Instructions for Use

Washing machine
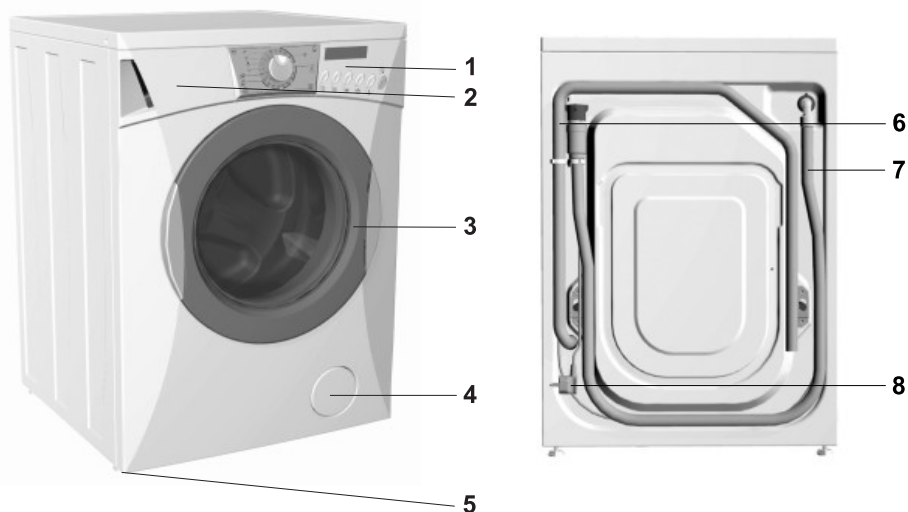
Thank you for your confidence in purchasing our washing machine, and congratulations on the excellent choice.
Your new washing machine meets the requirements of modern treatment of laundry. It is rational in the consumption of energy, water and washing agents. Our appliances are friendly to the environment. 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.

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Description of washing machine

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

Technical information
(depending on the model)

- **Max. load: 6 kg / 7 kg**
Dimensions (w x d x h):
600 mm x 600 mm x 850 mm
Depth with door open: 106 cm
Weight (net): 90 kg
Nominal voltage: 230 V, 50 Hz
Power: 2300 W
Power socket: (230 V, 50 Hz, 10 A)
Water pressure: min. 0,05 MPa, max. 0,8 MPa
Fuse: 10 A

- **Max. load: 4,5 kg**
Dimensions slim aparat (w x d x h):
600 mm x 440 mm x 850 mm
Depth with door open: 88 cm
Weight (net): 76 kg
Nominal voltage: 2000 W

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.
- 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.
- 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.

⚠ **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 belt can be replaced by a servising engineer only, who incorporates an original spare part with the marking MIG OPTIBELT 6EPJ 1260, code 111622 or 6EPJ 1278 code 587612.**

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 thisproduct. 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.

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.Save the transport brackets for eventual later use.

⚠️ **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.**
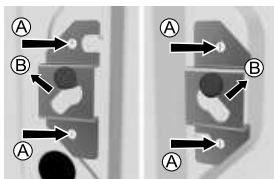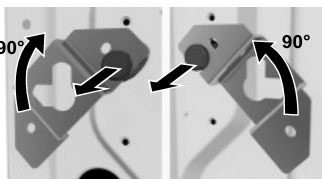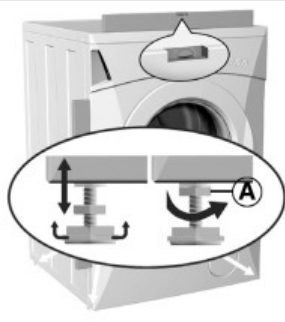

Fig. 1   Fig. 2

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.**

• Insert the gasket with screen into the water inlet hose thread Screw the hose thread to the water faucet
• In case of hot and cold water connection, connect one hose to cold and other to hot water faucet as marked at the rear of the appliance (letters C and H) (C - cold; H - hot)

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
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
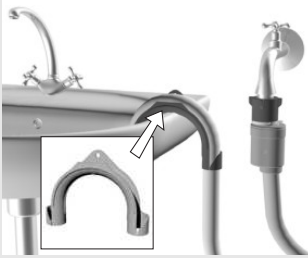
- Fix the outlet hose to run into the sink or the bathtub, or connect it directly to the wall drain outlet (diameter min. 4 cm).
- Wall drain must be installed properly and must enable occasional cleaning.
- Fasten the outlet hose support with a piece of rope led through the hose elbow, to prevent the 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.**

If the socket, the machine is connected to, is protected by the overload protection switch (FID), the nominal differential current of the switch must be 30 mA (switch mark Idn or IΔn). In case of a smaller nominal current in the switch, the machine may be switched off during its normal operation.

