

# Operating instructions

## REFRESH-BUTLER

Textile care system

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

**Please follow the safety precautions.**

### **Modifications**

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

### **Validity**

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

<b>Model</b>	<b>Product family</b>
REFRESH-BUTLER	14002

Variations depending on the model are noted in the text.

Colour operating instructions can be downloaded from the internet from [www.vzug.com](http://www.vzug.com).

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# 1 Safety precautions

## 1.1 Symbols used



Caution, risk of fire!



**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 5 kg.
- The appliance is only to be used with the recommended vaporizing medium. The use of other substances may give rise to a toxic or fire risk.
- The appliance has hot surfaces to evaporate active components. These surfaces should not be touched during use.
- The appliance may not be used if industrial chemicals were used for cleaning.
- Clean the fluff filters regularly. Do not allow fluff to build up around the appliance.
- Textiles that have been cleaned, treated or soaked with flammable chemicals, detergents or solvents (benzene, alcohol, stain remover, oil, turpentine, acetone, paint, wax, etc.): Fire or explosion hazard! Wash materials containing such substances first by hand with water or allow the solvent to evaporate completely.
- Items such as foam rubber (latex foam), shower caps, waterproof textiles, rubber backed articles and clothes or pillows with foam rubber pads are not suitable for the appliance.
- Remove all foreign objects (cigarette lighter, match, etc.) from the textiles.
- WARNING: Never stop the appliance before the end of the drying cycle unless all items are quickly removed and spread out so that the heat is dissipated.
- If the appliance is installed on a carpeted floor ensure that ventilation openings on the base of the appliance are not obstructed.
- If the appliance is installed in a housing, the ventilation openings are to be kept free of obstruction.

- Exhaust air from the appliance must not be discharged into a flue which is used for exhausting fumes from appliances burning gas or other fuels.
- Do not install the appliance behind a door that locks, a sliding door or a door with a hinge that lies opposite the hinge of the appliance.
- The appliance is equipped with an ultra-violet lamp. Do not look directly into the light source.

**To minimize the risk of fire in a tumble dryer, the following should be observed:**

- Oil-affected items can ignite spontaneously, especially when exposed to heat sources such as in a tumble dryer. The items become warm, causing an oxidation reaction in the oil. Oxidation creates heat. If the heat cannot escape, the items can become hot enough to catch fire. Piling, stacking or storing oil-affected items can prevent heat from escaping and so create a fire hazard. If it is unavoidable that fabrics that contain vegetable or cooking oil or have been contaminated by hair care products be placed in a tumble dryer they should first be washed in hot water with extra detergent – this will reduce, but not eliminate, the hazard.

## 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.
- Ensure access to the place of disconnection (e.g. socket outlet, wall switch, fuse).

### Correct use

- The appliance is only suitable for refreshing and drying home textiles. It is designed for use in the home and for the above-mentioned purpose only. No liability is assumed for any damage caused by improper or incorrect use.
- Any repairs, modifications or manipulations to the appliance, especially any electrically live parts, may only be carried out by the manufacturer, its customer service department or similarly qualified persons. Repairs if carried out incorrectly may cause serious injury, damage to the appliance and fittings, as well as affect the functioning of the appliance. If the appliance is not working properly or in case a repair is needed, follow the instructions given in the «Repair service» section. Contact our Customer Services if necessary.
- Use original spare parts only.
- Before closing the appliance door and starting a programme ensure that there are no persons, foreign objects or pets in the appliance.

### 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 «Refreshing and drying tips» section.
- Do not operate the appliance without a fluff filter or with a damaged fluff filter. Fluff can destroy the appliance!

### Caution: Risk of burns!

- Do not dry fabrics that contain traces of hair spray, hair gel, nail varnish remover or other similar substances. Danger of gas build-up!

### Caution: Risk to life!

- It is forbidden to enter or remain in the appliance. Danger of suffocation!

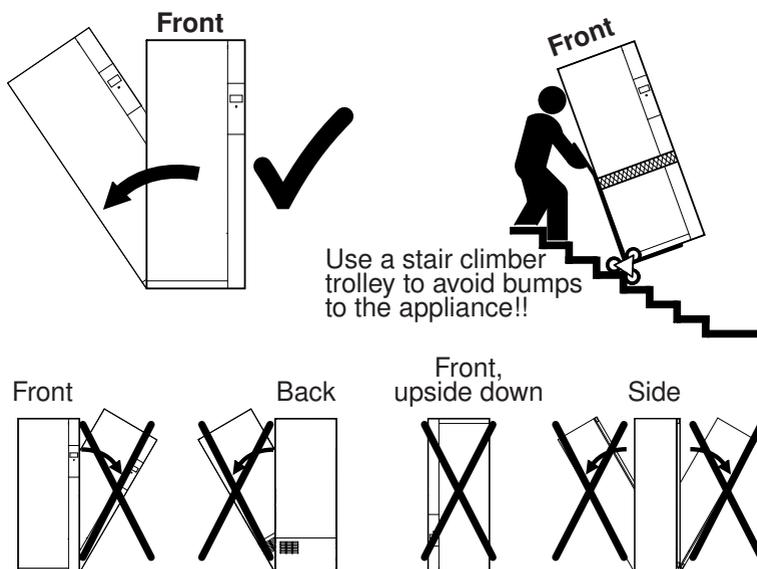
## 1 Safety precautions

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

### How to avoid damaging the appliance

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



## 2 Disposal

### 2.1 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.

### 2.2 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.

### 2.3 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.

### 2.4 Note on heat pump

This appliance is CFC-free. It contains fluorinated greenhouse gas covered by the Kyoto Protocol.

Heat pump	Hermetically closed
Greenhouse gas	R134a
Load capacity [kg]	0.450
GWP [(kg CO <sub>2</sub> )/(kg greenhouse gas)]	1430
Total GWP [t CO <sub>2</sub> ]	0.644

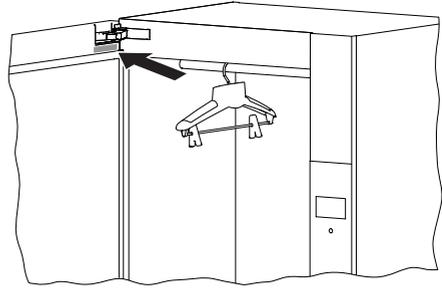
### 3 Using for the first time



The appliance can only be operated after standing in the normal operating position for around 2 hours.

#### 3.1 Where is the identification plate?

- ▶ Open the appliance door.
  - The identification plate is located on the inside of the appliance door at the top (see arrow).



