

Washing machine

Unimatic T



Operating instructions

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 appliance is reserved.

Validity

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

Model	Type	Product family
Unimatic T	WA-UT	279

Variations depending on the model are noted in the text.

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1 Safety precautions

1.1 Symbols used



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



Information and precautions that should be observed.



Information on disposal



Information about the operating instructions

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

1.2 General safety precautions



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



- This appliance can be used by 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 unless constantly supervised.
- The appliance has a maximum dry load capacity of 7 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.
- Ensure access to the place of disconnection (e.g. socket outlet, wall switch, fuse) and the water tap.
- The transportation lock must be removed. Failure to remove the transportation locks can result in damage to the appliance or apartment or laundry room fittings.

Correct use

- The appliance is suitable for washing home textiles with water and regular washing machine detergent. 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 Services or a similarly qualified person. Repairs if carried out incorrectly could cause serious injury or damage to the appliance and fittings as well as affect the functioning of the appliance. If the appliance is not working properly or in case of a repair order, follow the instructions given in the 'Repair service' section. If necessary, please contact our Customer Services.
- Use original spare parts only.

Note on use

- If the appliance is not operating 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.

Caution: Burns hazard!

- 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.

Caution: Risk of injury!



- 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. Danger of suffocation! Keep packaging material away from children.

How to avoid damaging the appliance

- Close the appliance door carefully.
- Before closing the appliance door and starting a programme, ensure that there are no foreign objects or pets in the washing drum, detergent dispenser drawer 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 by the cable. Please note: the built-in overflow protection is rendered inactive when the power is switched off.
- 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.
- Textiles with metal reinforcements 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 Disposal

Packaging

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

Disconnection

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


Safety

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

Disposal

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



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

3 Using for the first time

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



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

Transportation lock



Before using the appliance for the first time, the transportation lock must be removed (3 screws with washers at the back of the appliance), in order to avoid damage to the appliance.

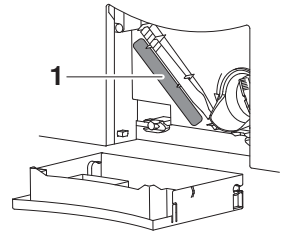
Running the first wash cycle without any washing

Run an empty wash cycle to remove any residues from the manufacturing process.

- ▶ Add a little washing detergent to compartment II.

3.1 Where is the identification plate?

- 1 Identification plate with serial number (FN)



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

4 Appliance description

4.1 Appliance overview

- Load capacity: 7 kg dry washing
- Top-loader
- 6 main programmes
- Additional programmes
 - Easy care
 - Pre-wash
 - Sport
 - Programmes for washing soiled to varying degrees
 - Anti-mite
 - Soaking
 - Refreshing
 - Soap wash
 - Bio wash
 - Skin protection

- Additional functions
 - Delayed start
 - Temperature setting
 - Spin speed (setting)
 - Stop after rinsing
 - Deselect parts of programmes

- Sensors for optimizing the wash cycle
- Plain text display for hints and trouble-shooting
- Childproof lock
- Language selection
- Automatic door opener

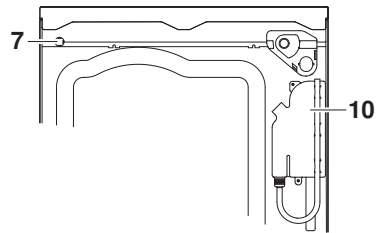
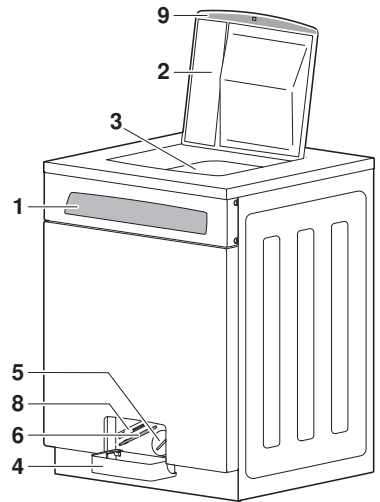
Transportation lock



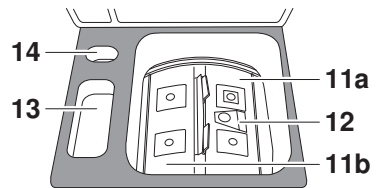
Before using the appliance for the first time, the transportation lock must be removed (3 screws with red washers at the back of the appliance).

4.2 Appliance construction

- 1 Operating and display elements
- 2 Lid
- 3 Loading opening
- 4 Drain tray
- 5 Foreign body trap
- 6 Emergency door release tool
- 7 Emergency door release (for safety reasons blocked when spinning and rinsing)
- 8 Identification plate / Serial number (FN)
- 9 Quick operating instructions
- 10 Overflow tank








- 11 Drum door
 - a Right plate
 - b Left plate
- 12 Drum door lock catch
- 13 Main wash detergent compartment
- 14 Fabric conditioner (softener) compartment







4.3 Operating and display elements









Programme selection buttons

- | | |
|--|---|
|  Whites 95 °C |  Coloureds 20 °C |
|  Coloureds 60 °C |  Woollens 30 °C |
|  Coloureds 40 °C |  Hand wash 20 °C |

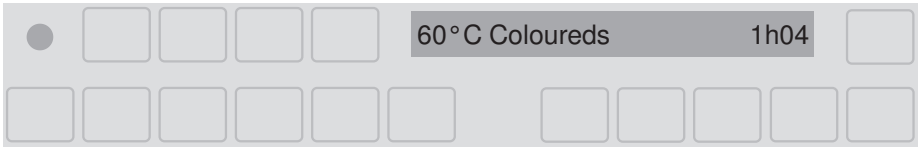
Additional programmes

- | | |
|--|---|
|  Easy care |  Sport |
|  Pre-wash |  Degree of soiling / Anti-mite |

Additional functions

- | | |
|---|--|
|  Temperature setting |  Fast forward / End of programme |
|  Spin speed |  Door opener |
|  Delayed start |  Language selection |

Plain text display



Various information appears in the plain text display during the programme selection and the programme sequence.

- Programme name with duration
- Programme progress with time remaining
- Additional functions
- Delayed start
- User settings
- Hints and trouble-shooting

Indicator lights



Indicator lights flash

Programmes or functions can be selected.



Indicator lights are illuminated

Programme or function is/are activated.



Indicator lights are dark

Programmes or functions are switched off.

5 Programme overview

5.1 Coloureds programmes



Whites 95 °C


1–7 kg

White cottons, linens with the  fabric care symbol e.g. bed and table linen, towels, white or colour-fast underwear.



Coloureds 60 °C


1–7 kg

Coloured cottons with the  fabric care symbol e.g. bright blouses, overalls, shirts, bed linen.



Coloureds 40 °C





1–7 kg

Coloured cottons and mixed washing with the  fabric care symbol e.g. coloured sweatshirts, t-shirts.



Coloureds 20 °C

1–7 kg

Energy-saving programme for lightly soiled textiles with fabric care symbols , ,  or .



Woollens 30 °C

1–2 kg

Gentle wash for woollens and other delicates. Only for woollens with a felt-free finish and labelled as «machine washable».

**Hand wash 20 °C**

1–2 kg

Very gentle wash for items labelled with the  fabric care symbol.