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Operation

A   B C   D   E   F   G   H
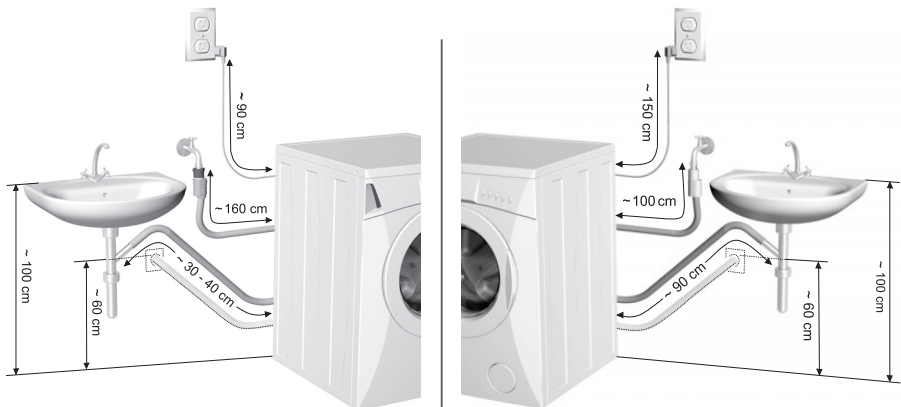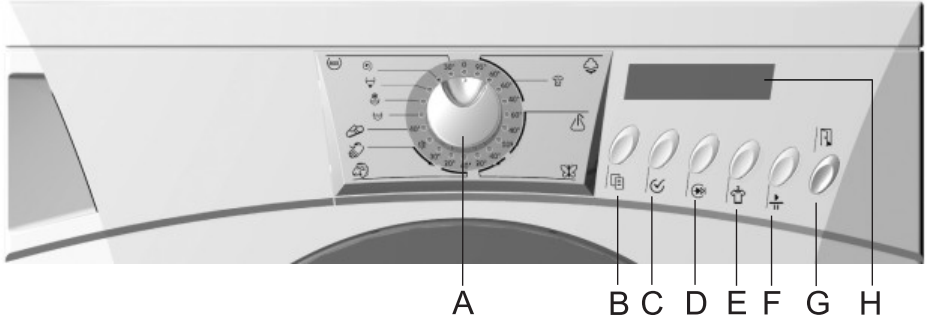
A - program selector
B - MENU knob
C - SELECTION knob
D - short program knob

E - easy ironing knob
F - START/PAUSE knob
G - door knob (depending on the model)
H - display

Program selector	Basic programs		Partial programs	
	☁	Cotton 👕 Heavy duty	👶	Rinse
	⚠	Synthetics	🧺	Softening
	🦋	Delicate	💧	Pumping water
	🐑	Wool	🔄	Spinning
	✋	Manual wash		
	👟	Jogging		
	(MIX)	Mix		

Functional knobs
Knob B (MENU) - Use this knob to scroll around main menu.
Knob C (SELECTION) - Use this knob to scroll around main menu.
Knob F (START/PAUSE) - Use it to start or finish the program.

Before first use

- Selecting language

To change the language in which the information appear on the display, press simultaneously the key MENU (B) and SELECTION(C), and turn the program selector (A) from position "0" to the first program in clockwise direction (Cotton 95°C). The name of actually selected language appears on the display. Scroll down the selection of languages by pressing the SELECTION knob (C), until you find the desired language. Then turn the program selector back to position "0". Last selected language will be saved automatically.

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 (F).

- Open the door of the machine.
Door is opened by pulling the handle (lever) on the right hand side of the door towards you (in certain models the door is opened by pressing the knob DOOR (G).
- Sort the laundry by the type of fabrics.
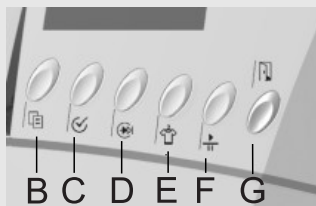
⚠ **Do the buttons and zippers, tie the strings and pull out the pockets.**

⚠ **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.**
- **Switch the machine on.**

COTTONS 60°C   01:56

1200 ↺ 69L

1. Name of the program, **2**. Duration or time of day, **3.** Symbols for activation of additional functions, **4.** Water quantity in liters, **5.** Spin RPM

Program is selected by turning the program selector from the "0" position to the desired washing program. The display indicates particular washing program, selected by the program selector. The program selector 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.**
With each basic program you may also select **additional functions.**
Selected program may be changed at random prior pushing the START button (F).

- Selection of basic programs (☲, ⚠, ✕, ⊞, 🗇, ⊘, (MIX))
Basic programs are selected by turning the program selector (A) to the desired program. The display indicates the selected program, along with basic settings.
With each basic program you may also select **additional functions**.

