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Instructions for Use

Washing machine

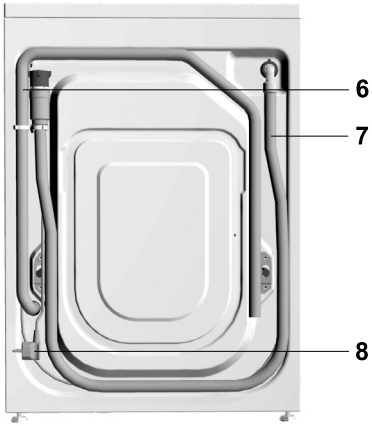
ETNA

Thank you for your confidence in purchasing our washing machine, and congratulations on the excellent choice.
Your new washing machine meets the requirements of modern treatment of laundry. It is rational in the consumption of energy, water and washing agents.
Our appliances are friendly to the environment. Some of the materials may be recycled, others deposited or decomposed. To avoid pollution of environment, once your appliance is no longer useful, take it to your local authorized waste appliance dealer.

The appliance is intended exclusively for use in households. If the appliance is used for professional purposes, for profit, or for purposes beyond regular use in a household, or if appliance is used by a person who is not a consumer, the warranty period equals the shortest warranty period possible as stipulated by the relevant legislation.

Description of washing machine 3
Cautions 4
Installation and connection 5
Operation 8
Tips for washing and energy saving 14
Cleaning and maintenance 16
Failures 18
Tables 22

Description of washing machine



1. **Front panel**
2. **Detergent dispenser**
3. **Door**
4. **Filter lid**
5. **Adjustable legs**
6. **Water outlet hose**
7. **Water inlet hose**
8. **Mains power cable**

Technical information

(depending on model)

- **Max. load: 7 kg / 6 kg / 5,5 kg**

Dimensions (w x d x h):
600 mm x 600 mm x 850 mm
Depth with door open: 105 cm
Weight (net): 72 kg
Nominal voltage: 230 V, 50 Hz
Rated power: 2000 W
Power socket: (230 V, 50 Hz, 10 A)
Water pressure: min. 0,05 MPa, max. 0,8 MPa
Fuse: 10 A

- **Max. load: 5 kg / 4,5 kg**

Dimensions (w x d x h):
600 mm x 440 mm x 850 mm
Depth with door open: 88 cm
Weight (net): 61 kg
Nominal voltage: 230 V, 50 Hz
Rated power: 2000 W
Power socket: (230 V, 50 Hz, 10 A)
Water pressure: min. 0,05 MPa, max. 0,8 MPa
Fuse: 10 A

Cautions

- Be sure to remove transport brackets prior first use of the appliance. Attempted operation of the blocked machine may result in irreparable damage which is not covered by the manufacturer's warranty!
- When connecting your washing machine to water supply, be sure to use brand new water inlet hose and appropriate sealing gaskets (attached).
- Do not locate the machine in a room with temperature below 0°C. Parts of the machine may be damaged if frozen.
- Install the washing machine in a perfectly horizontal position, on solid flat concrete floor.
- Follow the instructions for correct installation and water and mains connections.
- Never immerse the end of the drain hose into the draining water.
- Prior starting the washing cycle lock the door by pressing them at the designed spot.
- Door may not be open during the washing cycle.
- We recommend running the self-cleaning program before the first wash in order to remove any impurities from the washing machine drum (see chapter on" Selecting additional functions").
- Use only detergents and softeners for machine wash. Manufacturer may not assume responsibility for any damage and eventual discoloring of gaskets and plastic components as a consequence of incorrect use of bleach and/or coloring agents.
- For removal of lime residues use such agents with added anti-corrosion agents. Follow the manufacturer's instructions. Finish the lime removal by multiple rinsing to remove completely eventual acid residues.
- Never use detergents containing solvents, since there is a danger of creating toxic gasses which may damage the machine and result in ignition or explosion.
- This product does not release silver ions during the washing cycle.
- Upon completion of washing operation close the water faucet.
- Before any transport block the machine by inserting at least one transport blocking rod. Prior this operation disconnect the appliance from the mains power!
- Rating plate with basic information is located above the opening of the machine.
- The warranty shall not apply to consumables (bulbs), minor discoloration or deviations of color, increased noise level as a consequence of appliance age, which does not affect appliance functionality, and aesthetical deficiencies which do not affect appliance functionality or safety.
- The appliance is manufactured in compliance with all relevant safety standards; however, it is recommended that persons with impaired physical, motional, or mental abilities, or persons with inadequate experience and knowledge, do not use the appliance without due supervision. The same recommendation applies to minors using the appliance.

⚠ **Before connecting the appliance read these instructions carefully. Repairing the failure arising from inappropriate connections or use of the appliance is not covered by the guarantee.**

The symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

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Installation and connection

Package removal

⚠ **In removing the wrapping be careful not to damage the appliance with a sharp object.**

⚠ **Before connecting the appliance, let it warm up to room temperature (wait for two hours).**

- Our appliances are packed in environmentally friendly materials which may be recycled, deposited or decomposed without any threat to the environment.
- To this end all wrappings are marked accordingly.

Removal of transport brackets

- Move the pipes.
- Loosen screws (A) at the rear of the machine (Fig. 1).
- Remove the brackets (B) (Fig. 1) and slide them into the groove on the blocking rod (Fig. 2) - the right one should be turned around.
- Use the brackets to rotate blocking rods for 90° and pull them out.
- Close the openings with attached plastic pegs.

Save transport brackets for eventual later use.

