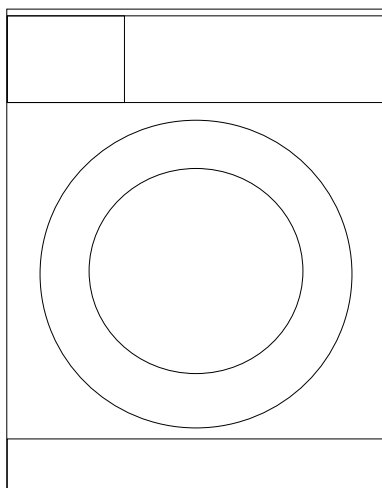


WASHING MACHINE

USER'S MANUAL

GWN 48430 CW



AUS GUTEM GRUND

GRUNDIG

Please read this user manual first!





Dear Customer,

Thank you for preferring a Grundig product. We hope that you get the best results from your product which has been manufactured with high quality and state-of-the-art technology. Therefore, please read this entire user manual and all other accompanying documents carefully before using the product and keep it as a reference for future use. If you handover the product to someone else, give the user manual as well. Follow all warnings and information in the user manual.

Remember that this user manual is also applicable for several other models. Differences between models will be identified in the manual.

Explanation of symbols

Throughout this user manual the following symbols are used:

	Important information or useful hints about usage.
	Warning for hazardous situations with regard to life and property.
	Warning for electric shock.
	Packaging materials of the product are manufactured from recyclable materials in accordance with our National Environment Regulations.

Do not dispose of the packaging materials together with the domestic or other wastes. Take them to the packaging material collection points designated by the local authorities.



"The wool wash cycle of this machine has been approved by The Woolmark Company for the washing of machine washable wool products provided that the products are washed according to the instructions on the garment label and those issued by the manufacturer of this washing machine. M0000."
"In UK, Eire, Hong Kong and India the Woolmark trade mark is a Certification trade mark."



Allergy UK is the operational name of **The British Allergy Foundation**. The Seal of Approval endorsement, which indicates that the product bearing it specifically restricts / reduces / removes allergens from the environment of the allergy sufferer or has significantly reduced allergen content, was created in order to provide guidance for people seeking advice in this issue. It is aimed to assure people that products had been scientifically tested or reviewed with measurable results.

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1 Important instructions for safety and environment

This section contains safety instructions that will help protect from risk of personal injury or property damage. Failure to follow these instructions shall void any warranty.

1.1 General safety

- This product can be used by children at and above **8** years old and by persons whose physical, sensory or mental capabilities are not fully developed or who lack experience and knowledge provided that they are supervised or trained on the safe usage of the product and the risks it brings out. Children must not play with the product. Cleaning and maintenance works should not be performed by children unless they are supervised by someone.
- Never place the product on a carpet-covered floor. Otherwise, lack of airflow beneath the machine will cause electrical parts to overheat. This will cause problems with your product.
- Always have the installation and repairing procedures carried out by the **Authorised Service Agent**. Manufacturer shall not be held liable for damages that may arise from procedures carried out by unauthorised persons.

1.1.1 Electrical safety

- If the product has a failure, it should not be operated unless it is repaired by the Authorised Service Agent. There is the risk of electric shock!
- This product is designed to resume operating in the event of powering on after a power interruption. If you wish to cancel the programme, see "Cancelling the programme" section.

Important instructions for safety and environment

- Connect the product to a grounded outlet protected by a 13 A fuse. Have the grounding installation made by a qualified electrician. Our company shall not be liable for any damages that will arise when the product is used without grounding in accordance with the local regulations.
- Unplug the product when not in use.
- Never wash the product by spreading or pouring water onto it! There is the risk of electric shock!
- Never touch the plug with wet hands! Never unplug by pulling on the cable, always pull out by grabbing the plug.
- Unplug the product during installation, maintenance, cleaning and repairing procedures.
- If the power cable is damaged, it must be replaced by the manufacturer, after sales service or a similarly qualified person (preferably an electrician) or someone designated by the importer in order to avoid possible risks.