5.2 Additional programmes

Easy care





Pressing this button activates the easy care programme together with the relevant programme. Wash action and spin speed are reduced. The water level is increased during washing and rinsing. In the case of some programmes, the washing time may be shortened.

Whites 95 °C easy care





White cottons, e.g. iron-free shirts, bed linen, nappies, baby garments

Programme selection buttons	Load capacity	Spin speed	Programme duration	Water	Energy
 	3 kg	800 rpm	1h12	63 l	1.8 kWh

Coloureds 60 °C easy care





Easy care cottons, iron-free mixed fabrics, e.g. shirts, blouses

Programme selection buttons	Load capacity	Spin speed	Programme duration	Water	Energy
 	3 kg	800 rpm	0h59	58 l	1.1 kWh





Delicates 40 °C



 Washing made of perlon, nylon or trevira etc., e.g. dresses, skirts, blouses, net curtains

Programme selection buttons	Load capacity	Spin speed	Programme duration	Water	Energy
 	3 kg	800 rpm	0h57	63 l	0.6 kWh

5.3 Skin protection

To add the «Skin protection» function to the relevant programme, press the programme selection button for 3 seconds. Two extra rinsing cycles are added and the water level is increased significantly. The «Skin protection» function is particularly suitable for people with sensitive skin or with a suspected allergy to washing detergent. The consumption and energy values are increased as given in the table below.



Programme selection button	Programme duration	Water	Energy
 Press for 3 secs.	Plus about 0h20	Plus about 49 l	Plus about 0.1 kWh
			
			
			

 Press for 3 secs.	Plus about 0h15	Plus about 20 l	Plus about 0.1 kWh
			

5.4 Pre-wash









Pressing this button adds a pre-wash to the relevant programme. With pre-wash, the consumption and energy values are increased as given in the table below.

Programme selection buttons	Spin speed	Programme duration	Water	Energy
 	According to programme selected	Plus about 0h15	Plus about 18 l	Plus about 0.2 kWh

5.5 Sport



Press this button to adapt the programme for a small, lightly soiled everyday wash load (max. 3 kg).

Programme selection buttons	Load capacity	Spin speed	Programme duration	Water	Energy
 	3 kg	1200 rpm	0h39	50 l	1.0 kWh
 	3 kg	1200 rpm	0h29	50 l	0.5 kWh
 	3 kg	1200 rpm	0h26	50 l	0.3 kWh



Reduce the detergent dosage for only lightly soiled washing. An excessively large washing load or too much washing detergent can significantly lengthen the programme duration.

5.6 Degree of soiling / Anti-mite



The programme can be adapted to the degree of soiling of the washing by pressing the  button once or more. The setting selected appears in the display.

Possible settings

- **lightly soiled**

The programme selected is suitable for lightly soiled everyday washing.

- **medium soiled**

The washing time of the programme selected is slightly extended.

- **with one rinse**

The washing time of the programme selected is slightly extended. The programme is also extended by an additional rinsing cycle.









This function is ideally used in soft-water areas and for households with water softeners.

- **normally soiled**

The washing time of the programme selected is significantly extended.











Anti-mite

Anti-mite can be selected with the  and  programmes. The main wash - at the set temperature - is extended and the rinsing is intensified. This function is particularly suitable for individuals with an allergy to mites. The mites are killed and the allergens are rinsed out thoroughly. The consumption and energy values are increased as follows:

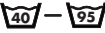


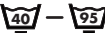



Programme selection buttons	Programme duration	Water	Energy
 	Plus about 0h40	Plus about 48 l	Plus about 0.3 kWh
 	Plus about 1h20	Plus about 48 l	Plus about 0.4 kWh

5.7 Special treatment

Separate rinsing

	For cottons and linens				
Programme selection buttons	Spin speed	Programme duration	Water	Energy	
  Press 1x	1200 rpm	0h30	47 l	0.1 kWh	
	For easy care garments and synthetic fibre blends				
Programme selection buttons	Spin speed	Programme duration	Water	Energy	
 ,   Press 1x	800 rpm	0h33	44 l	0.1 kWh	
	For machine washable woollens				
Programme selection buttons	Spin speed	Programme duration	Water	Energy	
  Press 1x	800 rpm	0h23	43 l	0.1 kWh	

Separate spinning

	For cottons and linens				
Programme selection buttons	Spin speed	Programme duration	Water	Energy	
  Press 3x	1200 rpm	0h09	–	0.1 kWh	
	For easy care garments and synthetic fibre blends				
Programme selection buttons	Spin speed	Programme duration	Water	Energy	
 ,   Press 3x	800 rpm	0h11	–	0.1 kWh	

	For machine washable woollens				
Programme selection buttons	Spin speed	Programme duration	Water	Energy	
Press 3x	800 rpm	0h06	-	0.1 kWh	

Separate conditioning, starching or proofing










Add agent to fabric conditioner (softener) compartment.

-	For cottons and linens				
Programme selection buttons	Spin speed	Programme duration	Water	Energy	
Press 2x	1200 rpm	0h14	18 l	0.1 kWh	

-	For easy care garments and synthetic fibre blends				
Programme selection buttons	Spin speed	Programme duration	Water	Energy	
, Press 2x	800 rpm	0h16	17 l	0.1 kWh	


	For machine washable woollens				
Programme selection buttons	Spin speed	Programme duration	Water	Energy	
Press 2x	800 rpm	0h11	15 l	0.1 kWh	

Refresh programme


 Programme selection buttons  ,  ,  Press 3x	For refreshing all machine washable items and for washing new textiles for the first time.	Spin speed	Programme duration	Water	Energy
		1200 rpm	0h18	35 l	0.1 kWh
 Programme selection buttons  ,  Press 2x	For refreshing woollens	Spin speed	Programme duration	Water	Energy
		600 rpm	0h30	45 l	0.2 kWh



5.8 Additional functions

Delayed start





 The programme start can be delayed from one hour to a maximum of 24 hours. During shut-off periods, which are 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.

Temperature setting



 The washing temperature can be lowered in 10°C steps (or above 80°C in 15°C steps), allowing lightly soiled (not stained) textiles to be washed with a saving in energy.

- The temperature of the  programme can be increased to 40°C.
- The temperature of the  programme can be increased to 30°C.


Cold wash

For the , ,  and  programmes, if a temperature below 20°C is selected, then **Cold wash** is shown.

Refresh programme

For the  programme with , if a temperature below 20°C is selected, then **Refresh programme 0h18** is shown. This is suitable e.g. for washing new textiles for the first time.

Spin speed

 The spin speed can be changed in steps of 200 rpm (1200, 1000, 800, 600, 400 rpm and stop after rinsing).

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

With «Stop after rinsing», the washing remains lying in the water after the final rinse. There is no spinning nor intermediate spinning.

Fast forward / End of programme

 Press the  button to deselect parts of a programme at any time.

- From main wash to rinsing
- From rinsing to conditioning
- From conditioning to spinning
- From spinning to draining

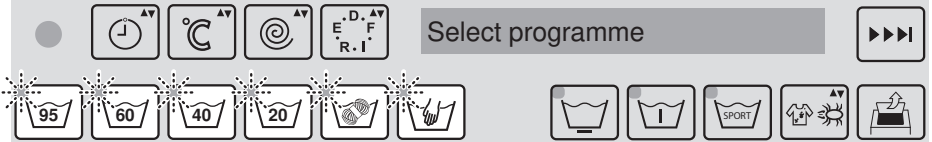



Once a programme has started, it is not possible to skip the «Draining» part of the programme. It is necessary to wait until this part of the programme has completely finished.

