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Operating instructions

AdoraDish V2000

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 familiarize 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 appliances is reserved.

Validity

These operating instructions apply to:

Model designation	Type	Size system
AdoraDish V2000 VC	AS2T-41149	SMS 55
AdoraDish V2000 VGC	AS2T-41150	SMS 55
AdoraDish V2000 VGBC	AS2T-41178	SMS 55
AdoraDish V2000 IC	AS2T-41180	SMS 55
AdoraDish V2000 I	AS2T-41160	EURO 60
AdoraDish V2000 IG	AS2T-41161	EURO 60
AdoraDish V2000 V	AS2T-41162	EURO 60
AdoraDish V2000 VG	AS2T-41163	EURO 60
AdoraDish V2000 VGB	AS2T-41179	EURO 60

Variations depending on the model are noted in the text.

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1 Safety warnings

1.1 Symbols used

Unauthorized repairs could result in unforeseen dangers for the user, for which the manufacturer cannot accept liability. Repairs should only be undertaken by an authorized service technician, otherwise any subsequent damage will not be covered by the warranty.

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

Remove plug from mains socket / disconnect power supply

Insert plug into mains socket / connect power supply

Do not cut off or modify mains plug

Wear protective gloves

Before connecting the appliance ensure that the installation is designed for appliances with a rated current of over 13 A. If you are unsure, consult an authorized electrician.

- ▸ 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 children aged 8 and above and by persons 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 perman-

ently 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

- 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. Do not leave the appliance door open as it can pose a risk – danger of tripping and bruising! Do not sit or lean on the appliance door. Do not place any objects on the appliance door.
- 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 opening of the door lock. This can cause the door lock to malfunction.
- 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.
- Capacity: 12 or 13 international place settings (SMS 55, cutlery drawer *). 13 or 14 international place settings (EURO 60, cutlery drawer *).
  * Depending on model
- This appliance is intended for use in the home and similar settings such as: in staff kitchens in shops, offices and other commercial establishments; in agricultural establishments; by guests in hotels, motels and other accommodation establishments; in bed and breakfast establishments.

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 a repair is needed, follow the instructions given in the «Service & Support» section. If required, please contact our Customer Services.
- Retain these operating instructions for future reference.
- Any work carried out by an unauthorized service provider as well as the use of spare parts other than the original spare parts void the obligations under the warranty.

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

- Use the childproof locking facility (see page 40).
- If the appliance is visibly damaged, do not use it. Contact our Customer Services.
- If the appliance is not functioning 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 dishwashers 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 produce excessive foaming, causing your appliance to malfunction.
- After filling the salt reservoir, run the programme without dishes. The first time you do this, add approx. 1 litre of water to the salt reservoir.
- 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.

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 could damage wooden combination fascias. Spectacles can steam up, impairing your vision.

Caution: Risk of injury!

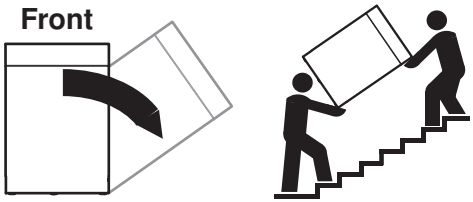
- Do not lean on any part of the appliance – risk of accident!
- Keep pets away from the appliance.

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.
- When carrying out maintenance work on the appliance, including replacing light bulbs, cut off the electricity supply to the appliance: remove the screw fuse from the holder or switch the circuit breaker off, or unplug from the mains socket.

How to avoid damaging the appliance

- Turn off the water tap during longer absences.
- Do not exceed the maximum loading weight for the lower basket, upper basket and cutlery drawer.
- Please note: The appliance must always be connected to the mains supply to ensure appliance protection (overflow protection, among other things).
- 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 right (viewed from the front).



2 Using for the first time

The appliance must be installed and connected to the electricity supply by a qualified fitter/electrician in accordance with the separate installation instructions.

2.1 Before using for the first time

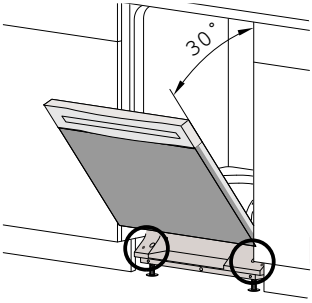
Before operating the newly installed appliance for the first time, the following steps should be taken:

- Switch on the power and turn on the water tap.
- Set the water hardness in the user settings (see page 44).
- Fill the salt reservoir with approx. 1.0 l water before adding 1 kg standard regeneration salt.
- Wipe away any excess salt around the edge of the salt reservoir.
- Fill the rinse agent reservoir with rinse agent.
- Run «Pre-rinsing» without dishes to protect the appliance from corrosion from any excess salt.
- Select (see page 30) and add (see page 31) the detergent.
- Run the «Intensive» programme without dishes to remove traces of grease left behind from the manufacturing process.
- Close the appliance door to start the programme.

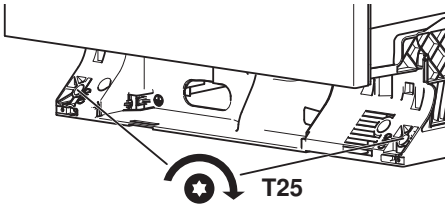
The refill indicator can flash during the first few wash cycles. goes out when the salt concentration in the reservoir is evenly distributed.

2.2 Setting the door weight

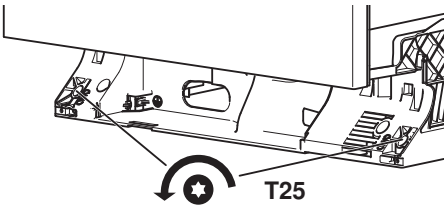
- Open the appliance door approx. 30° and check that it stays in this position.



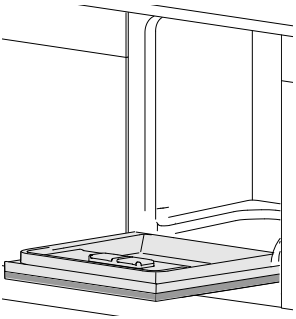
- If the appliance door opens further: close the appliance door, tighten the screws slightly and check the adjustment again.



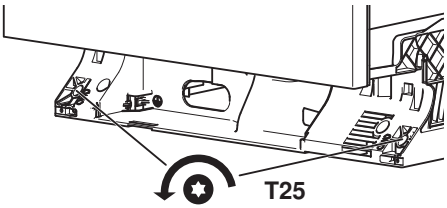
- If the appliance door closes further: close the appliance door, loosen the screws slightly and check the adjustment again.



- Open the appliance door as far as it will go and check that it stays in this position.



- If the appliance door closes further: close the appliance door, loosen the screws slightly and check the adjustment again.



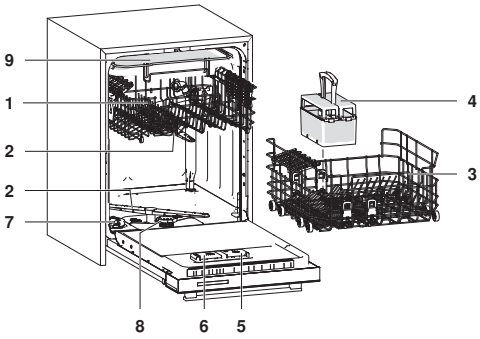
If no satisfactory adjustment can be achieved after performing these steps, the springs must be changed.

- Contact Customer Services.

3 Appliance description

3.1 Construction

Interior



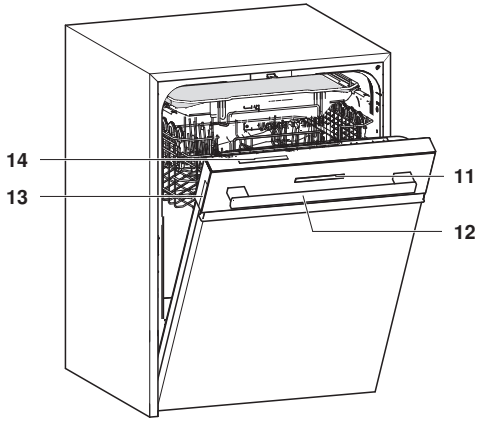
1 Upper basket
2 Spray arms
3 Lower basket
4 «Large» cutlery basket *
5 Rinse agent reservoir
6 Detergent dispenser
7 Salt reservoir
8 Filter system
9 Cutlery drawer *

* Depending on model

Appliance door

For fully integrated models, the operating and display elements are located on the **top** of the appliance door.

For design integrated models, the operating and display elements are located on the **top** and a plain text display on the **outside** of the appliance door.

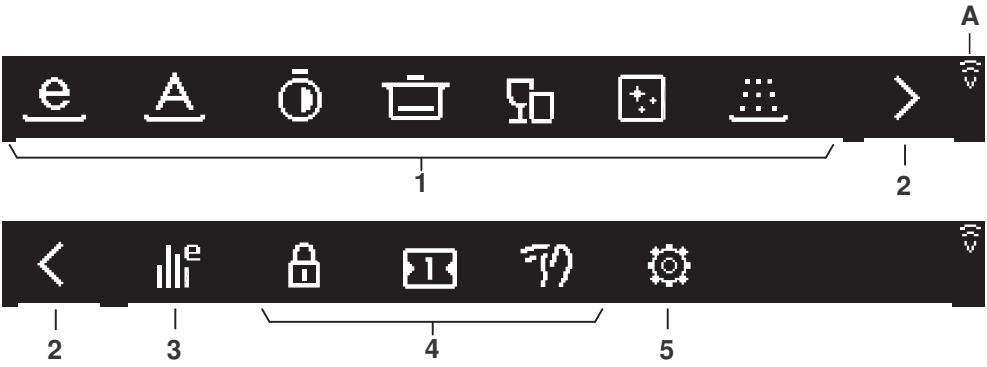


11 Plain text display on glass panel *
12 Door handle
13 FunctionLight *
14 Operating and display elements

* Depending on model

3.2 Operating and display elements

Main menu



Buttons

1 Programmes (see page 14)

2 Navigation elements

3 EcoManagement (see page 17)

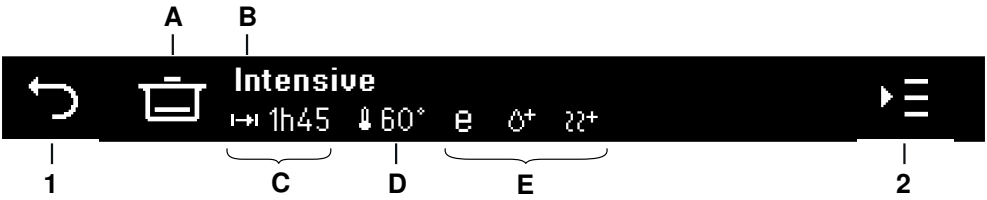
4 Frequently used user settings (see page 16)