1.1.2 Product safety

- The water supply and draining hoses must be securely fastened and remain undamaged. Otherwise, there is the risk of water leakage.
- Never open the loading door or remove the filter while there is still water in the drum. Otherwise, risk of flooding and injury from hot water will occur.
- Do not force open the locked loading door. The loading door will be ready to open just a few minutes after the washing cycle comes to an end. In case of forcing the loading door to open, the door and the lock mechanism may get damaged.

Important instructions for safety and environment


- Use detergents, softeners and supplements suitable for automatic washing machines only.
- Follow the instructions on the textile tags and on the detergent package.
- Place the product on a rigid, flat and level surface.
- Do not place it on a long-pile rug or similar surfaces.
- Do not place the product on a high platform or near the edge on a cascaded surface.
- Do not place the product on the power cable.
- Never use sponge or scrub materials. These will damage the painted, chrome plated and plastic surfaces.

1.2 Intended use

- This product has been designed for domestic use. It is not suitable for commercial use and it must not be used for anything other than its intended use.
- Use the product only for washing and rinsing of textile products that are marked accordingly.
- The manufacturer waives any responsibility arisen from incorrect usage or transportation.

1.3 Children's safety


- Packaging materials are dangerous to children. Keep packaging materials in a safe place away from reach of the children.
- Electrical products are dangerous to children. Keep children away from the product when it is in use. Do not let them to tamper with the product. Use child lock to prevent children from intervening with the product.
- Do not forget to close the loading door when leaving the room where the product is located.
- Store all detergents and additives in a safe place away from the reach of the children by closing the cover of the detergent container or sealing the detergent package.

	<p>While washing the laundry at high temperatures, the loading door glass becomes hot. Therefore, keep children away from the loading door of the machine while the washing operation is in progress.</p>
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1.4 Compliance with the WEEE Directive



This product complies with EU WEEE Directive (2012/19/EU). This product bears a classification symbol for waste electrical and electronic equipment (WEEE).

 This product has been manufactured with high quality parts and materials which can be reused and are suitable for recycling. Do not dispose of the waste product with normal domestic and other wastes at the end of its service life. Take it to the collection center for the recycling of electrical and electronic equipment. Please consult your local authorities to learn about these collection centers.

Compliance with RoHS Directive:

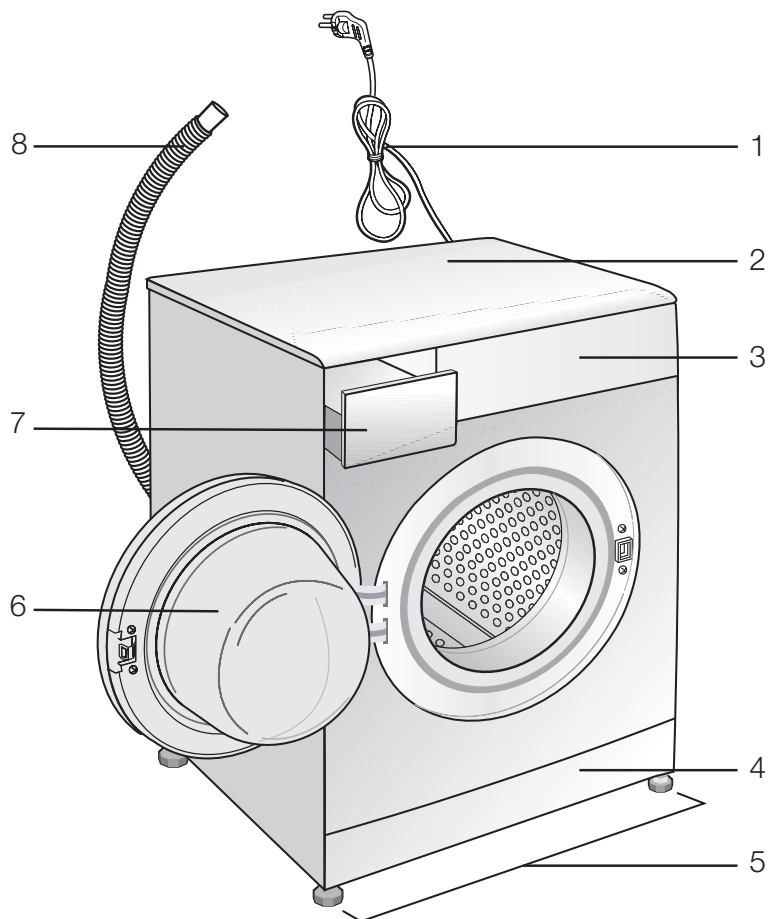
The product you have purchased complies with EU RoHS Directive (2011/65/EU). It does not contain harmful and prohibited materials specified in the Directive.