Note down the serial number (FN) of your appliance on the back page of these operating instructions.

## 4 Your appliance

### 4.1 Appliance description

The REFRESH-BUTLER uses steam and heat to refresh your clothes and reduce odours and creases. Additionally, the extra programme hygiene leaves your washing germ free. The extra programme drying allows clothes that are wet from the rain to be dried particularly gently.

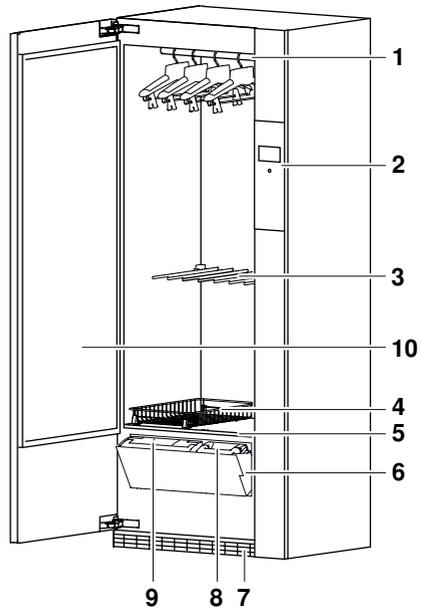
The appliance operates with a closed air circuit. The air is heated up and humidified by means of the heater and the boiler. The washing is refreshed by hot steam and, depending on the setting, sanitized and creases removed. The fresh water required for this is fed from a water tank. Odours are eliminated efficiently and lastingly through the use of a new technology called photocatalysis.

The appliance is also equipped with a heat pump. The washing is dried with the help of the heat pump by extracting moisture from the air and then heating up the air again. Recovering heat in this way sharply reduces energy consumption. The resulting condensate is fed into the corresponding water tank.

- Capacity: 5 kg dry washing
- Main programme: Refresh
- 2 extra programmes
  - Dry
  - Hygiene
- Programme settings
  - Refresh: Crease guard
  - Timed refreshing and drying
  - Easy care
  - Delayed start
- TouchDisplay
- Language selection
- Childproof lock
- Automatic energy-saving stand-by

## 4.2 Appliance construction

- 1 Clothes rail
- 2 TouchDisplay, On/Off button
- 3 Fold-down clothes rails
- 4 Basket
- 5 Main filter with filter mat below floor grille
- 6 Water tank cover
- 7 Fresh air grille with filter mat
- 8 Fresh water tank
- 9 Condensate tank
- 10 Appliance door

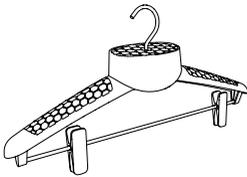


## 4.3 Accessories

### Clothes hangers



For heavier clothes, such as jackets and coats, use the clothes hanger supplied for optimal results.



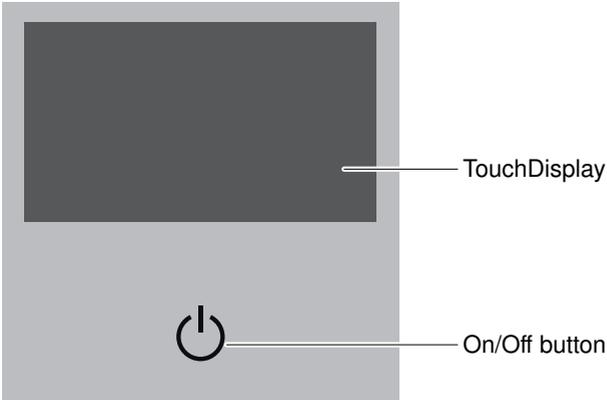
- For hanging up clothes
- Required for the main «Refresh» programme

### Basket



- Container for delicates, such as knitwear and woollens, small textile items and shoes

## 4.4 Operating and display elements



### TouchDisplay

All available functions are displayed in the TouchDisplay and the desired function can be selected by pressing the corresponding symbol or text.

### Programme



-  Refreshing
-  Extra programmes
-  Drying
-  Hygiene

## Programme settings

### Main programme



-  Odour
-  Load
-  Easy care
-  Timed refreshing
-  Crease guard
-  Delayed start

### Extra programmes

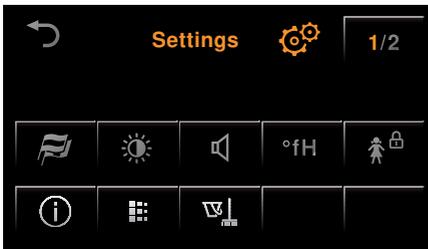


-  Level of dryness
-  Load
-  Easy care
-  Timed drying
-  Delayed start

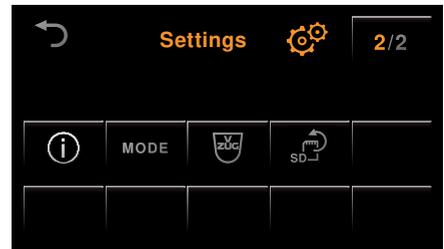


-  Easy care
-  Delayed start

## User settings



-  Language
-  Brightness
-  Button tone
-  Water hardness
-  Childproof lock
-  Delayed start



-  Descale
-  Cleaning the air duct
-  Information
- MODE** Operating mode
-  V-ZUG Service
-  Update software

## Button state

The buttons arranged on the TouchDisplay have three different states.

Symbol	Background	
Bright	Dark	<b>Selectable function</b> Programme or function can be selected.
Bright	Blue	<b>Function selected/changed</b> Programme or function is active.
Dark	Dark	<b>Non-selectable function</b> Programme or function is switched off.

## Additional functions

 Start

 OK

 Abort/Back

 Abort programme

# 5 Programme overview

## 5.1 Main refreshing programme

With the main refresh programme your dry washing is freed of odours using steam and heat and creasing is reduced.

The main refresh programme has 3 phases:

### Refresh

The heater increases the circulating air temperature and the washing is dampened using steam, which accelerates the refreshing of the clothes. In addition, the air is cleaned by photocatalysis. Once the washing has been refreshed, the «Drying» phase begins.

### Drying

The washing is dried by the heat pump. The drying programme is monitored by a moisture and temperature sensor. As soon as the required level of dryness is reached, the «Cool down / Airing» phase starts.

### Cool down / Airing

When the «Drying» phase finishes, the washing is cooled down and aired for at least 30 minutes.



Select the  «Easy care» programme setting for delicate textiles.

The following diagram gives an overview of the programme settings in the main refresh programme.

