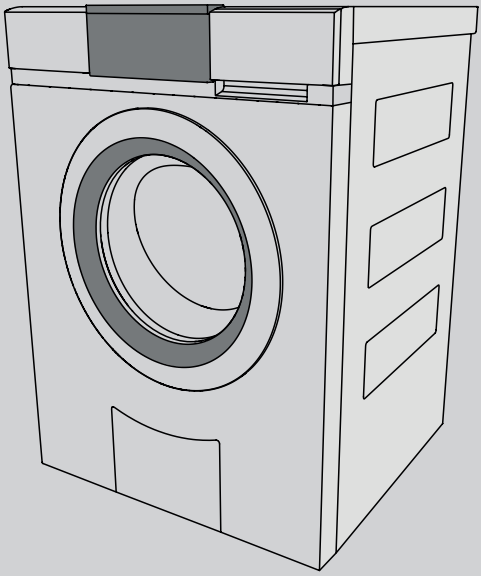
V-ZUG-Home
Install the app, network your appliances and benefit from a wide range of useful functions.



Operating instructions

AdoraWash V4000 OptiDos

Washing machine

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:

Appliance designation	Model number	Type
AdoraWash V4000 OptiDos	11023	AW4T-11023

Variations depending on the model are noted in the text.

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1 Safety warnings

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 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 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

- ▪ Children under 3 years of age must be kept away from the appliance unless they are constantly supervised.
- ▪ The appliance has a maximum dry load capacity of 8 kg.

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.
- If connected to the water mains by detachable hoses, the new hose set supplied with the appliance must be used. Do not reuse old hose sets.
- Ensure ready access to the power socket being used.

Correct use

- The appliance is only suitable for washing home textiles with water and regular automatic washing machine detergent.
- The appliance is intended to be used in household and similar applications such as staff kitchen areas in shops, offices and similar working environments, farm houses, hotels, motels, bed and breakfast establishments and similar residential type establishments, as well as communal laundry rooms in multi-family buildings.
- The appliance is not intended to be used in launderettes or similar applications and may only be used for the above-mentioned purpose.
- No liability is assumed for any damage caused by improper or incorrect use.
- Before closing the appliance door and starting a programme, ensure that there are no foreign objects or pets in the washing drum.

Services and support

- If the appliance is not working properly or in case a repair is needed, follow the instructions given in the «Service & Support» section. Please contact our Customer Services if necessary.
- 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.
- 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.

Note on use

- If the appliance is not functioning properly, disconnect it from the power supply immediately.
- To protect your washing, follow the fabric care symbols and the hints and advice in the «Washing tips» section.
- Textiles that have been cleaned, treated or soaked with flammable chemicals, detergents or solvents such as benzene, alcohol, stain remover, oil, paint, wax, etc. are not to be washed in the appliance. Fire or explosion hazard! Wash materials containing such substances first by hand with water or allow the solvent to evaporate completely.
- Ensure the washing drum has stopped moving before reaching inside. Do not touch the washing drum while it is still in motion – risk of serious injury!
- Disconnect the appliance from the mains before carrying out maintenance work.

Caution: Risk to life!

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

- 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

- Close the appliance door carefully.
- When cleaning the appliance make sure no water gets inside it. Use a moderately damp cloth. Do not spray the outside or the inside of the appliance with water. If water gets inside the appliance, it will cause damage.
- Before closing the appliance door and starting a programme, ensure that there are no foreign objects or pets in the washing drum, detergent compartment or around the foreign body trap. Foreign objects such as coins, nails, paper clips, etc. can damage parts of the appliance as well as the washing.
- During longer periods of absence, turn off the water tap before switching off the power by pulling out the mains plug. Never pull the mains plug out of the mains socket by the cable. Please note: The built-in overflow protection is rendered inactive when the power is switched off.
- Textiles with metal or plastic reinforcements such as belt buckles and protectors are not to be washed in the appliance. Risk of damage.
- Trainers, diving suits, rucksacks, carpets, etc. are not to be washed in the appliance.

2 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.

2.1 Transport lock

Remove the transport lock (hexagon head screws at the back of the appliance) in order to avoid damage to the appliance (see installation instructions).

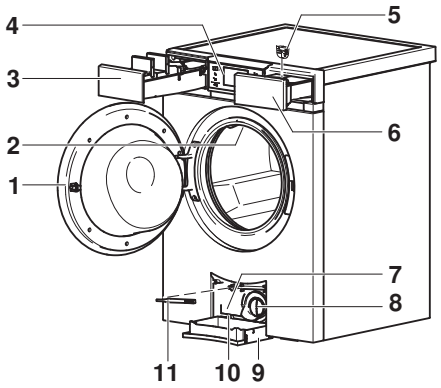
2.2 Running the first wash cycle without any washing

- Add a little washing detergent to compartment **II** of the detergent dispenser drawer.
- Run an empty coloureds 60 °C cycle to remove any residues from the manufacturing process.

3 Appliance description

3.1 Construction

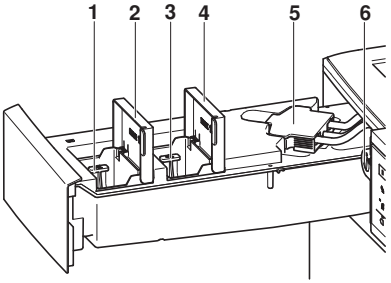
The appliance door can be opened to the left or to the right. Our Customer Services can make the necessary adjustments to the appliance.



1	Appliance door
2	Circulation nozzle
3	OptiDos drawer
4	Operating panel (pivoting)
5	Liquid-detergent flap
6	Detergent dispenser drawer
7	Identification plate / serial number (SN)
8	Foreign body trap
9	Drain tray
10	Emergency door release
11	Emergency door release tool

3.2 Drawers

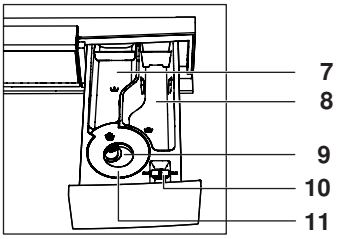
OptiDos drawer



1 Drain valve **B**
2 Container **B** *
3 Drain valve **A**
4 Container **A** *
5 Coupling
6 Release

* Fill volume: 1.2 litres

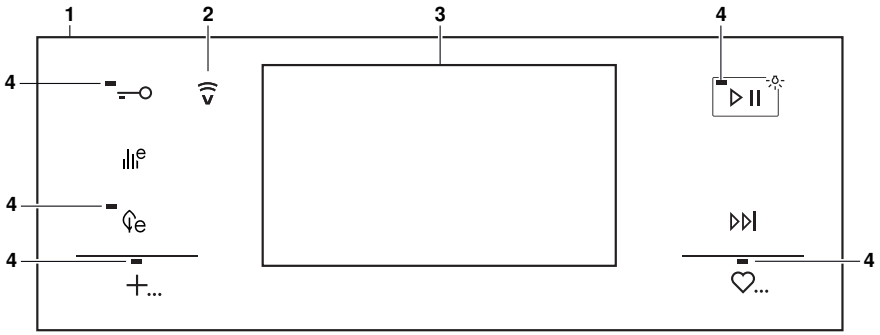
Detergent dispenser drawer



7 Pre-wash detergent, compartment **I**
8 Main wash detergent, compartment **II**
9 Fabric conditioner, compartment ❀
10 Flap for liquid detergent /
Drain tray opener /
Release for OptiDos
11 Siphon for fabric conditioner

3.3 Operating and display elements

Operating panel

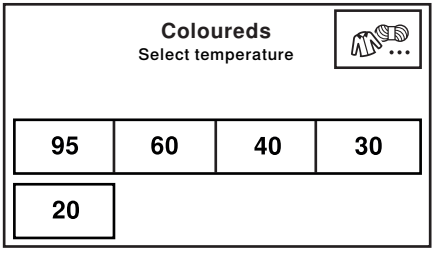


1 Operating panel
2 V-ZUG-Home display
3 TouchDisplay
4 Indicator lights

Buttons

- Door opener
- EcoManagement
- Energy saving
- Programmes for normally soiled cotton load and extra programmes
- Start/Pause/Drum illumination
- End of programme / Fast forward
- Favourites

TouchDisplay



Buttons

- Textile programmes
- 95 Whites 95 °C
- 60 Coloureds 60 °C
- 40 Coloureds 40 °C
- 30 Coloureds 30 °C
- 20 Coloureds 20 °C

3.4 Indicator lights

Indicator light	Activity	State
	Indicator light is illuminated.	Function is active.
	Indicator light is flashing.	Function is selectable.

Indicator light	Activity	State
-	Indicator light is not illuminated.	Function is not selectable.

3.5 Button state

Background colour	Symbol colour	State
Blue	White	Function is active.
Black	White	Function is selectable.
Black	Black	Function is not selectable.

4 OptiDos

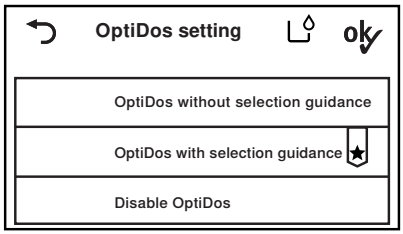
OptiDos consists of 2 containers to which regular washing detergent or fabric conditioner for automatic dosage are added. Whether the appliance should provide a recommendation for the most suitable agent and from which container it should be drawn can be defined in the user settings. A cleaning programme is also available.

4.1 Selection guidance

OptiDos without selection guidance: The defined agents are not indicated by a recommendation.

OptiDos with selection guidance: The agent that is the most suitable of all for the programme selected is indicated by .

Disable OptiDos: OptiDos is not used. The agent must be added to the detergent dispenser drawer before each wash cycle.



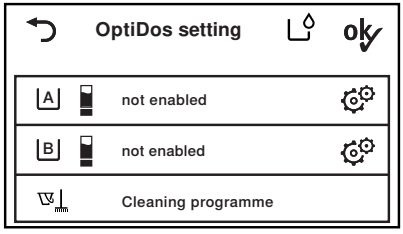
4.2 Container selection and cleaning programme

Each container has a fill volume of 1.2 litres.

Container A: Container from which the defined agent is drawn.

Container B: Container from which the defined agent is drawn.

Cleaning programme: Traces of washing detergent or fabric conditioner are removed from the OptiDos containers.



4.3 Selection of agent

The following agents can be assigned to the two containers:

Liquid detergent or fabric conditioner

Universal detergent	Detergent for woollens
Detergent for coloureds	Baby washing detergent
Detergent for delicates	Detergent for blacks
Fabric conditioner	Detergent for whites
	Detergent for outdoor garments

4.4 Fill level display

The fill level of both containers is displayed when the OptiDos drawer is opened and during programme selection with OptiDos.

There is still sufficient agent in the container.

The agent should be replenished.

5 Programme overview

To select the right programme, please follow the fabric care symbols on the laundry labels, e.g. . Textiles with the fabric care label may only be washed using the «Hand wash» textile programme.

Consumption values

The consumption data and programme times given serve only as a guide. They refer to the maximum load capacity and can vary with, for instance, towelling material, a very cold water feed, the degree of soiling selected or a smaller wash load. The time remaining shown and the programme end time are adjusted accordingly. The spin speeds given are the factory settings.

5.1 Whites and coloureds programmes

Whites 95 °C

95 For white cottons/linens e.g. bed and table linen, towels, white or colour-fast underwear. Suitable for washing with the fabric care symbol.