1.5 Package information

- Packaging materials of the product are manufactured from recyclable materials in accordance with our National Environment Regulations. Do not dispose of the packaging materials together with the domestic or other wastes. Take them to the packaging material collection points designated by the local authorities.

2 Your washing machine

2.1 Overview

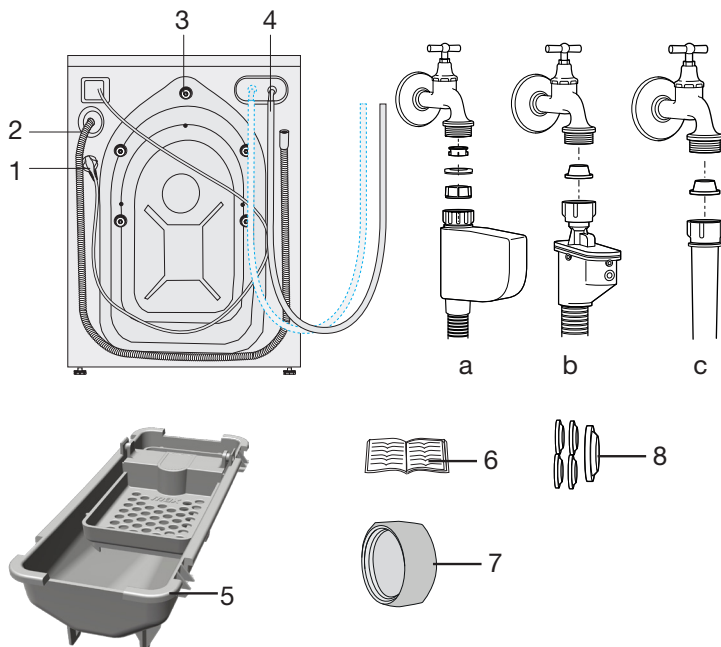


- 1- Power cable
- 2- Top panel
- 3- Control panel
- 4- Filter cap

- 5- Adjustable feet
- 6- Loading door
- 7- Detergent drawer
- 8- Drain hose

Your washing machine

2.2 Package Contents



- 1- Power cable
- 2- Drain hose
- 3- Transportation safety bolts *
- 4- Mains water inlet hose (One of the following filter types is used for the mains hose connection.)
 - a- Electronic water shut-off
 - b- Mechanical water shut-off
 - c- Standard

5- Liquid detergent container**

6- User Manual

7- Blind plug***

8- Plastic plug group


* Number of transportation safety bolts may change depending on the model of your machine.

** This may be supplied with the machine depending on the model of your machine.

*** This is supplied if your machine is equipped with double water inlet.

Your washing machine

2.3 Technical specifications

Models (EN)	GWN48430CW
Maximum dry laundry capacity (kg)	8
Height (cm)	84
Width (cm)	60
Depth (cm)	61
Net weight (± 4 kg.)	75
Electrical input (V/Hz)	230 V / 50Hz
Total current (A)	10
Total power (W)	2200
Spin speed (rpm/ min., max.)	1400
Stand-by mode power (W)	0.64
Off-mode power (W)	0.44
Main model code	978
Single Water inlet / Double Water inlet	• / -
 WOOLMARK APPAREL CARE	Woolmark No: M1389

- Available



Technical specifications may be changed without prior notice to improve the quality of the product.







Figures in this manual are schematic and may not match the product exactly.



Values stated on the product labels or in the documentation accompanying it are obtained in laboratory conditions in accordance with the relevant standards. Depending on operational and environmental conditions of the product, these values may vary.

3 Installation

Refer to the nearest Authorised Service Agent for installation of the product. To make the product ready for use, review the information in the user manual and make sure that the electricity, tap water supply and water drainage systems are appropriate before calling the Authorised Service Agent. If they are not, call a qualified technician and plumber to have any necessary arrangements carried out.