	Odour	<ul style="list-style-type: none"> <li>Strong</li> <li>Medium</li> <li>Faint *</li> </ul>
	Load	<ul style="list-style-type: none"> <li>Full</li> <li>Half-full</li> <li>Small *</li> </ul>
	Easy care	<ul style="list-style-type: none"> <li>Yes</li> <li>No *</li> </ul>
	Timed refreshing	<ul style="list-style-type: none"> <li>30</li> <li>40</li> <li>50</li> <li>60</li> <li>90</li> <li>120</li> <li>Off *</li> </ul>
	Crease guard	<ul style="list-style-type: none"> <li>Yes</li> <li>No *</li> </ul>
	Delayed start	

\* Factory setting

### Odour

▪ Strong	For washing with a strong odour after being in a smoky environment or a restaurant.
▪ Medium	For washing with a medium-strong odour after being in a smoky environment or a restaurant.
▪ Faint	Sprint programme For washing with a faint odour.

### Load



For optimal refreshing results, we recommend reducing the load to small or half-full.

▪ Full	For a maximum 5 kg dry load spread out on the upper and lower clothes rails.
▪ Half-full	For a normal load spread out on the upper and/or lower clothes rail.
▪ Small	For a small load, e.g. 4 shirts.

### Easy care

- Very gentle programme with reduced temperature.
- Particularly suitable for fine textiles, canvas shoes, trainers and functional clothing (e.g. Gore-Tex).

### Crease guard

- Creases in the washing are reduced through airing, heating and steaming.

### Timed refreshing

- The programme duration can be set to between 30 and 120 minutes.
- No other programme settings can be made if the «Timed refreshing» programme is selected.

### Delayed start

- Take advantage of cheap-rate electricity.
- Programme the start or end – so that, for instance, the textiles are ready to put on in the morning without the appliance having to run all night.
- During shut-off periods – determined by the local electricity supplier – the delayed start time is extended by the length of time the electricity was shut off. This is not shown in the display.

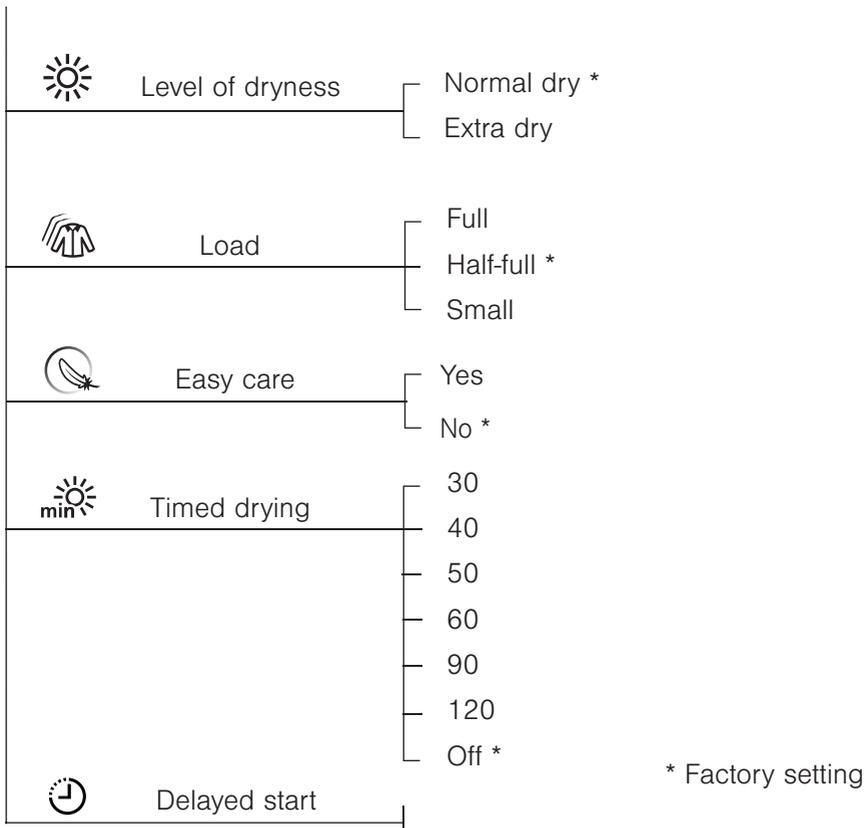
## 5.2 Extra programme «Drying»

In the extra programme «Drying», warm air flows through your hung-up washing for particularly gentle drying. The REFRESH-BUTLER dries clothes irrespective of whether you washed them in the washing machine or by hand or whether you were caught out in the rain. A heat pump is used for drying and the drying process is monitored by a moisture and temperature sensor.



Select the  «Easy care» programme setting for delicate textiles.

The following diagram gives an overview of the programme settings in the extra programme drying.



### Level of dryness

▪ Normal dry	Residual moisture <2 %
▪ Extra dry	Residual moisture -2 %

### Load

▪ Full	For a maximum 5 kg dry load spread out on the upper and lower clothes rails.
▪ Half-full	For a normal load spread out on the upper and/or lower clothes rail.
▪ Small	For a small load, e.g. 4 shirts.

### Easy care

- Very gentle programme with reduced temperature.
- Particularly suitable for fine textiles, canvas shoes, trainers and functional clothing (e.g. Gore-Tex).

### Timed drying

- The programme duration can be set to between 30 and 120 minutes.
- No other programme settings can be made if the Timed drying programme is selected.

### Delayed start

- Take advantage of cheap-rate electricity.
- Programme the start or end – so that, for instance, the textiles are ready to put on in the morning without the appliance having to run all night.
- During shut-off periods – determined by the local electricity supplier – the delayed start time is extended by the length of time the electricity was shut off. This is not shown in the display.

## 5.3 Extra programme «Hygiene»

In the extra programme «Hygiene», the clothing is freed of germs using heat and moisture. The running time of about three hours increases the sterilising effect.

The extra programme «Hygiene» has 3 phases:

### Hygiene

The heater increases the circulating air temperature and the washing is dampened using steam, which accelerates the sterilising of the clothes. In addition, the air is cleaning by photocatalysis. Once the washing has been refreshed, the «Drying» phase begins.

## Drying

The washing is dried by the heat pump. The drying programme is monitored by a moisture and temperature sensor. As soon as the required level of dryness is reached, the «Cool down / Airing» phase starts.

## Cool down / Airing

When the «Drying» phase finishes, the washing is cooled down and aired for at least 30 minutes.



Select the  «Easy care» programme setting for delicate textiles.

The following diagram gives an overview of the programme settings in the extra programme «Hygiene».