6 User settings

6.1 Language selection

The language in the plain text display can be changed at any time, even if a programme is running.







- ▶ Press the  button repeatedly to change the language to German, French, Italian, Rhaeto-Romanic, English and so on.

6.2 Childproof lock

The childproof lock is to prevent children accidentally starting or stopping a programme.



- ▶ Abort any programme that is running (see 'Deselecting parts of programmes').
- ▶ Open the lid.
- ▶ Hold the  button depressed and at the same time press the  button.
 - In the plain text display appears:
 - **Childproof lock OFF** (childproof lock is switched off)
 - or
 - **Childproof lock ON** (childproof lock is switched on)
- ▶ To change the current state of the childproof lock, hold the  button depressed and press the  button again.







See 'Programme selection with childproof lock activated' for how to operate the appliance when the childproof lock is activated.

6.3 Automatic door opener

If the automatic door opener is switched on, the lid opens automatically at the end of the programme. If the automatic door opener is switched off, the lid remains closed at the end of the programme. ► End of programme appears in the plain text display.



- Abort any programme that is running (see 'Deselecting parts of programmes').
- Open the lid.
- Hold the  button depressed and at the same time press the  button.
 - In the plain text display appears
 - **Automatic door opener ON** (automatic door opener is switched on)
 - or
 - **Automatic door opener OFF** (automatic door opener is switched off)
- To change the current state of the automatic door opener, hold the  button depressed and press the  button again.

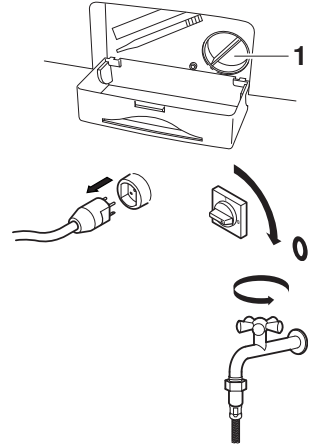



Only in the event of a power failure should the emergency door release be used to open the lid (see 'Opening the lid in the event of a power failure').


7 Washing

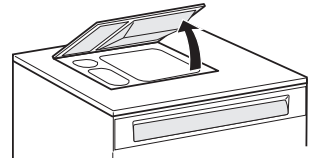
7.1 Preparing the appliance

- ▶ Ensure that the foreign body trap **1** is sitting properly.
- ▶ Plug the appliance in at the mains or turn the wall switch on.
- ▶ Turn on the water tap.

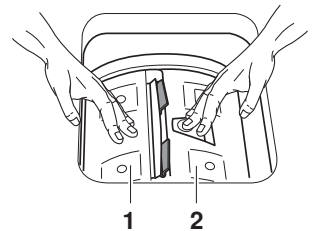


If a programme that has already been started has not completely finished, press the  button until **Draining 0h01** appears. Wait until the programme has completely finished.

- ▶ Open the lid by pressing the  button.
- ▶ Open the drum door.

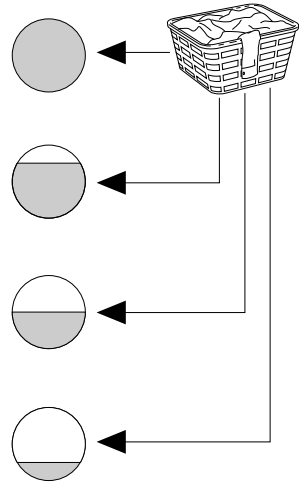


Hold the left plate **1**. Press the right plate **2** down on the marked lock catch until the left plate disengages. Slowly release both plates!



7.2 Loading the appliance

- ▶ Load dry washing (max. 7 kg).
- If washing normally soiled whites and coloureds, fill the washing drum.
- If washing heavily soiled whites and coloureds, fill the washing drum max. $\frac{3}{4}$ full.
- If washing easy care cotton fabrics, white and coloured synthetic fabrics as well as mixed fabrics, fill the washing drum max. $\frac{1}{2}$ full.
- If washing delicates, woollens, silks, polyacrylics or net curtains, fill the washing drum max. $\frac{1}{4}$ full.



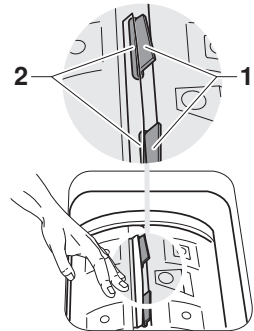
For wet loads, halve these load capacities.

To prevent unbalanced spinning, vibration noise and interrupted spinning action, avoid loading the washing drum with any one single, heavy item.

- ▶ Close the drum door.

Press the left plate down over the right plate until both catches 1 engage in the slots 2. Release the plates until they lock into place.

- ▶ Press the left plate down slightly to ensure the flap is locked into place.



If no programme selection is made within 20 seconds, all the displays go out. However, it is still possible to make a programme selection.

7.3 Adding washing detergent

Detergent dosage



Adding too much washing detergent can cause excess foaming, giving a poor wash result and, in the worst case, causing damage to the appliance.

The amount of detergent required depends on the degree of soiling as well as the wash load, the hardness of the water and the product being used. Adjust the dosage accordingly. Follow the detergent manufacturer's dosing instructions. The hardness of the water is measured using the French degree of water hardness (°fH) and is subdivided into three categories:

- soft 0 °fH to 15 °fH
- medium 15 °fH to 25 °fH
- hard over 25 °fH*

* Use water softener and reduce washing detergent dosage

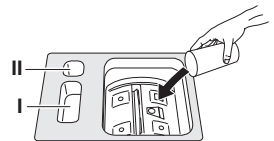
The local water authorities can provide information on the level of water hardness in your area.

Adding powder detergent / fabric conditioner

Add powder detergent and fabric conditioner (softener), if required, as follows:

Compartment

Pre-wash detergent	Place on washing drum
Main wash detergent	Add to compartment I
Fabric conditioner (softener)	Add to compartment II



Bio wash

Alkaline detergent	Place on washing drum
Bleach	Add to compartment I
Fabric conditioner (softener)	Add to compartment II

Soap wash

Water softener	Place on washing drum
Soap detergent	Add to compartment I
Fabric conditioner (softener)	Add to compartment II



Do not fill with fabric conditioner past the «maximum» mark. Do not use fabric conditioner if drying the washing in a tumble dryer. Tumble drying automatically leaves fabrics soft and fluffy to the touch.

Adding liquid detergent

Liquid detergent can only be used for the main wash with programmes without a pre-wash. They are only suitable for wash temperatures of between 20 °C and 60 °C. Liquid detergents are not as effective with 95 °C programmes as they do not contain bleach.



Liquid detergents are best used with the «Sport», «Woollens», «Hand wash» and «Easy care» programmes.

Add liquid detergent as follows:

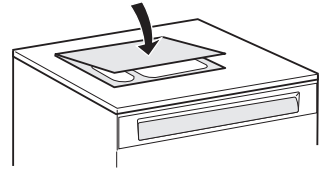
- With the drum door closed, place directly on the washing drum.
- If using the dosing ball that comes with the liquid detergent, when loading the appliance place it directly on top of the washing.

Liquid detergent and a delayed start

If a «Delayed start» has been selected, when loading the appliance a dosing aid (e.g. ball) should be placed directly on top of the washing. It is important that the liquid detergent does not spill onto the washing during the delayed start period.