- Load: 1–8 kg
- Spin speed: 1200 rpm
- Duration: 2h15 [2]
- Water: 75 l [2]
- Energy:2.2 kWh [2]

Coloureds 60 °C

60 For coloured cottons e.g. bright blouses, overalls, shirts, bed linen. Suitable for washing with the or fabric care symbol.

- Load: 1–8 kg
- Spin speed: 1200 rpm
- Duration: 1h32[2]
- Water: 65 l [2]
- Energy:1.3 kWh [2]

[2] Indicative values

Coloureds 40 °C

40 For coloured cottons and mixed washing e.g. t-shirts. Suitable for washing with the 95, 60 or 40 fabric care symbol.

- Load: 1–8 kg
- Spin speed: 1200 rpm
- Duration: 1h14 [2]
- Water: 70 l [2]
- Energy:0.8 kWh [2]

Coloureds 30 °C

30 For coloured cottons and mixed washing e.g. t-shirts. Suitable for washing with the 95, 60, 40 or 30 fabric care symbol.

- Load: 1–8 kg
- Spin speed: 1200 rpm
- Duration: 1h05[2]
- Water: 70 l [2]
- Energy: 0.5 kWh [2]

Coloureds 20 °C

20 Energy-saving programme for lightly soiled textiles. Suitable for washing with the 95, 60, 40 or 30 fabric care symbol.

- Load: 1–8 kg
- Spin speed: 1200 rpm
- Duration: 1h00[2]
- Water: 70 l [2]
- Energy: 0.3 kWh [2]

5.2 Textile programmes

Coloureds

For the «Coloureds» textile programme, the descriptions and consumption values given in the «Whites and coloureds programmes» section apply.

Woollens

Gentle treatment for woollens and other delicate textiles. Only for woollens with a felt-free finish and labelled as «machine washable».

The consumption values apply to Woollens 30 °C.

- Load: 1–2.5 kg
- Spin speed: 800 rpm
- Duration: 0h48 [2]
- Water: 52 l [2]
- Energy: 0.3 kWh [2]

Hand wash

Very gentle treatment for textiles labelled with the hand wash fabric care symbol.

The consumption values apply to Hand wash 20 °C.

- Load: 1–2 kg
- Spin speed: 600 rpm
- Duration: 0h45 [2]
- Water: 58 l [2]
- Energy: 0.2 kWh [2]

[2] Indicative values

Shirts

Optimized for minimizing creasing, contains steam anti-crease.

The consumption values apply to Shirts 40 °C.

- Load: max. 7 items
- Spin speed: 1000 rpm
- Duration: 1h23 [2]
- Water: 33 l [2]
- Energy: 0.4 kWh [2]

Down

Optimized for the particular wetting characteristics of down fabrics. Short spin at the beginning of the programme to get rid of any air in down fabrics.

The consumption values apply to Down 40 °C.

- Load: max. 1 item / 2 kg
- Spin speed: 800 rpm
- Duration: 1h25 [2]
- Water: 40 l [2]
- Energy: 0.5 kWh [2]

Outdoor garments

For waterproof and breathable clothing. Higher water level during washing and rinsing.

The consumption values apply to Outdoor garments 40 °C.

- Load: 1–3 kg
- Spin speed: 1000 rpm
- Duration: 1h05 [2]
- Water: 40 l [2]
- Energy: 0.4 kWh [2]

Silks

For delicate silk items. Spin speed is reduced to minimize creasing.

The consumption values apply to Silks 30 °C.

- Load: 1–1.5 kg
- Spin speed: 400 rpm
- Duration: 0h48 [2]
- Water: 52 l [2]
- Energy: 0.3 kWh [2]

Net curtains

Reduced washing action for very gentle treatment. Higher water level during washing and rinsing. The washing remains lying in the water after the final rinse (stop after rinsing).

- Draining with spinning: 1× ▷▷|
- Draining without spinning: 2× ▷▷|

The consumption values apply to Net curtains 30 °C.

- Load: 1–2 kg
- Spin speed: Stop after rinsing
- Duration: 1h00 [2]
- Water: 45 l [2]
- Energy: 0.4 kWh [2]

Baby garments

Very thorough rinsing for the protection of sensitive baby skin. If 95 °C is selected as the temperature, a pre-wash is included.

The consumption values apply to Baby garments 60 °C.

- Load: 1–5 kg
- Spin speed: 1200 rpm
- Duration: 1h50 [2]
- Water: 120 l [2]
- Energy: 1.6 kWh [2]

[2] Indicative values

Denim

Optimized for colour loss (colour run) from denim.

The consumption values apply to Denim 40 °C.

- Load: 1–4 kg
- Spin speed: 1200 rpm
- Duration: 1h16 [2]
- Water: 55 l [2]
- Energy: 0.5 kWh [2]

FirstWash

Quick wash cycle for new textiles. Add only a very small amount of washing detergent! Not suitable for woollens and hand wash!

The consumption values apply to FirstWash 20 °C.

- Load: 1–2 kg
- Spin speed: 1000 rpm
- Duration: 0h15 [2]
- Water: 25 l [2]
- Energy: 0.1 kWh [2]

Black garments

Optimized rinsing through a higher water level and extended rinsing time for dark textiles.

The consumption values apply to Black garments 40 °C.

- Load: 1–4 kg
- Spin speed: 1200 rpm
- Duration: 1h20 [2]
- Water: 85 l [2]
- Energy: 0.5 kWh [2]

5.3 Programmes for normally soiled cotton load

40 °C Coloureds normal

The recommended programme for washing normally soiled cottons at rated load capacity.

- Load: 1–8 kg

The consumption values are described in the section on «Technical data».

10 °C Coloureds normal

The programme with the lowest possible temperature setting for washing cottons. It corresponds to the 40 °C Coloureds normal programme without the water being heated. This programme has the same water level as the 40 °C Coloureds normal programme.

- Load: 1–8 kg

5.4 Extra programmes

Steam anti-crease

Dry washing is partially uncreased and made damp, ready to iron. Suitable for washing with the 95, 60 or 40 fabric care symbol.

- Load: 1–1.5 kg
- Spin speed: 0 rpm
- Duration: 0h23 [2]
- Water: 1 l [2]
- Energy: 0.1 kWh [2]

[2] Indicative values

Proofing

For starching or proofing laundry, add the agent to the fabric conditioner compartment.

- Load: 1–3 kg
- Spin speed: 800 rpm
- Duration: 0h28 [2]
- Water: 12 l [2]
- Energy: 0.1 kWh [2]

Appliance hygiene

Steam cleaning without laundry.

- Load: 0 kg
- Spin speed: 0 rpm
- Duration: 0h30 [2]
- Water: 9 l [2]
- Energy: 0.7 kWh [2]

5.5 Additional functions

Whenever a programme is selected, the selectable additional functions are displayed.

Energy saving

Programme with large energy savings due to reduced wash temperature. The extended washing time ensures the washing performance is maintained. Depending on programme, energy savings of about 10%-40%, extension of the washing times by 25–60 minutes and water savings of about 10%-20%.

Easy care

For washing requiring very gentle treatment. Increased water level, reduced washing action and lower spin speed. The maximum load is 3.5 kg.

Pre-wash

Suitable for heavily soiled washing. Programme duration extended about 15 minutes.

Delayed start

For using cheap-rate electricity (setting range of up to 24 hours). The programme starts automatically when the set time is reached.

OptiTime

If a programme end time has been selected, OptiTime calculates the most energy-efficient programme that can be carried out in the time remaining to programme end.

OptiTime reduces the washing temperature, while the washing performance is maintained. The more time is available for washing, the more the washing temperature can be reduced. If higher wash temperatures with a germ-killing effect are needed, a corresponding programme without the OptiTime function must be selected (see page 36).

[2] Indicative values

Degree of soiling

Adjustment to the degree of soiling of the washing.

Light soiling: For lightly soiled washing.

Medium soiling: Extended wash time.

Heavy soiling: Extended wash time, higher water level, an additional rinsing cycle.

Soaking: The duration can be set between 0.5 and 6 hours.

Anti-mite: The main wash is extended and intensified. The mites are killed and the allergens are rinsed out thoroughly.

AquaPlus

There are different settings for rinsing intensity.

Basis: Normal water level.

more water: Increased water level during the main wash and rinsing.

+ 1 rinse: An additional rinsing cycle.

more water + 1 rinse: Increased water level during the main wash and rinsing, an additional rinsing cycle.

Skin protection: Increased water level during rinsing, two additional rinsing cycles. Suitable for sensitive skin.

Spin speed

The spin speed can be changed. Delicates can be spun at a lower spin speed. However, this increases the drying time (greater energy consumption for tumble drying).

Sprint

Quick programme for lightly soiled washing. 2 instead of 3 rinsing cycles. The maximum load is 2.5 kg.

20 + : 28 mins.

30 + : 32 mins.

40 + : 35 mins.

60 + : 48 mins.

If washing on the Sprint programme without OptiDos, add only a small amount of washing detergent. A large washing load or too much washing detergent can significantly extend the programme time. Use liquid detergent only.

Steam anti-crease

Reduces creasing significantly. Loosening-up period: 60 minutes. The washing is warm and should be hung up immediately to dry or be tumble dried. The spin speed is limited to 1000 rpm. The maximum load capacity is 2 kg.

Separate rinsing / Separate spinning

The programme starts at the desired parts of the programme and the programme sequence is shortened.

Bio wash / Soap wash

The «Multi-component detergent» user setting must be activated to use Bio wash or Soap wash (see page 37). The programme sequence is adapted for the use of multi-component detergents.

Bio wash: Alkaline detergent + bleach

Soap wash: Softener + soap detergent

Start/Pause/Drum illumination

Touch the button to start or interrupt programmes. Touch the button again to resume the programme after being interrupted. The drum illumination can be turned on and off.

5.6 EcoManagement

The «EcoManagement» user setting must be activated to use «EcoManagement» (see page 37). EcoManagement provides information on the energy and water consumption of the appliance. The following statistical data can only be retrieved when there is no programme running:

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

The energy and water consumption of a programme is displayed **during programme selection**.

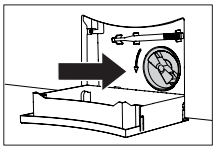
At the end of a programme, the energy and water consumption of the programme that has just ended is displayed.

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

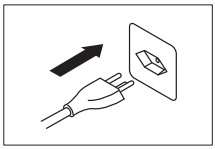
6 Preparations

6.1 Putting the appliance into operation

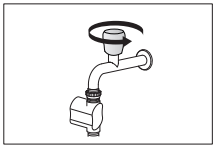
- ▸ Check the foreign body trap is inserted correctly (see page 45).



- ▸ Insert the mains plug into a mains socket.



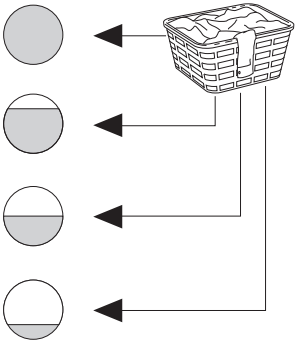
- ▸ Turn on water tap.



- ▸ Touch the button to open the appliance door.