## Easy care

- Very gentle programme with reduced temperature.
- Particularly suitable for fine textiles, canvas shoes, trainers and functional clothing (e.g. Gore-Tex).

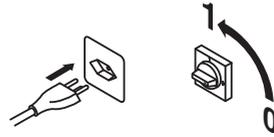
## Delayed start

- Take advantage of cheap-rate electricity.
- Programme the start or end – so that, for instance, the textiles are ready to put on in the morning without the appliance having to run all night.
- During shut-off periods – determined by the local electricity supplier – the delayed start time is extended by the length of time the electricity was shut off. This is not shown in the display.

## 6 Operating the appliance

### 6.1 Preparing the appliance

- ▶ Insert plug into mains socket or turn on at wall switch.



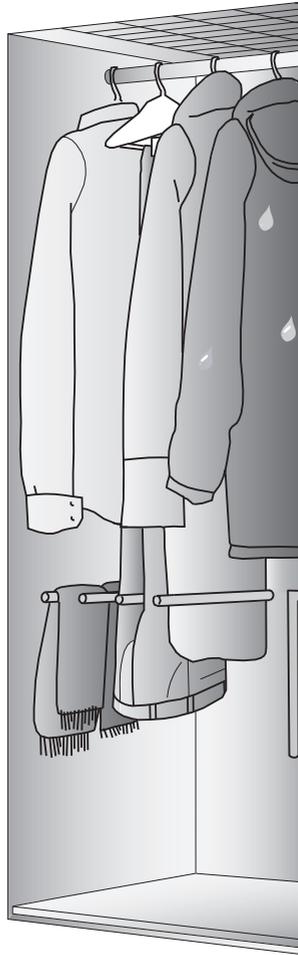
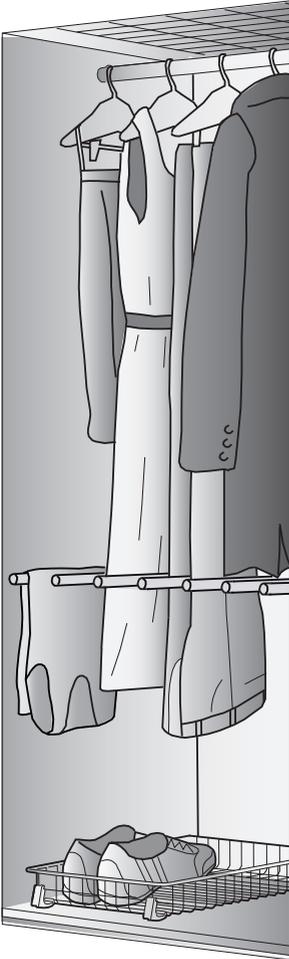
### 6.2 Arranging the washing

- ▶ Open the appliance door.
- ▶ Spread the washing out on the clothes rails and in the basket. See «Loading examples». The washing should not touch the appliance.
- ▶ Close the appliance door.



When closing the appliance door, check that no items of washing are trapped.

### 6.3 Loading examples



## 6.4 Refreshing and drying tips

### Loading tips

- Place woollens and other knitted items in the basket or on the rails at mid-height.
- Larger items of clothing can be hung diagonally in the appliance.
- Shoes trees can accelerate the drying process for shoes. After drying, allow the shoes to cool down for one hour.
- For a good crease-free result, trousers should be hung from the clothes hanger clips by the legs. For very good results, hang each trouser leg from a clothes hanger and make sure that the clothes hangers are around 20 cm apart.
- Clothes pockets must be emptied beforehand as otherwise they are difficult to dry.
- Hanging clothing by clothes hanger clips can leave impressions on the clothes. For this reason, clothes should be hung up by the loops (if any) in the clothes.

### General notes

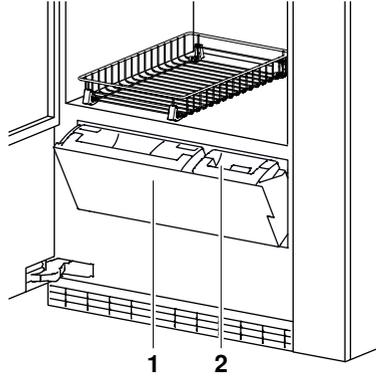
- Crease guard is particularly suitable for heavy items of clothing, such as blazers and suit trousers, due to their own weight.
- Cotton, linen and some fine silks crease very easily. Here creases can only be removed to a limited degree.
- For a good crease-free result, we recommend using shirts with a non-iron or easy care label.
- Odour reduction results may vary from person to person, odour type and textile properties.
- Using a cupboard deodorizer allows you to adjust the scent to suit your own preferences. The deodorizer must not contain any readily inflammable substances. Observe hazard signs!
- In the refresh and hygiene programmes, textiles come into contact with water. Water can change the surface of very delicate textiles. Test a small patch for sensitivity to water.
- We do not recommend treating the following textiles in the REFRESH-BUTLER: real leather, synthetic leather, fur. In the case of leather, for example, slight changes in the colour, size and appearance can occur when it comes into contact with water. This is a completely natural process.

## 6.5 Filling the fresh water tank



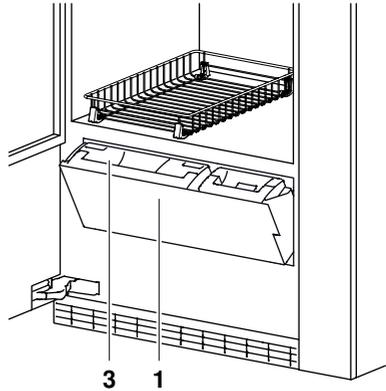
**Do not use demineralized (filtered) or distilled water.**

- ▶ Open the appliance door.
- ▶ Open the water tank cover **1** (press in the middle at the top).
- ▶ Using the handle, take out the fresh water tank **2** with the  symbol.
- ▶ Fill the water tank with fresh, cold water.
- ▶ Slot the fresh water tank **2** into position in the water tank compartment, pushing it in as far as it will go, and push the water tank flap **1** to close.



## 6.6 Emptying the condensate tank

- ▶ Open the appliance door.
- ▶ Open the water tank cover **1** (press in the middle at the top).
- ▶ Take out the condensate tank **3** with the  symbol by the handle.
- ▶ Empty the water tank.
- ▶ Slot the condensate tank **3** into position in the condensate tank compartment, pushing it in as far as it will go, and push the water tank flap **1** to close.