5 Other user settings (see page 44)

Display

A V-ZUG-Home

Programme selected



Buttons

1 Back arrow button

2 Setting options (see page 16)

Displays

A Programme symbol

B Programme name

C Programme time

D Temperature

E Selected setting options

Button state

A Non-selectable functions
B Function selected
C Selectable functions
D Non-selectable navigation elements

Action elements

\+ Increase value
– Decrease value
User setting activated
User setting deactivated
× Cancel entry, confirm message
▶ Start permanent mode programme, empty storage tank

Navigation elements

Go back to the previous menu
〈 Display other functions in the menu
〉 Display other functions in the menu
∨ Display other selection options in the menu

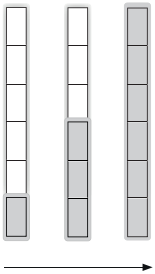
3.3 FunctionLight *

* Depending on model

Colour of LED displays

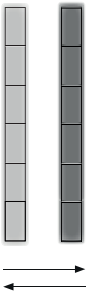
Dark
Orange
White
Dimmed orange
Dimmed white

Programmes



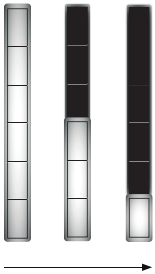
The progress display provides information about the progress of a programme. The more LEDs illuminate orange, the less remaining time is left. All 6 LEDs illuminate orange when a programme ends.

Final drying phase



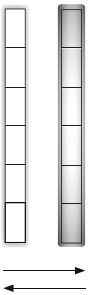
During the final drying phase, all 6 LEDs illuminate orange and pulsate between dimmed and undimmed.

Delayed start



When the appliance door is closed and a delayed start is started, all 6 LEDs illuminate dimmed white.

Programme-independent appliance reactions



In the case of the following appliance reactions, all 6 LEDs illuminate white and pulsate between dimmed and undimmed:

- Aborting programmes, delayed start
- Pumping off

Error messages

In the event of A/F/U messages, the bottom 3 white LEDs and the top 3 white LEDs flash alternately.

4 Functions

4.1 Programmes

Consumption values

The programme time (h), water consumption (l) and energy consumption (kWh) are indicative values. The values can also vary according to the selection of additional functions, the load, the degree of soiling of the load, the type and amount of detergent, the water inlet temperature, the electrical connection and specific programme sequences (e.g. regeneration).

The programme time, water consumption and energy consumption can be reduced by selecting the «Energy saving» e setting option.

Programme times

The stated values exclude the final drying time.

Eco	Programme phases	Consumption values
The most efficient programme in terms of water and energy consumption for washing normally soiled dishes (declaration programme). After running the dishwasher 7 times, the water softener is regenerated at the end of that programme. This increases the water consumption by 0.2 l. During the next programme, the water softener is flushed through with an additional 4 l water. This increases the duration of the programme by 5 minutes.	▪ Cleaning: 50 °C ▪ Intermediate rinsing ▪ Rinsing with rinse agent: 35 °C ▪ Drying	▪ 6h30–7h30 ▪ 9.8 l ▪ 0.527–0.543 kWh

Automatic	Programme phases	Consumption values
Optimum cleaning results with minimal water and energy consumption. For normal soiling. Not suitable for burned-on or heavily dried-on soiling.	▪ Pre-rinsing (if required): cold ▪ Cleaning: 50–60 °C ▪ Intermediate rinsing (if required) ▪ Rinsing with rinse agent: 55 °C ▪ Drying	▪ 1h00–1h50 ▪ 8–20 l ▪ 0.7–1.25 kWh

Quick	Programme phases	Consumption values
For lightly soiled dishes.	▪ Cleaning: 45 °C ▪ Intermediate rinsing ▪ Rinsing with rinse agent: 55 °C ▪ Drying: Quick	▪ 0h39 ▪ 11 l ▪ 0.8 kWh

Intensive	Programme phases	Consumption values
For heavy soiling. Particularly suitable for starchy soiling (e.g. mashed potato, rice).	▪ Pre-rinsing: cold ▪ Pre-rinsing (if required): 35 °C ▪ Cleaning: 65 °C ▪ Intermediate rinsing ▪ Rinsing with rinse agent: 60 °C ▪ Drying	▪ 1h37–1h50 ▪ 18–23 l ▪ 1.3–1.5 kWh

Glass	Programme phases	Consumption values
Gentle programme for glasses.	▪ Cleaning: 45 °C ▪ Intermediate rinsing ▪ Rinsing with rinse agent: 55 °C ▪ Drying	▪ 0h44–0h50 ▪ 11 l ▪ 0.8 kWh

Machine care	Programme phases	Consumption values
Appliance is rinsed hygienically clean. Before starting the programme, empty the appliance, clean the filter system and add standard dishwasher cleaner as per the instructions on the packaging.	▪ Cleaning: 70 °C ▪ Intermediate rinsing ▪ Rinsing with rinse agent: 60 °C ▪ Drying	▪ 1h17–1h47 ▪ 15 l ▪ 1.35 kWh

Pre-rinsing	Programme phases	Consumption values
Prevents soiling drying on if intending to start a programme later.	▪ Pre-rinsing: cold	▪ 0h07–0h09 ▪ 4 l ▪ 0.05 kWh

4.2 Setting options

Energy saving

The wash temperature is reduced by 5 °C, lowering energy consumption by approx. 10 %. The programme time is shortened slightly. «Energy saving» is also gentle on glasses.

Partial load

For a small load of dishes. The amount of water used is reduced by up to 6 l and the programme time is shortened by up to 36 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.

RinsePlus

The cleaning effect is improved through additional rinsing cycles and an extended cleaning phase. If RinsePlus is turned on, the amount of water used with each programme is increased. This extends the programme time.

DryPlus

The temperature of both the final rinse and the SteamFinish are increased and the drying time is extended.

4.3 Frequently used user settings

Childproof lock

The «Childproof lock» user setting prevents a programme from being started accidentally. The code is set at the factory and cannot be changed.

All in 1

The «All in 1» user setting adapts the programme ideally for use with detergent with integrated salt and rinse agent function. Combination cleaning agents are not suitable for all degrees of water hardness (see page 31).

Wipe protection

The operating panel is locked briefly, e.g. for cleaning purposes.

4.4 EcoManagement

EcoManagement

Only active if «EcoManagement» is turned on in the user settings (see page 44).

EcoManagement provides information on the energy consumption ⚡ and water consumption 💧 of the appliance and supports the sustainable use of energy. The following consumption information can only be retrieved when no programme is running:

- Energy and water consumption of the last programme
- Average energy and water consumption of the last 25 programmes
- Total energy and water consumption

The energy and water consumption of a programme is displayed during programme selection. At the end of a programme, the energy and water consumption of the last programme run is displayed.

The values can vary according to programme, load, additional functions and user settings.

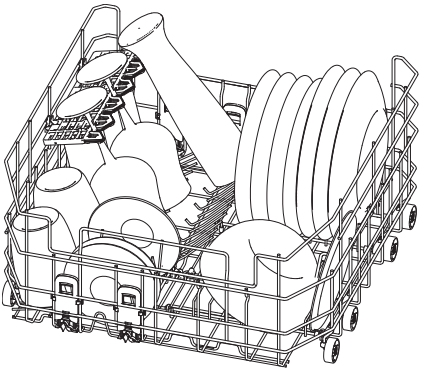
5 Loading

Check that the spray arms can rotate freely.

Moving parts
All light-coloured parts trigger a movement.

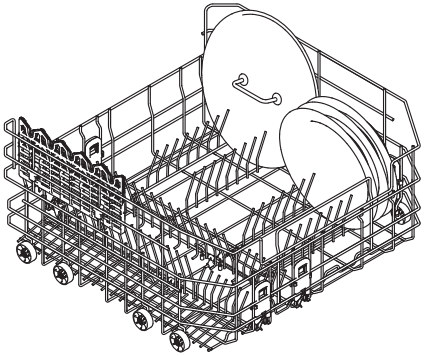
5.1 Loading tips for the lower basket

Overloading the basket can damage the appliance!
Do not exceed the maximum loading weight for the lower basket of **21 kg**.



Large items

- Load deep plates and lids on the right.



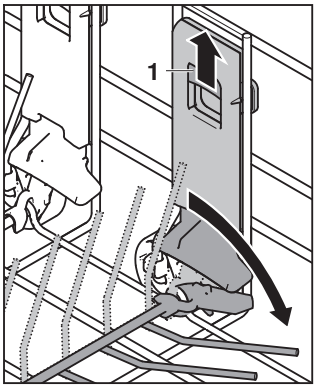
Rack use

The racks can be folded down to create more loading area.

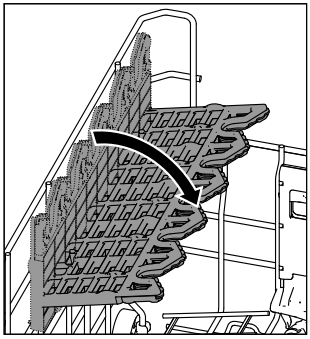
Tall and long-stemmed glasses

Load tall and long-stemmed glasses on the left-hand side of the basket.

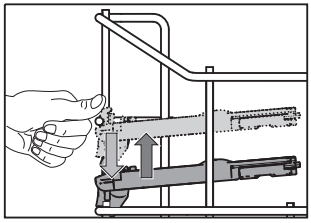
- Pull up the button at the side for the fold-down tines **1**.
- The row of fold-down tines folds down at an angle.



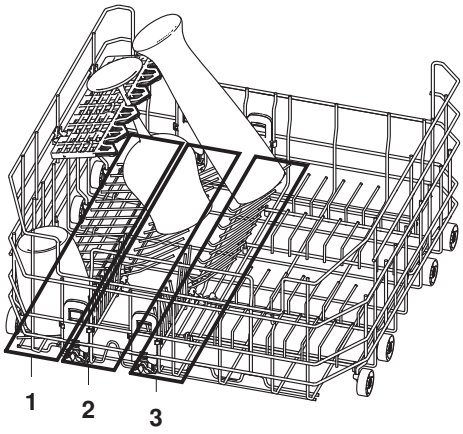
- Fold the rack down.