☲ *Cotton: whites/colored*
Normally stained cotton and flax bed linen and underwear, table cloth, bathroom towels, top garments, etc.
For heavily stained permanent press use the heavy duty program, or program with the pre-wash, or select soaking in case of stains.

⚠ *Synthetics*
Normally stained shirts, blouses and other polyester and polyamide garments, or a mixture of these fabrics with cotton.
For heavily stained resistant color laundry, use program with pre-wash.

❀ *Delicate*

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

⌘ *Wool*

Especially gentle program for washing wool and garments made from mixture of other fabrics with wool, appropriately marked for machine washing.

〰 *Manual wash*

Very gentle program concluded with short gentle spin (max. 400 RPM).
It is suitable for washing fabrics from flax, silk, wool or viscose, marked accordingly for manual wash.

⬮ *Jogging*

Quick program for washing less stained athletic attires made of cotton or synthetic fabrics.

(MIX) *Mix*

Special program for washing normally stained colored laundry made from various resistant fabrics at 30°C.

- Selection of additional function
(⊕, 👕, ◐, ⊖, ⊕, ⊛, ⊕, ⊙ ,⊛, 🕐)
The display always indicates only the menus with functions which are available for a particular program. Certain functions may not be selected at the same time (see Program /Additional Functions Chart). Our suggestion is to select first the additional functions with 'Short program (D) and Easy ironing knobs (E). In this case, only the available additional functions, compatible with the two selected will be displayed in menus.

B C D E F G

⊕ **Short program** (selection by separate knob)
• Program saves energy.
• Convenient for washing less stained laundry, or smaller quantities of laundry.
• Washing and rinsing time is reduced.
• Reduced water consumption (with certain models).

| COTTONS 95°C | 01:54 |
| 1200 ⊚ 48L | ⊕ |

👕 **Easy ironing** (selection by separate knob)
Gentle tumbling and final spin prevent excessive creasing of laundry. Follow the determined maximum load for particular programs. Suggested reduced load (cotton 3 kg, synthetics 2 kg).

| COTTONS 60°C | 01:53 |
| 1000 ⊚ 45L | 👕 |

- Selection of additional functions using the MENU knob (B)
By pressing the MENU knob (B) additional functions available for changing or adding to the pre-selected washing program

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are displayed in sequence. If you do not wish to activate or change certain displayed function, press knob B (MENU) to move to the next available function.Functions with the choice of multiple available settings, display the default one in bold (spin RPM, extra rinse, more water, sound signal). Using the SELECTION knob (C) you may change settings. Activation of a particular function is confirmed by the relevant symbol appearing on the display. Function is deactivated by another pressing the SELECTION knob (C).

Spin speed / Rinse hold
Best recommended spin RPM for the selected program appear on the display. Using the button (C) in some models you can increase the selected RPM (1300-1800) or reduce in steps till "0", when all spins are off. Last selection is "pump stop" meaning that laundry will remain soaked in the last rinse water.
RINSE HOLD function is selected if you want the laundry not to be excessively creased in case you are unable to remove it from the drum immediately after the end of washing cycle. This is specially handy for washing of synthetics △ and delicate laundry �ख़.
However, it is not recommended for wool ⊗ or manual wash ✍.

Extra rinse/ Clean water sensor
This function is for persons, especially sensitive to detergents. Using the SELECTION knob (C) you may select one or two extra rinses, or activate the Clean water sensor (S) - certain models only. By activating extra rinse the display indicates adequately increased quantity of water. If the clean water sensor is activated, the display indicates the symbol "S" instead of water quantity. In such cases the machine will select appropriate number of rinses in relation to how clean is rinsing water, detected (measured) by the sensor.

Higher water level (Water plus)
For washing heavily stained laundry.
Using the SELECTION knob (C) you may increase quantity of water for rinsing one or two times more; for certain programs this function is available also for washing. Appropriately larger quantity of water is indicated by the display.

Cold wash
For washing less soiled or colour-sensitive clothes.
Upon switching this function ON, the heating function of this cycle is switched OFF, therefore the whole program is adequately shortened.