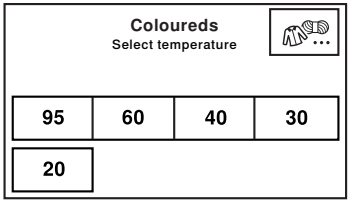
6.2 Loading the washing

- ▸ Load up to a maximum of 8 kg dry washing.
- ▪ Full: Normally soiled whites and coloureds
- ▪ Max. ¾: Heavily soiled whites and coloureds
- ▪ Max. ½: Easy care cottons, white and coloured synthetics as well as mixed fabrics
- ▪ Max. ¼: Delicates, woollens, silks, polyacrylics and net curtains



For wet loads, only half-fill the washing drum. The washing drum should not be loaded with any one single, heavy item.

- ▸ Close the appliance door.
  – The start screen appears.



If no programme selection is made within 5 minutes, all the displays go out. Touch anywhere on the TouchDisplay at any time to display the start screen again.

7 Operation with OptiDos

7.1 Preparing OptiDos

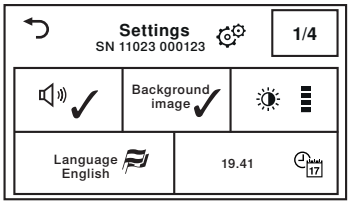
In order to use the OptiDos function, the containers in the OptiDos drawer must be filled with the desired liquid detergents or fabric conditioners and the user settings defined accordingly.

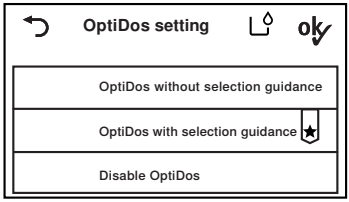
The containers can be used as follows:

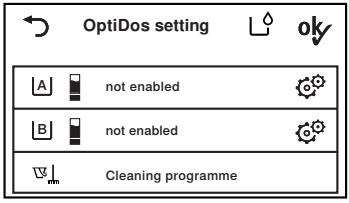
- Both containers with liquid detergent
- Both containers with fabric conditioner
- Only one container with liquid detergent or fabric conditioner
- One container with liquid detergent, the other with fabric conditioner

Defining the agent for a container

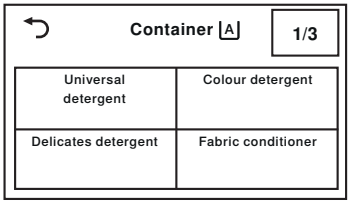
- ▸ Close the appliance door.
- ▸ Touch the +... button.
  - – The selection of extra programmes appears in the TouchDisplay.
- ▸ Touch the ⚙ button.
  - – The user settings menu appears in the TouchDisplay.
- ▸ Touch the **1/4** button repeatedly until the «OptiDos» user setting appears.
- ▸ Touch the «OptiDos» button.
  - – The OptiDos menu appears in the TouchDisplay.
- ▸ Touch either «OptiDos without selection guidance» or «OptiDos with selection guidance».
- ▸ Touch the ok button.
  - – The selection of containers appears in the TouchDisplay.







- ▸ Touch the A button to define an agent for container A.
  - – Various agents appear in the TouchDisplay.
- ▸ Touch the desired agent.
  - – The input field for the dosage appears in the TouchDisplay.



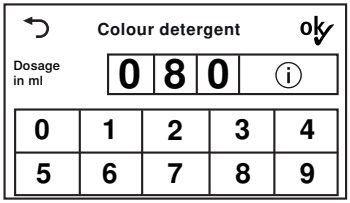
To define the correct agent, observe the designation on the packaging of your liquid detergent or fabric conditioner.

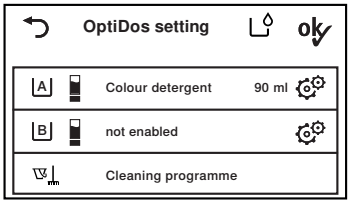
Entering dosage

Enter the dosage recommended on the detergent package for 4–5 kg of medium-soiled washing and in line with the local water hardness!

When the function is turned on, the appliance takes the agent automatically from the OptiDos drawer. OptiDos calculates the optimal dosage based on the programme selected and the actual amount of washing placed in the washing drum.

- ▸ Enter the dosage.
- ▸ Touch the OK button.
  - – Enter the dosage and the type of agent selected in the TouchDisplay under A.
- ▸ Similarly for container B, define the agent (see page 20) and enter the dosage.
- ▸ Touch the OK button.
  - – The overview of the user settings appears in the TouchDisplay.
- ▸ Touch the ↩ button.
  - – The start screen appears.

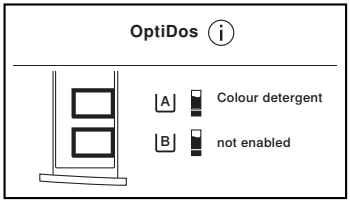


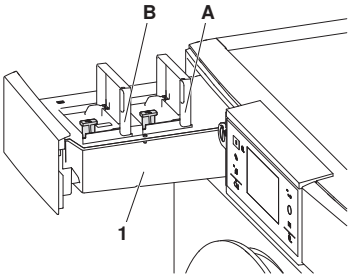


Adding the liquid detergent / fabric conditioner

Under no circumstances use powder detergent, tabs, bleach or similar bleaching agents!

- ▸ Pull the OptiDos drawer **1** out.
  - – The containers **A** and **B** with the assigned agents appear in the TouchDisplay.
- ▸ Open the cover flap on containers **A** and **B**.
- ▸ Add the assigned agent slowly to the assigned containers, filling up to the (MAX) mark.
- ▸ Close the cover flap on containers **A** and **B**.
- ▸ Push the OptiDos drawer **1** back in.





Add the agent slowly!

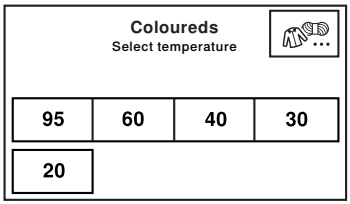
The container takes longer to fill if the agent is thick and viscous. Each container has a fill volume of 1.2 litres.

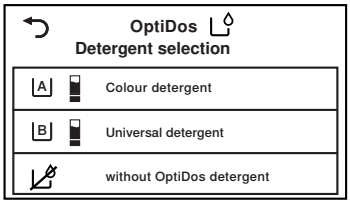
7.2 Selecting programme

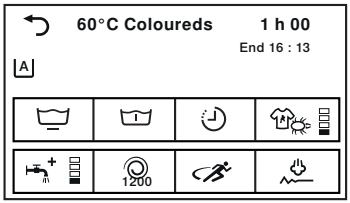
Main wash programmes

When a programme is selected, all the necessary settings for it are assigned automatically. Additional functions can be selected or deselected by using further buttons in other views.

- Close the appliance door.
  – The start screen appears.
- Touch the button for the desired programme, e.g. **60**.
  – The selection of containers appears in the TouchDisplay.
- Touch the button for the desired container, e.g. **A**.
  – The programme selected, the container selected **A** and the selectable additional functions appear in the TouchDisplay.
  – The indicator light for the selectable button flashes.
- Touch the button for the desired additional function as required.
- Touch the button.
  – The programme selected starts and washes with OptiDos.

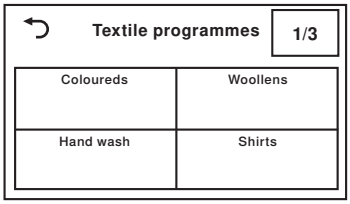




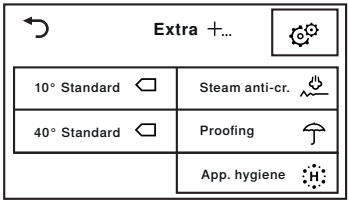


Textile programmes

- Touch the button.
  – The selection of textile programmes appears in the TouchDisplay.
- Touch the **1/3** button repeatedly until the desired textile programme is displayed.
- Touch the button for the desired textile programme, e.g. «Woollens».
- Touch the button for the desired temperature, e.g. **20**.
  – The selection of containers appears in the TouchDisplay.
- Touch the button for the desired container, e.g. **A**.
- To start the programme, carry out steps analogous to those described in «Main wash programmes».



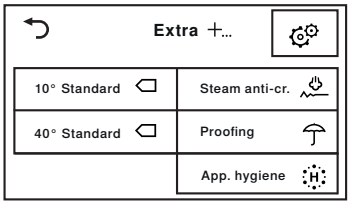
Programmes for normally soiled cotton load



- Close the appliance door.
  – The start screen appears.
- Touch the +... button.
  – A selection of programmes for normally soiled cotton load appears in the TouchDisplay.
- Touch the button for the desired programme for normally soiled cotton load, e.g. 40 °Standard.
- To start the programme, carry out steps analogous to those described in «Main wash programmes».

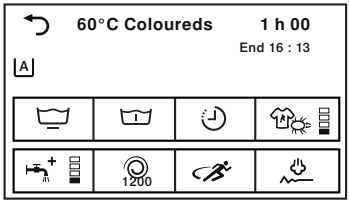
With the programmes for normally soiled cotton load, it is not possible to select the additional functions. Only delayed start is selectable.

Extra programmes



- Close the appliance door.
  – The start screen appears.
- Touch the +... button.
  – The selection of extra programmes appears in the TouchDisplay.
- Touch the button for the desired programme.
- To start the programme, carry out steps analogous to those described in «Main wash programmes».

7.3 Selecting additional functions

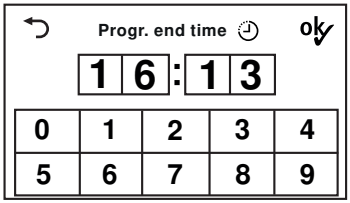


- Touch the button for the desired programme, e.g. 60.
- Touch the button for the desired container, e.g. A.
  – The programme selected, the container selected A and the selectable additional functions appear in the TouchDisplay.
  – The indicator light for the selectable e button flashes.
- For the desired additional functions, touch the corresponding buttons, e.g. .
  – The new programme duration and the programme end time appear in the TouchDisplay.
- Touch the button.
  – The programme selected starts.

7.4 Delayed start

Selecting programme end time

The option «Programme end, OptiTime off» must be enabled in the user settings under «Delayed start / OptiTime» (see page 36).



- Touch the button for the desired programme, e.g. 60.
- Touch the button for the desired container, e.g. A.
- Touch the ⏲ button.
  – The input field for the programme end time appears in the TouchDisplay.
- Enter the time the desired programme should end.
- Touch the ok button.
  – The programme end time is saved.
- Touch the ⏲ button again if any changes have to be made.
- Touch the ▷II button.
  – The delayed start time starts. The desired programme starts so that it finishes at the set programme end time.

Washing can be added at any time during the delayed start time (see page 27).

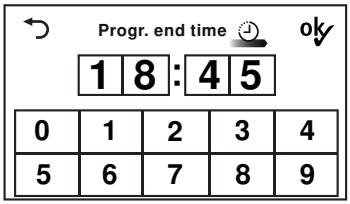
Selecting programme start time

The option «Programme start» must be enabled in the user settings under «Delayed start / OptiTime». (see page 36)

- Carry out steps analogous to those described in «Selecting programme end time» (see page 24).

7.5 OptiTime

The option «Programme end, OptiTime on» must be enabled in the user settings under «Delayed start / OptiTime» (see page 36).