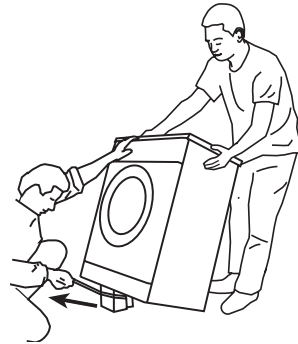
	Preparation of the location and electrical, tap water and waste water installations at the place of installation is under customer's responsibility.
	WARNING: Manufacturer shall not be held liable for damages that may arise from procedures carried out by unauthorised persons.
	WARNING: Prior to installation, visually check if the product has any defects on it. If so, do not have it installed. Damaged products cause risks for your safety.
	Make sure that the water inlet and discharge hoses as well as the power cable are not folded, pinched or crushed while pushing the product into its place after installation or cleaning procedures.

3.1 Appropriate installation location

- Place the machine on a rigid floor. Do not place it on a long pile rug or similar surfaces.
- Total weight of the washing machine and the dryer -with full load- when they are placed on top of each other reaches to approx. 180 kilograms. Place the product on a solid and flat floor that has sufficient load carrying capacity!
- Do not place the product on the power cable.
- Do not install the product at places where temperature may fall below 0°C.
- Place the product at least 1 cm away from the edges of other furniture.

3.2 Removing packaging reinforcement

Tilt the machine backwards to remove the packaging reinforcement. Remove the packaging reinforcement by pulling the ribbon.



3.3 Removing the transportation locks

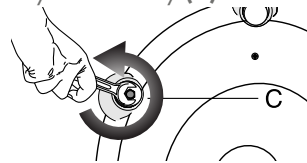


WARNING: Do not remove the transportation locks before taking out the packaging reinforcement.

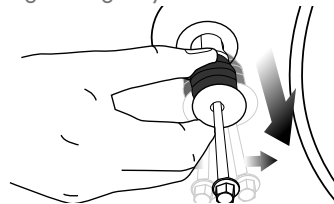


WARNING: Remove the transportation safety bolts before operating the washing machine! Otherwise, the product will be damaged.

- Loosen all the bolts with a suitable spanner until they rotate freely (C).

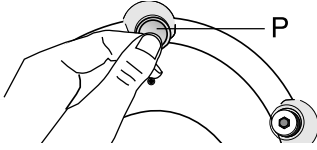


- Remove transportation safety bolts by turning them gently.



Installation

- . Attach the plastic covers supplied in the User Manual bag into the holes on the rear panel. **(P)**



Keep the transportation safety bolts in a safe place to reuse when the washing machine needs to be moved again in the future.



Never move the product without the transportation safety bolts properly fixed in place!

3.4 Connecting water supply



The water supply pressure required to run the product is between 1 to 10 bars (0.1 – 1 MPa). It is necessary to have 10 – 80 liters of water flowing from the fully open tap in one minute to have your machine run smoothly. Attach a pressure reducing valve if water pressure is higher.



If you are going to use the double water-inlet product as a single **(cold)** water-inlet unit, you must install the supplied stopper to the hot water valve before operating the product. (Applies for the products supplied with a blind stopper group.)

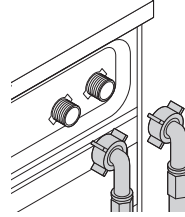


WARNING: Models with a single water inlet should not be connected to the hot water tap. In such a case the laundry will get damaged or the product will switch to protection mode and will not operate.



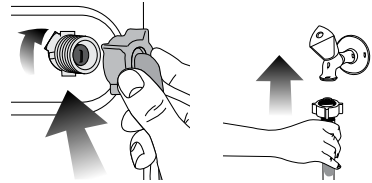
WARNING: Do not use old or used water inlet hoses on the new product. It may cause stains on your laundry.

- . Connect the special hoses supplied with the product to the water inlets on the product. Red hose (left) (max. 90 °C) is for hot water inlet, blue hose (right) (max. 25 °C) is for cold water inlet.



WARNING: Ensure that the cold and hot water connections are made correctly when installing the product. Otherwise, your laundry will come out hot at the end of the washing process and wear out.

- . Tighten all hose nuts by hand. Never use a tool when tightening the nuts.