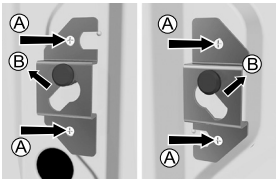


Fig. 1

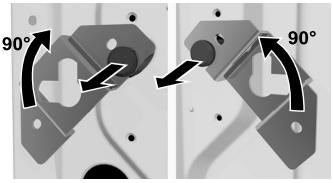
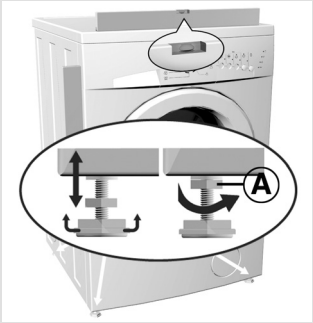


Fig. 2

⚠ **Be sure to remove the transport brackets prior first use, otherwise the appliance may be permanently damaged. In such cases the warranty conditions are void.**

Leveling the appliance



- Put the appliance in horizontal position by turning the adjustable legs. The legs are adjustable up to +/- 1 cm.
  After the adjustment tighten the nuts firmly (A) - towards the bottom of the machine!

⚠ **Vibrations, moving of the appliance and loud operation due to incorrect setting of the adjustable feet shall not be covered by this warranty.**

⚠ **The appliance should be placed on a surface with concrete base; the surface should be dry and clean in order to prevent slipping. The adjustable feet should also be cleaned before installation.**

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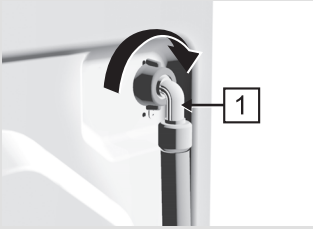
- If you have a tumble dryer of the same dimensions, you can place it on top of the washing machine.

Water inlet connection

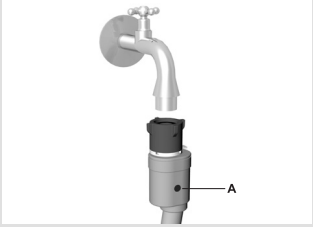
⚠ **To ensure correct operation of the appliance, water pressure inlet must be between 0,05 and 0,8 MPa.**

⚠ **Minimum water pressure can be established by measuring the quantity of poured out water. 3 litres of water must be poured out from completely opened tap in 15 seconds.**



- Take the water inlet hose from the drum and attach the inlet hose angle extension (1) to the washing machine by screwing it onto the provided thread (certain models only).
- Insert the gasket with a filter net into the straight inlet hose attachment nut (2) and screw the nut onto the water tap. (With some models, the gasket with filter net is already fitted and any additional fitting into the nut on the straight attachment is not required).
- If your model has connections for both hot and cold water, then connect one hose to the cold water supply (blue wing nut or blue mark on the hose) and the other one to the hot water supply (red wing nut or red mark on the hose), as indicated on the back wall of the appliance (letters C and H) (C - cold; H – hot).

⚠ **The inlet hose should be tightened manually, firmly enough to prevent any leaks. After tightening the hose, check for any leaks.**
Use of pliers, wrenches, or other similar tools is not allowed when installing the hose, as these tools can damage the nut thread.

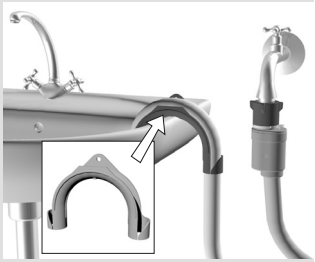


Partial Aqua-stop (water stop system)
In case of damage on the interior pipe, leaking is prevented by automatic closing system which stops water inlet to the machine. In such cases display A turns red.
Inlet pipe must be replaced.

Complete Aqua-stop (certain models only)
In case of damage on the interior pipe, leaking is prevented by automatic closing system which stops water inlet to the machine. Security system also detects whether there is any water leakage within the interior of the machine. In such cases washing is suspended, machine switches on the pump and signals error.

⚠ **Do not immerse the Aqua-stop system inlet pipe into the water, because it contains the electric valve!**

Water outlet connection



- Fix the outlet hose to run into the sink or the bathtub, or connect it directly to the wall drain outlet (diameter min. 4 cm).
- Wall drain must be installed properly and must enable occasional cleaning.
- Fasten the outlet hose support with a piece of rope led through the hose elbow, to prevent the hose from slipping to the floor. The end of outlet hose should be placed between minimum 60 cm and maximum 100 cm above the floor level.

Connect the appliance to the mains supply

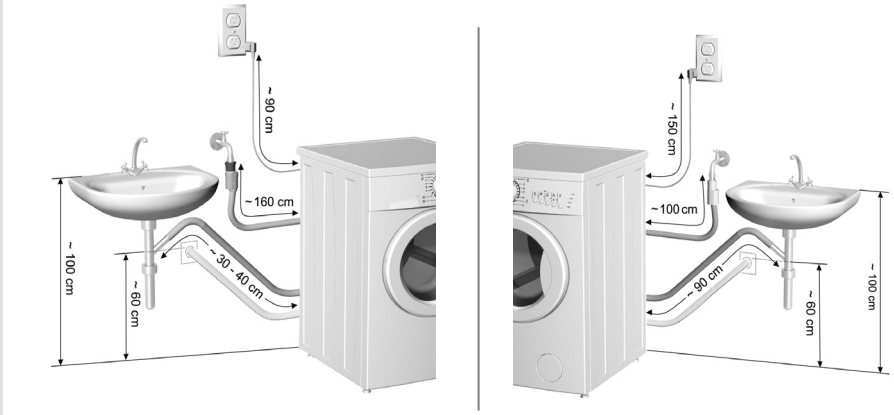
- Plug the mains power cable to the wall mains socket.
- Required voltage and other information are written on the rating plate above the door opening of the machine.