- Touch the button for the desired programme, e.g. 60.
- Touch the button for the desired container, e.g. A.
- Touch the button.
  – The input field for the programme end time appears in the TouchDisplay.
- Enter the time the desired programme should end.
- Touch the ok button.
  – The programme end time is saved.
- Touch the button again if any changes have to be made.

- Touch the ▷II button.
  – The delayed start time starts with the additional function «OptiTime». The desired programme starts so that it finishes at the set programme end time.

7.6 Separate rinsing/spinning

- Touch the button for the desired programme, e.g. 60.
  – The programme selected and the selectable additional functions appear in the TouchDisplay.
- To start the programme from the «Rinsing» stage of the programme, touch the ▷▷| button 1×.
- To start the programme from the «Final rinse / Conditioning» stage of the programme, touch the ▷▷| button 2×.
- To start the programme from the «Separate spinning» stage of the programme, touch the ▷▷| button 3×.

7.7 Correcting entry

During programme selection, entries can be corrected as follows:

Clearing entries in the current view

- Touch the ↩ button.
  – The entries are discarded.
  – The previous TouchDisplay appears.

Clearing all entries

- Touch the ⏭ button repeatedly until the TouchDisplay goes dark.
  – All entries are cleared.

7.8 Aborting a programme

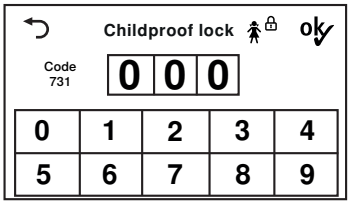
Once a programme has started, only the spin speed can be changed. For any other changes, the programme must be aborted.

- Touch the ⏭ button repeatedly until «Draining» is displayed.
  – This part of the programme cannot be skipped and will be carried out in full.

7.9 With childproof lock activated

Selecting programme

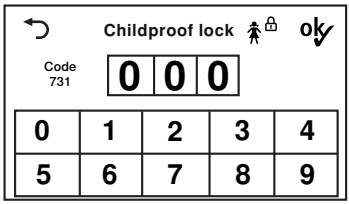
How to turn the childproof lock on/off is described in «User settings».



- Close the appliance door.
  – The input field for the code appears in the TouchDisplay.
- Touch the digits 7, 3, 1 in sequence.
- Touch the ok button.
  – The appliance is unlocked.
- Touch the button for the desired programme, e.g. **60**.
  – The appliance can now be operated without further regard to the childproof lock. If no programme selection is made within the next 20 seconds, the input field for the code appears in the TouchDisplay again.

After being unlocked, the appliance can be operated normally. The childproof lock is automatically activated as soon as the programme starts.

Aborting programme / opening appliance door at end of programme



- Touch the ⏭ button.
  – The input field for the code appears in the TouchDisplay.
- Touch the digits 7, 3, 1 in sequence.
- Touch the ok button.
  – The appliance is unlocked.
- Touch the ⏭ button repeatedly until «Draining» appears in the TouchDisplay.
  – The appliance door opens.

7.10 Drum illumination

The drum illumination automatically switches on whenever the appliance door is opened and switches off when it is closed. If the appliance door is left open, the drum illumination switches off automatically within 2 minutes.

▶ Touch the button to switch the drum illumination on or off when the appliance door is open.

7.11 Opening the appliance door during washing

The appliance door can be opened when the indicator light for the button is illuminated.

▶ Touch the button.
  – The appliance door opens.
  – Laundry can be added or removed.
▶ Close the appliance door.
▶ Touch the button.
  – The programme is resumed.

In the event of a power failure, the appliance door can only be opened using the emergency door release (see page 46). The programme sequence is automatically resumed following such a power failure.

7.12 End of programme

Unloading the washing before time

Shortly before the end of the programme, the washing is loosened up. This takes about 1–2 minutes.

If steam anti-crease has been selected, the loosening-up period is extended to about 60 minutes to further prevent creasing.

▶ Touch the button to unload the washing during the loosening-up phase.

Door opener

The user settings that are enabled determine whether the appliance door opens automatically when the programme ends (see page 36) and whether information on energy and water consumption is displayed or not (see page 37).

▪ **«Automatic door opener On»:**

When the programme has finished,
  – the appliance door opens automatically.
  – the washing can be unloaded.

▪ **«Automatic door opener Off»:**

When the programme has finished,
  – «End of programme» is displayed in the TouchDisplay for about 20 minutes.
  – information on the energy and water consumption is displayed in the TouchDisplay, provided «EcoManagement» has been turned on (see page 37).

▶ Touch the button to open the appliance door and unload the washing at any time.

Stop after rinsing

The washing remains lying in the water after the final rinse. The water must be drained off before the washing can be unloaded.

- ▸ Touch the ⏭ button 1×.
  - – The washing is spun at the spin speed set for the programme.
  - – The water is pumped off.

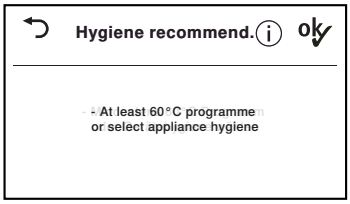
Or:

- ▸ Touch the ⏭ button 2×.
  - – The washing is not spun.
  - – The water is pumped off.

Hygiene recommendation

Washing almost exclusively with low temperatures will result in the formation of foul smelling coatings in the appliance.
To prevent this, a «Hygiene recommendation» indicates when a wash of at least 60° C or carrying out the «Appliance hygiene» programme is recommended for hygiene reasons.

- ▸ Touch the OK button.
- ▸ Run the next wash cycle at least at 60 °C.

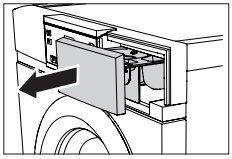


Or:

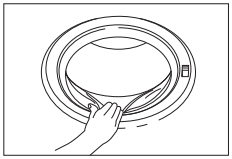
- ▸ Touch the OK button.
- ▸ Under «Extra programmes», select the «Appliance hygiene» programme (see page 23).

Each time after use

- ▸ Clean the detergent compartments (see page 44).
- ▸ To allow the washing drum and door seal to dry between wash days, open the appliance door and pull the detergent dispenser drawer out as far as it will go.



- ▸ Carefully remove any deposits or foreign objects from out of the door seal.



Incorrect handling can result in damage to the appliance!

The drum illumination is located in the door seal. Care must be taken when cleaning the door seal to avoid damaging the drum illumination.

7.13 EcoManagement

The «EcoManagement» user setting must be activated to use «EcoManagement» (see page 37).

Displaying estimate during programme selection

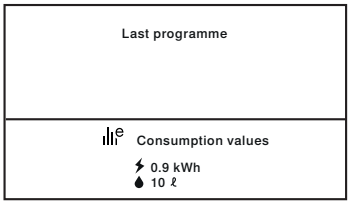
The expected energy and water consumption can be displayed during additional function selection.

- Touch the button for the desired programme, e.g. **60**.
  - The programme selected with the expected energy and water consumption appears in the TouchDisplay.

Displaying last programme

The energy and water consumption of the last programme can be displayed if no programme is running.

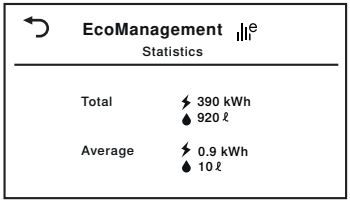
- Touch the button.
  - The energy and water consumption of the last programme appears in the TouchDisplay.



Displaying total and average consumption

Total and average consumption can be displayed if no programme is running.

- Hold the button depressed for 3 seconds.
  - Total and average consumption appear in the TouchDisplay.
- Touch the button to end statistic retrieval.

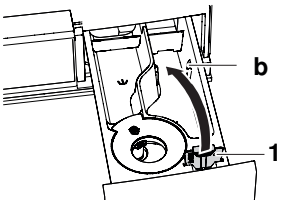


8 Operation without OptiDos

8.1 Adding washing detergent

Liquid detergent

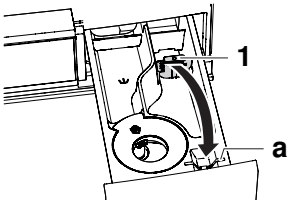
- Pull the detergent dispenser drawer out as far as it will go.
- Pull flap **1** upwards and out and insert into position **b**.



Do not fill liquid detergent past the upper mark. Liquid detergent can only be used for the main wash with programmes without a pre-wash. If washing with a delayed start, add liquid detergent to a dosing aid (e.g. ball) and then place it directly in the washing drum so that no detergent gets onto the washing during the delayed start time.

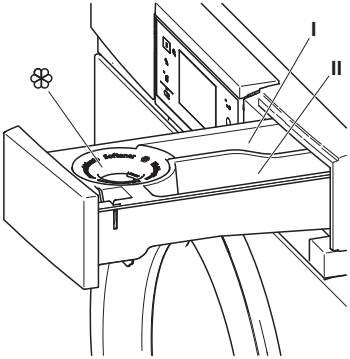
Powder detergent

- Pull the detergent dispenser drawer out as far as it will go.
- Pull flap **1** upwards and out and insert into position **a**.



Compartments

Conventional washing	
Pre-wash detergent	Compartment **I**
Main wash detergent	Compartment **II**
Fabric conditioner	Compartment ❀
Bio wash	
Alkaline detergent	Compartment **II**
Bleach	Compartment **I**
Fabric conditioner	Compartment ❀
Soap wash	
Water softener	Compartment **I**
Soap detergent	Compartment **II**
Fabric conditioner	Compartment ❀



Do not fill fabric conditioner past the upper mark.

8.2 Detergent dosage

Adding too much washing detergent can cause excess foaming. The consequences: poor wash results, damage to the appliance in the worst case.

The correct dosage depends on the degree of soiling, the wash load, the water hardness and the product used. Follow the manufacturer's dosing instructions.

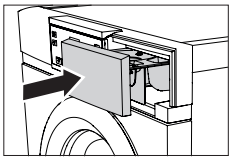
Water hardness

The local water authorities can provide information on the level of water hardness in your area.

Soft	0 °fH to 15 °fH
Medium	15 °fH to 25 °fH
Hard	over 25 °fH

After adding the washing detergent

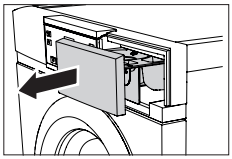
- ▸ Push the detergent dispenser drawer back in.
- ▸ Select a programme.



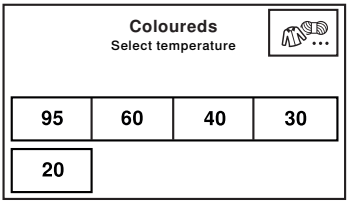
8.3 Dyeing textiles

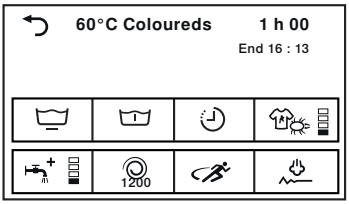
Textiles can be dyed in the appliance using suitable dyeing agents. Follow the manufacturer's safety instructions and warnings.

- ▸ Select the desired programme.
  - – The programme starts with brief draining; water runs into the washing drum.
- ▸ Open detergent dispenser drawer slightly.
- ▸ Add liquid dye components.
- ▸ Close the detergent dispenser drawer.