- . Open the taps completely after making the hose connection to check for water leaks at the connection points. If any leaks occur, turn off the tap and remove the nut. Retighten the nut carefully after checking the seal. To prevent water leakages and damages caused by them, keep the taps closed when the machine is not in use.

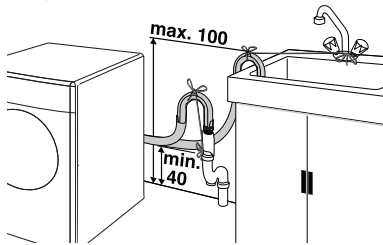
3.5 Connecting to the drain

- The end of the drain hose must be directly connected to the wastewater drain or to the washbasin.
- Drain hose shall be attached to a wall drain, stand pipe or sink siphon connected to the foul water drain, do not connect to surface water drains.



WARNING: Your house will be flooded if the hose comes out of its housing during water discharge. Moreover, there is risk of scalding due to high washing temperatures! To prevent such situations and to ensure smooth water intake and discharge of the machine, fix the end of the discharge hose tightly so that it cannot come out.

- The hose should be attached to a height of at least 40 cm, and 100 cm at most.
- In case the hose is elevated after laying it on the floor level or close to the ground (less than 40 cm above the ground), water discharge becomes more difficult and the laundry may come out excessively wet. Therefore, follow the heights described in the figure.

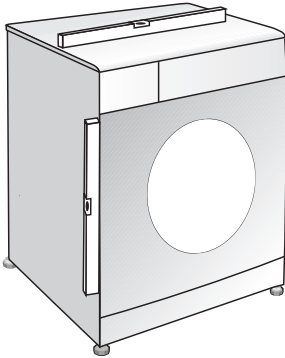


- To prevent flowing of dirty water back into the machine and to allow for easy discharge, do not immerse the hose end into the dirty water or do not drive it in the drain more than 15 cm. If it is too long, cut it short.
- The end of the hose should not be bent, it should not be stepped on and the hose must not be pinched between the drain and the machine.
- If the length of the hose is too short, use it by adding an original extension hose. Length of the hose may not be longer than 3.2 m. To avoid water leak failures, the connection between the extension hose and the drain hose of the product must be fitted well with an appropriate clamp as not to come off and leak.

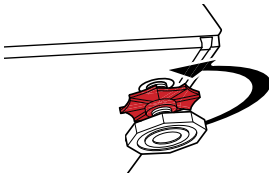
3.6 Adjusting the feet



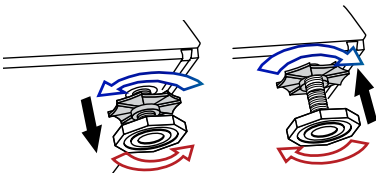
WARNING: In order to ensure that the product operates more silently and vibration-free, it must stand level and balanced on its feet. Balance the machine by adjusting the feet. Otherwise, the product may move from its place and cause crushing and vibration problems.



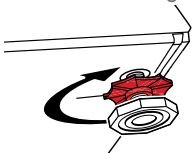
- . Loosen the lock nuts on the feet by hand.



- . Adjust the feet until the product stands level and balanced.



- . Tighten all lock nuts again by hand.



WARNING: Do not use any tools to loosen the lock nuts. Otherwise, they will get damaged.

3.7 Electrical connection

Connect the product to a grounded outlet protected by a 13 A fuse. Our company shall not be liable for any damages that will arise when the product is used without grounding in accordance with the local regulations.

- Connection must comply with national regulations.
- Power cable plug must be within easy reach after installation.
- If the current value of the fuse or breaker in the house is less than 13 Amps, have a qualified electrician install a 13 Amp fuse.
- The voltage specified in the "Technical specifications" section must be equal to your mains voltage.
- Do not make connections via extension cables or multi-plugs.



WARNING: Damaged power cables must be replaced by the Authorised Service Agents.

Electrical requirements

Before you insert the plug into the wall socket make sure that the voltage and the frequency shown in the rating label corresponds to your electricity supply.

We recommend that this appliance be connected to the mains supply via a suitable switched and fused socket in a readily accessible position.

Should the mains lead of the appliance become damaged or need replacing at any time, it must be replaced by a special purpose made mains lead which can only be obtained from a Authorised Service Agent.