After adding the washing detergent

- ▶ Close the lid.
 - Select programmeappears in the plain text display.
 - The indicator lights for the programme selection buttons flash.
 - A programme can now be selected.
- ▶ Select programme.



If no programme selection is made within 20 seconds, the displays go out. However, it is still possible to make a programme selection.

7.4 Soap detergent

Select the additional «Soap wash» programme to wash with soap detergent. Since soap binds with lime, soap detergent should only be used when the water is soft or moderately hard (up to 25 °fH) and limescale protection is added. Soap scum can otherwise form and build up in the laundry and the appliance.

Further, limescale build-up on the tub heating element can make repairs necessary.

7.5 Dyeing and proofing textiles

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

7.6 Programme selection

«Press and go»

The main wash programmes can be started at the press of a single button. The control unit gives the relevant programme information for the different programmes.

Select any additional programmes or functions by pressing the relevant buttons.

If no buttons are pressed within 20 seconds, the programme selected starts automatically.

If **Childproof lock** appears in the plain text display after pressing a button, then the childproof lock is activated.

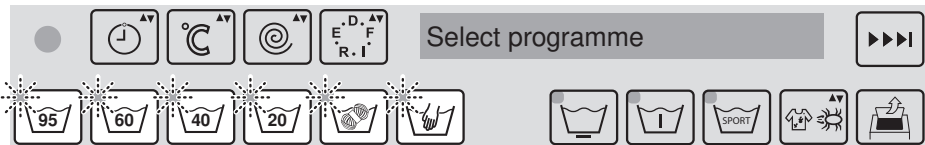


Use the 'Programme overview' to determine which programme is the most suitable for your washing.

Selecting main programme with/without «Skin protection»

► Close the lid.

- The indicator lights for the programme selection buttons flash.



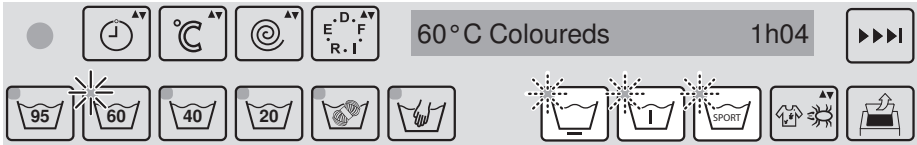
► For the main programme without «Skin protection», press the required programme selection button; for the main programme with «Skin protection», hold the required programme selection button depressed for 3 seconds.

- The indicator light for the programme selected illuminates.
- The wash temperature, the programme selected and the likely programme duration (hours/minutes) appear.
- The indicator lights for additional programmes that may be selected flash for 20 seconds.



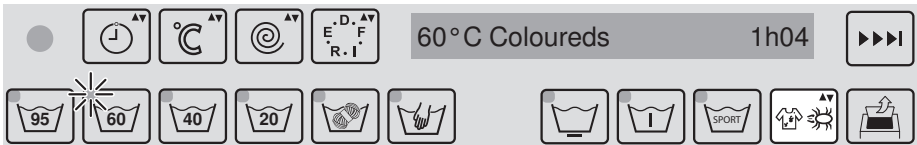
During this time it is possible to select a new programme. All additional programmes selected are cancelled and must be reselected.


Selecting easy care / pre-wash / sport



- ▶ Press the required button while the indicator lights are flashing.
 - The indicator light for the function selected illuminates.
 - The likely programme duration appears.

Selecting degree of soiling / anti-mite






- ▶ Immediately after selecting a programme, press the  button repeatedly until the relevant degree of soiling

Lightly soiled	/	Medium soiled	/
With one rinse	/	Normally soiled	/
Anti-mite	appears.		

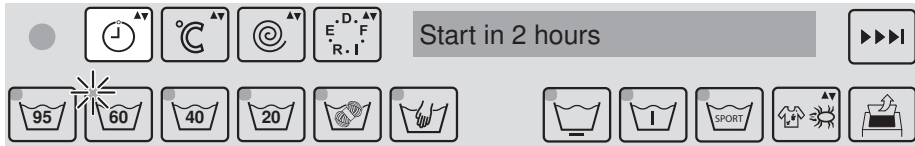
 - The likely programme duration appears.




The  programme can only be selected with «Medium soiling» or «With one rinse».

«Anti-mite» can only be selected with the  and  programmes.


Selecting a delayed start



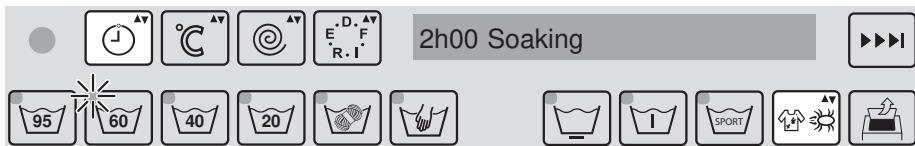
- ▶ Immediately after selecting a programme, press the  button.
- ▶ Press repeatedly to set the desired delayed start time.
 - The time set or remaining to the delayed start is displayed.
 - The plain text display goes dark.
 - When the set duration is up, the programme selected starts automatically. The programme and the likely programme duration are displayed again.






Washing can be added at any time.


The time remaining to the delayed start can be shortened in hourly steps to zero by repeatedly pressing the  button.

Setting the soaking time



- ▶ After selecting a programme, hold the  button depressed and press the  button.
 - A soaking time of 2h00 is shown as a suggestion.
- ▶ To change, press the  button repeatedly until the desired soaking time is displayed.
 - The soaking time can be set at intervals of 30 minutes, starting initially at 2h00 and going down to 0h30 and then at 6h00 and going down to 0h30.



«Soaking» and «Delayed start» cannot be used at the same time. If the water used for soaking is not to be used for the main wash, select the desired programme together with the additional  programme.



Selecting soap wash

A special programme is available for washing with soap detergent.



See «Compartment» for the correct dosage of detergent.



- ▶ Select programme.
- ▶ Hold the  button depressed and at the same time press the  button 1x.

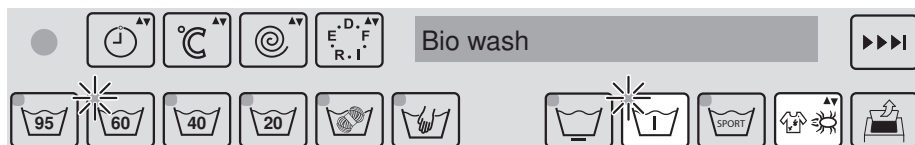
Selecting bio wash



A special programme is available for washing with multi-component detergent. First the alkaline detergent is added to the wash and the suds are heated up 40 °C. Then after around 5 minutes the bleach is added.

Bio wash is particularly suitable for removing stubborn protein-based soiling. Can only be used with programmes without a pre-wash. It is not possible to use bio wash together with soap wash.



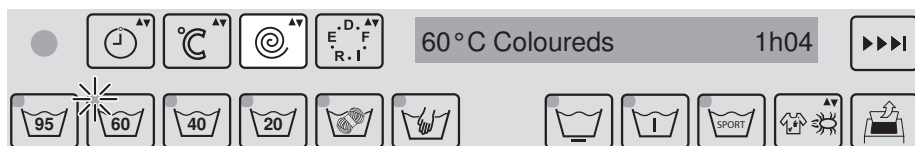
See «Compartment» for the correct dosage of detergent.