8.4 Starting programme

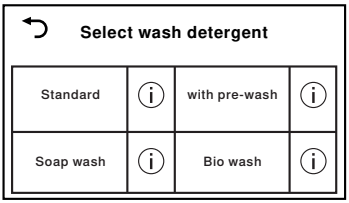




- Close the appliance door.
  – The start screen appears.
- Touch the button for the desired programme, e.g. **60**.
  – The selection of containers appears in the TouchDisplay.
- Touch the button.
  – The selectable additional functions appear in the TouchDisplay.
  – The indicator light for the selectable button flashes.
- Touch the button for the desired additional function as required.
- Touch the button.
  – The programme selected starts and washes without OptiDos.

8.5 Washing with multi-component detergent

To start Bio or Soap wash, «Multi-component detergent» must be enabled in the user settings (see page 37). Ensure the alkaline detergent or soap detergent are added to the correct compartment.



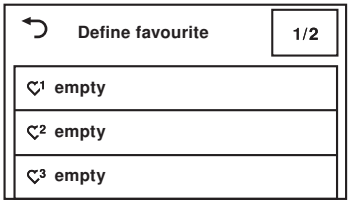
- Touch the button for the desired programme, e.g. **60**.
- Touch the button.
  – The selection of washing detergents appears in the TouchDisplay.
- Touch the button for the desired detergent, e.g. «Bio wash».
- Touch the button.
  – The programme selected starts.

Add multi-component detergent only to the detergent dispenser drawer and not to the OptiDos drawer.

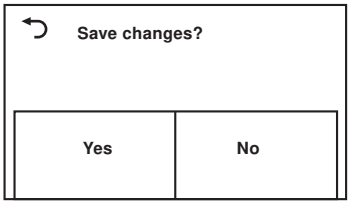
9 Favourites

The appliance door has to be open to define, change or delete a favourite.

9.1 Defining and saving favourites

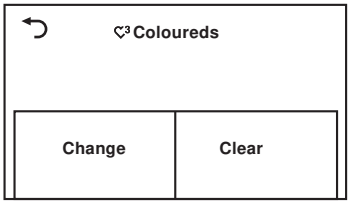


- Touch the button.
  – The appliance door opens.
- Touch the ♡... button.
  – The Favourite programmes menu appears in the TouchDisplay.
- Touch one of the empty favourite programmes, e.g. ♡3.
  – The start screen appears in the TouchDisplay.
- Select programme and additional functions.



- Touch the ♡... button.
  – In the TouchDisplay appears: «Save changes?»
- To create favourites, touch «Yes».
  – The defined favourite appears in the Favourite programmes menu.
- To discard favourites, touch «No».

9.2 Changing or clearing favourites



- Touch the button.
  – The appliance door opens.
- Touch the ♡... button.
  – The Favourite programmes menu appears in the TouchDisplay.
- Touch the favourite programme to be changed, e.g. ♡3.
  – In the TouchDisplay appears: «Change» and «Clear»

Changing

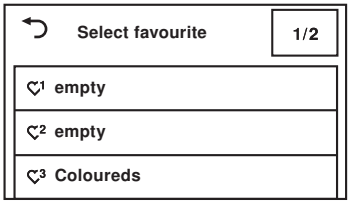
- To change the favourite programme, touch «Change».
  – The favourite programme appears in the TouchDisplay.
- Make any changes.
- Touch the ♡... button and save the changes.

Clearing

- To clear the favourite programme, touch «Clear».
  – The Favourite programmes menu appears in the TouchDisplay.
  – The favourite programme is cleared.

9.3 Starting favourites

- Close the appliance door.
  - The drum illumination switches off.
  - The start screen appears in the TouchDisplay.
- Touch the ♡... button.
  - The Favourite programmes menu appears in the TouchDisplay.
- Touch the desired favourite programme, e.g. ♡3.
- Touch the ▷II button.
  - The programme selected starts.



10 V-ZUG-Home

Download updates to your appliance via V-ZUG-Home so that you are always up to date.

10.1 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 6.0 or from iOS 11.0
- WLAN/Wi-Fi that meets one of the following standards: 2.4GHz 802.11 b/g/n

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Download on the App Store

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10.2 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.

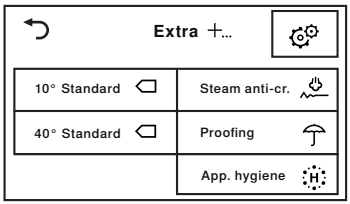
- ▸ Enter the WLAN/Wi-Fi password.
  – The household appliance is connected to the active WLAN/Wi-Fi connection.

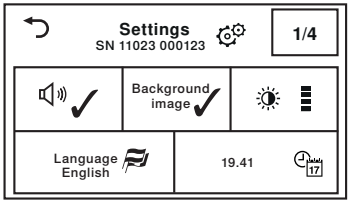
11 User settings

Providing no programme is running and no error messages are displayed, the user settings can be changed.

11.1 Changing the user settings

- ▸ Close the appliance door.
- ▸ Touch the +... button.
  – The selection of extra programmes appears in the TouchDisplay.
- ▸ Touch the ⚙ button.
  – The user settings menu appears in the TouchDisplay.
- ▸ Select and change the desired settings and submenus.
- ▸ To save the selected setting, touch the ok button.
- ▸ To select any other settings, touch the **1/4** button.
- ▸ To exit the user settings menu, touch the ↩ button.





11.2 Button tone

The button tone can be turned on and off. The button tone for the ⏭ and ⏯ buttons cannot be turned off.

- On (factory setting)
- Off

11.3 Background image

The background image of the TouchDisplay can be turned off. In this case, the background appears black.

- On (factory setting)
- Off

11.4 Brightness

The display can be adjusted to the prevailing light conditions.

- Dark
- Medium bright
- Bright (factory setting)
- Very bright

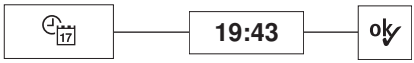
11.5 Language

The language is set during the initial set-up of the appliance. It can be changed.

- German
- ...

11.6 Time

The time must be reset if the power is cut for more than about 5 weeks. The appliance must not be disconnected from the mains supply for at least 30 minutes after making the settings.



- Clock

11.7 Spin speed

An increase in the spin speed is only possible for suitable programmes. A reduction in the spin speed is possible for all programmes.

- 400
- 600
- 800
- 1000
- 1200 (factory setting)
- 1400
- 1600

11.8 Degree of soiling

There are 3 settings for degree of soiling.

- Lightly soiled (factory setting)
- Medium soiled
- Heavily soiled

11.9 AquaPlus

There are 5 settings for rinsing intensity.

- Basis (factory setting)
- more water
- + 1 rinse
- more water + 1 rinse
- Skin protection

11.10 Automatic door opener

When the function is turned on, the appliance door opens automatically when the programme ends. When the function is turned off, the appliance door can be opened by touching the ⊸○ button.

- On (factory setting)
- Off

11.11 Delayed start / OptiTime

When the «Programme start» function is turned on, the time a programme should start running can be defined.

When the «Programme end» function is turned on, the time a programme should end can be defined. If the «OptiTime» function is also turned on, the «OptiTime» function is automatically added whenever a delayed start is selected.

- Programme start
- Programme end, OptiTime on
- Programme end, OptiTime off (factory setting)

11.12 Hygiene info

When the function is turned on, a wash of at least 60 °C is recommended whenever for hygiene reasons the formation of foul smelling coatings in the appliance is to be prevented.

- On (factory setting)
- Off

11.13 Childproof lock

The childproof lock prevents a programme from being started accidentally. The appliance can only be operated after first entering the code 731.

- On
- Off (factory setting)

11.14 Drum illumination

When this function is activated, the drum illumination automatically switches on whenever the appliance door is opened and switches off whenever it is closed.

- On (factory setting)
- Off

11.15 EcoManagement

When this function is activated, the estimated consumption values appear at the start of the programme and the actual consumption values appear at the end of the programme. The saved consumption values can be deleted under «Statistics».

- On (factory setting)
- Off
- Statistics
- Information

11.16 Multi-component detergent

When the function is turned on, the desired type of washing detergent can be selected under the additional function «Pre-wash».

- On
- Off (factory setting)

11.17 Loosening up the washing

Touch the ⊸○ button at any time to open the appliance door. The washing can be unloaded.

- 30 seconds (factory setting)
- 10 minutes
- 30 minutes
- 6 hours

11.18 Soft water

When the function is turned on, adjusting for very soft water prevents heavy foaming.

- On
- Off (factory setting)

11.19 OptiDos

When the function is turned on, the agent can be drawn from the OptiDos drawer. OptiDos calculates the optimum dosage based on the programme selected and the actual amount of washing.

- OptiDos without selection guidance
- OptiDos with selection guidance
- Disable OptiDos

11.20 Water options *

* Depending on model

The appliance is equipped 2 water connection options: Either 2 water connections for hot and cold water or 2 water connections for hard and soft water.

Water connections for hot and cold water: Either a high or a low mixing temperature can be set for the main wash. Either a hot or a cold rinse temperature can be set for rinsing. All detailed settings are described in the installation instructions on «Water options».

- Mixing temperature high
- Mixing temperature low
- Rinse temperature cold
- Rinse temperature hot
- Off

Water connections for hard and soft water: Soft water is used for the main wash and the first rinse. Water for subsequent rinse cycles is drawn from the hard water connection.

- Yes
- No

11.21 V-ZUG-Home

With V-ZUG-Home (see page 34), you can access your appliances over the V-ZUG App to, for instance

- switch off a running appliance
- call up the status of your household appliances.

- Operate and display
- Display
- Off (factory setting)

When the network connection is activated, energy consumption in the standby mode is increased.

11.22 Factory settings

The factory settings can be restored. The language if changed is not reset to the factory setting.

- ok: Restore
- ↩: Do not restore

Saved favourites are also cleared when factory settings are restored.

12 Demo mode

The appliance can be fully operated in the demo mode, but it will not wash.

The demo mode can only be switched on or off when the appliance door is open.

12.1 Switching on

- ▸ Touch the ⊸○ button.
  - – The appliance door opens.
  - – The drum illumination switches on.
- ▸ Simultaneously hold the ⊸○, +... and ▷▷| buttons depressed for 5 seconds until the Demo mode menu appears in the TouchDisplay.
  - – In the TouchDisplay appears: «Status: Off»

- ▸ Touch the ✓ button.
  – The demo mode is selected.
- ▸ Touch the ok button.
  – The demo mode is switched on.
  – The TouchDisplay goes dark.

12.2 Switching off

- ▸ Touch the ⊸ button.
  – The appliance door opens.
  – The drum illumination switches on.
- ▸ Simultaneously press the ⊸, +... and ▷▷| buttons until the Demo mode menu appears in the TouchDisplay.
  – In the TouchDisplay appears: «Status: On»
- ▸ Touch the ✗ button.
  – The demo mode is no longer selected.
- ▸ Touch the ok button.
  – The demo mode is switched off.
  – The TouchDisplay goes dark.

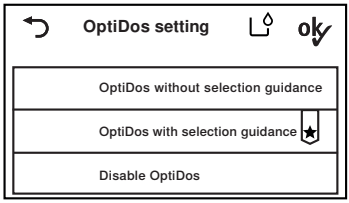
13 Care and maintenance

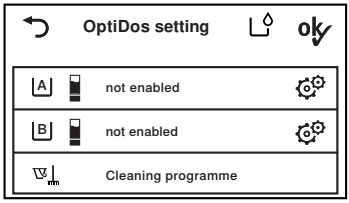
13.1 Cleaning intervals

Appliance part	Cleaning interval
OptiDos drawer	▪ As required ▪ If heavily soiled
Detergent dispenser drawer	▪ At the end of the wash day
Water inlet filter	▪ When prompted «A9 Check water inlet»
Foreign body trap	▪ 1× per month
Drum illumination	▪ As required

When using fabric conditioner in the OptiDos drawer, we recommend running the cleaning programme every 3 months.