WARNING: This appliance must be earthed

If the fitted moulded plug is not suitable for your socket, then the plug should be cut off and an appropriate plug fitted.

Destroy the old plug, which is cut off as a plug with a bared cord could cause a shock hazard if inserted into a socket elsewhere in the house.

Installation

The moulded plug on this appliance incorporates a 13A fuse. Should the fuse need to be replaced an ASTA approved BS1362 fuse of the same rating must be used. Do not forget to refit the fuse cover. In the event of losing the fuse cover, the plug must not be used until a replacement fuse cover has been fitted. Colour of the replacement fuse cover must be the same colour as that visible on the pin face of the plug. Fuse covers are available from any good electrical store.

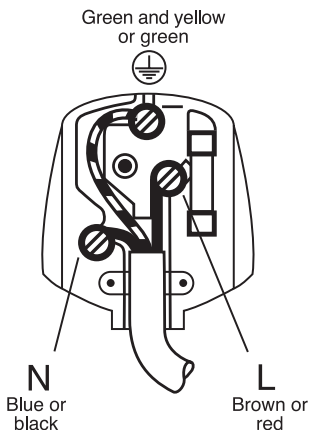
Important

Fitting a different plug

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals on your plug, proceed as follows:

- Connect the green - yellow or green (earth) wire to the terminal in the plug marked 'E' or with the symbol \perp or coloured green and yellow or green.
- Connect the blue (neutral) wire to the terminal in the plug marked 'N' or coloured black.
- Connect the brown (live) wire to the terminal in the plug marked 'L' or coloured red.

With the alternative plugs a 13A fuse must be fitted either in the plug or adaptor or in the main fuse box. If in doubt contact a qualified electrician.



Transportation of the product

- . Unplug the product before transporting it.
- . Remove water drain and water supply connections.
- . Drain all water that has remained in the product. See 7.5
- . Install transportation safety bolts in the reverse order of removal procedure; see 3.3.



Never move the product without the transportation safety bolts properly fixed in place!












































WARNING: Packaging materials are dangerous to children. Keep packaging materials in a safe place away from reach of the children.

4 Preparation

4.1 Sorting the laundry

- Sort laundry according to type of fabric, colour, and degree of soiling and allowable water temperature.
- Always obey the instructions given on the garment tags.

LAUNDRY WASH SYMBOLS											
 WASH	Machine Wash Symbols										
	Water Temperatures	Maximum	95°C	70°C	60°C	50°C	40°C	30°C			
	Symbol(s)										
 DRYING	Drying Symbols										
	Drying Settings										
		At any temperature	At high temperature	At medium temperature	At low temperature	Without heating	Hang to dry	Lay to dry	Hang wet to dry	Lay in shadow to dry	Dry-cleanable
 IRON	Iron -										
	Dry or Steam			Iron at high temperature	Iron at medium temperature	Iron at low temperature	Do not iron		Iron without steam		
	Maximum temperature			200 °C	150 °C	110 °C					
 BLEACH	 All bleaches are allowed			 Bleach (sodium hypochlorite) can be used		 Bleach is not allowed		 Only bleaches without chlorine are allowed			

4.2 Preparing laundry for washing

- Laundry items with metal attachments such as, underwired bras, belt buckles or metal buttons will damage the machine. Remove the metal pieces or wash the clothes by putting them in a laundry bag or pillow case.
- Take out all items in the pockets such as coins, pens and paper clips, and turn pockets inside out and brush. Such objects may damage the product or cause noise problem.
- Put small size clothes such as infant's socks and nylon stockings in a laundry bag or pillow case.
- Place curtains in without compressing them. Remove curtain attachment items.
- Fasten zippers, sew loose buttons and mend rips and tears.
- Wash "machine washable" or "hand washable" labelled products only with an appropriate programme.
- Do not wash colours and whites together. New, dark coloured cottons release a lot of dye. Wash them separately.
- Tough stains must be treated properly before washing. If unsure, check with a dry cleaner.
- Use only dyes/colour changers and limescale removers suitable for machine wash. Always follow the instructions on the package.
- Wash trousers and delicate laundry turned inside out.
- Keep laundry items made of Angora wool in the freezer for a few hours before washing. This will reduce pilling.
- Laundry that are subjected to materials such as flour, lime dust, milk powder, etc. intensely must be shaken off before placing into the machine. Such dusts and powders on the laundry may build up on the inner parts of the machine in time and can cause damage.