## 6.7 Programme settings

### Main programme



-  Odour
-  Load
-  Easy care
-  Timed refreshing
-  Crease guard
-  Delayed start

### Extra programmes



-  Level of dryness
-  Load
-  Easy care
-  Timed drying
-  Delayed start



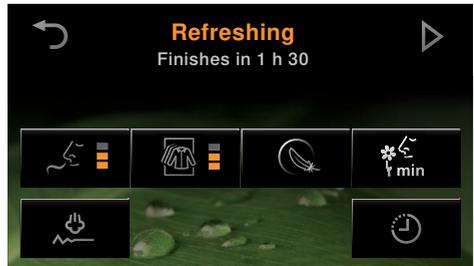
-  Easy care
-  Delayed start

## 6.8 Programme selection

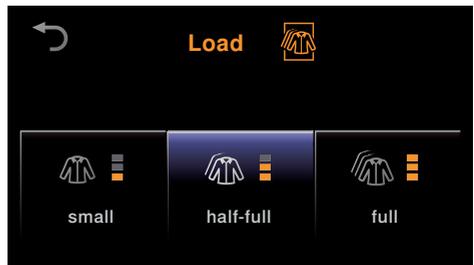
- ▶ To switch the appliance on: press the  button below the TouchDisplay.
  - The programme selection appears in the display:



- ▶ Press the desired programme, e.g. refresh.
  - An overview of the programme settings appears in the display:



- ▶ Press the  button to start the programme using the factory settings.
- ▶ Press any programme setting, e.g. load, to adapt the programme.
  - The selectable setting values appear in the display:



## 6 Operating the appliance

- ▶ Press the desired setting value, e.g. half-full.
  - The selected button has a blue background.
  - The overview of the programme settings appears in the display again.



- Orange-coloured bars or symbols in the display show the selected setting values.
- Buttons with a blue background indicate that a value other than the factory setting has been selected.
- The programme duration is shortened or lengthened depending on the selected programme settings and setting values.
- ▶ Select any further programme settings using the same procedure.
- After all the programme settings have been selected, the expected programme duration is shown in the display.
- ▶ Press the ► button.
  - Observe the action message that appears.
- ▶ Confirm the message with **ok**.
  - The programme selected starts.
  - The programme selected, the likely duration (hours/minutes) and the current status are displayed:



## 6.9 Changing selection

### During programme selection

- ▶ Press the desired programme setting.
- ▶ Press the setting value.
  - The overview of the programme settings appears in the display again.



Once a programme has started it is no longer possible to change it. The programme must be aborted.

## 6.10 Programme selection with childproof lock activated

The childproof lock can be switched on or off in the user settings.



- ▶ Enter the code given into the display.
- ▶ Press the **ok** button to confirm the code.
  - The childproof lock is overridden.
  - The appliance can now be operated as normal.

## 6.11 Interrupting a programme



**Hot steam may escape when the appliance door is opened: scalding hazard!**



When the appliance door is opened, condensed drops of water can land on the floor.



**The inside of the appliance may be hot. Unload the washing carefully.**



If the programme was interrupted, the washing could still be slightly damp.

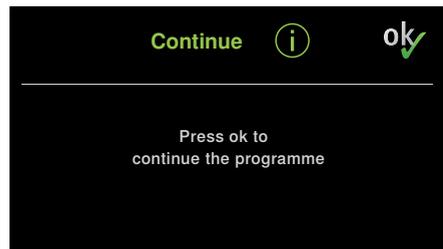
A programme that is running can be interrupted at any time to add or prematurely remove an item of washing.

- ▶ Open the appliance door.
  - The interior illumination is switched on.
  - If the appliance door is left open for any length of time (about 5 minutes) the programme is aborted.
- ▶ Close the appliance door.



The door may rattle for a few seconds due to pressure equalization.

- In the display appears:



- ▶ Press the **ok** button to continue the programme.
  - The active main programme appears in the display.

## 6.12 Aborting a programme before time



**Hot steam may escape when the appliance door is opened: scalding hazard!**



When the appliance door is opened, condensed drops of water can land on the floor.



**The inside of the appliance may be hot. Unload the washing carefully.**

- ▶ Press the **DI** button.
  - The programme is aborted.
  - In the display appears:



## 6.13 End of programme

- In the display appears:



- ▶ Open the appliance door.



Depending on the textile type, the washing may still be damp at the end of the programme. In such cases, the washing can be dried off on the «Timed drying» programme setting.

- ▶ Unload the washing.



The REFRESH-BUTLER is not a cupboard for storing clothes.

- ▶ Clean the main filter.
- ▶ Empty the water tank.
- ▶ Close the appliance door.
- ▶ Press the  button.



The interior illumination and the TouchDisplay go out 5 and 20 minutes respectively after the programme finishes.



If the appliance door is not opened when the programme finishes, airing starts up again every 3 hours and lasts for 15 minutes. This ensures that the washing remains fresh for up to 24 hours after the end of the programme. The washing should be removed within 24 hours.



If you do not use the appliance for a longer period of time, empty the water tank and open the appliance door.

# 7 User settings

## 7.1 Adjusting user settings

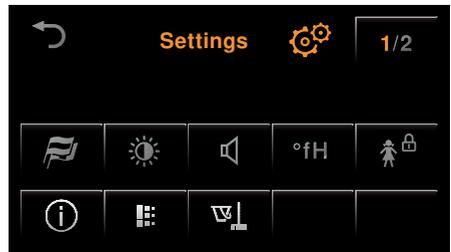
Providing no programme is running and no error message is displayed, the user settings can be changed. The procedure is generally the same for all settings.

### Changing user settings

- ▶ To switch the appliance on: press the  button below the TouchDisplay.
  - The programme selection appears in the display.



- ▶ Press the  button.
  - An overview of the user settings appears in the display.



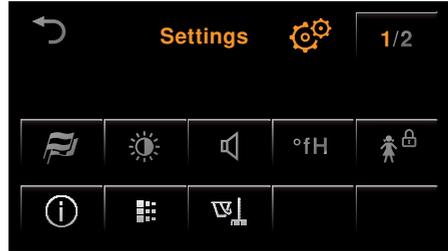
- ▶ Press the desired user setting, e.g. language.
  - The selectable setting values appear in the display.



## 7 User settings

---

- ▶ Press the desired setting value to change the setting.
  - The selected button has a blue background.
- ▶ Press the **ok** button to confirm the setting.
  - The overview of the user settings appears in the display again.
  - The changes have been saved.



### Exiting user settings

To exit user settings:

- ▶ Touch the  button.



If no button is pressed within the next 10 minutes, user settings are exited and the programme selection appears in the display.