⚠ **The wall socket must be accessible at all times and must be equipped with an earth lead (in accordance with the local safety regulations).**

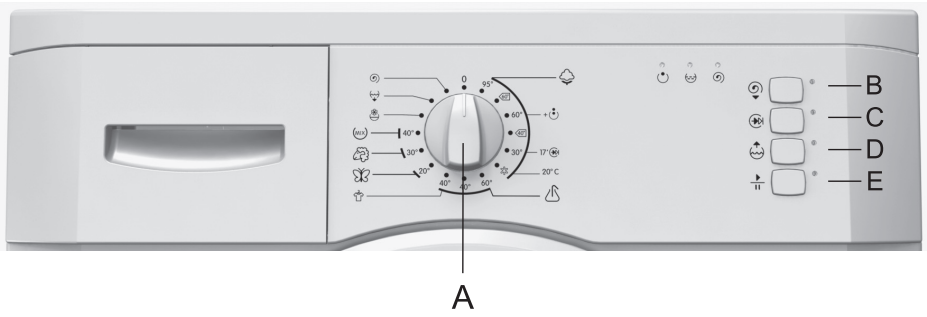
⚠ **The permanent connection must be fitted by an authorized personnel only.**

⚠ **Damaged mains power cable may be replaced only by the producer or his authorized personnel.**

⚠ **Never plug the appliance into the electric shaver socket or hair dryer socket.**

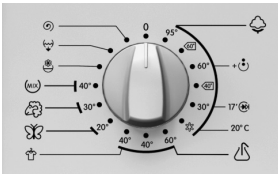


Operation



A - program selector
B - decreasing the spinning rpm or turning the spinning cycle off
C - short program knob
D - elevated water level knob
E - START/PAUSE knob

Signal LED's:
- washing program stages
• wash + pre-wash
• rinse
• spin

Program selector	Basic programs		Partial programs	
		Cotton Pre-wash 17' Quick program 20°-Tap water + (ECO)		Softening (Conditioner)
		Synthetics Easy iron		Pumping water (Drain)
		Delicate		Spinning
		Wool		
		Mix		

Washing procedure

- Open the door of the machine.
- Load the laundry into the drum.
- Close the door.
- Open the water inlet faucet.
- Push the ON/OFF button and select the program.
- Add washing and treatment agents (detergent and softener).
- Start the operation by pushing the START knob (E).

- **Open the door of the machine**.

Door is opened by pulling the handle (lever) on the right hand side of the door towards you.

- **Sort the laundry by the type of fabrics**.

⚠ **Do the buttons and zippers, tie the strings and pull out the pockets.**

⚠ **Very delicate laundry should be put in a special protective sack.**

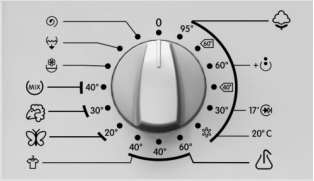
⚠ **It is suggested to load the drum with items of different sizes.**

⚠ **Pay attention to the labels on the clothes, indicating the recommending washing mode (see table of textile treatment symbols on the last page of these instructions).**

- **Load the laundry into the drum**.
  Check that the drum is empty.
- **Close the door of the appliance**.
- **Open the water inlet faucet**.
- **Push the ON/OFF button** and select washing program.

Washing machine operation

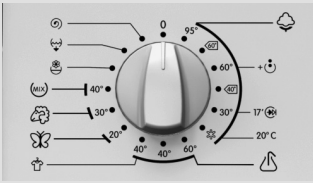
Program is selected by turning the program selector (A) from the “0” position to the desired washing program. LED next to the START key starts flashing. The program selector (A) may be turned in both directions, and the appropriate program selected according to the type of laundry washed and the required washing temperature (see Program Chart for help). You may select **basic** or **partial** programs.
Select additional functions by pressing their relevant knobs (E).



- <u>Selection of basic programs</u> (, , , ,)
Basic programs represent integral programs containing all washing stages, including softening and spinning (see Program Chart). They are selected by turning the program selector (A) to the appropriate position.

Cotton: whites/colored

Normally stained cotton and flax bed linen and underwear, table cloth, bathroom towels, top garments, etc.



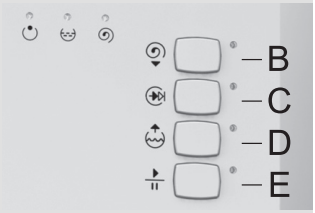
To wash heavily soiled laundry that will not discolor, use the program with a prewash.
For smaller loads (non-delicate cotton, linen, synthetic, and mixed fabric) and smaller quantities of soiled laundry (laundry refreshment, laundry wet with perspiration, etc.), we recommend the use of the 17' quick program. To activate the program, turn the (A) button to the setting "Cotton 30°C" and then press the "Short Program (C)" key. You will save both energy and time.
The Cotton 15° program is intended for washing less soiled laundry, using detergents (washing gels) specially designed for washing at such temperatures.
Using this program will save you both time and power as water heater will only be engaged if the water inlet temperature is lower than 15°C.

Synthetics
Normally stained shirts, blouses and other polyester and polyamide garments, or a mixture of these fabrics with cotton.
If you wish the laundry not to be excessively creased at the end of washing, use easy ironing program.

Delicate
This is a program for delicate fabrics (dresses, skirts, blouses) and curtains.

Wool
Special, delicate program for washing woolen products indicated as appropriate for machine washing, as well as for very delicate products on which hand washing is indicated as appropriate.

Mix
Special program for washing normally stained colored laundry made from various resistant fabrics at 40°C.



- Selection of additional function (, ,)
Additional functions alter the basic washing cycle procedure. Particular function is switched on by pressing the relevant knob. The selection is confirmed when the LED next to the key lights up. If certain function is not available for the selected program, signal LED will not illuminate.
The function is switched off by pressing the same button again - signal LED goes off.

⚠ **Select the particular function after the selection of the basic program, but prior pressing the START button (E).**

Reduced spin RPM

- Reduction of spin RPM depends on program selection and maximum RPM for particular type of machine.

Basic programs	Spin speed - RPM	
	max.	reduced
Cotton	1400/1300 1200/1100 1000/900/800	700 600 500
Synthetics , Mix	1000/800	600
Delicate	700	0
Wool	600	0

Spin OFF (RPM max. 700 RPM).

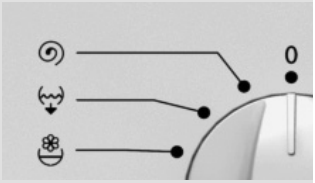
This knob switches off spin on all programs.

Short program

- energy-saving program
- appropriate for washing lightly soiled laundry or smaller quantities of clothes
- reduces washing and rinsing time
- reduces water consumption (with some programs)
- by pressing the key quick program on the program Cotton 30°C, activate the program Cotton 30°C-quick 17'.