13.2 Cleaning the OptiDos drawer with the cleaning programme





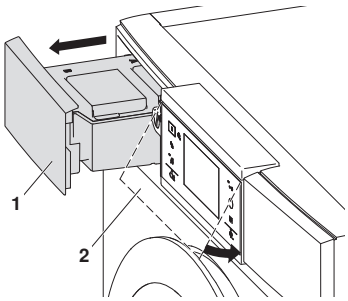
- ▸ Close the appliance door.
- ▸ Touch the +... button.
  - – The selection of extra programmes appears in the TouchDisplay.
- ▸ Touch the ⚙ button.
  - – The user settings menu appears in the TouchDisplay.
- ▸ Touch the **1/4** button repeatedly until the «OptiDos» user setting appears.
- ▸ Touch the «OptiDos» button.
  - – The OptiDos menu appears in the TouchDisplay.
- ▸ Touch either «OptiDos without selection guidance» or «OptiDos with selection guidance».
- ▸ Touch the ok button.
  - – The selection of containers appears in the TouchDisplay.
- ▸ Touch the button
  - – The cleaning programme starts.
- ▸ Follow the instructions in the TouchDisplay.

13.3 Cleaning the OptiDos drawer manually

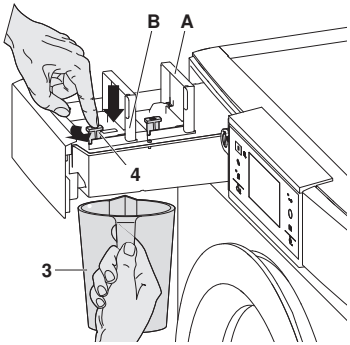
It is imperative that the OptiDos drawer be cleaned when changing over from a fabric conditioner to a washing detergent or vice versa. Otherwise the OptiDos drawer only needs to be cleaned if particularly dirty, e.g. with dried-on washing detergent.

Emptying the containers

- ▸ Pull the OptiDos drawer **1** out as far as it will go.
- ▸ Fold down the operating panel **2**.



- Place the receptacle **3** beneath container **B**.
- Press down drain valve **4** in a controlled manner and then lock in an anti-clockwise direction.
  – Any washing detergent left runs into the receptacle **3**.

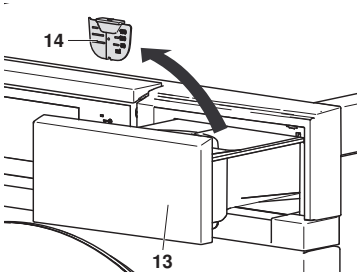


Depending on the detergent used, this process can take several minutes.

- As soon as container **B** has been drained, release the locked drain valve **4** in a clockwise direction.
- Empty container **A** in the same way as container **B**.

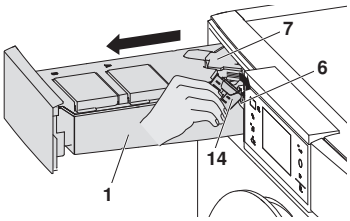
Removing the OptiDos drawer

- Open the detergent dispenser drawer **13** on the right-hand side of the appliance.
- Remove the blue liquid-detergent flap **14** from the detergent dispenser drawer **13**.

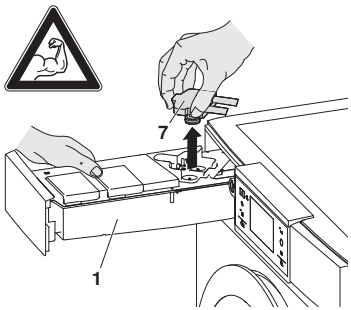


- Hold the liquid-detergent flap **14** with the sharp-edged corners pointing upwards.

- Using the liquid-detergent flap **14**, slightly turn the blue release **6** in a clockwise direction and at the same time pull out the OptiDos drawer **1** to the next stop position.
  – The coupling **7** becomes visible.



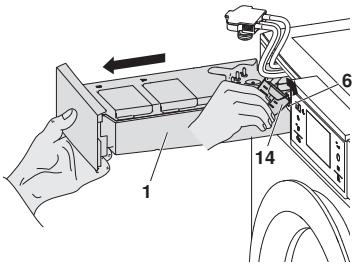
- ▸ Hold the OptiDos drawer **1** with one hand.
- ▸ Take hold of the coupling **7** with the other hand.
- ▸ Using some force, remove the coupling **7** from the OptiDos drawer **1**.



Do not push the OptiDos drawer 1 down! Do not pull the hose connected to the coupling 7! This can damage the appliance!

- ▸ Hold the liquid-detergent flap **14** with the sharp-edged corners pointing upwards.

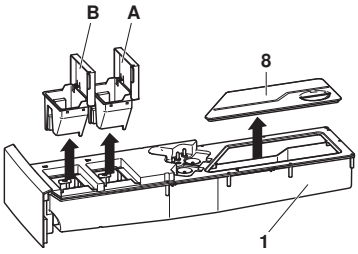
- ▸ Using the liquid-detergent flap **14**, turn the blue release **6** in a clockwise direction again and at the same time pull the OptiDos drawer **1** completely out.



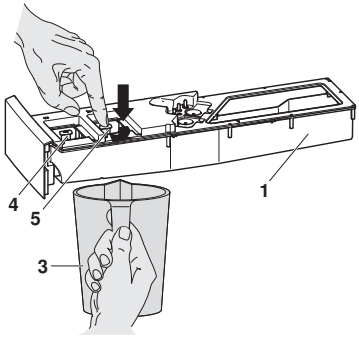
Cleaning the OptiDos drawer

Do not clean the OptiDos drawer in the dishwasher!

- ▸ Place the OptiDos drawer **1** on a flat surface.
- ▸ Take out containers **A** and **B** and cover **8**, clean with water and then wipe dry.

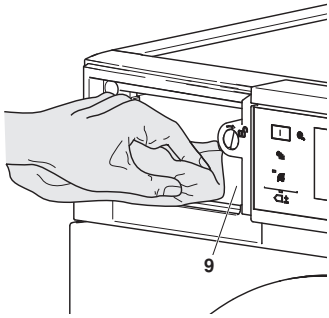


- ▸ Hold the receptacle **3** beneath drain valves **4** and **5**.
- ▸ Tilt the OptiDos drawer **1** so that any washing detergent left runs in the direction of drain valves **4** and **5**.
- ▸ Press down drain valves **4** and **5** in a controlled manner and then lock in an anti-clockwise direction.
  – Any washing detergent left runs into the receptacle **3**.
- ▸ Clean the OptiDos drawer **1** in the bath tub, shower or sink with warm water and then wipe dry.
- ▸ Put containers **A** and **B** and cover **8** back in the OptiDos drawer **1**.



Cleaning the coupling and guide duct

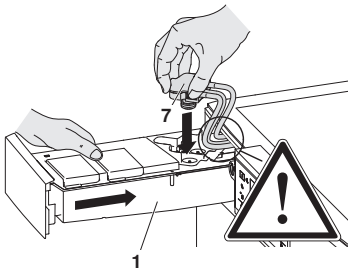
- ▸ Clean the coupling **7** with a damp cloth.
- ▸ If dirty, clean the guide duct **9** with a damp cloth.



Installing the OptiDos drawer

Hold coupling 7 in your hand in such a way that the cable and the hoses are not twisted.

- ▸ Hold the cable and hoses up.
- ▸ Push the OptiDos drawer **1** into the guide duct **9** until the coupling **7** can be inserted.
- ▸ Insert coupling **7** and push down until it engages.

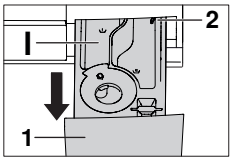


Only push the coupling down, not the OptiDos drawer!

- ▸ Push the OptiDos drawer **1** back in.
  – The OptiDos drawer **1** is locked again.

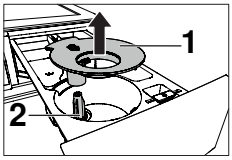
13.4 Cleaning the detergent dispenser drawer

Cleaning the detergent compartments



- ▶ Pull the detergent dispenser drawer **1** out as far as it will go.
- ▶ Push the blue release lever **2** to the left and pull the detergent dispenser drawer **1** completely out.
- ▶ Wash out the detergent compartments.
- ▶ Clean the duct under the pre-wash detergent compartment **I**.
- ▶ Insert the detergent dispenser drawer **1** again correctly.

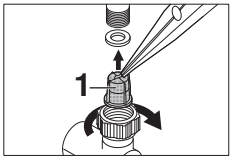
Cleaning the siphon and suction tube



- ▶ Pull siphon **1** in fabric conditioner compartment upwards and out.
- ▶ Clean the siphon **1** and suction tube **2**.
  – Insert the siphon **1** again correctly.

13.5 Cleaning the water inlet filter

Test the water inlet for leaks following maintenance work.

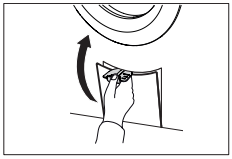


- ▶ To avoid blockages, periodically check and, if necessary, clean the water inlet filter **1**.

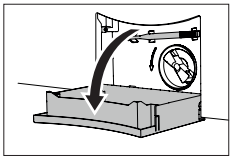
13.6 Emergency draining

The water in the appliance may be hot. Scalding hazard! Allow to cool down before emergency draining.

In the event of a blocked water outlet or drain pump, a malfunction or a power failure, if there is water still in the appliance it must be drained off as follows:

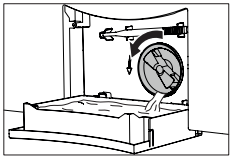


- ▶ Open the drain tray with the flap for liquid detergent.

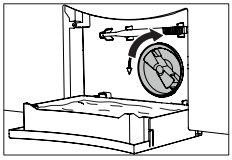


- ▶ Fold the drain tray right down. It also functions as a receptacle for collecting any water that runs out.

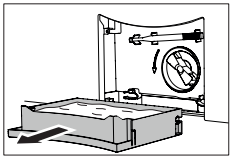
- Carefully release the foreign body trap somewhat by turning it anti-clockwise and steadily drain off the water.



- Close the foreign body trap by turning it clockwise and remove the drain tray from the front.



- Empty the drain tray and then put it back, pushing it in straight as far as it will go.

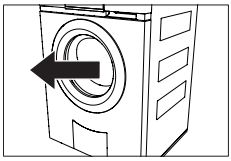


The drain tray can be removed and a larger receptacle used in its place to draining off the water. The appliance can hold up to 30 litres of water.

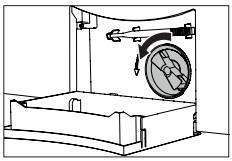
13.7 Cleaning the foreign body trap

Clean the foreign body trap at regular intervals as well as after washing, for instance, pet blankets or other wash items that cause a thick build-up of fluff.

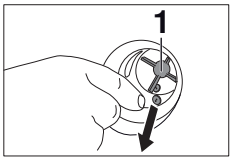
- Open the appliance door.