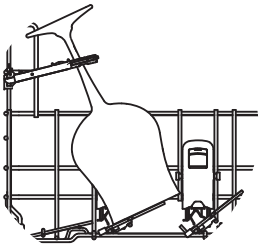


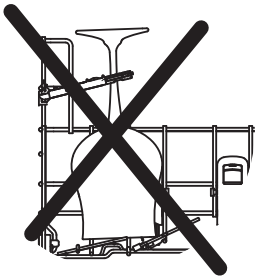
- Adjust the height of the rack:
- lower position: press the white tabs on the rack holder and push the rack downwards until it engages.
- upper position: push the rack upwards until it engages.

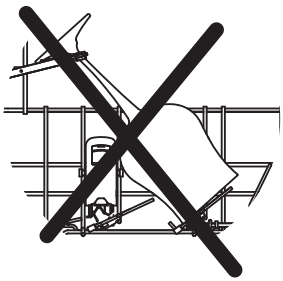


- Place wine and sparkling wine glasses (stemmed glasses) on the first row of tines **2** and secure them in the V-shape of the rack. Place beer glasses, tall glasses and vases on the second row of tines **3** and rest against the rack.
- Glasses and cups can be placed on the mat **1** below the racks.







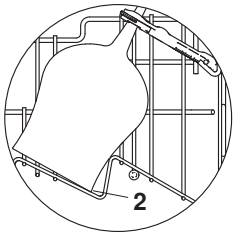


Thin glass is very vulnerable to damage.
Place stemmed glasses carefully in the basket.
Ensure the glasses are standing securely and not touching each other or other items.

Standing glasses securely on the second row of fold-down tines

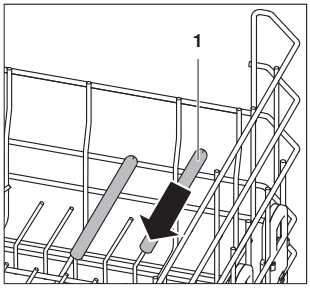
To stand glasses securely on the second row of fold-down tines, fold the first row of fold-down tines down at an angle.

To prevent water spots, load glasses so that at their lowest point they touch the basket shelf **2**.



Stabilizing drinking vessels with easy prongs

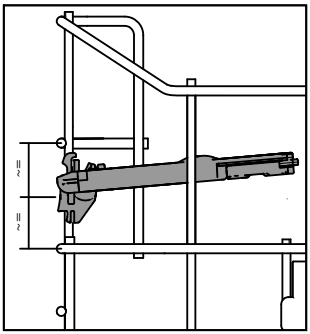
- Put easy prongs **1** over basket prongs.
- Arrange drinking glasses, baby bottles, vases and carafes.
- Use two easy prongs for wider vessels.



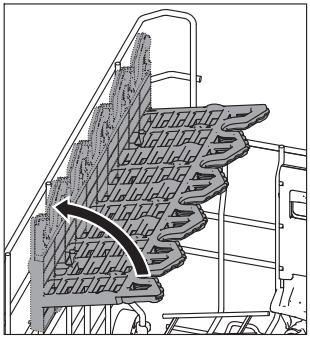
Removing the rack

The racks can be removed.

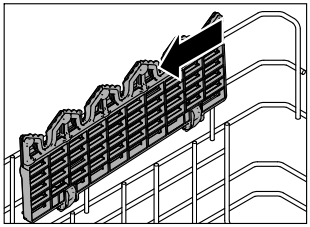
- Move the rack roughly into the middle of the two height positions.



- Fold up the rack.

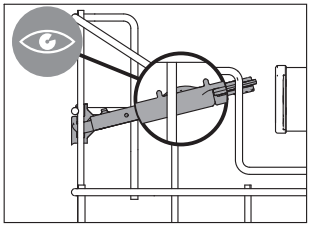


- Pull the rack holder away from the front.

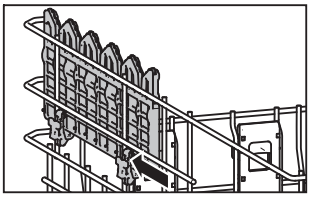


Attaching the rack

- Before attaching the rack:
  the rack cams must face upwards when it is attached.



- Hold the rack upright roughly in the middle of the two height positions.
- Place the rack holder on the wires.

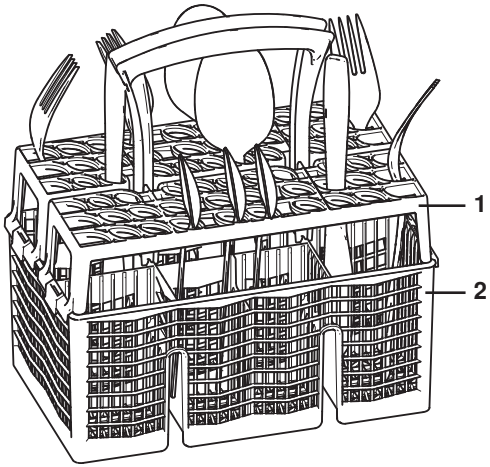


Loading the cutlery basket

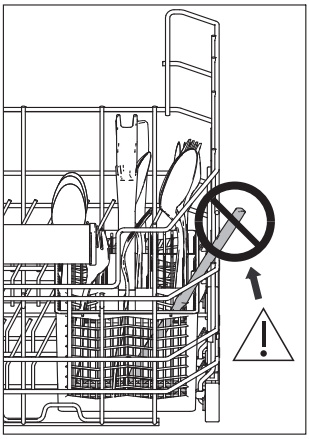
Risk of injury from being loaded incorrectly!
Place knives and cutlery with sharp edges or points into the cutlery basket with the points facing downwards. Place cutlery upright in the cutlery basket.

Sharp objects can damage the appliance!
Do not insert any knives, forks or other pointed objects into the opening of the door lock.

- Raise the basket prongs.
- Place the cutlery basket over the raised prongs anywhere in the basket.
- Distribute knives and the like among the compartments, with the points facing downwards.
- Distribute the rest of the cutlery loosely among the compartments, with handles pointing down.
- Spoons should not be stuck together.
- To prevent items of cutlery sticking together, water spots during drying, and smaller items slipping through the basket, put the inserts **1** supplied on the cutlery basket **2**.

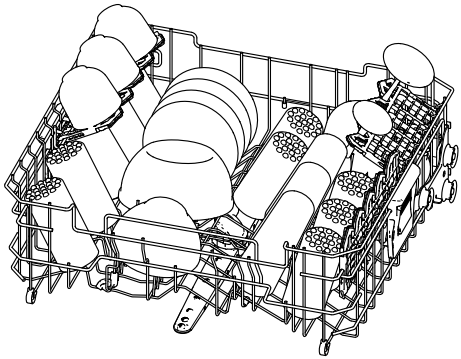


Risk of water leakage!
When closing the appliance door, ensure no items of cutlery are sticking out of the tub or are trapped. The leak tightness of the appliance cannot otherwise be assured.



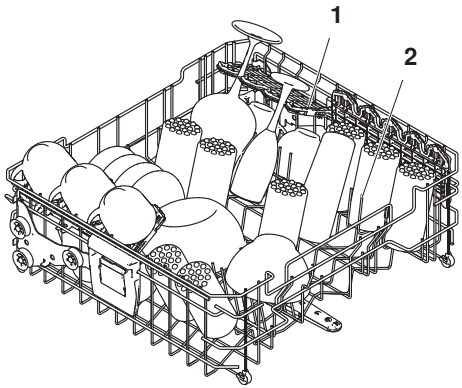
5.2 Loading tips for the upper basket

Overloading the basket can damage the appliance!
Do not exceed the maximum loading weight for the upper basket of **9 kg**.



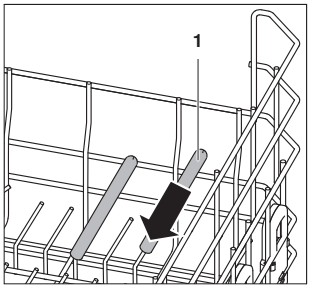
Loading smaller items

- Arrange smaller items such as saucers, glasses, cups and dishes.
- If using the fold-down racks **1**, stagger the items.
- Rest glasses on the fold-down glass holders **2**.



Stabilizing drinking vessels with easy prongs

- Put easy prongs **1** over basket prongs.
- Arrange drinking glasses, baby bottles, vases and carafes.
- Use two easy prongs for wider vessels.

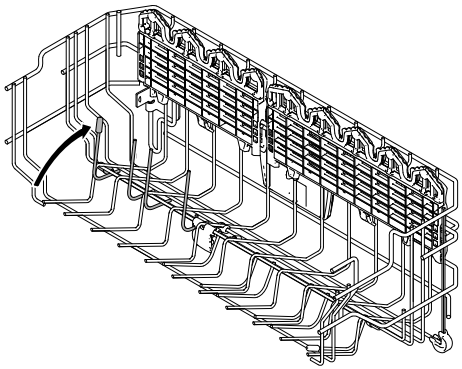


Loading tall glasses

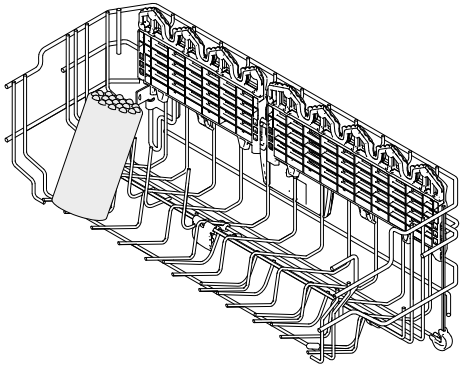
For tall glasses, use glass holders and racks for greater stability.

Glass holder

- Pull the row of tines up until it engages.

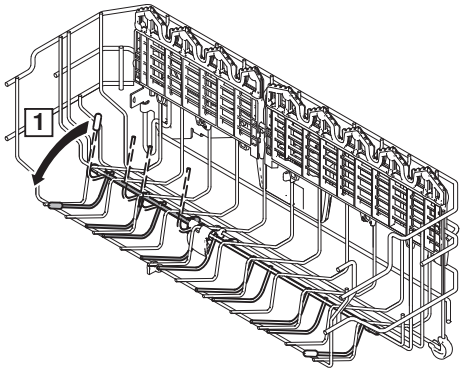


- Rest glasses against the row of tines.