Higher water level (Water plus)

- For better rinse, which is important for extra sensitive skin to detergents.
- For washing heavily stained laundry.



<u>- Selection of partial programs</u> (, ,)

These are independent programs and may be used when you do not need the entire washing program. In case you would like to use more additional programs in a sequence, you must turn off the appliance prior any new program selection (turn the program selector (A) to “0” for at least one second).

Softening (Conditioning)

The program is intended for softening, starching, or impregnating clean clothes.

Softening program can also be used as an independent or additional rinse program; in this case, however, do not add any fabric softener or conditioner.

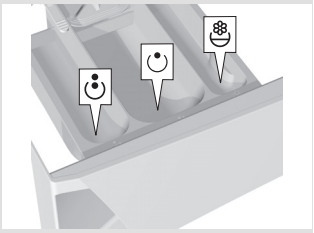
The program is completed by a spinning cycle at 1,000 rpm. Spinning speed can be decreased.

Pumping the water out (Draining)

Use it when the washing program was interrupted or if pump stop function was engaged, and you only wish to pump the water out of the drum, without spinning.

Spinning

Aggressive spinning for non-delicate laundry at high spin RMP. Spinning rpm can be decreased by pressing the ( ) key - selection of spinning speed (rpm).

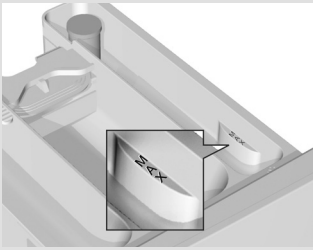


- **Adding washing and softening agents**

(see Tips for washing and energy saving)

- pre-wash compartment
- main wash compartment
- softener compartment

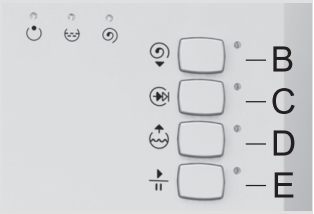
If you do not apply the program which includes the pre-wash feature, you may add washing detergent directly into the drum, using the measuring vessel.



⚠ When adding softener, be careful to fill the dispenser only up to the marked level.

⚠ Be sure to close the detergent dispenser when opening/closing the appliance door.

Start the operation



- Push the START button (E). The machine starts operating after a few seconds. LED indicating the current washing stage lights up. If the door is not closed after the machine is switched on, the START LED starts flashing again after a few seconds. When you close the door, the machine initiates the selected program.
- As each washing stage is completed the relevant washing stage indicator LED goes off and the subsequent one goes on.
- In case you would like to alter the washing program after the initiated washing operation, turn the program selector for one second to the position “0”, followed by the selection of a new program. Switching the machine off deletes any previously selected additional functions(i.e. Pump stop), so they have to be reactivated.

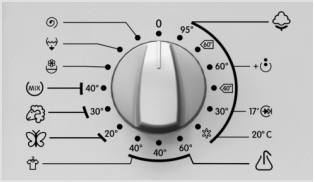
⚠ Upon switching OFF, all additional pre-selected functions are deleted; therefore they must be switched-ON again.

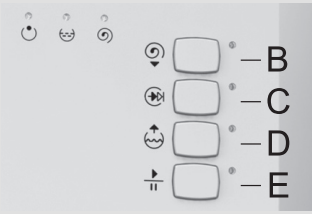
- End of operation

Flashing LED's for particular washing stages indicate that the program was completed.

- Washing machine door can be opened.
- Extract the laundry from the drum and remove any alien objects from the door gasket.
- Leave the door ajar to allow the interior to dry.
- Close the water inlet faucet.
- Switch the machine off by turning the program selector to position "0".
- Pull the power lead from the socket and cut the power supply from the mains.

Interruptions





- **By the user**

Own interruption

You may stop the program by turning the program selector (A) to the position "0". If there is water in the drum select one of additional programs (pumping, spinning) to empty the water and terminate the program.

PAUSE knob

By pressing the PAUSE knob (E) program may be suspended at any time. After certain time you may open the door if there is no water in the drum, otherwise this is not possible. Program is continued by pressing the START knob (E).

- **Failures**
  Program is suspended in case a failure occurs. These are indicated by the flashing LEDs (see cf. Failures).

- **Power failure**
  At electric cutout the program is interrupted, however, after the power supply has been re-established, the program operation automatically proceeds.

⚠ **If a power failure occurs when the drum is still full of water, be careful not to open the door before you pump the water out.**

LOW POWER MODE

P o = weighted power in 'off mode' [W]	0,10
P l = weighted power in the 'left on mode' [W]	0,65
T l = time in 'left on mode' [min]	10,0

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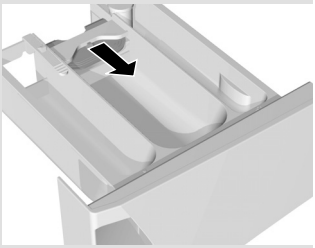
If no program is selected and started and no other action is taken within five minutes after turning on the machine, the machine will be automatically turned off to save energy.
If no action is taken after the end of the program (e.g. if the door is not opened, etc.), the machine will also turn off after five minutes. When you wish to, for example, take the laundry from the machine, you will have to turn it on first.
Washing stage signal lamps and the START/PAUSE key flash intermittently.