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

	Language	Select desired language
	Brightness	1 2 3 * 4
	Button tone	On * Off
	Water hardness	Hard * Medium Soft
	Childproof lock	On Off *
	Delayed start	Start in Finish in *
	Information	
	Descale	
	Clean air duct	
	Operating mode	Silent * Standard
	V-ZUG Service	
	Update software	

\* Factory setting

## 7.2 Language

The language in the display can be changed. Different languages are available for selection.

### 7.3 Brightness

With this function the readability of the display can be adjusted to the prevailing lighting conditions.

#### Levels of brightness

1	Dark
2	Medium
3	Bright
4	Very bright

### 7.4 Button tone

The button tone can be switched on/off.

### 7.5 Water hardness

The relevant range of water hardness can be set. There are 3 setting ranges for water hardness:

Type	Water hardness [°fH]	Water hardness [°dH]	Water hardness [°eH]	Water hardness [mmol/l]
▪ Hard	33 to 50	21 to 28	26 to 35	3.3 to 5.0
▪ Medium	16 to 32	9 to 20	12 to 25	1.6 to 3.2
▪ Soft	1 to 15	1 to 8	1 to 11	0.1 to 1.5

### 7.6 Childproof lock

The childproof lock is to prevent children accidentally starting or stopping a programme. When the childproof lock is activated, the appliance can only be operated after first entering a code.

The childproof lock can be switched on or off.

### 7.7 Delayed start

Select one of two delayed start variants. Select the «Start in» variant to enter the time to the start of the programme. Select the «Finish in» variant to enter the time to the end of the programme.

### 7.8 Information

The current hardware and software versions are displayed in Information. This information is mainly for use by the service technician for trouble-shooting errors.

## 7.9 Descaling

Whenever steam is produced, depending on the hardness of the local water supply (i.e. the limescale content of the water), limescale is deposited in the boiler. The appliance automatically detects when descaling is necessary. The time interval between descaling depends on the hardness of the water and frequency of use. Failure to descale the appliance will likely impair its functions or cause damage to the appliance.

The descaling programme takes about 1 hour and 20 minutes. «durgol swiss steamer» descaler is mixed in the ratio of 1:2 (e.g. 0.5 l durgol to 1 l water). If the «Refresh» or «Hygiene programme» is used every second day, the following descaling intervals can be expected:

Water hardness (see page 38) type	Descaling interval
▪ Hard	About every 3 months
▪ Medium	About every 4 months
▪ Soft	About every 7 months

### Descaler

#### Durgol swiss steamer



#### Using the wrong descaler can damage the appliance!

Only use «durgol swiss steamer» to descale your appliance.

The descaler contains highly effective acid. If dripped or smeared (and left to dry) on smooth metal or plastic surfaces or polyamide textiles can cause stains. Immediately rinse away any splashes with water. Follow the manufacturer's instructions.



See «Accessories and spare parts» (see page 49) for where to obtain this descaler.



Standard descaling solutions are not suitable as they may contain foam-creating additives or not be effective enough.

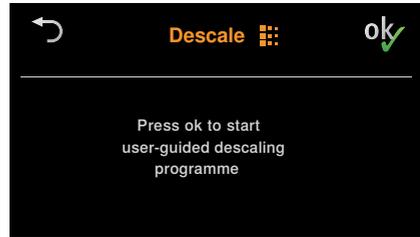
Using a different descaler could cause

- overfoaming inside the appliance
- insufficient descaling of the boiler
- damage to the appliance in the worst case.



**Remove clothes, accessories and any other objects from out of the appliance.**

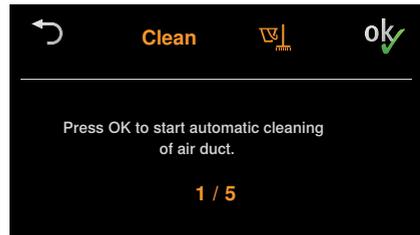
- ▶ Press the **ok** button to descale the appliance.
- ▶ Follow the instructions in the Touch-Display.



### 7.10 Cleaning the air duct

Over time, deposits can build up in the air duct. With this function the air duct is cleaned using steam. If the «Refresh» or «Hygiene» programme is used every second day, the «Cleaning the air duct» programme must be carried out about 1× a year.

- ▶ Press the **ok** button to clean the air duct.
- ▶ Follow the instructions in the Touch-Display.



### 7.11 Operating mode

There are two different operating modes. The appliance can be operated in the «Standard» mode or in the noise-optimized «Silent» mode.

### 7.12 V-ZUG Service

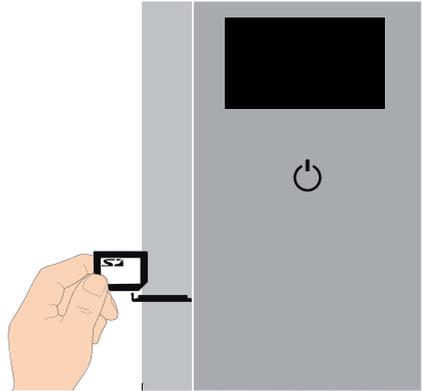
This function is for use by the service technician.

## 7.13 Updating the software

With this function the software can be updated.

Starting programme (see page 35)

- ▶ Push the SD card with the latest software into the card slot.
- ▶ Press the **ok** button to update the software.
  - The software starts updating.
  - The display goes black and the background illumination starts to flash.

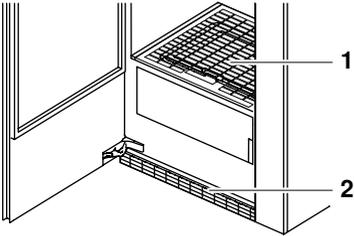


At the end of the programme:

- The background illumination illuminates a constant green.
- A button tone indicates that the software has finished updating.
- ▶ Remove the SD card from the card slot.
  - The appliance can now be operated as normal.

## 8 Care and maintenance

### 8.1 Cleaning intervals



Pos.	Appliance part	Cleaning interval	Cleaning
1	<b>Main filter</b>	As required *	▶ Remove any fluff.
		Whenever there is a heavier build-up of deposits	▶ Clean with an abrasive liquid cleaning agent and a sponge. ▶ Rinse off with water and allow to drip dry. If the water is hard use cleaning vinegar.
2	<b>Fresh air filter</b>	As required *	▶ Remove any fluff.
	<b>Water tank</b>	After every 50th use	▶ Clean by hand with a little detergent. ▶ Rinse out well with water.
	<b>Interior and exterior of appliance</b>	Occasionally	▶ Clean with a damp, soft, non-abrasive cloth and wipe dry. ▶ Carefully clean the inside of the appliance door including the door seal.