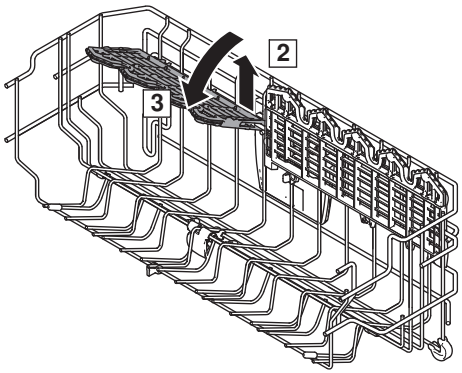


Rack

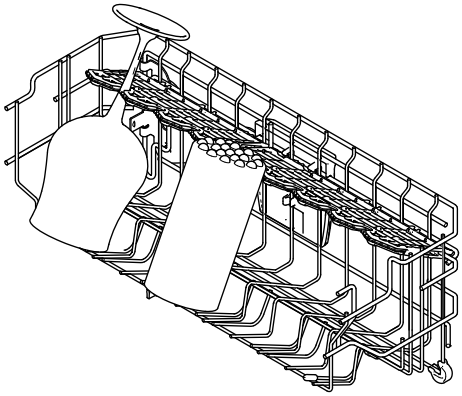
- Fold the row of tines **1** down.



- Pull the rack up **2** and fold down **3**.

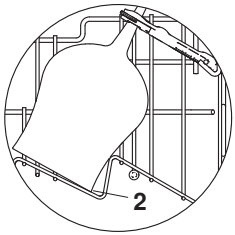


- Secure stemmed glasses in the V-shape of the rack. Rest tall glasses against the rack.



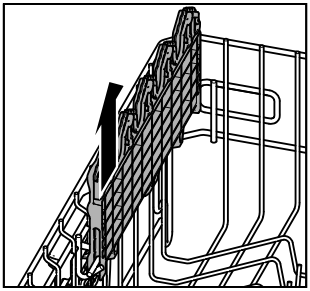
Thin glass is very vulnerable to damage.
Place stemmed glasses carefully in the basket.
Ensure the glasses are standing securely and not touching each other or other items.

To prevent water spots, load glasses so that at their lowest point they touch the basket shelf **2**.



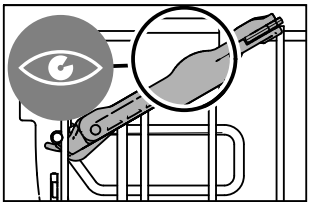
Removing the rack

- Pull the rack up as far as it will go.
- Remove the rack by pulling it upwards at the holder in the middle of the upper basket.

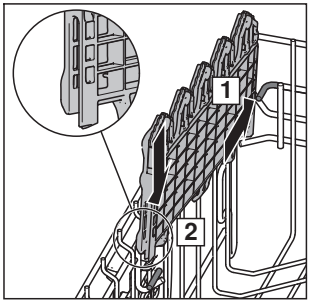


Attaching the rack

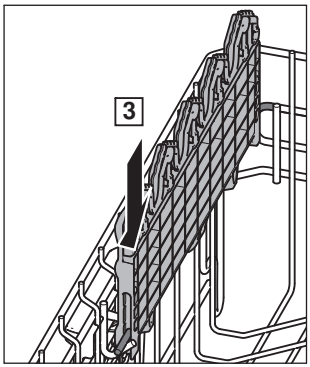
- Before attaching the rack:
  the rack cams must face upwards when attached.



- Push the rack in at the wire holder **1** at the back or at the front of the basket and then press down at the holder in the middle **2**.

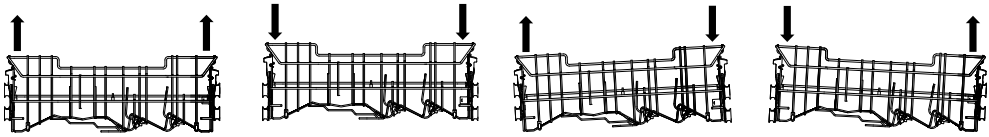


- Holding the rack upright, push down firmly **3**.

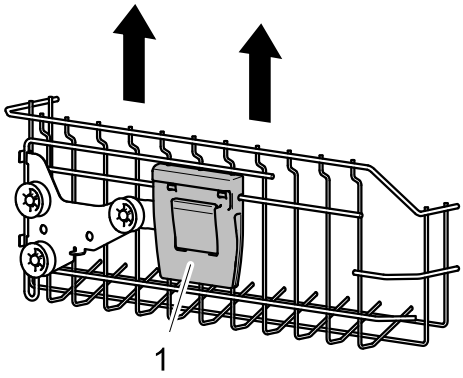


Adjusting the upper basket

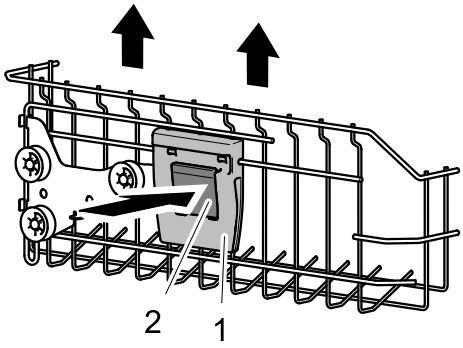
Depending on the model, the height of the upper basket can be adjusted by around 2–4 cm. It can be inclined in various ways.



- ▸ Hold the upper basket at the sides by the grips **1** and raise it into the desired engaged position.
  – The upper basket is raised.

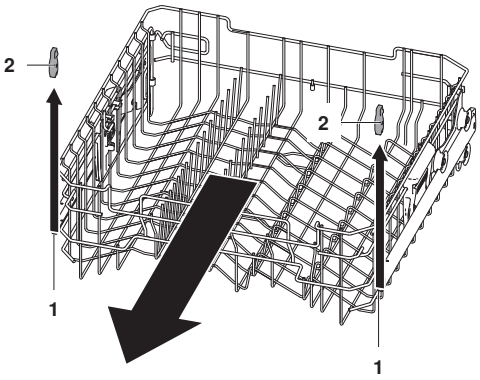


- ▸ Hold the upper basket at the sides by the grips **1**.
- ▸ Raise the upper basket slightly and press the button **2** at the same time.
  – The locking device is released.
- ▸ Lower the upper basket into the desired position, release the button and engage in position.
  – The upper basket is lowered.



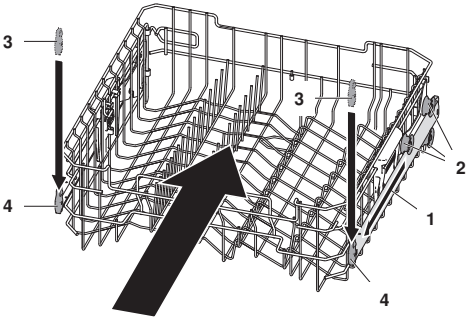
Removing the upper basket

- Pull the upper basket out almost as far as it will go.
- Holding the rail ends **1** from below, press the basket stoppers **2** upwards with your index fingers and thumbs.
- Remove the basket stoppers **2**.
- Slide the upper basket out.



Inserting the upper basket

- Extend the rails **1** as far as they will go.
- Slide the upper basket on to the rails **1** in such a way that the rollers **2** of the upper basket come to rest on the rails.
- Push the basket stoppers **3** on to the rail ends **4** and press tight.



5.3 Hints on loading the cutlery drawer *

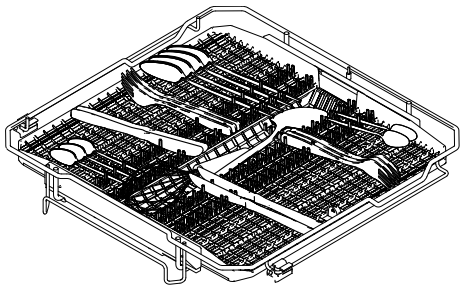
* Depending on model

Overloading the basket can damage the appliance!

Do not exceed the maximum loading weight for the cutlery drawer of **5 kg**.

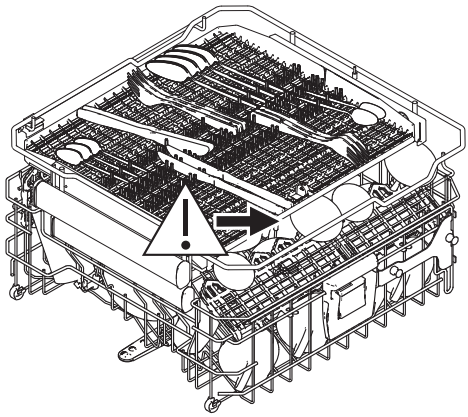
Loading cutlery

- Where possible, load cutlery with handles between the tines.
- With thick-handled cutlery or if the movable right side of the cutlery drawer is raised, place the mouthpiece or blade between the tines.



If the cutlery does not sit firmly, rearrange it with handles facing out and at a slight angle.

- Tall glasses: Raise the movable right side by 2 cm or push it into the middle.



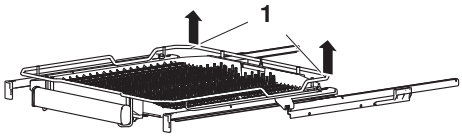
Risk of damage to tall glasses!

If tall glasses hit the cutlery drawer frame, they could get damaged.

Removing the cutlery drawer

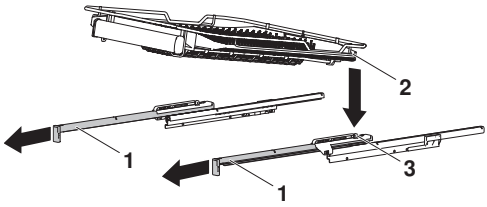
The cutlery drawer can be removed from the appliance for loading and unloading.

- Raise the back corners **1** of the cutlery drawer frame and click out of the fixture.
- Remove the cutlery drawer.



Inserting the cutlery drawer

- Extend the rails **1** as far as they will go.
- Position the back corners **2** of the cutlery drawer frame in the fixture **3** and press down gently until they click into place.



6 Operation

6.1 Dish washing tips

General note

- Do not overload the baskets.
- Dishes, pots and pans with heavily burned-on food debris stuck to them should be soaked in water first.
- Load beverage and food containers such as cups, glasses, pots, etc. with the opening facing downwards so that the water can drain off.
- When loading, ensure glasses do not touch so as to prevent damage and water spots.
- When cleaning range hood grease filters, select the «Intensive» programme and use the maximum amount of detergent.

Energy and water economy

- Load to the maximum capacity of the appliance.
- Do not pre-rinse the dishes manually. This leads to increased water and energy consumption.
- If the dishes are cleaned in the dishwasher following the operating instructions, then, as a rule, less water and energy are consumed than with manual washing.

Dishes

Not all table- and kitchenware are dishwasher safe.