- ▶ Select programme.
- ▶ Hold the  button depressed and at the same time press the  button 2x.

Setting spin speed / stop after rinsing

- ▶ Select programme.



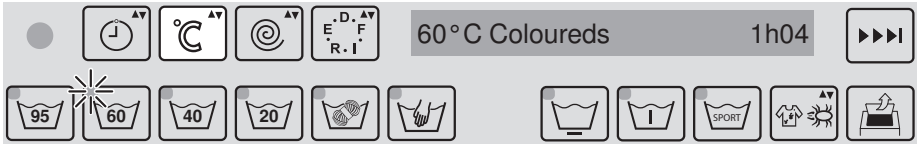
- ▶ Press the  button once or more.
 - The new spin speed, e.g. **Spinning at 800** or **Stop after rinsing**, is displayed.
 - It is possible to change the current setting while a programme is running.




The suggested and maximum settable spin speed depends on the programme selected.



Lowering the wash temperature

- ▶ Select programme.






- ▶ Press the  button once or more.
 - The new wash temperature is displayed.
 - It is still possible to lower the wash temperature of a programme once it has started running.




With the  and  programmes, the wash temperature can also be increased by another 10 °C.

Setting the refresh programme

- ▶ Select the  and  programmes.
- ▶ Press the  button repeatedly until **Refresh programme 0h18** appears.

Deselecting parts of programmes

- ▶ Press the  button repeatedly until the desired part of the programme appears in the plain text display.
 - The various parts of the programme and the relevant time remaining to the end of the programme are shown in the display.

The following parts of the programme sequence are available:

- From main wash to rinsing
- From rinsing to conditioning
- From conditioning to spinning
- From spinning to draining



Once a programme has started, it is not possible to skip the «Draining» part of the programme. It is necessary to wait until this part of the programme has completely finished.

The built-in programme memory ensures the programme running is resumed after a power failure.

Opening the lid during operation



► Press the  button.

– **Opening door ...** is followed by **Drum opening position** in the plain text display.

- The washing drum is automatically returned to the opening position and then the lid is opened. The programme stops and the plain text display flashes.
- The programme is resumed by closing the lid.


The lid cannot be opened if the current process temperature is above around 60°C. **Door cannot be opened** appears in the plain text display.

7.7 Changing selection

... during programme selection

- Press a programme selection button again.
 - All settings are cancelled and the indicator lights for all selectable additional programmes flash again. Make a new selection.

... during the programme sequence

- Press the  button repeatedly until **Draining 0h01** appears.

7.8 Programme selection with childproof lock activated



To operate the appliance with the childproof lock activated, follow the instructions given in this section. However, please note that when activated the childproof lock can only be overridden by pressing two buttons at the same time.

After closing the lid



- When the childproof lock is activated (see 'User settings'), **Childproof lock** appears in the plain text display instead of **Select programme**.
- The indicator lights for the programme selection buttons flash.

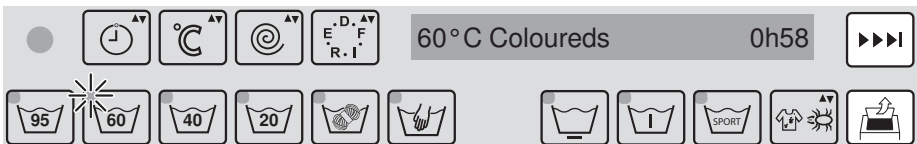
Selecting main programme



- ▶ Hold the desired programme selection button, e.g. , depressed and at the same time press the  button.
 - The appliance can now be operated without regard to the childproof lock until the programme starts.

Opening the lid during operation

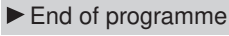



- ▶ Hold the  button depressed and at the same time press the  button.



7.9 End of programme

Unloading the washing...

... with the automatic door opener switched off

- When the programme has finished,  appears in the plain text display for 20 minutes.
- The indicator light for the programme that has finished remains illuminated until the  or  button is pressed.
- After pressing the  button, the lid opens and the washing can be unloaded.



Only in the event of a power failure should the emergency door release be used to open the lid (see 'Opening the lid in the event of a power failure').


... with the automatic door opener switched on (see 'User settings')

- The lid opens automatically at the end of the programme.
- All displays go out.
- The washing can be unloaded.

Stop after rinsing and unloading

After running a programme with stop after rinsing, the water must first be drained off:


• Draining with spinning

- ▶ Press the  button 1×.
 - The washing is spun at the preset speed for the programme selected.

• Draining without spinning

- ▶ Press the  button 2×.

• Draining with spinning and checking/changing the spin speed

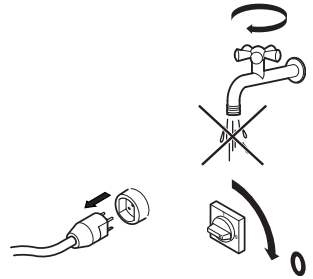
- ▶ Press the  button 1× or more.
 - If the button is pressed once, the washing is spun at the preset speed for the programme selected. Press the button again to change the spin speed.



If the childproof lock is activated, also press the programme selection button.

At the end of the wash day

- ▶ Turn off the water tap.
- ▶ Switch off the appliance at the wall switch or pull the plug out of the mains socket.
- ▶ Clean the detergent compartments (see 'Care and maintenance').
- ▶ Leave the drum door open and the lid slightly ajar.



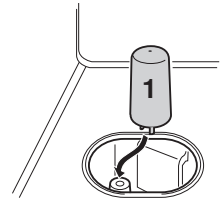
8 Care and maintenance

Using the correct dosage of detergent will automatically clean the inside of the appliance. Immediately wipe away all traces of detergent with a soft cloth to avoid staining.

8.1 Cleaning the detergent compartments

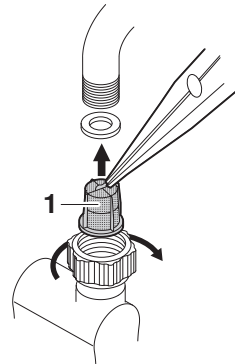
If the correct dosage of detergent is used, the detergent compartments are cleaned by the water flowing in. Wash out the detergent compartments if particularly dirty.

The suction cap **1** in compartment **II** (for fabric conditioner) can be removed for cleaning.



8.2 Cleaning the water inlet filter

To avoid blockages, the filter **1** in the water inlet must be periodically checked and, if necessary, cleaned.

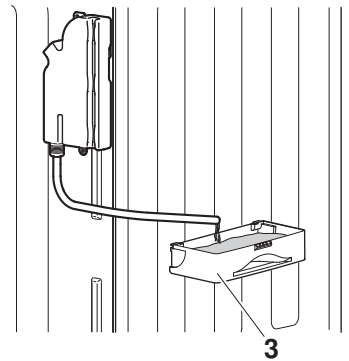
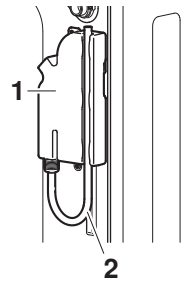


The water inlet should be tested for leaks following maintenance work.

8.3 Checking the overflow tank

The overflow tank **1** is located at the back of the appliance. If there is an excessive build-up of foam, the foam is diverted to the overflow tank. The tank must be checked periodically and emptied when necessary.

- ▶ Prepare the drain tray **3** in readiness for draining the tank.
- ▶ Take the overflow hose **2** out of its fixture and drain off the contents into the drain tray.
- ▶ Put the hose back into its fixture.