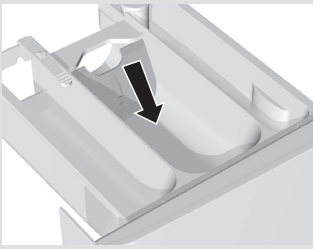
Tips for washing and energy saving

- Before washing sort out the laundry according to the type, degree of dirtiness and color resistance.
- Prior selecting the washing program consult the sewn tab with information on a particular piece of laundry (**see Maintenance Chart** on the last page).
- Wash separately the new colored textile products for the first time.
- Wash heavily soiled laundry in small quantities and add more detergent.
- Treat stubborn stains with special stain remover, it will save energy.
- With lightly stained laundry select washing program without pre-wash, use short program and select lower washing temperature. This way you may save up to 50% of energy.
- Avoid washing too little quantities of laundry because of energy saving and for better performances of the appliance.
- The largest allowed quantity of dry laundry is indicated in **the Program chart**.
- Before washing empty the pockets, close zip fasteners, and remove any metal fasteners or badges that might clog the drain or damage the laundry or drum interior.
- Loosen the stacked laundry prior inserting it into the drum.
- Use only detergents for machine wash.
- Add powder or liquid detergents according to the manufacturer's instructions.
- For different washing temperatures and selected washing programs, please note the recommendations provided by detergent manufacturers.
- If water hardness in your pipeline exceeds 14°dH, we recommend using water softeners. Any damage to the heater due to failure to use a water conditioning agent shall not be covered by this warranty.
- Chlorine-based whitening agents are not recommended, as it can damage the heater.
- To improve your washing results we recommend 2/3 load on Cotton programs.

Hardness scale	Degree of hardness			
	°dH(°N)	m mol/l	°fH(°F)	p.p.m.
1 - Soft	< 8,4	< 1,5	< 15	< 150
2 - Medium	8,4 - 14	1,5 - 2,5	15 - 25	150 - 250
3 - Hard	> 14	> 2,5	> 25	> 250

In case of hard water add detergent according to the Chart for degree 1 and add appropriate quantity of water softener (see manufacturer's instructions).





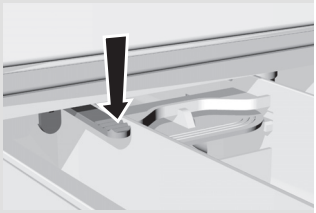
- If you do not apply the program which includes the pre-wash feature, you may add washing detergent directly into the drum.
- If you use thick liquid softener it is recommended to dilute it with water, to prevent clogging of dispenser compartment ducts.
- Washing machine is equipped with the dispenser partition gate, so you may pour liquid detergent also into the central compartment (depending on model). If you use powder detergent the gate is lifted up, and in case of liquid detergent it is slid down.
- Liquid detergents are intended for main wash only, without pre-wash.
- Insert particularly delicate linen (stockings, delicate female underwear, etc.) into the special bag.
- High spin RPM leave less moisture in laundry which dries out much quicker in the tumble dryer, thereby saving energy.

⚠ **Do not put clods of detergent into the soap dispenser as the tube in the washing machine may clog.**

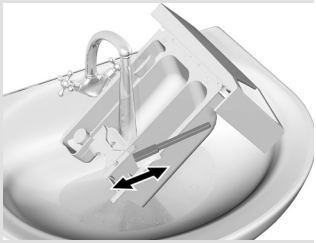
Cleaning and maintenance

⚠ **Disconnect the washing machine from the mains before cleaning!**

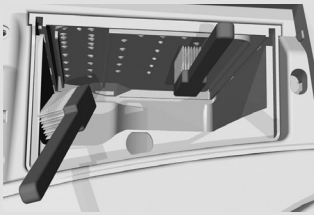
- The casing should be cleaned with soft cloth and mild detergent.
- The interior of the drum and the door gasket is cleaned by washing at 60°C without laundry and adding half quantity of detergent.
- Frequent, or predominant, washing at low temperatures, using liquid detergents, may result in development of bacteria which causes odor in the washing machine.
  To prevent this, we recommend running the auto-clean program occasionally (see chapter “OPERATION / selecting additional functions”).
- If necessary, clean the detergent dispenser. Pull it out from its casing completely by pressing the flap (see Fig.).



- If necessary, clean the cover of the bung under the running water.

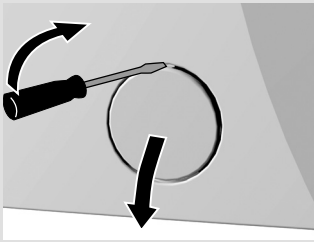


- Wash it under running water using a brush, and dry it. Remove any leftover dried detergent from the bottom of the casing.



- Clean the entire rinsing area of the washing machine with a brush, especially the nozzles on the upper side of the rinsing chamber.

- Clean frequently the water inlet hose screen under running water.
- After each wash wipe the door rubber gasket. This will prolong its useful life.



- Open the filter lid using flat screwdriver or similar tool.

- Filter needs occasional cleaning, especially following heavily shaggy or old laundry.

- Carefully turn the filter insert in anticlockwise direction and let the water slowly drain; then remove the filter and clean it under running water.

- Insert the filter back as shown on the picture, and tighten by turning it in clockwise direction. To ensure good sealing the gasket surface (A) must be dirt free.

Failures

The washing machine automatically monitors the execution of particular functions during the operation, and reports any detected failures.
In such cases signal LED's start flashing in certain sequence.
The flashing sequence changes in accordance with the nature of the detected failure.
In some cases you may attempt removing certain failures yourself, so count the number of flashes, repeating after certain pauses.
The machine signals failures immediately after detecting them and stops the program, except for heater failure, where the machine completes the washing program without heating water.

Failures:
2 - Two flashes: door is not correctly closed
3 - Three flashes: inappropriate water intake
7 - Seven flashes: inappropriate water outlet.
In these cases, you will be able to remedy the failure by yourself (See Troubleshooting table).

1 - One flash: temperature sensor failure
4 - Four flashes: spinning sensor failure
5 - Five flashes: motor failure
6 - Six flashes: Heater failure
In these cases, turn off the machine, then turn it back on and repeat the program. If the failure reoccurs, contact your nearest authorized service center. The LEDs will continue to flash until the machine is turned off.

Interferences from the ambient (for example electrical wiring) could induce signalization of different faults. In such cases:
- switch the appliance off, and wait for a few seconds;
- switch the appliance back on and repeat the washing program.

If the fault repeats, call authorized service shop.

Warranty shall not apply in case of failures due to interferences from the environment (lightning stroke, power supply circuit faults, natural disasters).