- Clean wooden or plastic parts that are sensitive to damage from heat and detergent suds by hand.
- Pottery has a tendency to crack or chip.
- The printing on glass and porcelain is hard-wearing only to a point and eventually over time can wear off.
- Glassware, depending on the type and the detergent being used, can become cloudy. Check with your glassware supplier as to whether your glassware is dishwasher safe.
- Stress and tension in thick cut crystal glasses and dishes can cause cracking.
- Do not wash dishes with adhesive labels on them. Adhesive labels can come off and clog up the filter system.
- Objects made of silver, copper and tin tend to discolour, turning brown or black.
- Spots tend to form on aluminium. Wash aluminium separately or by hand.

6.2 Selecting detergent

General note

Do not use washing-up liquid! Strong foaming can cause the appliance to malfunction. Follow the dosage instructions printed on the detergent packaging exactly. Should you have any questions, please contact the detergent manufacturer. Using too high or too low a dosage can cause damage to the appliance.

▶ Only use detergent suitable for dishwashers (tabs, powder, gel, combination cleaning products).

Tabs

Tabs are suitable for programmes with wash temperatures of over 55 °C. Tabs may not dissolve properly in short programmes with wash temperatures of below 55°C, affecting the cleaning performance of the appliance.

Combination cleaning products (tabs/powder)

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

- Check that the water hardness range indicated by the detergent manufacturer on the product packaging matches the hardness of your local water supply.
- Activate the «All in 1» user setting (see page 41).
  – The programmes and displays are adapted to suit the combination cleaning product.
- If the refill indicator flashes, refill the salt reservoir with regeneration salt.
- If the refill indicator flashes, refill the rinse agent reservoir with rinse agent.

If, after washing and drying, the results are not satisfactory:
- use conventional cleaning products.
- Deactivate the «All in 1» user setting (see page 41).

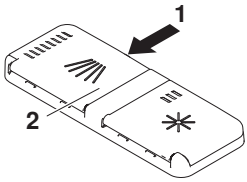
For complaints, contact the detergent manufacturer.

6.3 Adding the detergent

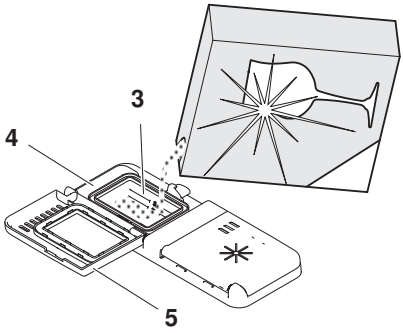
Ensure no cleaning agent gets into the opening of the door lock. This can cause the door lock to malfunction.

Powder

- Open the detergent dispenser **2** by pushing the release catch **1** in the direction of the arrow.

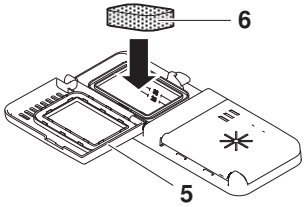


- Observe the «20 and 30 ml» level marks **3**.
- Add the detergent to the detergent dispenser. For dosage, follow the detergent manufacturer's instructions.
- For heavier soiling, add approx. 1 teaspoon of detergent to the pre-rinsing compartment **4**.
- Close the cover **5**.



Tabs

- ▶ Place the tab **6** flat in the detergent compartment.
- ▶ Close the cover **5**.



6.4 Operating the display

Programmes, setting options, user settings, permanent mode and favourites can be selected by touching or depressing and holding the relevant buttons.

Touching a button

Briefly touching a selectable or selected button enables the user to

- change from one menu into the next highest level.
- display other functions in the same menu.
- activate selectable functions.
- deactivate selected functions.

Holding a button depressed

Holding a button depressed enables the user to easily

- save a programme as a ♡ favourite (see page 38).
- delete 🗑 a favourite (see page 39).
- get information ⓘ about a function (see page 42).
- use a programme in permanent ∞ mode (see page 37).

For programmes

- ▶ Hold the button for the desired programme, e.g. , depressed until the ♡, ⓘ and ∞ buttons appear in the display next to the programme selected.

For favourites

- ▶ Hold the button for the desired favourite, e.g. , depressed until the 🗑, ⓘ and ∞ buttons appear in the display next to the favourite selected.

For setting options and all user settings

- ▶ Hold the button for the desired function depressed until the ⓘ button appears in the display next to the desired function.

6.5 Selecting and starting a programme

Selecting a programme

- Touch the dark display.
  – The start screen appears.
- On the start screen, touch the › button repeatedly until the desired programme appears.
- Touch the desired programme, e.g. .
  – The programme selected appears in the display.

- Touch the button to add setting options.
  – A selection of setting options appears in the display.

- Touch the desired setting option, e.g. e.
- Use the programme in permanent mode (see page 37) or save it as a favourite (see page 38), as required.

Changing programme selection

- Touch the button repeatedly until the start screen appears.
  – The selection made has been discarded.
- Make a new selection.

Cancelling programme selection

- Touch the button repeatedly until the start screen appears.
- Close the appliance door.
  – The display goes dark.

Starting a programme

- Once all the necessary settings for the programme have been made, close the appliance door.
  – The programme starts immediately.
  – Depending on the model, the FunctionLight illuminates.

If the appliance door is not closed within 30 seconds, all entries, symbols and the display are cleared; an acoustic signal is also emitted. The programme must be selected again.

6.6 Adding extra dishes

The dishes and water may be hot. Scalding hazard!

- Open the appliance door carefully.
  – This interrupts the programme.
  – The interrupted programme alternates in the display with the «Close the door» message.

- Load the dishes.
- Close the appliance door.
  – The programme is resumed.

6.7 Aborting a programme before time

The dishes and water may be hot. Scalding hazard!

- Open the appliance door carefully.
  – This interrupts the programme.
  – The interrupted programme alternates in the display with the «Close the door» message.

- Touch the ✕ button.
  – The following message appears in the display:

- Touch «YES».
  – In the display appears: «The programme is aborted...»
  – The water is pumped off.
  – A 5× acoustic signal is emitted.
  – The display goes out.
  – The programme is aborted.

6.8 Unloading dishes

The dishes can be unloaded either at the end of the programme or when the final drying phase finishes. For optimum drying results, it is recommended that the appliance only be unloaded after the final drying phase has finished.

End of programme and final drying phase

When the programme has finished,
- a 5× acoustic signal is emitted.

Then the final drying phase begins:
- Depending on the model, either the display illuminates or the FunctionLight flashes.
- The appliance door opens automatically.

Closing the appliance door can damage the appliance!
The appliance door must not be closed after opening automatically. The door opener could otherwise get damaged!

When the final drying phase has finished,
- 3 long acoustic signals are emitted.
- the energy and water consumption of the programme appears in the display for about 10 seconds.
- the display goes out.
- the appliance enters the energy-saving «EcoStandby» mode.

Unloading the appliance

- Remove the dishes. Unload the lower basket first.
- Periodically check the filter system and clean if necessary.

7 Programme options

7.1 Delayed start

The delayed start allows you to wash during off-peak hours (e.g. at off-peak electricity rates). It can be set briefly after selecting a programme.
A delayed start of between 30 minutes and 24 hours can be set.

Setting the delayed start duration

- On the start screen, touch the › button repeatedly until the desired programme appears.
- Select the desired programme and any desired setting options (see page 33).
- Touch the ▸☰ button.
- Touch the ⏲ button.
  – The delayed start menu appears in the display.

- Touch the + or – button repeatedly until the desired duration appears.
- Touch the ⮌ button.
  – The setting options menu appears in the display.
  – The duration selected is saved.
- Close the appliance door.
  – Depending on the model, the display goes dark.
  – The set duration counts down.
  – When the delayed start duration is up, the programme selected starts automatically.
  – No acoustic signal is emitted at the end of the programme.

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

Cancelling a delayed start and programme

- Open the appliance door.
- Touch the ✕ button.
- Touch «Yes».
  – The delayed start and programme are cancelled.

7.2 Programme in permanent mode

Only one programme can be used in permanent mode. When the appliance door is opened, the programme appears on the start screen and can be started immediately. A programme used in permanent mode can be deleted at any time.

Saving a programme as permanent mode

- On the start screen, touch the > button repeatedly until the desired programme appears.
- Hold the button for the desired programme, e.g. , depressed until the ♡, ⓘ and ∞ buttons appear in the display next to the programme selected.

- Touch the ∞ button and confirm the prompt with «YES».
  – The programme used in permanent mode appears in the display.

Starting a permanent mode programme

- Open the appliance door.
  – The programme used as permanent mode appears in the display.
- Touch the ▶ button.
- Close the appliance door.
  – The programme starts.

Ending permanent mode

- Open the appliance door.
  – The programme used as permanent mode appears in the display.
- Touch the ∞ button and confirm the prompt with «YES».
  – The start screen appears in the display.
  – The permanent mode is ended.

7.3 Favourites

Up to 5 programmes with or without setting options can be saved as favourites. Programmes saved as favourites appear on the start screen after the «Eco» programme and can be deleted at any time.

Creating favourites without setting options

This function is suitable for displaying programmes on the start screen that are not displayed on it by default.

- On the start screen, touch the > button repeatedly until the desired programme appears.
- Hold the button for the desired programme, e.g. , depressed until the ♡, ⓘ and ∞ buttons appear in the display next to the programme selected.

- Touch the ♡ button and confirm the prompt with «YES».
  – The programme selected appears in the display with a heart, e.g. .

Creating favourites with setting options

- Select a programme along with setting options (see page 33).

- Touch the ♡ button and confirm the prompt with «YES».
  – The programme selected appears in the display with a heart, e.g. .

Starting favourites

- On the start screen, touch the > button repeatedly until the desired favourite appears.
- Touch the button for the desired favourite, e.g. .
- Adjust the setting options as required (see page 33).
- Once all the necessary settings for the programme have been made, close the appliance door.
  – The programme starts immediately.
  – Depending on the model, the FunctionLight illuminates.

Using favourites in permanent mode

- On the start screen, touch the > button repeatedly until the desired favourite appears.
- Hold the button for the desired favourite, e.g. , depressed until the , ⓘ and ∞ buttons appear in the display next to the favourite selected.

- Touch the ∞ button and confirm the prompt with «YES».
  – The programme used in permanent mode appears in the display.

Deleting favourites

- On the start screen, touch the > button repeatedly until the desired favourite appears.
- Hold the button for the desired favourite, e.g. , depressed until the , ⓘ and ∞ buttons appear in the display next to the favourite selected.

- Touch the button and confirm the prompt with «YES».
  – The favourite is deleted.

7.4 Permanently selecting setting options

Assigning setting option to each programme

- On the start screen, touch the > button repeatedly until «User settings» appears.
- Select the «Setting options Permanent selection» user setting.
  – The «Setting options Permanent selection» user setting appears.

