the lower basket.
- ▶ Release the filter system by turning fine filter grip **1** in an anti-clockwise direction and remove.
- ▶ Open the coarse filter **2** by pressing on closing lug **3** and clean the filter system under running water using a brush.
- ▶ Remove any coarse debris.
- ▶ Replace the filter system and turn the fine filter **1** as far as it will go in a clockwise direction.

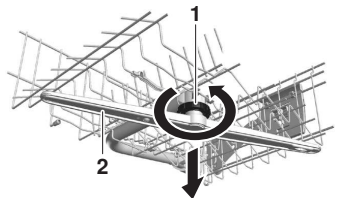


7.4 Cleaning the spray arms

If the cleaning performance is unsatisfactory or if dishwasher detergent is being left behind, then the nozzles in the spray arms may be clogged.

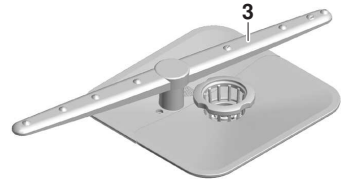
Upper spray arm

- ▶ Remove the upper basket.
- ▶ Release bayonet fastener **1** in an anti-clockwise direction and remove.
- ▶ Remove the spray arm **2** from the shaft and rinse well under running water.
- ▶ Check the nozzles.



Lower spray arm

- ▶ Hold the spray arm **3** in the middle and pull hard upwards.
- ▶ Rinse the spray arm well under running water.
- ▶ Check the nozzles.



Clean the filter system and the coarse filter at the same time. See 'Cleaning the filter system'.


7.5 Filling with regeneration salt



Never fill the salt reservoir with detergent!

When the supply of rinse agent is exhausted, the **S** refill indicator illuminates during programme selection and at the end of the programme.

– Display: **Refill salt**

- ▶ Open the appliance door and pull out or remove the lower basket.
- ▶ Open the cover on the salt reservoir by lifting up the grip.
- ▶ When using for the first time, fill with approximately 1.0 l water. Then fill with 1 kg standard regeneration salt. The drain pump may come on briefly.
- ▶ Wipe away any excess salt around the edge of the salt reservoir.
- ▶ Close the cover by firmly pressing down until it engages.
- ▶ **Run the  programme without dishes to protect the appliance from corrosion from any excess salt.**





On initial use, the **S** refill indicator can remain illuminated for several wash cycles. **S** goes out when the salt concentration in the reservoir is evenly distributed (after approximately 10 wash cycles).

Approximate consumption of regeneration salt

A = Hardness of the water supply

B = Number of wash cycles per kg of salt

A	°fH	0	6	11	16	21	26	31	36	41	51	61	71	81
		–	–	–	–	–	–	–	–	–	–	–	–	–
	°dH	5	10	15	20	25	30	35	40	50	60	70	80	120
		0	4	7	10	13	15	17	20	23	28	33	39	46
		–	–	–	–	–	–	–	–	–	–	–	–	–
		3	6	9	12	14	16	19	22	27	32	38	45	65
B		∞	680	360	250	150	125	100	85	60	45	35	28	20

7.6 Filling with rinse agent




Never fill the rinse agent reservoir with detergent.

Wipe away any spilt rinse agent (risk of foaming and error messages **A0 Foaming? or **A2 Check water outlet**).**

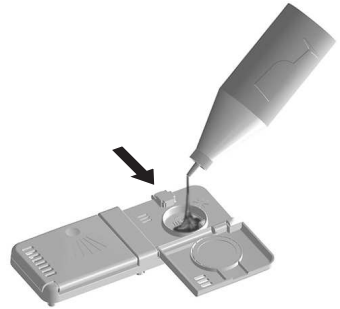
Follow the manufacturer’s safety instructions and warnings.

Rinse agent prevents water spotting after final rinsing (rinsing with rinse agent). The rinse agent is dosed automatically from the reservoir in the appliance door.

When the supply of rinse agent is exhausted, the  refill indicator illuminates during programme selection and at the end of the programme.

- Display: **Refill rinse agent**

- ▶ Open the rinse agent reservoir by pushing the release catch in the direction of the arrow.
- ▶ Fill with rinse agent up to the «max.» mark (1.3 dl suffices for about 35 wash cycles).
- ▶ Close the cover.
- ▶ Wipe away any spilt rinse agent.