Failure	Possible cause	Remedy
The machine does not work (indicator LED's are not illuminated).	Machine is not powered.	Check if: • power in the socket, • the fuse is OK, • plug is in the socket.
FAILURE 2 Washing program does not start • At the beginning of the washing program: on/off LED is flashing • During washing: LEDs periodically flash twice	Door is not properly closed.	Push it towards the machine.
FAILURE 3 Water does not enter the machine (after approx. 4 min the machine reports failure - LEDs periodically flash three times).	Disturbed water inlet.	Check if: • the water tap is open, • inlet pipe net filter is clean. Push the START button.
Water is leaking from the machine.	• Filter is not tightly screwed in. • Inlet pipe is not tightly screwed to the machine or to the water faucet. • Outlet pipe fell to the floor.	• Tighten the filter properly. • Tighten the inlet pipe. • Affix the outlet pipe to the drain.
The machine moves during operation.	• The machine is not properly leveled. • Transport brackets are not removed.	• Level the machine with the adjustable legs. • Remove transport brackets.
The machine vibrates during the spin.	Unevenly distributed laundry, especially with very small quantities (for ex. only the bathrobe).	This is normal, the machine will reduce the RPM if vibrations are too strong. Wash larger quantity of laundry.
Excessive foaming during washing.	Excessive measure of detergent.	Use washing powder according to the instructions by the producer and according to the water hardness and soiled laundry. Use only detergents for machine washing.
FAILURE 7 Water is poorly pumped out or not at all (machine reports failure - the LEDs periodically flash seven times).	Water outlet is clogged	Check if: • the filter is clean, • outlet pipe is not jammed, • the drain is clogged, • outlet pipe is positioned higher than 1m. Push START again
Laundry is not properly spun. No failure is reported.	The machine switched on the UKS* function. Because of bad laundry balance, the machine has automatically reduced spin RPM.	The machine operates normally. Wash large and small pieces of laundry together.

Failure	Possible cause	Remedy
Greasy wads appear on the laundry.	Too little detergent (laundry was very greasy).	Wash the laundry again. Add more detergent for such soiled laundry, or use liquid detergent.
Laundry is stained after washing.	You used liquid detergent or detergent for colored laundry which does not contain whitener.	Use the detergent containing whitener.
White powdery residues on the laundry.	It is not the consequence of bad rinsing, but because of neo-phosphate detergents containing non soluble components (zeolites) for water softening. Such substances may be deposited upon the laundry.	Immediately rinse the laundry once again. • Use liquid detergents which do not contain zeolites. • Try removing the residues with the brush.
Detergent residues in the dispenser.	Low water flow pressure. Some detergents may stick to the dispenser rather hard if it is wet.	• Clean the inlet pipe filter net. • In case of low water pressure increase water level. • Wipe the dispenser prior loading detergent.
Softener is not completely rinsed, or water is left in the dispenser dish.	Sucking cover is not correctly positioned or is clogged.	Clean the dispenser and firmly fix the cover to its place.
Unpleasant smell in the washing machine drum.	• Remains of fabrics, washing agent and softener in the filter. • Development of germs	• Check whether the filter is clean. • Run the auto-clean program (see chapter: selecting additional functions)
Washing time is longer than usual.	• Low temperature of inlet water. • Due to unevenly distributed load, the machine has activated the UKS*. • Low mains voltage. • There has been a failure in the power supply.	• Washing program time may be up to 60% longer; however, this does not imply a fault in the machine. • Washing time is extended by the power supply down-time.
FAILURE 1 Program temperature not reached (the machine reports a failure - the LEDs periodically flash once)	Temperature sensor disconnected from the electronic circuit.	• Turn off the appliance and wait for a few seconds; • turn the appliance back on and repeat the washing program. If the failure is reported again, call a service technician.
FAILURE 4 Spinning rpm not reached in the selected program (the machine reports a failure - the LEDs periodically flash four times) (in some models, FAILURE 2 is displayed)	• rpm sensor disconnected • Motor overload due to too high water level (manual addition of water) or too big laundry load • Motor failure	• Turn off the appliance and wait for a few seconds; • turn the appliance back on and repeat the washing program. If the failure is reported again, call a service technician.

452515

Failure	Possible cause	Remedy
FAILURE 5 Motor operation interrupted; or motor does not operate (the machine reports a failure - the LEDs periodically flash five times)	Motor overload or motor failure.	• Turn off the appliance and wait for a few seconds; • turn the appliance back on and repeat the washing program. If the failure is reported again, call a service technician.
FAILURE 6 Program temperature not reached (the machine reports a failure - the LEDs periodically flash six times)	• Heater failure • Inlet water too cold • Manual addition of water	• Turn off the appliance and wait for a few seconds; • turn the appliance back on and repeat the washing program. If the failure is reported again, call a service technician.

* UKS: universal stability control - this function prevents excessive vibrations during spinning.

In case you were not successful in repairing the malfunctions in spite of the above suggestion chart, call the nearest authorized service shop.
Repairing the failure arising from inappropriate connections or use of the appliance is not covered by the guarantee, and the repair expenses are paid by the customer.

Tables

Program chart
- 7 kg (A-30%)n

Basic programs	Max. load [kg]	Temp. [°C]	Spin [max. RPM]	Remaining moisture content [%]	Duration [min.]	Water cons. [L] RPM 1000 - 1400	Energy cons. [kWh] RPM 1000 - 1400
Cotton	7	95	1000-1400	59-44	166	66	2,10
Cotton* ⊂	7/3,5**	60		59-44	164/164**	49/40**	0,89/0,71**
Cotton + prewash	7	60		59-44	158	68	1,40
Cotton* ⊂	7/3,5**	40		59-44	151/151**	49/40**	0,68/0,59**
Cotton	7	30		59-44	82	60	0,35
Cotton - quick 17’	2	30	1000	59	17	40	0,17
Cotton - Tap water + (ECO)	3,5	20	1000-1400	59-44	98	69	0,18
Synthetics	3,5	60	1000	30	109	55	0,90
Synthetics	3,5	40		30	93	52	0,56
Synthetics - easy ironing	3	40	700	37	95	52	0,45
Delicate	3	20		37	53	55	0,36
Wool	2	30	600	52	46	42	0,20
Mix	3,5	40	1000	59	80	45	0,42
Partial programs							
Softening (Conditioner)	7		1000	59	14	16	0,03
Pumping water (Drain)	7		-	/	3	-	0,001
Spinning	7		1000-1400	59-44	14	-	0,05

* Testing program by EN 60456 with the selection of max. spin RPM.
** Half load

‘Standard 60 °C cotton programme ⊂’ and the ‘standard 40 °C cotton programme ⊂’ are the standard washing programmes to which the information in the label relates. These programmes are suitable for cleaning normally soiled cotton laundry and they are the most efficient programmes in terms of combined energy and water consumption.
For this reason, actual water temperature may differ from the nominal cycle temperature.