Display panels (left column):

SPIN SPEED
1200 ⊚

SPIN SPEED
1000 ⊚

SPIN SPEED
⊕ ⊚

EXTRA RINSE
012S   45L

EXTRA RINSE
012S   55L   ⊕

EXTRA RINSE
012S   S   ⊕

HIGHER WATER LEVEL
012   40L

HIGHER WATER LEVEL
012   49L   ⊕

COLD WASH
NO   40L

COLD WASH
YES   40L

PREWASH	
NO	48L

PREWASH	
YES	58L ☉

SOAK	00:00
NO	

SOAK	01:30
YES	♨

DELAY START	00:00

DELAY START	01:30
	⊕

B C D E F G
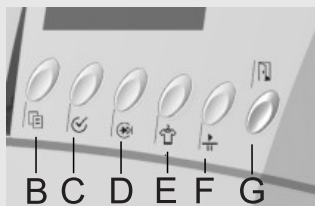
END OF CYCLE	12:30
NO	

END OF CYCLE	17:30
YES	⊕

B C D E F G
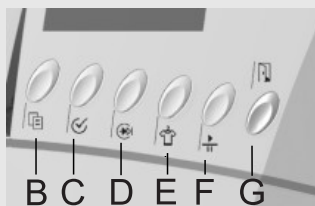
☉ Pre-wash

Used for washing heavily stained laundry, especially with superficial stains. In default setting the pre-wash function is off. It is activated by pressing the SELECTION knob (C) on programs for cotton, synthetics, delicate and mixed laundry.

♨ Soaking

This program is intended for removal of stubborn stains. In default setting the soaking function is off. It is engaged by pressing the SELECTION knob (C). Soaking time may be set from 1 h to maximum 6 hours, in 30 minute steps. At the end of the preset time the machine automatically starts the selected washing program.

⊕ Delayed start

The function enables delay of starting the washing procedure for up to 20 hours, in 30 minute intervals for the first two hour delay, and in hourly intervals for the rest.
Delay is set by pressing or keeping pressed the SELECTION knob (C) for the required time of delay.

In case you wish to change or suspend the delayed start after starting the machine with the START knob (F), you may do so by pressing the MENU knob (B). The delayed start appears; using the SELECTION button (C) reset the delay period.

⊕ Setting the end of program

(certain models only)
Caution: prior this setting check whether the current time of day is set correctly (see section Special functions). Set the time you want the program to end the washing procedure.
The machine will automatically calculate the starting time, depending on the selected program. End of washing may be delayed for maximum 20 hours, in 30 minute intervals for the first two hour delay, and in hourly intervals for the rest.
Function is set by pressing or keeping pressed the SELECTION knob (C) until the required time to end the washing appears on display.
Caution: If Clean water sensor is engaged, the program may last longer for extra rinsing time.
In case you wish to change or suspend the end of washing time after starting the machine with the START knob (F), you may do so by pressing the MENU knob. The end of washing time appears; using the

SELECTION button (C) reset the selected time.

♫ *Sound signal*

Sound signal beeps when a knob is pressed (function selection), and it also signals the end of washing program and reporting failures.

In default setting the sound signal is on. You may select to switch the sound signal off, or increase volume.

Legend: **0**12   sound signal off

0**1**2   normal sound signal setting

01**2**   increased volume setting

If you switch the sound signal off the display indicates relevant symbol ⚠.

CHILD LOCK
NO

CHILD LOCK
YES   ⚲

⚲ *Child protection*

Operation of the washer may be protected against accidental changes of programs or functions. The function is activated by pressing the START/PAUSE button (F).

Temporary disengagement of the function (during the operation):

- Keep the MENU knob (B) pressed for 4 seconds, relevant symbol flashes on the display.
- Stop the program by pressing the START/PAUSE knob (F).
- Change settings.
- Press the START/PAUSE button (F) and reactivate the child lock.

In case you fail press any knob within 15 seconds, the protection is automatically reactivated.

Permanent disengagement of the function:

a.) During the operation:

- Keep the MENU knob (B) pressed for 4 seconds.
- Stop the program by pressing the START/PAUSE knob (F).
- Using the MENU knob (B) move to child lock option.
- Press the SELECTION knob (C) to disengage the function.

b.) After the program is completed:

- Keep the MENU knob (B) pressed for 4 seconds.

If you switch the machine off after the end of program and fail to disengage the child lock, it remains active during subsequent start of the machine. To select new program, you must first temporarily or permanently disengage the child lock function. The function remains active even during power failure.

- Selection of partial programs (🙂, ⛄, 🌀, 🌀)

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 to "0" for at least one second).

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⌣ *Rinse*

Independent program for rinsing delicate laundry, without intermediate spinning and with short final spin. You may use it for rinsing manually washed delicate laundry.
You may engage the reduced spin RPM function.

⊛ *Softening*

This program is intended for softening, bleaching or impregnating of washed laundry. It is completed with aggressive spinning at high RPM.
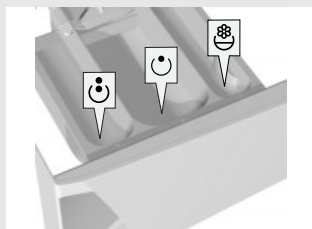You may engage the reduced spin RPM function.