7.7 Water inlet filter, cleaning

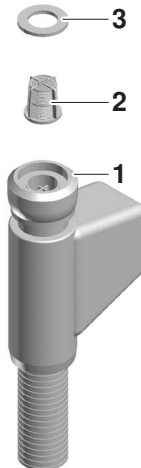


Have the water inlet filter cleaned by experts only. If carried out incorrectly, there is a risk of flooding!

The built-in water inlet filter can become blocked by limescale deposits, rust or foreign objects.


This can lead to a **A9 Check water inlet** error message.

- ▶ Turn off the water tap.
- ▶ Loosen the connection **1**.
- ▶ Remove the water inlet filter **2** using pointed pliers and then clean or replace.
- ▶ Clean the seal **3**.
- ▶ Replace the water inlet filter **2** and seal **3**. Tighten the connection **1** on the water tap.
- ▶ Turn on the water tap and check for leaks.



7.8 Emptying the storage tank

The storage tank must be emptied (e.g. in the case of holiday homes, change of tenant, etc.) before disconnecting the appliance from the power supply.

- ▶ With the appliance switched off, hold the  button depressed for 5 seconds.
 - The tank is emptied.

8 Troubleshooting

8.1 What to do if ...

This section lists faults that can be solved simply by following the instructions given. If another fault is displayed or the fault cannot be remedied, please call Customer Services.





Please note down the error message and the serial number (FN) before calling Customer Services.

Malfunction warning indicated by acoustic signal

- In the event of a malfunction, an acoustic signal is emitted for 1 minute.
- Malfunction warnings are indicated by an acoustic signal even if the acoustic signal is switched off in the 'User settings'.
- Detailed information on any current malfunction appears in the display.

... in the display appears

A0 Foaming?

Possible cause	Solution
<ul style="list-style-type: none">▪ High-foaming detergent was used.▪ Spilt rinse agent.▪ Washing-up liquid was used.	<ul style="list-style-type: none">▶ Wipe away spilt rinse agent with a cloth.▶ Get rid of the foam with approximately 1 dl vinegar.▶ Cancel the error message by pressing the  button.▶ Select the  programme.


... in the display appears

A1 Check filter system

Possible cause	Solution
<ul style="list-style-type: none"> ▪ Filter system is not inserted. ▪ Filter system is not correctly locked in position. 	<ul style="list-style-type: none"> ▶ Check the filter system and then insert into place. Turn the fine filter as far as it will go in a clockwise direction.


... in the display appears

A2 Check water outlet

Possible cause	Solution
<ul style="list-style-type: none"> ▪ Filter system is blocked. ▪ Drain hose is bent or kinked. ▪ Drain pump or siphon is blocked. ▪ Excessive foaming due to rinse agent spillage. 	<ul style="list-style-type: none"> ▶ Clean the filter system. ▶ Fix the problem. ▶ Cancel the error message by pressing the  button. ▶ Restart the programme.

... in the display appears

A7 Heat pump malfunction

Possible cause	Solution
<ul style="list-style-type: none"> ▪ Heat pump malfunction 	<ul style="list-style-type: none"> ▶ Cancel the error message by pressing the  button. <ul style="list-style-type: none"> – The appliance can still be operated. The heat pump is not used for the time being.

... in the display appears**A9 Check water inlet**

Possible cause	Solution
<ul style="list-style-type: none"> ▪ Water tap is turned off. ▪ Water inlet filter is blocked. ▪ Interruption in water supply. ▪ Water pressure is too low. 	<ul style="list-style-type: none"> ▶ Fix problem or wait until water supply is restored. ▶ Cancel the error message by pressing the DI button. ▶ Restart the programme.

... **F8 / E18 see instructions** / **FN XXXXX XXXXXX** appears



Possible cause	Solution
<ul style="list-style-type: none"> ▪ Water intake is hotter than 79 °C (hot water connection). 	<ul style="list-style-type: none"> ▶ Have a plumber reduce the temperature of the water intake.