\* A coating of fluff can build up more or less quickly depending on the type of wash and the size of load.

## 8.2 «Clean filter units» error message



A thick coating of fluff results in a reduced process air flow which can impair the refreshing and drying process and trigger an error message.

Check and, if necessary, clean the following parts in the appliance:

- Main filter
- Main filter mat
- Fresh air filter mat

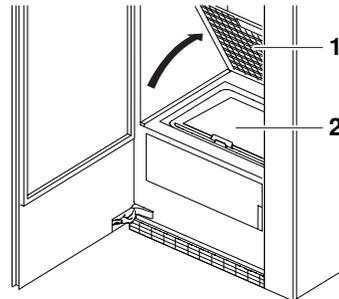
## 8.3 Build-up of fluff

Fluff is made up of fine textile fibres that largely come from the manufacturing process, from wear and tear during use and from items being washed. Fluff is not caused by excessive strain on the washing in the appliance. Even when washing is hung out to dry on a washing line, fluff is shed when the washing is shaken out or ironed.

Fluff sticks to washing when it is wet. The fluff is released during drying and gets trapped in the main filter. This is why there is always a build-up of fluff in the filter – sometimes more, sometimes less depending on the type of washing – after drying.

## 8.4 Cleaning the main filter

- ▶ Open the appliance door.
- ▶ Open back the floor grille **1** (see arrow).
- ▶ Pull out the main filter cassette **2**.
- ▶ Remove the fluff from the main filter. Wash the filter to clean off heavier deposits.
- ▶ Insert the main filter cassette again and close back the floor grille.

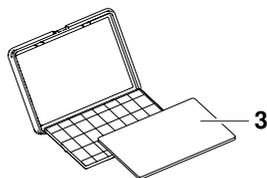
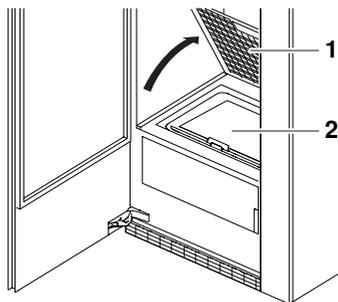


## 8.5 Cleaning the main filter mat



**Do not operate the appliance without the filter mat.**

- ▶ Open the appliance door.
- ▶ Open back the floor grille **1** (see arrow).
- ▶ Pull out the main filter cassette **2** and open it.
- ▶ Take out the filter mat **3**.
- ▶ Clean the filter mat under running water and allow to drip dry.
- ▶ Put the filter mat back in the main filter cassette and close it.
- ▶ Insert the main filter cassette again and close back the floor grille.

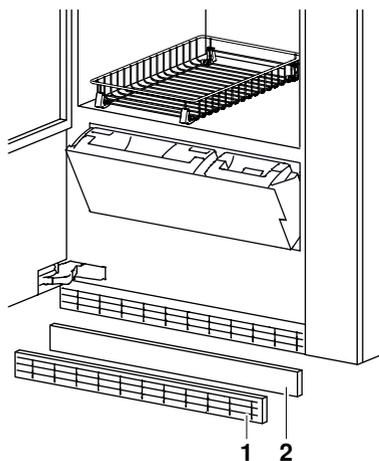


## 8.6 Cleaning the fresh air filter mat



**Do not operate the appliance without the filter mat.**

- ▶ Open the appliance door.
- ▶ Pull out the fresh air grille **1**.
- ▶ Take out the filter mat **2**.
- ▶ Clean the filter mat under running water and allow to drip dry.
- ▶ Put back the filter mat and the fresh air grille.

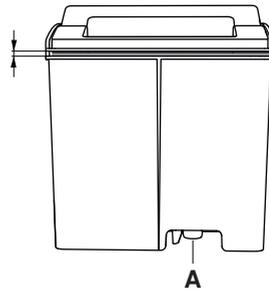
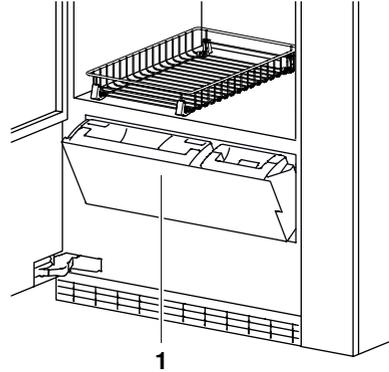


## 8.7 Cleaning the water tank

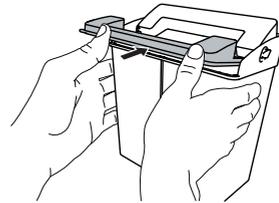


**Do not clean the water tank in the dishwasher.**

- ▶ Open the appliance door.
  - ▶ Open the water tank cover **1** (press in the middle at the top).
  - ▶ Using the handle, take out the water tank.
  - ▶ Remove the lid.
  - ▶ Clean the water tank by hand using a little detergent and rinse well with water.
- 
- ▶ Press the tank valve **A** upwards 2 to 3 times.



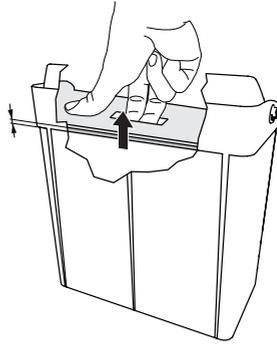
- ▶ Push the lid back.



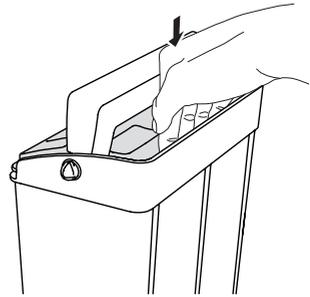
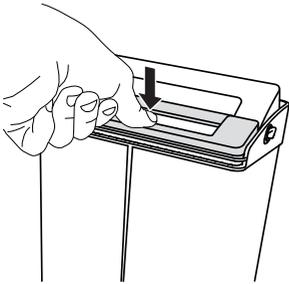
## 8 Care and maintenance

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- ▶ Lift the lid at the front and back (through the opening).



- ▶ Press the lid down at the front and back.



- ▶ Slot the water tank into position in the water tank compartment and push the flap to close.

# 9 Trouble-shooting

## 9.1 What to do if ...

This section lists faults that can be solved simply by following the instructions given. If another fault is displayed, the fault cannot be resolved or «Contact V-ZUG» appears in the message, please call Customer Services.



Before calling Customer Services, please note down the error message in full.