⌣ *Pumping the water out*

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*

Intensive spin for non-delicate laundry at maximum speed.
Spin revolutions can be altered.

- Adding washing and softening agents
(see tips for washing and energy saving)
• pre-wash compartment ⌣
• main wash compartment ⌣
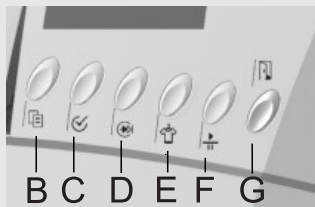• softener compartment ⊛
If you do not apply the program which includes the pre-wash feature, you may add washing detergent directly into the drum, using the measuring vessel.
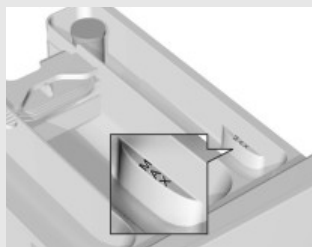
⚠ **When adding softener, be careful to fill the dispenser only up to the marked level.**

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

Start the operation

B C D E F G

SYNTHETICS 60°C   17:30
1000 ⟳ 68L

PREWASH   02:19
1000 ⟳ 68L

WASHING   01:54
1000 ⟳ 68L

RINSE   00:41
1000 ⟳ 68L

SPIN   00:15
1000 ⟳ 68L

END OF CYCLE
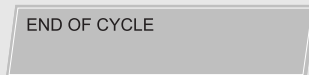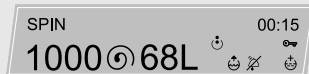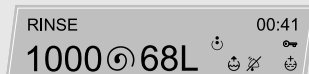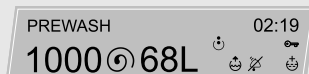
Program is activated by pushing the START/PAUSE button (F). Sound signal confirms the start, the display indicates first washing stage and time left to the end of washing. Washing stages are consecutively displayed in accordance with the selected program.

If the machine is set with the delayed start, it will start operating after the delay time expires.

If the pump stop function was set, the program will stop at the final rinse and the display indicates flashing sign pump stop (RINSE).

You may conclude the program by pressing the START knob (F) and the machine will finish the program with the spin, determined by that particular program.

In case you would like to alter the washing program, turn the program selector to the position "0", followed by the selection of rinse or merely pumping the water out.

⚠ **Low water temperature, low network voltage, and smaller loads of laundry may extend the washing time; the time indicated on the display is constantly adjusted to account for such conditions.**

- End of operation
• Sound signal indicates that you may now open the door of the machine.
• 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 (A) to position "0".
• Pull the power lead from the socket and cut the power supply from the mains.

Interruptions

B C   D   E F   G

• **By the user**

Temporary interruption
By pressing the START/PAUSE knob (F) the program may be suspended at any time.
If the Child lock is engaged you have to deactivate it first. Display reads PAUSE.
After certain time you may open the door if the water level in the drum is low enough, otherwise you must fist empty the water (use additional program Pumping water out 🖐 or Spin ⟳).
By pressing the START knob (F) the program is continued where
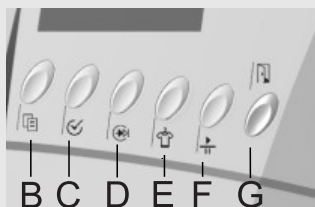
it had been interrupted.

Permanent suspension - change of program
By turning the program selector to the position "0" the program is permanently suspended. Consequently you may select a new program
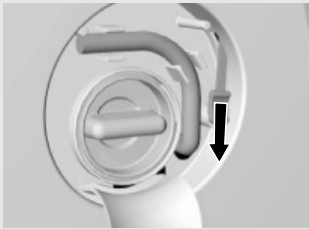(see Program selection).

• **Failures**
  Program is suspended in case a failure occurs. This is signalled by the relevant reading on the display and a sound signal (see cf. Troubleshooting).

• **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.**

After certain time you may open the door if the water level in the drum is low enough, otherwise you must fist empty the water (use additional program Pumping water out ⟨icon⟩ or Spin ⟨icon⟩.
MA (models with the door opening by pressing the G knob feature the function which enables you to open the door of the appliance during power failure using special lever, located adjacent to the filter.