Even after being correctly drained some liquid will remain in the tank.

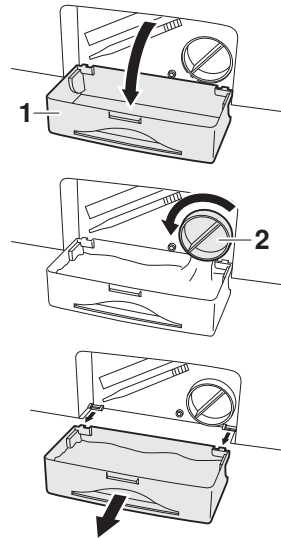
8.4 Emergency draining



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 during a malfunction or a power failure, if there is water still in the appliance it must be drained off as follows.

- ▶ Fold down the drain tray **1**. The drain tray also functions as a receptacle for the water to be drained off.
- ▶ Release the foreign body trap **2** slightly by slowly turning it anti-clockwise and steadily drain off the water.
- ▶ From time to time the drain tray may have to be emptied. 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 in position (push it straight in until it clicks into position).




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

9 Troubleshooting

9.1 What to do if ...

... in the display appears


Possible cause	Solution
<ul style="list-style-type: none">• The foreign body trap or drain pump is blocked.• The drain hose is bent or kinked.• The outlet or drain trap is clogged.	<ul style="list-style-type: none">▶ Resolve the cause of the problem.▶ Cancel the error message by pressing the  button.▶ Restart the programme.▶ If the error appears again, note down the error message, turn off the water and then switch off the power supply.▶ Inform the caretaker, the owner of the appliance or the property management company.



Overfoaming can also trigger an «A2» error.


... in the display appears

A3 Close the door

Possible cause	Solution
<ul style="list-style-type: none">• Door contact stuck briefly.	<ul style="list-style-type: none">▶ Close the lid or press the lid around the catch lock (front edge of lid).▶ Cancel the error message by pressing the  button.


... in the display appears

A9 Check water inlet?

Possible cause	Solution
<ul style="list-style-type: none">• Water tap is turned off.• Filter in water connection blocked (see 'Cleaning the water inlet filter').• Interruption in water supply.• Water pressure is too low.	<ul style="list-style-type: none">▶ Fix the problem or wait until the water supply is restored.▶ Cancel the error message by pressing the  button.▶ Restart the programme.▶ If the error appears again, note down the error message, turn off the water and then switch off the power supply.▶ Inform the caretaker, the owner of the appliance or the property management company.

... in the display appears

F.. Call service department

Possible cause	Solution
<ul style="list-style-type: none"> • Various situations can lead to a «F» error message. 	<ul style="list-style-type: none"> ▶ Cancel the error message by pressing the  button. ▶ Disconnect the power supply for about 1 minute. ▶ Switch the power supply back on again and select a new programme. ▶ If the error appears again, note down the error message, turn off the water and then switch off the power supply. <p>If there is still some washing in the appliance:</p> <ul style="list-style-type: none"> ▶ Carry out emergency draining (see 'Emergency draining'). ▶ Use the emergency door release after 5 minutes (see 'Opening the lid in the event of a power failure'). ▶ Unload the washing. ▶ Inform the caretaker, the owner of the appliance or the property management company.

... in the display appears

U1 Call service department

Possible cause	Solution
<ul style="list-style-type: none"> Faulty electrical connection. 	<ul style="list-style-type: none"> Note down the error message and then switch off the power supply. Inform the caretaker, the owner of the appliance or the property management company.

... in the display appears

Spin stop: Unbalanced load

▶ End of programme

Possible cause	Solution
<ul style="list-style-type: none"> Large items are unevenly distributed in the washing drum. 	<ul style="list-style-type: none"> Wash small and large items together to reduce possibility of unbalanced loads forming during the wash (see 'Unbalanced load detection system').

... in the display appears

Foaming

Programme extended

Possible cause	Solution
<ul style="list-style-type: none"> If there is very heavy foaming during the wash, the programme is automatically extended by an additional rinsing cycle. This improves the wash results, but also increases the run time of the programme. 	<ul style="list-style-type: none"> Reduce the amount of washing detergent used next time. Adjust the amount of washing detergent used to the water hardness.

... the programme takes significantly longer than indicated

Possible cause	Solution
<ul style="list-style-type: none"> • Used too much washing detergent (lengthening the rinsing time). • Very cold water supply (increasing the heating time). 	<ul style="list-style-type: none"> ▶ Reduce the amount of detergent used next time. ▶ Adjust washing detergent dosage to water hardness.
<ul style="list-style-type: none"> • Large unbalanced load in the washing drum. 	<ul style="list-style-type: none"> ▶ Wash small and large items together to reduce possibility of unbalanced loads forming during the wash (see 'Unbalanced load detection system').
<ul style="list-style-type: none"> • Heavily scaled-up heating elements. 	<ul style="list-style-type: none"> ▶ Use «Karit» descaler (available from Customer Services).


... the washing is not spinning or is not being spun properly

Possible cause	Solution
<ul style="list-style-type: none"> • The spin speed was set too low. 	<ul style="list-style-type: none"> ▶ Increase the spin speed for the next wash cycle (see 'Spin speed').
<ul style="list-style-type: none"> • Large unbalanced load in the washing drum. 	<ul style="list-style-type: none"> ▶ Wash small and large items together to reduce possibility of unbalanced loads forming during the wash (see 'Unbalanced load detection system').

... the appliance vibrates heavily when spinning

Possible cause	Solution
<ul style="list-style-type: none"> • Appliance feet are not adjusted properly. 	<ul style="list-style-type: none"> ▶ Optimize the appliance set-up according to the installation instructions.
<ul style="list-style-type: none"> • Transportation lock has not been removed. 	<ul style="list-style-type: none"> ▶ Remove the transport lock (see 'Transportation lock').
<ul style="list-style-type: none"> • Large unbalanced load in the washing drum. 	<ul style="list-style-type: none"> ▶ Wash small and large items together to reduce possibility of unbalanced loads forming during the wash (see 'Unbalanced load detection system').

... at the end of the programme, the lid cannot be opened by pressing the opener button

Possible cause	Solution
<ul style="list-style-type: none"> The lid is stuck. 	<ul style="list-style-type: none"> ▶ Press the lid around the lock catch (front edge of lid). <ul style="list-style-type: none"> – Some text appears in the plain text display. ▶ Press the  button.
<ul style="list-style-type: none"> Interruption in power supply. 	<ul style="list-style-type: none"> ▶ Use the emergency door release after 5 minutes (see 'Opening the lid in the event of a power failure').

... the lid cannot be opened during the wash cycle and <Door cannot be opened> in the plain text display appears

Door cannot be opened

Possible cause	Solution
<ul style="list-style-type: none"> The suds temperature is above 60 °C. The appliance's control unit prevents the lid being opened for safety reasons. 	<ul style="list-style-type: none"> ▶ Wait until the suds temperature allows the lid to be opened.