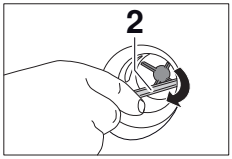
- Drain off any residual water (see page 44).



- Remove any foreign objects (buttons, coins, etc.) from around the impeller **1**.

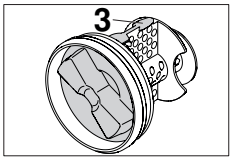


- Using the emergency door release tool **2**, check that the drain pump impeller can turn.

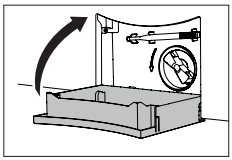


The impeller **1** may turn stiffly. This is construction related and does not indicate the presence of any foreign object or defect. If the impeller does not turn, please contact our Customer Services.

- Insert the foreign body trap – with the arrow-like cam **3** pointing upwards – as far as it will go.
- Screw the foreign body trap in clockwise as far as it will go.



- Put the drain tray back and close it to.



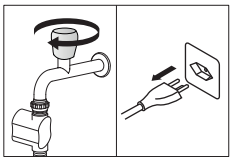
13.8 Cleaning the drum illumination

- If necessary, wipe carefully with a soft cloth.

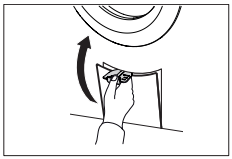
13.9 Opening the appliance door in the event of a power failure

Wait until the washing drum is completely stationary. A washing drum that is still rotating poses a risk of serious injury.

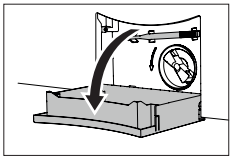
- Close the water tap and disconnect the appliance from the mains.



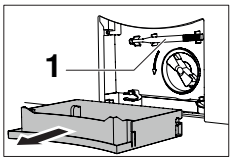
- Open the drain tray with the flap for liquid detergent.



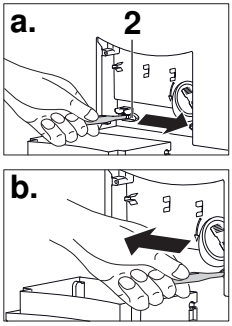
- Fold the drain tray right down. If necessary, carry out emergency draining.



- Remove drain tray.
- Remove the emergency door release tool **1** from its bracket.



- ▸ Insert emergency door release tool into blue opening cap **2** and turn in direction of arrow.
  - – **a.** Door opens from right
  - – **b.** Door opens from left
  - – The appliance door springs open.



If the emergency door release tool is missing, a screw driver can be used instead.

14 Trouble-shooting

You may be able to trouble-shoot the following malfunctions yourself. If not, note down the error message in full (message, F and E numbers) and call Customer Services.

14.1 Error messages

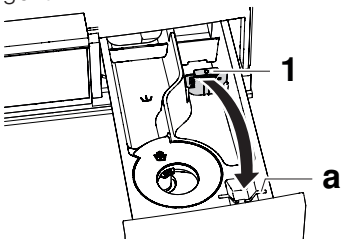
Display	Possible cause	Solution
A2 Check water outlet	▪ The foreign body trap is clogged. ▪ The drain pump is blocked. ▪ The drain hose is bent or kinked. ▪ The outlet or drain trap is clogged.	▸ Check cause (see page 45). ▸ Touch the ⏭ button. ▸ Restart the programme.
A3 Clean foreign body trap	▪ The foreign body trap is clogged. ▪ The circulation nozzle is clogged.	▸ Check cause (see page 45). ▸ Touch the ⏭ button. ▸ Restart the programme.
A5 Spin stop: Unbalanced load	▪ Large items are unevenly distributed in the washing drum.	▸ Wash large and small items together.
	▪ Pillows or similar items in the wash.	▸ Remove the pillows. ▸ Spin the washing again. ▸ Spin the pillows separately.
	▪ Wash items are tangled.	▸ Separate the wash items. ▸ Fasten duvet covers and pillow cases. ▸ Spin the washing again.
A6 Check foreign body trap	▪ The foreign body trap is missing or is not sitting correctly.	▸ Check cause (see page 45). ▸ Touch the ⏭ button. ▸ Restart the programme.

Display	Possible cause	Solution
A9 Check water inlet	▪ The water tap is turned off. ▪ The water inlet filter is clogged. ▪ Water supply is interrupted. ▪ Water pressure is too low.	▶ Clean water inlet filter or restore water supply (see page 44). ▶ Touch the ▷▷| button. ▶ Restart the programme.
F6/E77 see instructions SN XXXXX XXXXXX	▪ Anti-leak protection was triggered.	▶ Turn off water tap. ▶ Note down error message in full and appliance's SN. ▶ Touch the ▷▷| button. ▶ Call Customer Services.
FXX/EXX see instructions SN XXXXX XXXXXX	▪ Various situations can lead to an "F" message.	▶ Touch the ▷▷| button. ▶ Switch the power supply off for about 1 minute. ▶ Switch the power supply back on again and select a new programme.
	▪ If the error appears again:	▶ Note down error message in full and appliance's SN. ▶ Interrupt the water and power supply. ▶ If there is laundry in the appliance: carry out emergency draining, use emergency door release and unload laundry. ▶ Call Customer Services.
H20	▪ The water inlet counter is defective. It is still possible to wash without a problem. The water consumption displayed can deviate from the actual consumption.	▶ Call Customer Services.
U1/E27 see instructions SN XXXXX XXXXXX	▪ Faulty electrical connection. ▪ Overvoltage.	▶ Touch the ▷▷| button. ▶ Switch the power supply off for about 1 minute. ▶ Switch the power supply back on again and select a new programme.
	▪ If the error appears again:	▶ Have an electrician check the house installation. ▶ Note down error message in full and appliance's SN. ▶ Disconnect from the power supply. ▶ Call Customer Services.

Display	Possible cause	Solution
Foam in main wash: Rinsing extended (**with OptiDos**)	▪ If there is very heavy foaming, the programme is automatically extended by a rinsing cycle. This improves the wash results, but extends the programme time.	▶ Check whether the dosage entered corresponds to the amount recommended on the detergent package for 4–5 kg of washing. ▶ Adjust the dosage as required.
	▪ If the error appears again:	▶ Reduce the dosage.
Foam in main wash: Rinsing extended (**without OptiDos**)	▪ If there is very heavy foaming, the programme is automatically extended by a rinsing cycle. This improves the wash results, but extends the programme time.	▶ Reduce the amount of washing detergent used next time. ▶ Adjust detergent dosage to the water hardness.
Hygiene recommendation	▪ No wash cycle has been carried out at a temperature of at least 60 °C for a longer period of time.	▶ With one of the next wash cycles carry out a wash with at least 60° C. Or: ▶ Run «Appliance hygiene» programme without laundry.
Inlet water very cold: Heating extended	▪ Inlet water is very cold. Heating is extended.	▶ No action is necessary.
Too many items: Heating extended	▪ The selected programme is intended for a smaller load. Heating and possibly rinsing is extended.	▶ Adjust load to the max. load size.
Large unbalanced load: Spin extended	▪ The appliance optimizes the distribution of the wash load to compensate an unbalanced load. The final spin is extended.	▶ Wash large and small items together to avoid large unbalanced loads.

14.2 Other possible problems

Problem	Possible cause	Solution
The washing has not been spun or has been spun insufficiently.	▪ The spin speed set is too low.	► Increase the spin speed for the next wash cycle (see page 36).
	▪ Large unbalanced load in the washing drum	► Wash large and small items together.
	▪ «Steam anti-crease» was selected and the appliance was not standing level.	► Optimize appliance set-up according to installation instructions.
The appliance vibrates heavily when spinning.	▪ The transport lock has not been removed.	► Remove transport lock.
	▪ The feet of the appliance are not properly adjusted.	► Set appliance feet so that the appliance stands level.
	▪ The load could not be optimally balanced in the washing drum.	► Wash large and small items together.
At the end of the programme, the appliance door cannot be opened with the ⊸ button.	▪ The appliance door is stuck.	► Press hard against the lock area of the appliance door (i.e. front edge of appliance door). ► Touch the ⊸ button again.
	▪ An interruption in the power supply.	► Use the emergency door release (see page 46).
Water sounds after programme has finished when washing drum is turned by hand.	▪ The vanes are filled with water to compensate the unbalanced load.	► The water is automatically pumped off. No action is necessary.
Traces of conditioner or water in fabric conditioner compartment.	▪ Siphon in fabric conditioner compartment is missing or not inserted correctly.	► Insert the siphon correctly (see page 44).
	▪ Siphon or suction tube is clogged.	► Clean siphon and suction tube (see page 44).

Problem	Possible cause	Solution
Traces of powder detergent in detergent compartment.	▪ Damp or lumpy washing detergent.	► Store washing detergent in a dry place.
	▪ Detergent compartment was damp and a delayed start was selected.	► Wipe detergent compartment dry before adding the detergent.
	▪ Water flow pressure is too low.	► Open water tap fully.
	▪ Water inlet is scaled up.	► Check water inlet and, if necessary, clean the water inlet filter (see page 44).
	▪ Flap **1** was inserted into position for liquid detergent.	► Pull flap **1** upwards and out and insert into position **a** for powder detergent. 
Laundry is still dry after programme has finished – no error message.	▪ The demo mode is switched on.	► Switch the demo mode off (see page 39).
The consumption values for Eco-Management displayed are too high.	▪ The values can vary according to programme, load, additional functions and user settings. ▪ System-related fluctuations cannot be ruled out.	► Observe the user settings and additional functions.

Problem	Possible cause	Solution
The programme takes significantly longer than indicated.	The programme times given serve only as a guide. The duration can be extended by, for example, the following factors:	▶ Further information can be found in the section on «Consumption values».
	▪ Inlet water is very cold. Heating is extended.	▶ No action is necessary.
	▪ Washing detergent dosage is too high.	▶ Reduce the amount of washing detergent used next time. ▶ Adjust detergent dosage to the water hardness.
	▪ Too unbalanced a load during the intermediate spin.	▶ Follow the trouble-shooting solution for error message A5 (see page 47).
	▪ Flow of inlet water is low.	▶ No action is necessary.
	▪ There are deposits or fluff build-ups in the draining system or foreign body trap.	▶ Follow the trouble-shooting solution for error message A2 (see page 47).
The fill level display shows a full container even though the container is empty.	▪ The system is dirty.	▶ Clean the OptiDos drawer manually (see page 40).

14.3 Unsatisfactory wash results

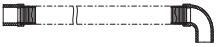
Result	Possible cause	Solution
White residue on washing	▪ Despite intensive rinsing, badly soluble compounds in the detergent can be left on the washing.	▶ Shake out or brush the wash items. ▶ Wash the items again with just a little washing detergent. ▶ Use a liquid detergent that does not contain zeolites. ▶ Select the «Black garments» textile programme.