Special functions
(certain models only)
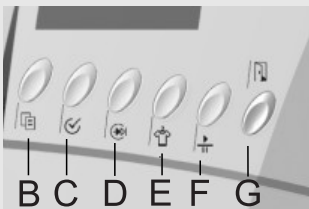
• **Setting the time of day**
- Press MENU (B) and QUICK knobs (D), and turn the program selector (A) to the first clockwise program. Display reads CLOCK and =00:00 (hh:mm) in the right corner.
- Hours start flashing; push the SELECTION knob (C) to set the time of day.
- Confirm setting by pushing the MENU knob (B).
- Now minutes start flashing; they are set the same way as hours.
- Confirm setting by pushing the MENU knob (B).
- Return the program selector back to "0" position. Set time is automatically saved.

• **Setting the Clean water sensor**
  In order for the Clean water sensor ⟨icon⟩ to start working properly, it must be first calibrated with water that the washing machine is connected to. This is performed in the following

manner:
- Press MENU (B) and Easy ironing knobs (E), and turn the program selector to the first clockwise program. Display reads SENSOR CALIBRATION.
- Start calibration by pushing the START knob (F). The machine performs calibration procedure automatically. During the process the reading SENSOR CALIBRATION is flashing. When the procedure is completed, the display reads END.
- Return the program selector (A) back to "0" position.

If you change the inlet water source during the use of your washing machine, or in case you think that water quality has changed, you may repeat the calibration procedure at any time. The machine will save the value of the last calibration.

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.
- For 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** on the last page.
- 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.
- If water hardness level exceeds 14°dH degrees, the use of water conditioner is required. 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.

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).
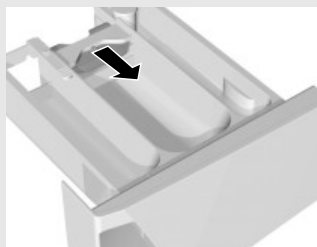
- If you do not apply the program which includes the pre-wash feature, you may add washing detergent directly into the drum.
- If you use thick liquid softener it is recommended to dilute it with water, to prevent clogging of dispenser compartment ducts.
- Washing machine is equipped with the dispenser partition gate, so you may pour liquid detergent also into the central compartment. 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.
- In models with the delayed start feature, add liquid detergent directly into the drum, in the attached vessel.
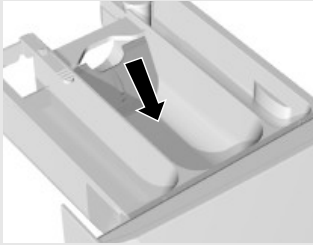
- Insert particularly delicate linen (stockings, delicate female underwear, etc.) into the special bag.
- High spin RPM leave less moisture in laundry which dries out much quicker in the tumble dryer, thereby saving energy.

⚠ **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.
- If necessary, clean the detergent dispenser. Pull it out from its casing completely by pressing the flap (see Fig.).
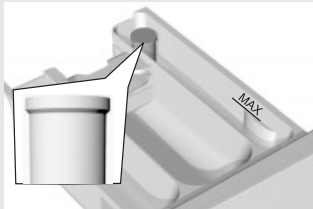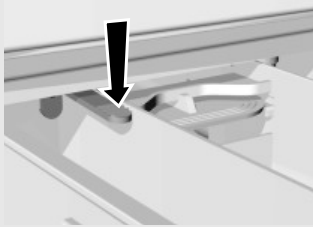
- If necessary, clean the cover of the bung under the running water.

- Wash it under running water using a brush, and dry it. Remove any leftover dried detergent from the bottom of the casing.
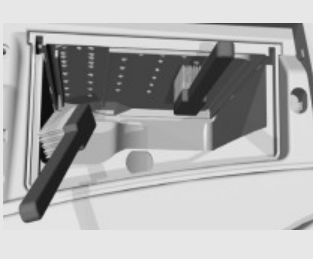
- Clean the entire rinsing area of the washing machine with a brush, especially the nozzles on the upper side of the rinsing chamber.

- Clean frequently the water inlet hose screen under running water.

- After each wash wipe the door rubber gasket. This will prolong its useful life.
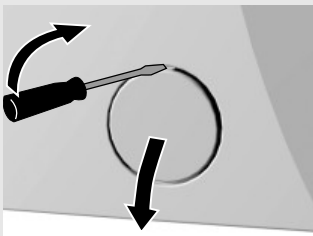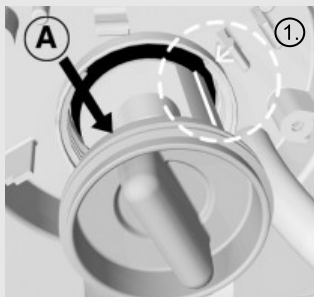
- Open the filter lid using flat screwdriver or similar tool.

- Filter needs occasional cleaning, especially following heavily shaggy or old laundry. Before cleaning, drain any water from the machine via drain pipe.
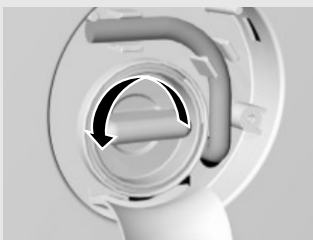
- Turn it anti-clockwise, pull it out and clean under running water.