... **F.. / E.. see instructions** / **FN XXXXX XXXXXX** appears

Possible cause	Solution
<ul style="list-style-type: none"> ▪ Various situations can lead to a «F...» message. 	<ul style="list-style-type: none"> ▶ Cancel the error message by pressing the DI button. <p>If the error message persists:</p> <ul style="list-style-type: none"> ▶ Switch the power supply off for about 1 minute. ▶ Switch the power supply back on again. ▶ Cancel the error message by pressing the DI button. ▶ Restart the programme. ▶ If the error appears again, note down the error message and FN number. ▶ Turn off the water tap and the power supply. ▶ Call Customer Services.






... in the display appears

U.. / E.. see instructions

Possible cause	Solution
<ul style="list-style-type: none">▪ Faulty electrical connection.▪ Overvoltage.	<ul style="list-style-type: none">▶ Cancel the error message by pressing the  button. <p>If the error message persists:</p> <ul style="list-style-type: none">▶ Switch the power supply off for about 1 minute.▶ Switch the power supply back on again.▶ Cancel the error message by pressing the  button.▶ Restart the programme.▶ If the error appears again, note down the error message and FN number.▶ Switch the power supply off.▶ Have the electrical installation checked by an expert.

... the appliance does not start


- ▶ Close the appliance door.
- ▶ Insert the plug into the mains socket.
- ▶ Check the fuse or circuit breaker.
- ▶ See the 'Operation with childproof lock activated' section.

Possible cause	Solution
<ul style="list-style-type: none"> ▪ «Demo mode» is switched on. 	<ul style="list-style-type: none"> ▶ Open the appliance door. ▶ Hold the  and  buttons depressed. ▶ Simultaneously press the  button. <p>- In the plain text display appears:</p> <div style="background-color: #cccccc; padding: 5px; display: flex; justify-content: space-between; align-items: center;"> Demo mode ON </div> <ul style="list-style-type: none"> ▶ Press the  button. <p>- In the plain text display appears:</p> <div style="background-color: #cccccc; padding: 5px; display: flex; justify-content: space-between; align-items: center;"> Demo mode OFF </div> <ul style="list-style-type: none"> ▶ Press the  button.

... the dishes are not clean

- ▶ Select a more powerful programme.
- ▶ Load the baskets differently, avoiding blind spots.
- ▶ Clean the filter system and re-insert correctly.
- ▶ Check to see whether the spray arms are clogged or dirty.
- ▶ Use the correct amount of detergent or use a different kind of detergent.
- ▶ Check the water hardness setting.
- ▶ Refill the salt reservoir with regeneration salt.

... there is a white film on the dishes

- ▶ Refill the salt reservoir with regeneration salt and then start the  programme without any dishes.
- ▶ Use the correct amount of detergent or use a different kind of detergent.
- ▶ Refill the rinse agent.
- ▶ Increase the rinse agent dosage setting.
- ▶ If not using *all in 1* detergent,

All in 1

OFF

 must be set in the 'User settings'.

... there are streaks or milky spots on the dishes

- ▶ Reduce the rinse agent dosage setting.
- ▶ If not using **all in 1** detergent, **All in 1** **OFF** must be set in the 'User settings'.


... the dishes are wet and dull or have water marks on them

- ▶ Refill the rinse agent.
 - ▶ Increase the rinse agent dosage setting.
 - ▶ Do not open the appliance door until the end of the programme when a long acoustic signal is emitted and the display or function light * goes out.
- * Depending on model

- ▶ If not using **all in 1** detergent, **All in 1** **OFF** must be set in the 'User settings'.

... there are rust stains on the items being washed

The rust stems from another source e.g. the cutlery, pans, water pipe. The appliance is made of rust-free steel.

- ▶ After topping up with regeneration salt, select the  programme without dishes.

... the detergent is not fully dissolved

- ▶ Check to see whether the spray arms are clogged or dirty.
- ▶ Use a different kind of detergent.
- ▶ Check the detergent dispenser cover.

... the time display freezes for up to 4 minutes at the beginning of the programme or during the wash cycle

- The water softener is being rinsed through after the regeneration process.
- The duration of the programme and the time display are being automatically adjusted to the degree of soiling of the load being washed.

... there is discolouring of the baskets and plastic parts inside the appliance

Dishes were washed that still had discolouring food leftovers on them (e.g. tomato or curry sauce). The discolouration may fade after a few wash cycles.