452515

Tabella programmi
- 6 kg (A-20%)n

Basic programs	**Max. load [kg]**	**Temp. [°C]**	**Spin [max. RPM]**	**Remaining moisture content [%]**	**Duration [min.]**	**Water cons. [L]** RPM **800 - 1400**	**Energy cons. [kWh]** RPM **800 - 1400**
Cotton	6	95	800-1400	62-44	166	58	2,05
Cotton* ⊂	6/3**	60		62-44	164/164**	50/35**	0,89/0,71**
Cotton + prewash	6	60		62-44	158	53	1,34
Cotton* ⊂	6/3**	40		62-44	151/151**	50/36**	0,66/0,59**
Cotton	6	30		62-44	82	50	0,27
Cotton - quick 17’	2	30	1000	59	17	40	0,17
Cotton - Tap water + (ECO)	3	20	800-1400	62-44	98	50	0,18
Synthetics	3	60	1000	30	109	55	0,90
Synthetics	3	40		30	93	52	0,56
Synthetics - easy ironing	2,5	40	700	37	95	52	0,45
Delicate	2,5	20		37	53	55	0,36
Wool	2	30	600	52	46	42	0,20
Mix	3	40	1000	59	80	45	0,42
Partial programs							
Softening (Conditioner)	6		1000	59	14	16	0,03
Pumping water (Drain)	6		-	/	3	-	0,001
Spinning	6		800-1400	62-44	14	-	0,05

* Testing program by EN 60456 with the selection of max. spin RPM.
** Half load

‘Standard 60 °C cotton programme ⊂’ and the ‘standard 40 °C cotton programme ⊂’ are the standard washing programmes to which the information in the label relates. These programmes are suitable for cleaning normally soiled cotton laundry and they are the most efficient programmes in terms of combined energy and water consumption.
For this reason, actual water temperature may differ from the nominal cycle temperature.

Program chart
- 6 kg (A-10%)n

Basic programs	**Max. load [kg]**	**Temp. [°C]**	**Spin [max. RPM]**	**Remaining moisture content [%]**	**Duration [min.]**	**Water cons. [L]** RPM **800 - 1400**	**Energy cons. [kWh]** RPM **800 - 1400**
Cotton	6	95	800-1400	62-44	166	51	2,05
Cotton* ⊂	6/3**	60		62-44	164/164**	45	0,98/0,95**
Cotton + prewash	6	60		62-44	158	53	1,34
Cotton* ⊂	6/3**	40		62-44	151/151**	45	0,66/0,59**
Cotton	6	30		62-44	82	45	0,27
Cotton - quick 17’	2	30	1000	59	17	40	0,17
Cotton - Tap water + (ECO)	3	20	800-1400	62-44	98	45	0,18
Synthetics	3	60	1000	30	109	55	0,90
Synthetics	3	40		30	93	52	0,56
Synthetics - easy ironing	2,5	40	700	37	95	52	0,56
Delicate	2,5	20		37	53	55	0,36
Wool	2	30	600	52	46	42	0,20
Mix	3	40	1000	59	80	45	0,42
Partial programs							
Softening (Conditioner)	6		1000	59	14	16	0,03
Pumping water (Drain)	6		-	/	3	-	0,001
Spinning	6		800-1400	62-44	14	-	0,05

* Testing program by EN 60456 with the selection of max. spin RPM.
** Half load

‘Standard 60 °C cotton programme ⊂’ and the ‘standard 40 °C cotton programme ⊂’ are the standard washing programmes to which the information in the label relates. These programmes are suitable for cleaning normally soiled cotton laundry and they are the most efficient programmes in terms of combined energy and water consumption.
For this reason, actual water temperature may differ from the nominal cycle temperature.

Program chart
- 5,5 kg (A-10%)n

Basic programs	**Max. load [kg]**	**Temp. [°C]**	**Spin [max. RPM]**	**Remaining moisture content [%]**	**Duration [min.]**	**Water cons. [L]** RPM **800 - 1400**	**Energy cons. [kWh]** RPM **800 - 1400**
Cotton	5,5	95	800-1400	62-44	166	51	2,00
Cotton* ⊂	5,5/2,75**	60		62-44	164/164**	45	0,93/0,90**
Cotton + prewash	5,5	60		62-44	158	53	1,34
Cotton* ⊂	5,5/2,75**	40		62-44	151/151**	45	0,56/0,49**
Cotton	5,5	30		62-44	82	45	0,27
Cotton - quick 17’	2	30	1000	59	17	40	0,17
Cotton - Tap water + (ECO)	2,75	20	800-1400	44	98	45	0,18
Synthetics	2,5	60	1000	30	109	43	0,93
Synthetics	2,5	40		30	93	40	0,52
Synthetics - easy ironing	2,5	40	700	37	95	40	0,52
Delicate	2	20		37	53	55	0,31
Wool	1,5	30	600	52	46	42	0,18
Mix	2,5	40	1000	59	80	45	0,39
Partial programs							
Softening (Conditioner)	5,5		1000	59	14	16	0,03
Pumping water (Drain)	5,5		-	/	3	-	0,001
Spinning	5,5		800-1400	62-44	14	-	0,05

* Testing program by EN 60456 with the selection of max. spin RPM.
** Half load

‘Standard 60 °C cotton programme ⊂’ and the ‘standard 40 °C cotton programme ⊂’ are the standard washing programmes to which the information in the label relates. These programmes are suitable for cleaning normally soiled cotton laundry and they are the most efficient programmes in terms of combined energy and water consumption.
For this reason, actual water temperature may differ from the nominal cycle temperature.