... traces of washing detergent left behind in the detergent dispenser drawer

Possible cause	Solution
<ul style="list-style-type: none"> • Damp or lumpy washing detergent. 	<ul style="list-style-type: none"> ▶ Store washing detergent in a dry place.
<ul style="list-style-type: none"> • Detergent dispenser drawer is damp and «Delayed start» was selected. 	<ul style="list-style-type: none"> ▶ Wipe the detergent compartment dry before adding the detergent.
<ul style="list-style-type: none"> • Water flow pressure is too low. 	<ul style="list-style-type: none"> ▶ Open water tap fully.
<ul style="list-style-type: none"> • Water inlet scaled up. 	<ul style="list-style-type: none"> ▶ Check water inlet and, if necessary, clean filter (see 'Cleaning the water inlet filter').


...traces of fabric conditioner or water left behind in the fabric conditioner compartment

Possible cause	Solution
<ul style="list-style-type: none"> • Siphon cap in fabric conditioner compartment is not on properly or is blocked. 	<ul style="list-style-type: none"> ▶ Clean siphon cap and put back in place (see 'Cleaning the detergent compartments').

... there is a pool of water on the floor

Possible cause	Solution
<ul style="list-style-type: none"> • The overflow tank is full. 	<ul style="list-style-type: none"> ▶ Drain the overflow tank using the overflow hose.
<ul style="list-style-type: none"> • The overflow hose is not in its fixture. 	<ul style="list-style-type: none"> ▶ Position the overflow hose correctly (see 'Checking the overflow tank').

9.2 Opening the lid in the event of a power failure

The lid can always be opened by pressing the  button, provided there is no power failure. In the event of a power failure (wall switch is «off», coin meter, etc.) the lid can only be opened using the emergency door release.

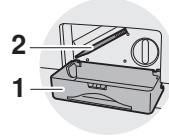
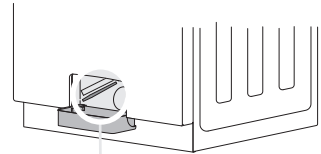


If the emergency door release tool **2** is missing, a screw driver can be used instead.

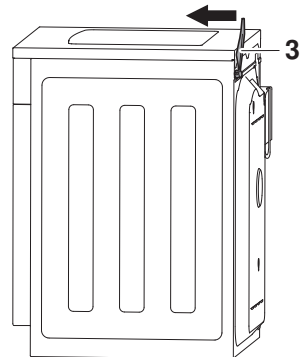


In the interests of safety of individuals and the appliance, the following precautions must be followed.

- ▶ Make sure that ...
 - ... the last programme finished over 5 minutes ago and no new one has been started; or
 - ... the power failure has lasted longer than 5 minutes.



- ▶ Turn off water tap.
- ▶ Switch off appliance at wall switch or pull plug out of mains socket.
- ▶ If necessary, carry out emergency draining (see 'Emergency draining').
- ▶ Fold down drain tray **1**.
- ▶ Remove emergency door release tool **2** from fastening.
- ▶ Insert release tool into opening **3** from above.
- ▶ Pull (do not turn!) release tool in direction of arrow.
 - The lid springs open.



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!

10 Washing tips


10.1 Fabric care symbols

To wash items correctly, please follow the fabric care symbols on the labels of the wash items.

10.2 Washing detergent

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.

10.3 General tips

- 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 duvet covers and pillow cases; close zips and hook and eye fasteners; fasten cloth belts and apron ties.
- 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.
- For normally or heavily soiled washing, select the additional pre-wash programme or select a heavier degree of soiling.
- Wash woollens and other textiles with the  fabric care label using the main  hand wash programme only. Use detergent suitable for woollens and delicates.
- Textiles, such as dog or horse blankets, that are covered in animal hair should be brushed out before washing.

10.4 Net curtains

If washing curtains made from mixed or man-made fibres:

- Ask the retailer whether the curtains are machine washable and, if so, at what water temperature.
- Fill the washing drum only a quarter full.
- Tie up metal rollers and plastic sliders using an open weave fabric.
- Use a mild detergent (use sparingly due to foaming).
- With older, faded curtains, the material is weaker and may be easily damaged if machine washed.

10.5 Energy and water economy

- Use the maximum wash load capacity of the particular programme.
- Select «Pre-wash» or «Soaking» only for washing that is heavily soiled or stained.

For lightly soiled washing without stains select the main  programme.

Spin speed

How much energy is consumed by subsequent tumble drying depends on the spin speed set. The higher the spin speed set, the lower the level of residual moisture in the washing at the end of the programme.



rpm	Residual moisture in cotton fabrics in %
1200	~52
1000	~60
800	~70
600	~90
400	~110

Automatic door opener

Use the appliance with the automatic door opener turned on. In this way, when the appliance door opens the appliance immediately enters the lowest possible stand-by power consumption state.



10.6 Most efficient programmes ...

... for normally soiled washing at 40 °C

- ▶ Press the  button to select the «Coloureds 40 °C» programme.
- ▶ Press the  button repeatedly until degree of soiling «normal» appears in the plain text display.

Load capacity	Programme duration	Water	Energy	Residual moisture
3.5 kg	2h15	51 l	0.66 kWh	52 %

... for normally soiled washing at 60 °C

- ▶ Press the  button to select the «Coloureds 60 °C» programme.
- ▶ Press the  button repeatedly until degree of soiling «normal» appears in the plain text display.

Load capacity	Programme duration	Water	Energy	Residual moisture
7 kg	2h28	67 l	0.99 kWh	52 %
3.5 kg	2h28	51 l	0.89 kWh	52 %



With these programmes, the actual water temperature is lower than the programme temperature shown in order to save energy. A longer washing time, however, still ensures a very good washing performance.

10.7 Unsatisfactory wash results

White residue on washing

Possible cause	Solution
<ul style="list-style-type: none"> Despite thorough rinsing, badly soluble compounds (zeolites) in the detergent can be left on the washing. 	<ul style="list-style-type: none"> ▶ 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 additional «Black garments» programme.

Grey residue on washing

Possible cause	Solution
<ul style="list-style-type: none"> Grease and dirt particles have not been removed from fabric effectively. Residue from detergent, limescale and dirt. 	<ul style="list-style-type: none"> ▶ Use more detergent next time. ▶ Use heavy-duty washing detergent. ▶ Adjust amount of detergent to water hardness and degree of soiling of washing.
<ul style="list-style-type: none"> Overloaded washing drum. 	<ul style="list-style-type: none"> ▶ Put less laundry into the washing drum.

Unsatisfactory wash result using detergent for coloureds

Possible cause	Solution
<ul style="list-style-type: none"> Exceptionally heavily soiled washing. 	<ul style="list-style-type: none"> ▶ Select stronger wash programme, e.g. degree of soiling «heavy».
<ul style="list-style-type: none"> Washing detergent used (detergents for coloureds) does not contain bleach. Fruit, coffee and tea stains cannot be removed. 	<ul style="list-style-type: none"> ▶ Use washing detergent containing bleach.

Unsatisfactory wash result using detergent for coloureds

Possible cause	Solution
<ul style="list-style-type: none"> Exceptionally heavily soiled washing. 	<ul style="list-style-type: none"> ▶ Select stronger wash programme, e.g. degree of soiling «intensive».
<ul style="list-style-type: none"> Washing detergent used (detergents for coloureds) does not contain bleach. Fruit, coffee and tea stains cannot be removed. 	<ul style="list-style-type: none"> ▶ Use washing detergent containing bleach.

Unsatisfactory wash result using liquid detergent

Possible cause	Solution
<ul style="list-style-type: none"> Liquid detergent used does not contain bleach. Fruit, coffee and tea stains cannot be removed. 	<ul style="list-style-type: none"> ▶ Use washing detergent containing bleach.