... an unpleasant smell tends to come from the appliance

- ▶ Clean the filter system.
- ▶ Add detergent and run the «Appliance hygiene» programme.
- ▶ Select a more powerful programme.
- ▶ Add enough regeneration salt.

8.2 Power failure

A power failure causes:

- the programme that is currently running to stop. After the cause of the power supply failure has been resolved, the programme is resumed.
- The fault indication system to be interrupted.

9 Accessories and spare parts

Please give product family of the appliance and exact description of the accessory or spare part when ordering parts.

Accessories

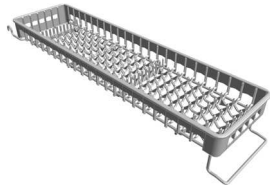
«Small» cutlery basket



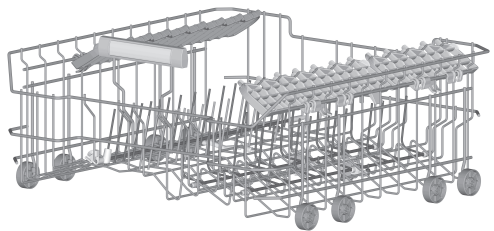
«Large» cutlery basket



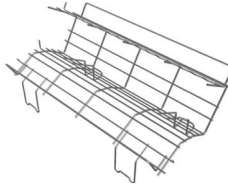
Vario cutlery basket insert



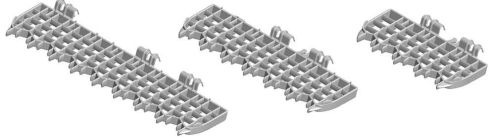
Lower basket for glasses



Cup support



Racks

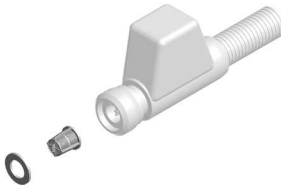


Set of 4 easy prongs

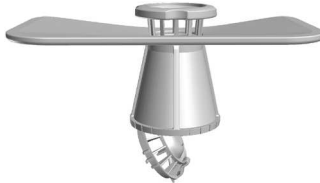


Spare parts

Seal / water inlet filter for Aquastop



Filter system



10 Technical data

10.1 Overview

External dimensions

	SMS 55	SMS 55 Extra height	EURO 60	EURO 60 Extra height	EURO 60 HP
Height (with slide plate, if relevant) [cm]:	75.9	82.4	75.9	82.4	86.4
Height (with adjustable plinth) [cm]:	–	84.5–89.0	78.0–89.8	84.5–96.3	87.0–91.5
Width [cm]:	54.6	54.6	59.6	59.6	59.6
Depth [cm]:	57.2	57.2	57.2	57.2	57.2
Weight [kg]:	42	44	42	44	62

Ambient temperature

Minimum ambient temperature: +10 °C

Plumbing

Cold or hot water up to 60 °C: G $\frac{3}{4}$ "

Permitted pressure of water supply: 0.1–1.0 MPa (1–10 bar)

Max. pumping height: 1.2 m



If the water pressure is too high, a pressure reducer valve must be fitted.

Electrical connection

► See identification plate

Safety concept

Provided power is going to the appliance, the electronic control unit monitors the appliance. Any malfunction is indicated by error messages.

Overflow protection

In the event of a power failure, the overflow protection system is rendered ineffective. Hence, the water tap should be turned off during longer periods of non-use.

The electronic control unit monitors the water level in the appliance. In the event of a malfunction, the drain pump turns on, stopping the supply of water to the appliance.

10.2 Consumption data

The consumption data refers to a one-phase 220–240 V, 2N connection.