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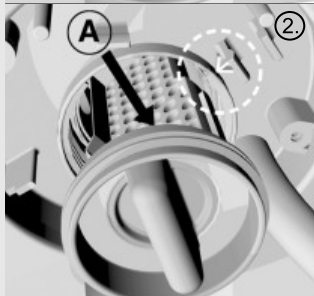
(depending on the model)

Failures

If the washing machine identifies failures in the operation, it reports it immediately. Sound alarm is heard and the display reads ERROR. Number identifies the type of failure.

In some cases you may attempt removing certain failures yourself (see the chart below), and the machine will continue to perform the operation after pressing the START knob (F). 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 (FAILURE 1).

⚠ **In case the machine signals faults you have to wait for at least 2 minutes before you can open the door of the washing machine.**

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 (display is not illuminated).	Machine is not powered.	Check if: • plug is in the socket, • there is power in the socket, • the fuse is OK.
Water does not enter 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.
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.
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.
Unpleasant smell in the washing machine drum.	Remains of fabrics, washing agent and softener in the filter.	Check whether the filter is clean.
Laundry is stained after washing.	You used liquid detergent or detergent for colored laundry which does not contain whitener. You selected inappropriate program.	Use the detergent containing whitener. Select the heavily soiled laundry program, or activate soaking function.
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. Inappropriately selected program.	• Immediately rinse the laundry once again. • Use liquid detergents which do not contain zeolites. • Try removing the residues with the brush. • Use program for heavily soiled laundry, or activate soaking function.
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 screen. • Wipe the dispenser prior loading detergent.

Failure	Possible cause	Remedy
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.
Washing time is longer than usual. Time indicated on the display is corrected during the washing cycle.	• 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. • Clean water sensor is engaged.	• 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. • Time is prolonged for extra rinses.
Washing program does not start. FAILURE 2	Door is not properly closed.	Push it towards the machine.
Water does not enter the machine. FAILURE 3	Disturbed water inlet.	Check if: • the water faucet is open, • inlet pipe net filter is clean. (Push the START button again).
Water is poorly pumped out or not at all (machine signals FAILURE 7).	Water outlet is clogged.	Check if: • the filter is clean, • outlet pipe is not jammed, • outlet pipe is positioned higher than 1 m. (Push START knob again).

* 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   *WA 73xxx,...*
(depending on the model)

Basic programs Type of laundry	Max. load (kg)	Temp. (°C)	Spin max. (RPM)	Water cons. L		Energy cons. kWh
				RPM		RPM
				800 - 900	1000 - 1700	800 - 1700
Cotton	7	95	1700	62	55	2,31/2,19**
Cotton	7	60		56	49	1,31/1,17**
Cotton heavy *	7	60		56	49	1,33/1,19**
Cotton	7	40		56	49	0,67
Synthetics	3,5	60	1000	46	46	0,97
Synthetics	3,5	40		43	43	0,56
Synthetics	3,5	30		43	43	0,36
Delicate	3	40	700	58	58	0,48
Delicate	3	30		58	58	0,39
Wool	2	40	800	42	42	0,32
Wool	2	30		42	42	0,20
Manual wash	1,5	30	400	50	50	0,25
Manual wash	1,5	❄		50	50	0,10
Jogging	3	40	1000	32	32	0,42
Mix	3,5	30		43	43	0,35
Partial programs						
Rinse	3,5		700	40		0,02
Softening	7		1000	18		0,02
Pumping water	7		-			
Spin	7		1700			0,03

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

** Depending on model.

Program chart - 6 kg

WA 63xxx,...
(depending on the model)

Basic programs Type of laundry	Max. load (kg)	Temp. (°C)	Spin max. (RPM)	Water cons. L		Energy cons. kWh
				RPM		RPM
				800 - 900	1000 - 1700	800 - 1700
Cotton	6	95	1700	58	51	2,10/2,05**
Cotton	6	60		52	45	1,12/1,00**
Cotton heavy *	6	60		52	45	1,14/1,02**
Cotton	6	40		52	45	0,66/0,64**
Synthetics	3	60	1000	43	43	0,93/0,91**
Synthetics	3	40		40	40	0,52/0,50**
Synthetics	3	30		40	40	0,33/0,31**
Delicate	2,5	40	700	55	55	0,45/0,43**
Delicate	2,5	30		55	55	0,36/0,34**
Wool	2	40	800	42	42	0,32/0,30**
Wool	2	30		42	42	0,20/0,18**
Manual wash	1,5	30	400	50	50	0,25/0,23**
Manual wash	1,5	❄		50	50	0,10
Jogging	3	40	1000	32	32	0,42
Mix	3	30		40	40	0,32
Partial programs						
Rinse	3		700	40		0,02
Softening	6		1000	16		0,02
Pumping water	6		-			
Spin	6		1700			0,03