### ... «Fill up fresh water tank» appears

Possible cause	Solution
<ul style="list-style-type: none"><li>▪ The fresh water tank is empty or not filled up enough.</li></ul>	<ul style="list-style-type: none"><li>▶ Fill fresh water tank with fresh, cold water.</li><li>▶ Push the water tank back in as far as it will go.</li></ul>

### ... «Empty condensate tank» appears

Possible cause	Solution
<ul style="list-style-type: none"><li>▪ The condensed water container is full.</li></ul>	<ul style="list-style-type: none"><li>▶ Empty the condensed water container.</li></ul>
<ul style="list-style-type: none"><li>▪ The condensed water container is dirty.</li></ul>	<ul style="list-style-type: none"><li>▶ Clean the condensed water container with a little detergent manually and then rinse out with a sufficient amount of water.</li></ul>
<ul style="list-style-type: none"><li>▪ The water tank flap is open.</li></ul>	<ul style="list-style-type: none"><li>▶ Press the water tank flap shut.</li></ul>

### ... the progress of the programme remains frozen at «Cooling down» for a longer period.

Possible cause	Solution
<ul style="list-style-type: none"><li>▪ The laundry is being cooled down.</li></ul>	<ul style="list-style-type: none"><li>▶ No action is necessary. The laundry can be unloaded at any time as long as it is then spread out to cool down.</li></ul>
<ul style="list-style-type: none"><li>▪ A high ambient temperature or large load extends the cooling-down phase.</li></ul>	

... «FXX/EXX FN XX» appears

Possible cause	Solution
<ul style="list-style-type: none"> <li>▪ Various situations can lead to an «F» message.</li> </ul>	<ul style="list-style-type: none"> <li>▶ Cancel the error message by pressing the  button.</li> <li>▶ Switch off the power supply for about 1 minute.</li> <li>▶ Switch the power supply back on again and select a new programme.</li> <li>▶ If the error appears again, note down the error message in full (message, serial number (FN) and error number (E)).</li> <li>▶ Disconnect from the power supply.</li> <li>▶ Call Customer Services.</li> </ul> <p>If there is still some washing in the appliance:</p> <ul style="list-style-type: none"> <li>▶ Open the appliance door.</li> <li>▶ Unload the washing.</li> <li>▶ Call Customer Services.</li> </ul>

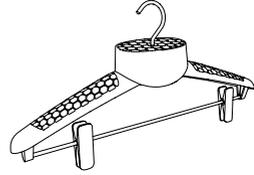
... the water tank flap cannot be closed

Possible cause	Solution
<ul style="list-style-type: none"> <li>▪ The fresh water tank or condensate tank is inserted incorrectly.</li> </ul>	<ul style="list-style-type: none"> <li>▶ Take out the water tank and then push it back in as far as it will go.</li> </ul>

## 10 Accessories and spare parts

Please give product family and exact designation when ordering parts.

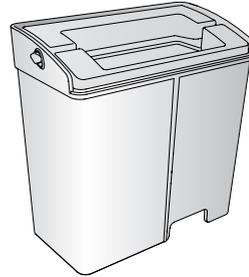
Clothes hangers



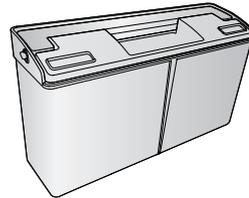
Basket



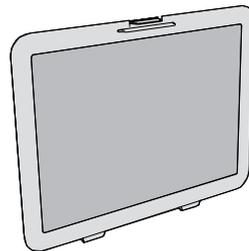
Fresh water tank



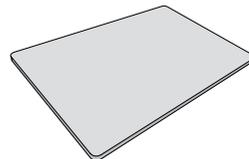
Condensate tank



Main filter



Main filter mat



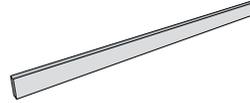
## 10 Accessories and spare parts

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Fresh air grille



Fresh air filter mat



durgol swiss steamer  
descaler



The descaler is also available from specialist retailers.

# 11 Technical data

## Dimensions

Height:	1960 mm
Width:	775 mm
Depth:	570 mm
Weight:	170 kg
Dry load capacity:	5 kg

## Ambient conditions

Permissible room temperature: 5 °C to 30 °C

## Electrical connection

► See identification plate (see page 12)

### 11.1 Consumption data for factory setting

D = Duration	E = Energy
T = Temperature	F = Fresh water consumption
R = Relative moisture	

<b>Programme</b>	<b>D</b> [mins.]	<b>T</b> [°C]	<b>R</b> [%]	<b>E</b> [kWh]	<b>F</b> [g]
<b>Refresh</b>	-	-	-	0.9	250-600
Heating up	about 40	50	-	-	-
Steaming	20	60-65	75-80	-	-
Drying	20	about 60	-	-	-
<b>Drying</b>	about 120	about 60	-	1.3	-
<b>Hygiene</b>				1.3	250-600
Heating up	about 45	50			
Steaming	100	60-65	75-80		
Drying	20	about 60			

Times and water consumption are adapted depending on programme selection. Programmes can thus be shortened or lengthened. With the easy care programmes, the temperature is kept under 55 °C.

## **11.2 Note for testing institutes**

The note for testing institutes can be obtained from the internet:  
[www.vzug.com/testinstitute](http://www.vzug.com/testinstitute).

## **11.3 EcoStandby**

The appliance is equipped with an automatic energy-saving «EcoStandby» function to avoid consuming energy unnecessarily.

The interior illumination and the TouchDisplay go out 5 and 20 minutes respectively after the programme finishes. Energy consumption is reduced to an absolute minimum. The safety functions, however, remain activated.

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# 13 Service & Support



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

Information on the V-ZUG warranty can be found at [www.vzug.com](http://www.vzug.com) →Service →Warranty information. Please read this information carefully.

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

My appliance information:

**FN:** \_\_\_\_\_ **Appliance:** \_\_\_\_\_

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

- ▶ Open the appliance door.
  - The identification plate is located on the inside of the appliance door at the top.

## Your repair order

At [www.vzug.com](http://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!**

- ▶ Press the  button.
- ▶ Open the appliance door.
- ▶ Load the washing.
- ▶ Close the appliance door.
- ▶ Select main programme.
- ▶ Select any additional functions, if required
- ▶ Press the  button.

End of programme appears in the display:

- ▶ Open the appliance door.
- ▶ Unload the washing.
- ▶ Clean the main filter.
- ▶ Empty the water tank.
- ▶ Close the appliance door.
- ▶ Press the  button.



1015615-R04