V = Pre-rinsing

T = Drying

R = Cleaning

D = Duration

Z = Intermediate rinsing

W = Water

G = Rinsing with agent

E = Energy

Appliance without a heat pump

Programme	V [° C]	R [° C]	Z	G [° C]	T	D*	W [l]	E [kWh]
Automatic	If required	50-60	If required	55	Yes	0h45 – 1h50	5 – 17	0.60 – 1.15
Daily quick	35	60	Yes	55	Quick	0h56	13	1.05
Sprint	No	55	No	55	Quick	0h26	9	0.75
Glass	No	45	Yes	55	Yes	0h52	10	0.75
Intensive	If required	65	Yes	55	Yes	1h46	14 – 19	1.15 – 1.25
Fondue/ Raclette	Soaking	65	Yes	55	Yes	2h22	14 – 17	1.35 – 1.45
Hygiene	60	70	Yes	70	Yes	2h00	11	1.60

Programme	V [° C]	R [° C]	Z	G [° C]	T	D *	W [l]	E [kWh]
Pre-rinsing	Yes	No	No	No	No	0h16	1 – 3	0.05
Appliance hygiene	No	70	Yes	70	Yes	1h43	15	1.60
Economy programme	Yes	50	No	40	Yes	2h15 – 2h30	9.3	0.52

* Duration without final drying time. The duration of the programme depends on the following conditions:

- Connected wattage (for a one-phase connection, the duration of the programme is extended by up to 15 minutes)
- Storage duration of the tank (in the case of the tank being automatically rinsed, the duration of the programme is extended by up to 30 minutes)

Appliance with a heat pump

Programme	V [° C]	R [° C]	Z	G [° C]	T	D *	W [l]	E [kWh]
Automatic	If required	50-60	If required	55	Yes	0h45 – 1h50	6 – 17	0.55 – 1.10
Daily Quick	35	60	Yes	55	Quick	1h01	14	0.95
Sprint	No	55	No	55	Quick	0h30	10	0.65
Glass	No	45	Yes	55	Yes	0h55	11	0.70
Intensive	If required	65	Yes	55	Yes	1h52	15 – 20	1.05 – 1.15
Fondue/ Raclette	Soaking	65	Yes	55	Yes	2h27	15 – 18	1.25 – 1.35
Hygiene	60	70	Yes	70	Yes	2h06	12	1.50

Programme	V [° C]	R [° C]	Z	G [° C]	T	D *	W [l]	E [kWh]
Pre-rinsing	Yes	No	No	No	No	0h16	4	0.05
Appliance hygiene	No	70	Yes	70	Yes	1h49	15	1.50
Economy programme	Yes	50	No	40	Yes	2h30	11.3	0.32

* Duration without final drying time. The duration of the programme depends on the following conditions:

- Connected wattage (for a one-phase connection, the duration of the programme is extended by up to 15 minutes)
- Running time of the heat pump
- Storage duration of the tank (in the case of the tank being automatically rinsed, the duration of the programme is extended by up to 30 minutes)

10.3 Note for testing institutes

The note for testing institutes can be obtained from the internet: www.vzug.com/testinstitute.

10.4 Noise measurement

See the 'Note for testing institutes' section.

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12 Notes

13 Service & Support



The «Troubleshooting» chapter provides valuable information for dealing with minor operating faults. This saves you the time, effort and potential cost of having to call out a service technician.

Information on the V-ZUG warranty can be found at www.vzug.com →Service →Warranty information. Please read this information carefully.

Please register your V-ZUG appliance online immediately at www.vzug.com→Service→Warranty registration. This will allow you to take advantage of the best possible support in the event of an fault in the appliance during the warranty period. You will require the serial number (FN) and appliance designation to complete the registration process. This information can be found on the identification plate for your appliance.

My appliance information:

FN: _____ **Appliance:** _____

Always have this appliance information to hand when you contact V-ZUG. Thank you.

- ▶ Open the appliance door.
 - The identification plate is located on the left-hand side on edge of the tub.

Requesting repairs

You can find the telephone number for your nearest V-ZUG service centre at www.vzug.com→Service→Service hotline.

Technical enquiries, accessories, extended warranty

V-ZUG is happy to help with your general administrative and technical enquiries, orders for accessories and spare parts, or information relating to advanced service agreements.

Quick instructions

Please first read the safety precautions in the operating instructions!

- ▶ Open the appliance door.
- ▶ Load the dishes.
- ▶ Add the detergent.
- ▶ Select a programme.
- ▶ Select any additional function(s), if required.
- ▶ Close the appliance door.
- ▶ The programme starts immediately.
- ▶ When a long acoustic signal is emitted, open the appliance door and unload the dishes.



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