- Touch the desired setting option, e.g. .
  – The setting option selected appears in the display with a drawing pin, e.g. .

  – The next time a programme is selected, the setting option selected is automatically assigned to each programme.
- Permanently select other setting options as required.
- Touch the button to access the main user settings menu.

Temporarily turning off a permanent setting option

- Touch the desired programme, e.g. .
  – The programme selected appears in the display.

- Touch the ▸Ξ button.
  – A selection of setting options appears in the display.

- Touch the permanently selected setting option, e.g. .
  – The «Energy saving» e setting option is temporarily turned off for the «Intensive» programme.
- Select other setting options as required.
- Start the programme (see page 33).

When the «Intensive» programme is selected in the future, all permanently selected setting options appear again.

7.5 Childproof lock

Activating

- On the start screen, touch the › button repeatedly until the user setting «Childproof lock» appears.
- Touch the button.
- Touch the button.
  – The following appears in the display: «To activate the childproof lock, please enter the code 3221 backwards.»
- Touch the × button to confirm the message.
  – The input field for the code appears in the display.

- Enter the code as given in the «Frequently used user settings» section (see page 16).
  – The childproof lock is activated.

Operation with the childproof lock activated

The childproof lock has to be overridden before a programme can be selected.

- Open the appliance door.
  – The input field for the code appears in the display.
- Enter the code 1223 (see page 16).
  – The appliance is unlocked.
  – The appliance can be operated as usual.

Deactivating

- On the start screen, touch the > button repeatedly until the user setting «Childproof lock» appears.
- Touch the button.
- Touch the button.
  – The childproof lock is deactivated.

7.6 All in 1

Activating

- On the start screen, touch the > button repeatedly until the user setting used «All in 1» appears.
- Touch the button.
  – «All in 1» is activated.
- Touch the < button repeatedly to access the start screen.
- Add the combination cleaning agent (see page 31).
- Select a programme (see page 33).

Deactivating

- On the start screen, touch the > button repeatedly until the user setting used «All in 1» appears.
- Touch the button.
  – «All in 1» is deactivated.
- Touch the < button repeatedly to access the start screen.

7.7 Wipe protection

- On the start screen, touch the > button repeatedly until the user setting «Wipe protection» appears.
- Touch the button.
  – The display is locked for 10 seconds.
  – The display can now be cleaned.
  – The countdown to the unlocking of the display is shown.
  – The start screen appears as soon as the display is unlocked.

7.8 EcoManagement

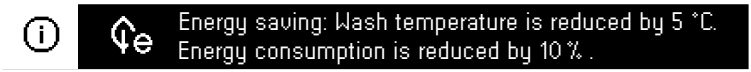
- Touch the e button.
  – The energy and water consumption of the last programme appears in the display.

- Touch the ∨ button.
  – The average energy and water consumption of the last 25 programmes appears in the display.

- Touch the ∨ button again.
  – The total energy and water consumption of the last 25 programmes appears in the display.

7.9 Information

- Hold the button for the desired function depressed until the ⓘ button appears in the display next to the desired function.
- Touch the ⓘ button.
  – A description of the function appears in the display.



- Touch the ⓘ button to close the information.

8 V-ZUG-Home

Download updates and special programmes to your appliance via V-ZUG-Home so that you are always up to date.
You can download special programmes to your dishwasher. For more information, visit https://www.vzug.com/ch/en/service/devices/v-upgrade

Hereby, V-ZUG Ltd declares that the radio equipment type is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: https://www.vzug.com/nl/nl/guidance-for-testing-institutes

8.1 Conditions

The following conditions must be met for full use of V-ZUG-Home:
- Access to the internet and to Google Play™ Store / App Store®
- Smartphone or tablet that is connected to the home network
- System requirements for smartphone or tablet: from Android 10.0 or from iOS 15.0
- WLAN/Wi-Fi that meets one of the following standards: 2.4GHz 802.11 b/g/n

Google Play™ is a trademark of Google Inc.

Apple and the Apple logo are trademarks of Apple Inc., registered in the U.S. and other countries. App Store® is a service mark of Apple Inc.

8.2 Initial set-up

When establishing a connection, stay close to your household appliance and have the password for your wireless network at the ready.

Installing the app

- ▸ Enable bluetooth and location determination on the smartphone or tablet.
- ▸ Search the Google Play™ Store or the App Store® for «V-ZUG».
- ▸ Install and open the V-ZUG App.

Enabling the V-ZUG-Home mode on the appliance

- ▸ Set to the «Display» or «Operate and display» mode under «V-ZUG-Home» in the user settings.

Connecting the appliance to the home network

- ▸ In the V-ZUG App, add the household appliance.
  - – A bluetooth pairing request appears in the V-ZUG App.
  - – A 6-digit PIN appears in the display of the household appliance.
- ▸ Enter the 6-digit PIN in the V-ZUG App and confirm the bluetooth pairing request.
  - – The name of the active WLAN/Wi-Fi appears in the V-ZUG App and then you are prompted to enter the WLAN/Wi-Fi password.
- ▸ Enter the WLAN/Wi-Fi password.
  - – The household appliance is connected to the active WLAN/Wi-Fi connection.

Further information on V-ZUG-Home and its availability can be found at home.vzug.com.

9 User settings

9.1 Changing the user settings

The user settings can be changed at any time.

- On the start screen, touch the > button repeatedly until ⚙ «User settings» appears.
- Touch the ⚙ button.
  - The user settings menu appears in the display.

- Touch the > button repeatedly until the desired user setting appears.
- Touch the desired user setting.
  - The user setting selected appears white.
- Make the desired setting.
- Touch the ↩ button to access the main user settings menu.

9.2 Overview of user settings

Language	Selection
The language in the display can be changed. Different languages are available for selection.	▪ English ▪ (...)
Brightness	**Selection**
The brightness of the display can be changed using the + and – buttons. Five different levels of brightness are available for selection.	▪ Level 1: very dark ▪ Level 2: dark ▪ Level 3: medium (factory setting) ▪ Level 4: bright ▪ Level 5: very bright
Signals and tones	**Selection**
There are 2 types of signal or tone: button tones and acoustic signals. Button tones are emitted when buttons are touched. Acoustic signals are emitted when a programme ends, when the final drying phase finishes and in the event of a malfunction. The loudness of both signals and tones can be changed or turned off. Two different levels of loudness are available for selection.	▪ : Off ▪ : Low (factory setting) ▪ : High
Setting options Permanent selection	**Selection**
Touch a setting option to assign it automatically to each programme (see page 39). The «Energy saving» e setting option is not activated for the «Pre-rinsing» programme.	▪ e: Energy saving ▪ : Delayed start ▪ : RinsePlus ▪ DryPlus

Rinse agent dosage	Selection
The rinse agent dosage is automatically adjusted to the load and the water hardness. If the drying result is unsatisfactory, the dosage can be set manually to one of 12 levels. The rinse agent dosage can be turned off.	▪ Automatic (factory setting) ▪ Level 1–12 ▪ Off

Water hardness	Selection
The unit of water hardness can be set to «°fH» or «°dH» . The water hardness setting can be changed to suit local conditions. Contact your local water authority or see www.trinkwasser.ch for the relevant information.	▪ °fH: French degree of hardness (factory setting: 26–30) ▪ °dH: German degree of hardness

	Soft		Medium			Hard			Very hard				
°fH	1–5	6–10	11–15	16–20	21–25	26–30	31–35	36–40	41–50	51–60	61–70	71–80	81–120
°dH	1–3	4–6	7–9	10–12	13–14	15–16	17–19	20–22	23–27	28–32	33–38	39–45	45–65

°C/°F Temperature unit	Selection
The temperature unit can be displayed in «°C» or «°F».	▪ °C: Degrees Celsius (factory setting) ▪ °F: Degrees Fahrenheit

Interior illumination	Selection
If the user setting is activated, from a certain door opening angle the interior is illuminated for the set duration. Five different durations are available for selection.	▪ : Activated (factory setting: 10 minutes) ▪ : Deactivated

FunctionLight *	Selection
The brightness of the illumination of the door gap can be changed or deactivated using the + and – buttons. Three different levels of brightness are available for selection.	▪ : Activated (factory setting: Level 2) ▪ : Deactivated

* Depending on model

Automatic door opener	Selection
If the user setting is activated, the appliance door opens slightly automatically during the drying and final drying phase to save energy. If the user setting is deactivated, the programme time is extended by 10 minutes.	▪ : Activated (factory setting) ▪ : Deactivated

Automatic stand-by	Selection
If the user setting is activated, the information in the display goes out at the end of the programme. If the user setting is deactivated, the information can be displayed by operating the appliance door. Press any button and the display then goes out.	▪ : Activated (factory setting) ▪ : Deactivated

V-ZUG-Home	Selection
With V-ZUG-Home, you can access your appliances over the V-ZUG App to, for instance, retrieve and change the user settings or retrieve various statistics about your household appliances.	▪ : Off (factory setting) ▪ : Display ▪ : Operate

Further information on V-ZUG-Home and its availability can be found at home.vzug.com.

EcoManagement	Selection
If the user setting is activated, EcoManagement provides information on the energy and water consumption of the appliance. With «Delete» , all consumption values are reset to «0».	▪ : Activated (factory setting) ▪ : Delete ▪ : Deactivated

Hot water connection	Selection
If the appliance has a hot water connection and the setting is activated, optimum use is made of the hot water available. For the «No heating» setting: only enable if the inlet water is 60° C. The dishes may not be completely dry by the end of the programme. Leave the dishes in the appliance (e.g. overnight) to dry.	▪ : Activated ▪ : No heating ▪ : Deactivated (factory setting)

Deleting favourites	Selection
Touch «Delete» and confirm the prompt to delete all the favourites.	▪ : Deleting

Factory setting	Selection
With «YES», all user settings are reset to the factory settings.	▪ YES ▪ NO

Service settings
The service settings are only available for use by service staff.