Program chart
- 5 kg (A-20%)n (slim)

Basic programs	**Max. load [kg]**	**Temp. [°C]**	**Spin [max. RPM]**	**Remaining moisture content [%]**	**Duration [min.]**	**Water cons. [L]** RPM **800 - 1400**	**Energy cons. [kWh]** RPM **800 - 1400**
Cotton	5	95	800-1400	62-50	155	45	1,95
Cotton* ⊂	5/2,5**	60		62-50	157/157**	42/39**	0,68/0,62**
Cotton + prewash	5	60		62-50	155	49	0,99
Cotton* ⊂	5/2,5**	40		62-50	147/147**	42/38**	0,55/0,52**
Cotton	5	30		62-50	75	42	0,15
Cotton - quick 17’	2	30	1000	55	17	30	0,13
Cotton - Tap water + (ECO)	2,5	20	800-1400	62-50	98	42	0,17
Synthetics	2,5	60	1000	33	104	35	0,61
Synthetics	2,5	40		33	96	33	0,34
Synthetics - easy ironing	2	40	700	40	95	33	0,34
Delicate	2	20		40	50	50	0,26
Wool	1,5	30	600	55	44	42	0,18
Mix	2,5	40	1000	55	78	39	0,31
Partial programs							
Softening (Conditioner)	5		1000	55	14	9	0,02
Pumping water (Drain)	5		-	/	3	-	0,001
Spinning	5		800-1400	62-50	14	-	0,04

* Testing program by EN 60456 with the selection of max. spin RPM.
** Half load

‘Standard 60 °C cotton programme ⊂’ and the ‘standard 40 °C cotton programme ⊂’ are the standard washing programmes to which the information in the label relates. These programmes are suitable for cleaning normally soiled cotton laundry and they are the most efficient programmes in terms of combined energy and water consumption.
For this reason, actual water temperature may differ from the nominal cycle temperature.

Program chart - 5 kg / 4,5 kg (A-10%)n (slim)

Basic programs	Max. load [kg]		Temp. [°C]	Spin [max. RPM]	Remaining moisture content [%]	Duration [min.]	Water cons. [L]		Energy cons. [kWh]	
							RPM		RPM	
							800 - 1400		800 - 1400	
	5kg	4,5kg					5kg	4,5kg	5kg	4,5kg
Cotton	5	4,5	95	800-1400	62-50	155	45	40	1,95	1,80
Cotton* ⊂	5 / 2,5**	4,5 / 2,25**	60		62-50	157/157**	42/ 39**	37	0,89 / 0,71**	0,80 / 0,69**
Cotton + prewash	5	4,5	60		62-50	155	49	43	0,99	0,99
Cotton* ⊂	5 / 2,5**	4,5 / 2,25**	40		62-50	147/147**	42/ 38**	37	0,55 / 0,52**	0,47 / 0,44**
Cotton	5	4,5	30		62-50	75	42	37	0,15	0,15
Cotton - quick 17'	2	2	30	1000	55	17	30	30	0,13	0,13
Cotton - Tap water + (ECO)	2,5	2,25	20	800-1400	50	94	42	37	0,17	0,17
Synthetics	2,5	2,0	60	1000	33	104	31	31	0,61	0,61
Synthetics	2,5	2,0	40		33	96	29	29	0,34	0,34
Synthetics - easy ironing	2	1,5	40	700	40	95	29	29	0,34	0,34
Delicate	2	1,5	20		40	50	50	45	0,26	0,22
Wool	1,5	1,0	30	600	55	44	42	35	0,18	0,12
Mix	2,5	2,0	40	1000	55	78	39	35	0,31	0,29
Partial programs										
Softening (Conditioner)	5	4,5		1000	55	14	9		0,02	
Pumping water (Drain)	5	4,5		-	/	3	-		0,001	
Spinning	5	4,5		800-1400	50	14	-		0,04	

* Testing program by EN 60456 with the selection of max. spin RPM.
** Half load

'Standard 60 °C cotton programme ⊂' and the 'standard 40 °C cotton programme ⊂' are the standard washing programmes to which the information in the label relates. These programmes are suitable for cleaning normally soiled cotton laundry and they are the most efficient programmes in terms of combined energy and water consumption.
For this reason, actual water temperature may differ from the nominal cycle temperature.

452515

Program chart / Additional functions

Program Basic programs	Reduced spin RPM	Short program	Higher water level
Cotton	●	●	●
Cotton with prewash	●		●
Synthetics	●	●	●
Delicate	●	●	●
Wool	●	●	●
Mix	●	●	●
Partial programs			
Rinse	●		
Softening	●		
Pumping water			
Spinning	●		

● possibility

⚠ **Due to variations in the type and quantity of laundry, spin speed, variations in power voltage, and the temperature and moisture of ambient, the measured values of the duration of the program and power consumption with the end user may vary somewhat from the displayed values.**

Maintenance chart

Normal wash Delicate wash	95 Max. washing temp. 95°C 95	60 Max. washing temp. 60°C 60	40 Max. washing temp. 40°C 40	30 Max. washing temp. 30°C 30	Manual washing	Washing not allowed
Whitening	c1 Whitening in cold water			Whitening not allowed		
Ironing	Hot iron max. 200°C	Hot iron max. 150°C		Hot iron max. 110°C	Ironing not allowed	
Dry cleaning	A Dry cleaning in all solvents	P Perchlorin-etyhlene R11, R113, Kerosene		F Dry cleaning in kerosene, in pure alcohol and in R 113	Dry cleaning not allowed	
Drying	Place on flat surface	Hang wet	Hang	High temperature Low temperature	Tumble drying not allowed	

We reserve the rights to make any changes or mistakes in these operation instructions.

452515

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