Result	Possible cause	Solution
Grey residue on washing (**with OptiDos**)	▪ Grease and dirt particles left behind. ▪ Residue from detergent, limescale and dirt	▶ Check whether the dosage entered corresponds to the amount recommended on the detergent package for 4–5 kg of washing. ▶ Adjust the dosage as required. ▶ Adjust washing detergent dosage to water hardness.
	▪ If the error appears again:	▶ Increase the dosage.
	▪ Washing drum is overloaded.	▶ Put less laundry into the washing drum.
Grey residue on washing (**without OptiDos**)	▪ Grease and dirt particles left behind. ▪ Residue from detergent, limescale and dirt	▶ Increase detergent dosage. ▶ Use heavy-duty washing detergent. ▶ Adjust amount of detergent to water hardness and degree of soiling of washing.
	▪ Washing drum is overloaded.	▶ Put less laundry into the washing drum.
Washing feels hard	▪ Poor rinsing effect through very soft water (below 15 °fH).	▶ Select user setting «Soft water» (see page 37).
Unsatisfactory wash result using detergent for coloureds (**with OptiDos**)	▪ Washing detergent used does not contain bleach.	▶ Do not use the OptiDos drawer. Do not add washing detergent containing bleach to the OptiDos drawer! ▶ Open detergent dispenser drawer. ▶ Use washing detergent containing bleach.
	▪ Exceptionally heavily soiled washing.	▶ More intensive programme, e.g. degree of soiling «heavily soiled».
Unsatisfactory wash result using detergent for coloureds (**without OptiDos**)	▪ Washing detergent used does not contain bleach.	▶ Use washing detergent containing bleach.
	▪ Exceptionally heavily soiled washing.	▶ More intensive programme, e.g. degree of soiling «heavily soiled».
Unsatisfactory wash result using liquid detergent	▪ Liquid detergent does not contain bleach.	▶ Use washing detergent containing bleach.
Soap deposits on washing	▪ Water hardness is too high.	▶ Soap detergent should only be used if the water hardness is below 25 °fH.

Result	Possible cause	Solution
Unsatisfactory rinsing (**with OptiDos**)	▪ Too much washing detergent.	▶ Adjust washing detergent dosage to water hardness.
	▪ Very soft water (below 15 °fH)	▶ Select user setting «Soft water» (see page 37).
Unsatisfactory rinsing (**without OptiDos**)	▪ Too much washing detergent.	▶ Adjust washing detergent dosage to water hardness and degree of soiling.
	▪ Very soft water (below 15 °fH)	▶ Select user setting «Soft water» (see page 37).
Fabric stains	▪ Rust stains ▪ Chemical effect ▪ Residues from hair care products, cosmetics and plants can react with the suds to cause a chemical reaction that can result in staining.	▶ Brush out pockets in garments. ▶ Wash items with metal parts separately.
Colour run	▪ Non-fast colours in the wash.	▶ Wash white and coloured textiles separately. ▶ Follow fabric care labels.
	▪ Items in the wash whose colour has run.	▶ Empty garment pockets.
Holes, rips or tears	▪ Items in the wash with zips or hooks open.	▶ Fasten zip fasteners and hooks before washing. ▶ Wash delicates in a laundry bag or pillow case. ▶ Turn pockets inside out. ▶ Empty garment pockets.
	▪ Chemical effect of washing detergent, textile quality	▶ Do not put washing detergent directly onto the laundry.
	▪ Washing drum damaged by foreign objects (e.g. nails, paper clips, etc.)	▶ Inspect washing drum for foreign objects and damage. ▶ Remove foreign objects. ▶ Call Customer Services if the washing drum is damaged.
Fabric wear	▪ Washing drum overloaded	▶ Put less laundry into the washing drum.
	▪ Friction between fabrics during washing.	▶ Select additional function «Easy care».
	▪ Pilling	▶ Turn items inside out before washing.

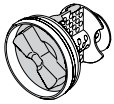
15 Spare parts

Please state the serial number (SN) when ordering parts.

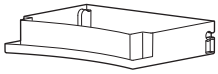


Drain hose 1.5 m / 4.0 m

Emergency door release tool

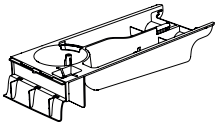


Foreign body trap

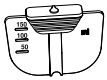


Drain tray

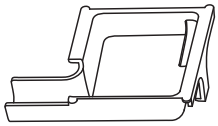
Siphon



Detergent dispenser drawer



Flap for liquid detergent



Insert for detergent dispenser drawer

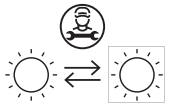
16 Technical data

General notes	
Height	85 cm
Width	59.5 cm
Depth	62.5 cm
Weight	71 kg
Pumping height of pump	1.2 m
Load capacity	8 kg dry washing
Connection to water supply	Cold water G¾"
Permitted pressure of water supply	0.1–0.6 MPa (1–6 bar)
Max. pumping height of drain pump	1.2 m
Spin speed	400, 600, 800, 1000, 1200, 1400, 1600 rpm
Electrical connection	The electrical connection can be found on the identification plate (see page 63).

16.1 Light sources

Light sources may only be replaced by a service technician.

This product contains a light source of energy efficiency class E.



16.2 Note for testing institutes

Set to the standard programmes according to AS/NZS 2040.2:2005.

Programme	Load capacity
40 °C Coloureds normal	8 kg
10 °C Coloureds normal	8 kg

- Touch the +... button.
- Touch the ⌂ button.
- Touch the ▷II button.

For test institutes we recommend for the measurement of end mode the door remains open so that it matches normal use without user intervention. Note at the point of end mode the door will automatically pop open.

16.3 Consumption values

Programme for normally soiled cotton load	Load capacity kg	Programme duration hrs./mins.	Energy consumption kWh/cycle	Water consumption l/cycle	Residual moisture %
40 °C Coloureds normal	8	4h10	0.65	67	53

16.4 VAS Vibration Absorbing System

As the washing drum starts to spin, if the control system detects that the load is out of balance it will interrupt the spinning action once or more. In this case, the appliance tries to improve the distribution of the wash load in the washing drum.
When spinning, at all spin speeds the load is, where necessary, actively balanced in the washing drum, whereby the hollow vanes are filled with the necessary quantity of water. This ensures optimal care and draining of the washing.

16.5 Water and energy economy

During the first few minutes of a programme running, sensors automatically determine the type and the size of the load being washed.
Water levels are then optimally adjusted to the wash load so that only the strict amount of water needed is used.

17 Washing tips

17.1 Energy and water economy

- Where possible fill the drum to the maximum load capacity of the relevant programme.
- Select «Pre-wash» or «Soaking» only for washing that is heavily soiled or stained.
- For lightly soiled washing without staining select the «20 °C» main wash programme or the additional function «Sprint».
- Select the additional function «Energy saving» if the duration of the programme or the germ-killing effect of high temperatures do not play a role.
- Select the additional function «OptiTime» if washing using a delayed start or the germ-killing effect of high temperatures do not play a role.

Spin speed

The energy consumption, noise and remaining moisture content of subsequent tumble drying depend on the spin speed set. The higher the spin speed in the spinning phase, the higher the noise and the lower the remaining moisture content of the washing at the end of the programme.

rpm	1600	1400	1200	1000	800	600	400
Remaining moisture content (cottons)	~44%	~47%	~52%	~60%	~70%	~90%	~110%

Automatic door opener

Use the appliance with the automatic door opener switched on. When the appliance door opens the appliance immediately enters the lowest possible stand-by power consumption state.

17.2 Avoiding damage

- Follow the fabric care symbols on garment labels.
- The wash temperature selected should agree with the recommended temperature range of the washing detergent to ensure the washing detergent is at its most effective.
- Wash white and coloured textiles separately.
- Empty pockets and turn inside out. Remove any foreign objects (coins, nails, paper clips, etc.).
- Empty and brush out pockets of work overalls worn in the metal industry. Metal shavings can damage the washing and cause rust stains.
- Fasten hook and eye fasteners and zips. These can damage the laundry and the drum.
- Fasten cloth belts, apron ties and duvet and pillow cases to avoid them getting tangled up.
- Wash smaller items (e.g. nylon tights, belts) and items with zips and hooks in a washing net or cushion cover.
- Remove stains before washing using a suitable stain remover.
- Pre-treat heavily soiled areas (collars, cuffs, etc.) with soap, special detergent or paste.
- Textiles, such as dog or horse blankets, that are covered in animal hair should be brushed out before washing.

18 Disposal

18.1 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.

18.2 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.

18.3 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.

Addresses of the importers

AU/ NZ	**V-ZUG Australia Pty. Ltd.** 2/796 High Street Kew East 3102, VIC AUSTRALIA	IL	**Digital Kitchen** Hataarucha 3 6350903 Tel Aviv ISRAEL
CN	**V-ZUG (Shanghai) Domestic Appliance Co. Ltd.** Raffles City Changning Office Tower 3 No. 1139 Changning Road 200051 Shanghai CHINA	LB	**Kitchen Avenue SAL** Mirna El Chalouhi Highway Wakim Bldg, Jdeiheh Beirut LEBANON
AT/ BE/ DE/ FR/ NL/LU	**V-ZUG Europe BVBA** Evolis 102 8530 Harelbeke BELGIUM	RU	**OOO Hometek** Dubininskaya Street 57 building 1 113054 Moscow RUSSIA
GB/IE	**V-ZUG UK Ltd.** One Pancras Square Gridiron Building N1C 4G London GREAT BRITAIN	SG	**V-ZUG Singapore Pte. Ltd.** 6 Scotts Road Scotts Square #03-11/12/13 228209 Singapore SINGAPORE
HK/ MO	**V-ZUG Hong Kong Co. Ltd.** 12/F, 8 Russell Street Causeway Bay HONG KONG	TR	**GÜRELLER** Anchor Sit.3A/1-2 Çayyolu 06690 ÇANKAYA/ANKARA TURKEY
IT	**Frigo 2000 S.p.A** Viale Fulvio Testi 125 20092 Cinisello Balsamo (Milano) ITALY	UA	**Private enterprise "Stirion" (MIRS corp.)** Osipova Street 37 65012 Odessa UKRAINE

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20 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 appliance straightaway online at www.vzug.com →Service →Warranty registration. 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.

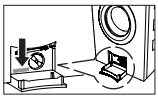
My appliance information:

SN: _____ **Appliance**: _____

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

Identification plate

- Open up drain tray.
  - The identification plate is located on the left-hand side next to the foreign body trap.



The SN can also be retrieved as follows:

- Hold the ⏭ button depressed until «Settings – SN 11023 000123» appears in the TouchDisplay.

Your repair order

At www.vzug.com →Service→Service number you will find the telephone number of your nearest V-ZUG service centre.

Technical questions, accessories, warranty extensions

V-ZUG is happy to help you with any general administrative or technical queries, to take your orders for accessories and spare parts and to inform you about our progressive service agreements.

Quick instructions

Please first read the safety precautions in the operating instructions.

Starting programme without OptiDos

- Switch on appliance and turn on water tap.
- Press the button. Appliance door opens.
- Load laundry.
- Add washing detergent to detergent dispenser drawer.
- Select programme and any additional functions (if required).
- Press the button. Programme starts.

Starting programme with OptiDos

- Switch on appliance and turn on water tap.
- Press the button. Appliance door opens.
- Load laundry.
- Enable OptiDos in the user settings.
- Define washing detergent / fabric conditioner.
- Enter dosage.
- Add washing detergent / fabric conditioner to the OptiDos drawer.
- Select programme.
- Select container.
- Select any additional functions (if required).
- Press the button. Programme starts.

When programme has finished

- Press the button and unload the laundry.
- Clean detergent dispenser drawer.
- Push appliance door to, but do not close.

1185868-01

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