10 Demo mode

10.1 General information

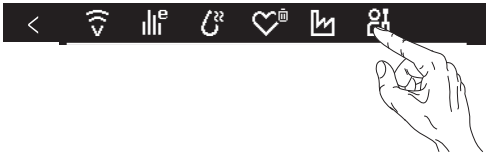
The demo mode is a simulation programme where all programmes are carried out without water or heating.
The appliance can be fully operated in the demo mode, but it will not wash.
Service settings may only be made by qualified personnel.
When the demo mode is on, the following messages appear:

- When the appliance wakes up

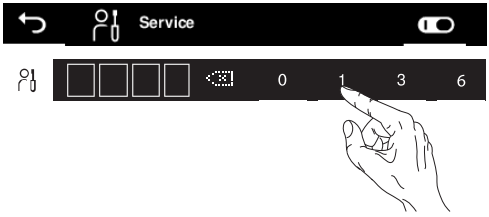
- In the user guidance

10.2 Switching on

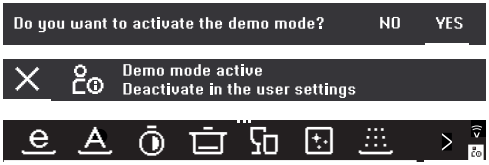
- On the start screen, touch the > button repeatedly until ⚙ «User settings» appears.
- Touch the ⚙ button.
  – The user settings menu appears in the display.
- Touch 🔧.



- Touch ⊷ to activate.
- Enter 6301.



- Confirm.
- Touch ✕.



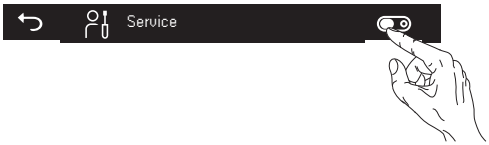
- Display symbol bottom right

⚠ **Do not make any other changes to the service settings as otherwise this can affect the appliance and display functions.**

10.3 Switching off

- On the start screen, touch the > button repeatedly until ⚙ «User settings» appears.
- Touch the ⚙ button.
  – The user settings menu appears in the display.
- Touch 🔧.

- Touch ⊂⊃ to deactivate.



- Enter 6301.

- Confirm.

- Display symbol bottom right is removed.

⚠ **Do not make any other changes to the service settings as otherwise this can affect the appliance and display functions.**

11 Care and maintenance

11.1 Cleaning the interior and exterior

With frequent use of programmes with low temperatures (under 55 °C) such as the Eco programme make sure to run the Machine care programme every now and again.

Cleaning the interior

Using the correct dosage of detergent will automatically clean the interior of the appliance.
A message indicating it is time to run the Machine care programme appears periodically:

- The message can be cancelled with ✕. After cancelling it three times, the message will appear again periodically.

Running the Machine care programme

- Cancel the message with ✕.
- Empty the appliance (so that there are no dishes in the baskets).
- Clean the filter system.
- Add standard dishwasher cleaner as per the instructions on the packaging.
- Run the Machine care programme.

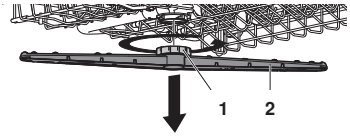
Use a standard dishwasher cleaner on a regular basis to ensure perfect results and a long appliance life.

Cleaning the exterior

- Do not use abrasive or caustic cleaning agents.
- Do not use scouring pads, steel wool, etc. as they can damage the surface.
- Remove any soiling or residues of cleaning agent immediately. Only use washing-up liquid or glass cleaner.
- Clean the surfaces with a soft, damp cloth only – for metal surfaces rub in the direction of the polish lines.
- Clean the operating panel with a damp cloth and then wipe dry. Only use washing-up liquid or glass cleaner.
- Regularly clean the door seal and edges with a soft, damp cloth.

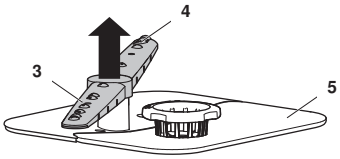
11.2 Cleaning the spray arms

Upper spray arm



- ▶ Remove the upper basket.
- ▶ Release the 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.

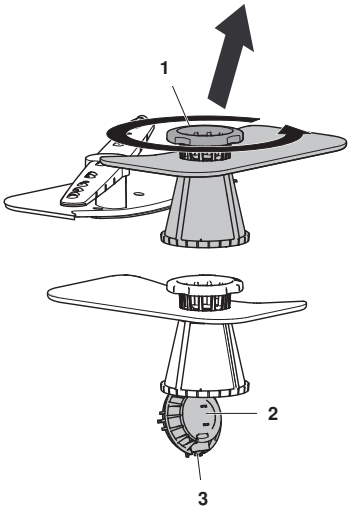
Lower spray arm



- ▶ Hold the spray arm **3** in the middle and pull hard upwards.
- ▶ Rinse the spray arm well under running water.
- ▶ Check the nozzles **4**.
- ▶ Clean the filter system **5** and the coarse filter (see page 50).

11.3 Cleaning the filter system

Only use soft materials for cleaning beneath the filter system. Never use metal objects.
An incorrectly assembled filter system can cause the appliance to malfunction.

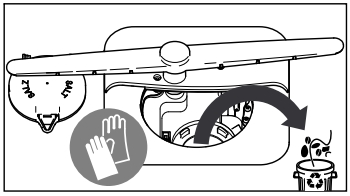


- ▶ Open the appliance door and pull out the lower basket.
- ▶ Release the filter system in fine filter **1** in an anti-clockwise direction and remove.
- ▶ Open the coarse filter **2** by pressing on closing lug **3** and clean the filter system under running water using a brush.

Risk of cuts to hands

Splinters of glass and very sharp bits can get deposited in the pump sump. Wear cut-resistant gloves when cleaning the pump sump.

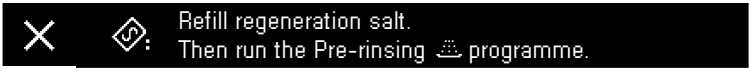
- Remove coarse detritus from the pump sump.
- Replace the filter system and turn the fine filter **1** as far as it will go in a clockwise direction.



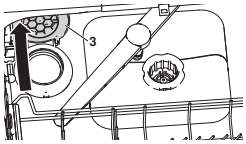
11.4 Refilling with regeneration salt

Never fill the salt reservoir with detergent!

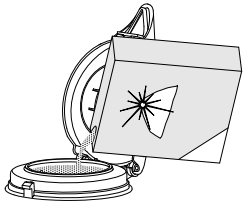
When the supply of regeneration salt is exhausted, the refill indicator flashes and the following appears in the display:



- Open the box of regeneration salt.
- Open the appliance door and remove the lower basket.
- Open the cover **3** on the salt reservoir by lifting up the grip.



- For initial set-up only: add 1 l water.



- Fill with 1 kg standard regeneration salt.
- Wipe away any excess salt around the edge of the salt reservoir.
- Close the cover **3** on the salt reservoir and engage the latch.
- Run the «Pre-rinsing» programme without dishes to protect the appliance from corrosion from any excess salt.

Approximate consumption of regeneration salt

The consumption of regeneration salt depends on the hardness of the water supply. The lower the water hardness, the greater the number of wash cycles per kg of regeneration salt.

Wash cycles per kg salt	°fH [1]	°dH [2]
∞	1–5	1–3
680	6–10	4–6
360	11–15	7–9
250	16–20	10–12
150	21–25	13–14
125	26–30	15–16
100	31–35	17–19
85	36–40	20–22
60	41–50	23–27
45	51–60	28–32
35	61–70	33–38
28	71–80	39–45
20	81–120	45–65

[1] French degree of water hardness
[2] German degree of water hardness

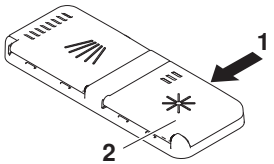
11.5 Filling with rinse agent

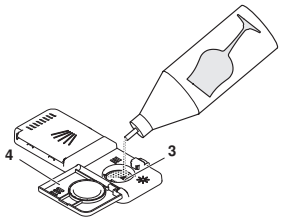
Never put detergent in the rinse agent reservoir! Wipe away any spilt rinse agent. Risk of foaming. Follow the manufacturer's safety instructions and warnings.

Rinse agent prevents water spotting after final rinsing (rinsing with rinse agent).

When the supply of rinse agent is exhausted, the refill indicator flashes and the following appears in the display:

- Open the rinse agent reservoir **2** by pushing the release catch **1** in the direction of the arrow.
- Fill with rinse agent up to the «max» mark **3** (with factory setting: 1.3 dl = approx. 35 wash cycles).
- Close the cover **4**.
- Wipe away any spilt rinse agent.





12 Trouble-shooting

You may be able to trouble-shoot the following errors yourself. If not, note down the error message in full and the serial number (SN), which can be found on the identification plate, and call Customer Services.

12.1 Error messages

In the event of error messages follow the instructions on the operating panel. After trouble-shooting a problem, touch ✕. The appliance can be operated as usual again.

- In the event of a malfunction, an acoustic signal is emitted for 1 minute.

Display	Possible cause	Solution
A0 Foaming?	▪ High-foaming detergent was used. ▪ Spilt rinse agent. ▪ Washing-up liquid was used.	▶ Wipe away spilt rinse agent with a cloth. ▶ Get rid of the foam with approx. 1 dl edible oil. ▶ Cancel the error message by pressing the ✓ button. ▶ Run the «Pre-rinsing» programme.
A1 Check filter system	▪ Filter system is not inserted. ▪ Filter system is not fully locked in place.	▶ Clean filter system and re-insert correctly. ▶ Turn the fine filter as far as it will go in a clockwise direction.
A2 Check water outlet	▪ Filter system is clogged up. ▪ Drain hose is bent or kinked. ▪ Drain pump or drain trap is blocked. ▪ Excessive foaming due to rinse agent spillage.	▶ Clean the filter system. ▶ Fix the problem. ▶ Cancel the error message by pressing the ✓ button. ▶ Restart the programme.
A9 Check water inlet	▪ Water tap is turned off. ▪ Water inlet filter is blocked. ▪ Interruption in the water supply. ▪ Water pressure is too low.	▶ Fix problem or wait until water supply is restored. ▶ Cancel the error message by pressing the ✓ button. ▶ Restart the programme.
F8 / **E18** Water temperature sensor	▪ Water intake is hotter than 79 °C (hot water connection).	▶ Have a plumber reduce the temperature of the water intake.

Display	Possible cause	Solution
F... / E...	▪ Various situations can lead to an «F» message.	▶ Cancel the error message by pressing the ∨ button. If the error message persists: ▶ 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 SN (see page 67). ▶ Turn off the water tap and the power supply. ▶ Call Customer Services.
U... / E...	▪ Faulty electrical connection. ▪ Overvoltage.	▶ Cancel the error message by pressing the ∨ button. If the error message persists: ▶ 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 SN (see page 67). ▶ Disconnect the power supply to the appliance. ▶ Have the electrical installation checked by an expert.

12.2 Other possible problems

Problem	Possible cause	Solution
The appliance will not start.	▪ There could be several reasons for this.	▶ Close the appliance door. ▶ Insert plug into mains socket. ▶ Check the fuse or circuit breaker. ▶ See the «Operation with the child-proof lock activated» section (see page 40). ▶ If the appliance will still not start: Call Customer Services.