Soap deposits on washing

Possible cause	Solution
<ul style="list-style-type: none"> Water too hard. 	<ul style="list-style-type: none"> ▶ Only use soap detergent if the water hardness does not exceed 25 °fH.

Colour run

Possible cause	Solution
<ul style="list-style-type: none"> Non-fast colours in the wash. 	<ul style="list-style-type: none"> ▶ Wash white and coloured textiles separately. ▶ Follow the fabric care instructions on the items of washing.
<ul style="list-style-type: none"> Objects in the wash whose colour has run. 	<ul style="list-style-type: none"> ▶ Empty garment pockets.

Rinsing performance

Possible cause	Solution
<ul style="list-style-type: none"> • Too much washing detergent. 	<ul style="list-style-type: none"> ▶ Adjust washing detergent dosage to water hardness and degree of soiling.
<ul style="list-style-type: none"> • Very «soft» water (below 15 °fH). 	<ul style="list-style-type: none"> ▶ Use the additional  function.

10.8 Damage to fabrics

Holes, rips or tears

Possible cause	Solution
<ul style="list-style-type: none"> • Washing items with zips or hooks (e.g. bras) open. 	<ul style="list-style-type: none"> ▶ Fasten zip fasteners and hooks before washing. ▶ Wash delicates in a laundry bag or pillow case. ▶ Turn garment pockets inside out.
<ul style="list-style-type: none"> • Chemical effect of washing detergent. • Fabric quality, wear and tear, weathering of fibres. 	<ul style="list-style-type: none"> ▶ Do not put washing detergent directly on to fabrics.
<ul style="list-style-type: none"> • Washing drum damaged by foreign objects (e.g. nails, paper clips, bra hooks). 	<ul style="list-style-type: none"> ▶ Inspect the washing drum for foreign objects and for damage. ▶ Remove foreign objects. ▶ Call Customer Services if the washing drum is damaged.

Fabric wear

Possible cause	Solution
<ul style="list-style-type: none">• Washing drum over-loaded.	<ul style="list-style-type: none">▶ Put less laundry into the washing drum.
<ul style="list-style-type: none">• Friction between fabrics during washing.	<ul style="list-style-type: none">▶ Select the additional «Easy care» programme.
<ul style="list-style-type: none">• Pilling.	<ul style="list-style-type: none">▶ Turn items inside out before washing.

Fabric stains

Possible cause	Solution
<ul style="list-style-type: none">• Rust stains.• Chemical effect.	<ul style="list-style-type: none">▶ Brush out work overall pockets.▶ Residues from hair care products, cosmetics and plants can react with the suds to cause a chemical reaction that can result in staining.▶ Wash items with metal parts separately.

11 Spare parts

Please give product family and exact designation when ordering parts.

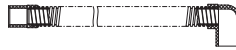
Water inlet filter



Inlet hose 2 m / 3 m



Drain hose 1.5 m / 4 m



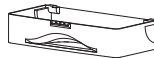
Emergency door release tool



Foreign body trap



Drain tray



12 Technical data

12.1 Dimensions

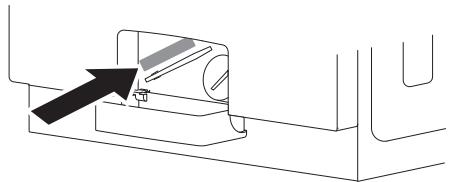
Height: 90 cm
Width: 66 cm
Depth: 70 cm
Weight: 130 kg
Load 7.0 kg dry washing
capacity:

12.2 Plumbing in

Connection to water supply: Cold water G $\frac{3}{4}$ "
Permitted pressure of water supply: 0.1–0.6 MPa (1–6 bar)
Max. pumping height of drain pump: 1.2 m

12.3 Electrical connection

► See identification plate





12.4 Spin speed

400, 600, 800, 1000, 1200 rpm



12.5 Note for testing institutes

Set to the standard programmes according to EN 60456:

Standard 60°C cotton programme

- ▶ Select the «Coloureds 60 °C» programme using the  button.
- ▶ Press the  button repeatedly and select «Normally soiling» as the degree of soiled.

Standard 40°C cotton programme

- ▶ Select the «Coloureds 40 °C» programme using the  button.
- ▶ Press the  button repeatedly and select «Normally soiling» as the degree of soiled.

12.6 Unbalanced load detection system

When spinning, if the control unit recognizes that the load is out of balance, it will interrupt the spinning action once or more. This helps distribute the load more evenly inside the washing drum. If this is not successful, the spin speed is reduced. The washing is spun less intensively and is therefore wetter to the touch.

12.7 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.

12.8 Turbidity sensor

In addition to the water and energy economy feature, the amount of water needed is optimized by a turbidity sensor.

With the help of the turbidity sensor, the control unit detects the degree of dirtiness of the soapy water at any time in the cycle and from this determines the amount of water needed for the rest of the cycle.

For example, if only a low degree of dirtiness is detected during the first rinsing cycle, then the amount of water used for rinsing during the second rinsing cycle is reduced.

12.9 Consumption data

The consumption data and programme durations 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 and the programme end time shown are adjusted during the programme sequence accordingly.

¹ Factory setting

Main programmes

Programme	Load kg	Spin speed ¹ rpm	Duration hrs./mins.	Water Litre	Energy kWh
Whites 95 °C	1–7	1200	1h17	75	2.4
Coloureds 60 °C	1–7	1200	1h04	67	1.2
Coloureds 40 °C	1–7	1200	1h00	74	0.8
Coloureds 20 °C	1–7	1200	0h54	70	0.4
Woollens 30 °C	1–2	800	0h40	58	0.2
Hand wash 20 °C	1–1.5	600	0h37	53	0.1

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14 Repair service



The Trouble-shooting section will help you to correct minor malfunctions yourself, saving you the time and trouble of calling out a service technician and the cost that goes along with it.

Whether you contact us about a malfunction or an order, please always state the serial number (FN) and the model type of your appliance. Enter these details below and also on the service sticker which comes with the appliance. Stick it in a conspicuous place or in your telephone or address book.

FN _____ **Appliance** _____

You will find these details on the certificate of guarantee, the original sales invoice and the identification plate of your appliance.

If the appliance is not working properly, contact your nearest V-ZUG Ltd Service Centre from a fixed line using freephone 0800 850 850 and stand in close proximity to the appliance.



Queries, orders, service agreement

For administrative and technical queries or problems, as well as for ordering spare parts and accessories, please contact our head office in Zug on telephone number +41 (0)41 767 67 67.

As regards the maintenance of all our products, when the warranty expires you have the option of taking out a service agreement. We will be happy to send you the necessary forms.

Quick instructions

Please first read the safety precautions in the operating instructions!

- ▶ Power on the appliance and turn on the water tap
- ▶ Open the lid. If closed, press the  button to open it
- ▶ Open the drum door if closed
- ▶ Load the washing
- ▶ Close the drum door
- ▶ Add the washing detergent
- ▶ Close the lid
- ▶ Select programme
- ▶ Select additional programme/functions, if required
- ▶ The appliance starts after about 20 seconds
- ▶ When the programme has finished, press the  button and unload the washing

At the end of the wash day:

- ▶ Clean the detergent compartments
- ▶ Leave the drum door open and the lid slightly ajar
- ▶ Turn off the water tap and power off the appliance

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