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

** Depending on model.

Program chart - 6/7 kg

WA 64xxx, WA 74xxx,...
(depending on the model)

Basic programs					Water cons. L		Energy cons. kWh	
					RPM		RPM	
	Max. load	Temp. (°C)	Spin max. (RPM)		1200 - 1800		1200 - 1800	
Type of laundry	kg				6kg	7kg	6kg	7kg
Cotton	6	7	95		48	53	2,10/2,05**	2,19
Cotton	6	7	60	1800	45	49	1,12/1,00/**	1,17
Cotton heavy *	6	7	60		39	45	1,14/1,02**	1,19
Cotton	6	7	40		45	49	0,64	0,67
Synthetics	3	3,5	60		40	43	0,91	0,97
Synthetics	3	3,5	40	1000	40	43	0,50	0,56
Synthetics	3	3,5	30		40	43	0,31	0,36
Delicate	2,5	3	40	700	55	58	0,43	0,48
Delicate	2,5	3	30		55	58	0,34	0,39
Wool	2	2	40	800	42	42	0,30	0,32
Wool	2	2	30		42	42	0,18	0,18
Manual wash	1,5	1,5	30	400	50	50	0,23	0,25
Manual wash	1,5	1,5	❄		50	50	0,10	0,10
Jogging	3	3	40	1000	32	32	0,40	0,42
Mix	3	3,5	30		40	43	0,30	0,35
Partial programs								
Rinse	3	3,5		700	40	40	0,02	
Softening	6	7		1000	16	18	0,02	
Pumping water	6	7		-				
Spin	6	7		1800			0,03	

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

** Depending on model.

141576

Program chart - 4,5 kg

Basic programs / Type of laundry	Max. load (kg)	Temp. (°C)	Spin max. (RPM)	Water cons. L — RPM 800 - 900	Water cons. L — RPM 1000 - 1400	Energy cons. kWh
Cotton	4,5	95	1400	47	40	1,80
Cotton	4,5	60	1400	44	37	0,82
Cotton heavy *	4,5	60	1400	44	37	0,85
Cotton	4,5	40	1400	44	37	0,51
Synthetics	2	60	1000	29	29	0,61
Synthetics	2	40	1000	29	29	0,34
Synthetics	2	30	1000	29	29	0,18
Delicate	1,5	40	700	38	38	0,20
Delicate	1,5	30	700	38	38	0,15
Wool	1	40	800	32	32	0,25
Wool	1	30	800	32	32	0,15
Manual wash	1	30	400	45	45	0,20
Manual wash	1	❄	400	45	45	0,10
Jogging	2	40	1000	20	20	0,31
Mix	2	30	1000	35	35	0,25
Partial programs						
Rinse	1,5		700	30		0,02
Softening	4,5		1000	10		0,02
Pumping water	4,5		-	-		
Spin	4,5		1400	-		0,03

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

Program chart/Additional functions

Program / Basic programs	Short program ⟨⚘⟩	Easy iron ⟨⟩	Spin speed ⟨⟩ / Rinse hold ⟨⟩	Extra rinse ⟨⟩ / clean water sensor ⟨⟩	Higher water level ⟨⟩	Pre-wash ⟨⟩	Soaking ⟨⟩	Cold wash
Cotton	●	●	●/●	●/●	●	●	●	●
Cotton heavy			●/●	●/●	●	●	●	
Synthetics	●	●	●/●	●/●	●	●	●	●
Delicate	●		●/●	-/●	●	●	●	●
Wool	●		●/●		●			●
Manual wash	●		●/●		●			
Jogging		●	●/●	-/●				
Mix	●	●	●/●	●/●	●	●	●	
Partial programs								
Rinse			●/-					
Softening			●/-					
Pumping water								
Spin			●/-					

● possibility

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Maintenance chart

Normal wash / Delicate wash	Max. washing temp. 95°C	Max. washing temp. 60°C	Max. washing temp. 40°C	Max. washing temp. 30°C	Manual washing	Washing not allowed
Whitening	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	Dry cleaning in all solvents (A)		Perchlorin- etyhlene R11, R113, Kerosene (P)	Dry cleaning in kerosene, in pure alcohol and in R 113 (F)		Dry cleaning not allowed
Drying	Place on flat surface	Hang wet	Hang	High temperature / Low temperature		Tumble drying not allowed