Problem	Possible cause	Solution
An unpleasant smell tends to come from the appliance.	▪ There could be several reasons for this.	▶ Clean the filter system. ▶ Select a more powerful programme. ▶ Refill the salt reservoir with enough regeneration salt.
The time display freezes for up to 4 minutes at the beginning of the programme or during the wash cycle.	▪ Water softener is being flushed through after the regeneration process. ▪ The duration of the programme and the time display are being adjusted to the degree of soiling of the load.	▶ No action required.

12.3 Unsatisfactory washing results

Problem	Solution
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 whether the spray arms are clogged or dirty. ▶ Use the correct amount of detergent or use a different kind of detergent (see page 30). ▶ Set to the right water hardness in the user settings (see page 44). ▶ Refill the salt reservoir with regeneration salt.
There is a white film on the dishes.	▶ Clean the appliance with dishwasher cleaner. ▶ Refill the salt reservoir with regeneration salt and run the «Pre-rinsing» programme without dishes. ▶ Use the correct amount of detergent or use a different kind of detergent (see page 30). ▶ Refill the rinse agent reservoir with rinse agent. ▶ Increase the rinse agent dosage in the user settings (see page 44). ▶ Set to the right water hardness in the user settings (see page 44). ▶ If not using «All in 1» detergent, turn «All in 1» off in the user settings (see page 41).
Glassware becomes cloudy or streaky. The residue cannot be wiped off.	▶ The glassware is not dishwasher safe. Use glassware that is dishwasher safe.
There are streaks and lines on the dishes.	▶ Reduce the rinse agent dosage in the user settings (see page 44).

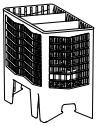
Problem	Solution
The dishes are wet and dull or have water marks on them.	▶ Refill the rinse agent reservoir with rinse agent. ▶ Increase the rinse agent dosage in the user settings (see page 44). ▶ Use a different rinse agent. ▶ Do not open the appliance door until the end of the programme when a 3× acoustic signal is emitted and the display or the FunctionLight goes out (depending on model).
There are rust spots 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. ▶ Refill the salt reservoir with regeneration salt and run the «Pre-rinsing» programme without dishes.
The detergent is not fully dissolved.	▶ Check whether the spray arms are clogged or dirty. ▶ Use a different kind of detergent. ▶ Check the detergent dispenser cover. ▶ Check whether the filter system is clogged and clean if necessary.
There is discolouring of the baskets and plastic parts inside the appliance.	Dishes that still had discolouring food leftovers (e.g. tomato or curry sauce) on them or silver cutlery were washed. The discolouration may fade after a few wash cycles.

12.4 In the event of a power failure

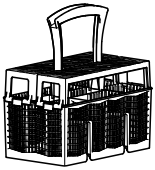
- Any programme that is running will be interrupted. After the cause of the power supply failure has been resolved, the programme is resumed.
- The fault indication system is interrupted.

13 Accessories and spare parts

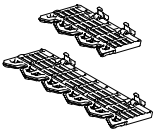
Please give model designation, model number and type of appliance when ordering parts.



«Small» cutlery basket



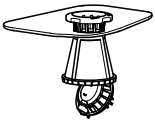
«Large» cutlery basket



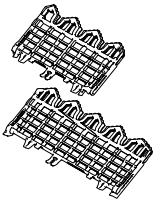
Rack set for lower basket

Set of 4 easy prongs

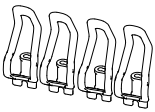
Vario cutlery basket insert set



Filter system



Racks for upper basket



Set of 4 clips for small parts

The minimum period during which spare parts are available: 10 years after the making available on the market of the last appliance with this type designation
Further spare parts can be purchased from the spare parts shop at www.vzug.com.

14 Technical data

Dimensions	SMS 55	SMS 55 Extra height	EURO 60	EURO 60 Extra height
Appliance height (up to panel)	756 mm	821 mm	756 mm	821 mm
Appliance height (incl. adjustable plinth)	–	845–893 mm	780–828 mm	845–893 mm
Appliance width	546 mm	546 mm	596 mm	596 mm
Appliance depth	572 mm	572 mm	572 mm	572 mm
Appliance weight	43–46 kg	43–46 kg	43–48 kg	44–51 kg

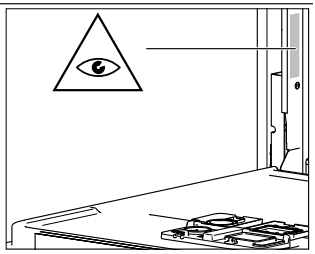
Plumbing in

Cold or hot water up to 60 °C:	G¾"
Permitted pressure of water supply:	0.1–1.0 MPa (1–10 bar)
Max. pumping height:	1.2 m

Electrical connection

The electrical connection data can be found on the identification plate:

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



Ambient conditions

Minimum ambient temperature	+10 °C

Warranty claim

The manufacturer's warranty is valid for 24 months starting from when the appliance is first put into service.

14.1 Safety concept

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

14.2 Overflow protection

The overflow protection system does not function during a power failure. Turn off the water tap during longer periods of inactivity.

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.

14.3 Product information in accordance with EU Regulation 2019/2017

Appliance-specific data is stored in the European Product Database for Energy Labelling (EPREL). To identify the appliance:

- ▸ scan the QR code on the energy label and follow the link or alternatively
- ▸ manually enter the «Type» designation in the EPREL database (https://eprel.ec.europa.eu/).
- ▸ The «Type» designation is shown on the identification plate (see page 67).
- ▸ The product fiche can also be found at www.vzug.com under the corresponding product.

14.4 Note for testing institutes

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

14.5 Noise measurement

See the 'Note for testing institutes' section.

15 Disposal

15.1 Packaging

⚠ **Never allow children to play with packaging material due to the danger of injury or suffocation. Store the packaging material in a safe location or dispose of it in an environmentally-friendly way.**

15.2 Safety

Render the appliance unusable to prevent accidents caused by improper use (e.g. through children playing):

- ▸ Disconnect the appliance from the mains. With a fixed appliance, this is to be carried out by a qualified electrician. Then cut the mains cable off flush with the appliance.
- ▸ Remove or disable the lock on the appliance door.

15.3 Disposal

- The «crossed out wheeled bin» symbol requires the separate collection of waste electrical and electronic equipment (WEEE). Such equipment can contain hazardous, environmentally harmful materials.
- These appliances are to be handed over to a designated collection point for the recycling of electrical and electronic equipment and must not be disposed of with unsorted household waste. And in this way, you will be helping to protect resources and the environment.
- For more information, please contact the local authorities.

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Notes

17 Service & Support

The «Trouble-shooting» section gives you valuable tips on how to deal with minor malfunctions yourself, saving you the time and trouble of calling out a service technician and any cost that goes along with it.

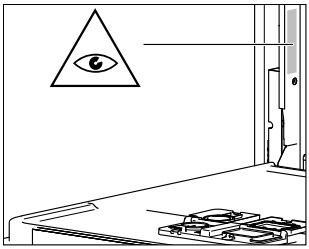
Information on the V-ZUG warranty can be found at www.vzug.com →Service →Warranty information. Please read this information carefully.
Please register your V-ZUG appliance straightaway:
- online at www.vzug.com →Service →Online warranty registration or
- using the enclosed registration card.

This will allow you to take advantage of the best possible support in the event of a fault in the appliance during the guarantee period. You will require the serial number (SN) and appliance designation to register your appliance. You will find them on the identification plate of your appliance.
My appliance information:

SN: _____ **Appliance**: _____

Please have this appliance information to hand when contacting V-ZUG. Thank you.

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



Your repair order

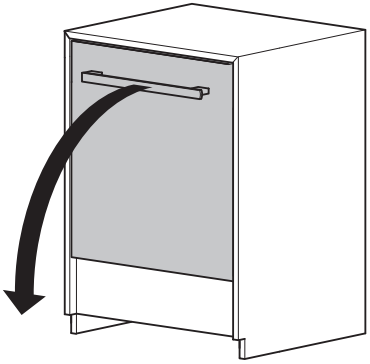
Call the free service number 0800 850 850 to contact your nearest V-ZUG service centre. You can arrange an on-site visit by us by phone if you wish.

General queries, accessories and service agreement

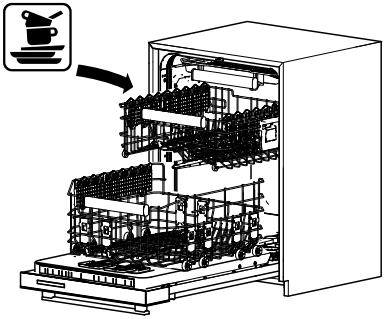
V-ZUG will be happy to help you with any general administrative or technical queries, to accept your orders for accessories and spare parts and to inform you about our progressive service agreements. You can contact us by calling tel. +41 58 767 67 67 or by going to our website at www.vzug.com.

Quick start guide

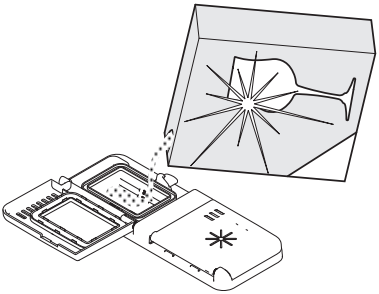
1. Open appliance door



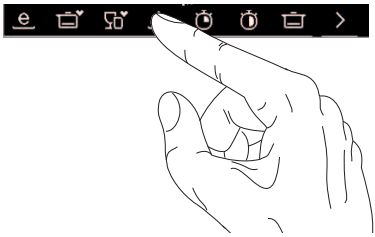
2. Load dishes



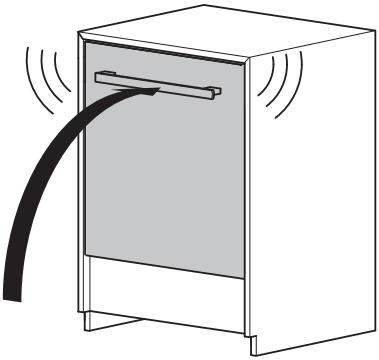
3. Add detergent



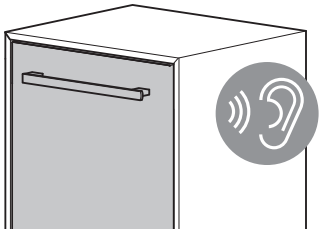
4. Select programme



5. Close appliance door: programme starts



6. At end of final drying: unload dishes



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