4.3 Things to be done for energy saving

Following information will help you use the product in an ecological and energy-efficient manner.

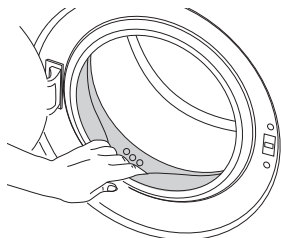
- Operate the product in the highest capacity allowed by the programme you have selected, but do not overload; see, "Programme and consumption table".
- Always follow the instructions on the detergent packaging.
- Wash slightly soiled laundry at low temperatures.
- Use faster programmes for small quantities of lightly soiled laundry.
- Do not use prewash and high temperatures for laundry that is not heavily soiled or stained.
- If you plan to dry your laundry in a dryer, select the highest spin speed recommended during washing process.
- Do not use detergent in excess of the amount recommended on the detergent package.

Preparation

4.4 Initial use

Before starting to use the product, make sure that all preparations are completed in accordance with the instructions in sections "Important safety and environment instructions" and "Installation".

To prepare the product for washing laundry, perform first operation in Drum Cleaning programme. If your machine is not featured with this programme, apply the method described in 7.2.



Use an anti-limescale suitable for the washing machines.



Some water might have remained in the product due to the quality control processes in the production. It is not harmful for the product.

4.5 Correct load capacity

The maximum load capacity depends on the type of laundry, the degree of soiling and the washing programme desired.

The machine automatically adjusts the amount of water according to the weight of the loaded laundry.



WARNING: Follow the information in the "Programme and consumption table". When overloaded, machine's washing performance will drop. Moreover, noise and vibration problems may occur.

Laundry type	Weight (g)
Bathrobe	1200
Napkin	100
Duvet cover	700
Bed Sheet	500
Pillowcase	200
Tablecloth	250
Towel	200
Hand towel	100
Evening gown	200
Underclothing	100
Men's overalls	600
Men's shirt	200
Men's pyjamas	500
Blouses	100

4.6 Loading the laundry

- Open the loading door.
- Place laundry items loosely into the machine.
- Push the loading door to close until you hear a locking sound. Ensure that no items are caught in the door.



The loading door is locked while a programme is running. The door can only be opened a while after the programme comes to an end.



WARNING: In case of misplacing the laundry, noise and vibration problems may occur in the machine.

4.7 Using detergent and softener

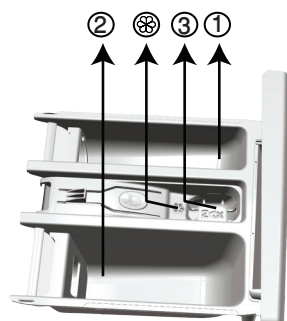


When using detergent, softener, starch, fabric dye, bleach or limescale remover, read the manufacturer's instructions on the package carefully and follow the suggested dosage values. Use measuring cup if available.

Detergent Drawer

The detergent drawer is composed of three compartments:

- (1) for prewash
- (2) for main wash
- (3) for softener
- (*) in addition, there is siphon piece in the softener compartment.



Detergent, softener and other cleaning agents

- Add detergent and softener before starting the washing programme.
- Never leave the detergent drawer open while the washing programme is running!
- When using a programme without prewash, do not put any detergent into the prewash compartment (compartment nr. "1").
- In a programme with prewash, do not put liquid detergent into the prewash compartment (compartment nr. "1").
- Do not select a programme with prewash if you are using a detergent bag or dispensing ball. Place the detergent bag or the dispensing ball directly among the laundry in the machine.

- If you are using liquid detergent, do not forget to place the liquid detergent cup into the main wash compartment (compartment nr. "2").

Choosing the detergent type

The type of detergent to be used depends on the type and colour of the fabric.

- Use different detergents for coloured and white laundry.
- Wash your delicate clothes only with special detergents (liquid detergent, wool shampoo, etc.) used solely for delicate clothes.
- When washing dark coloured clothes and quilts, it is recommended to use liquid detergent.
- Wash woollens with special detergent made specifically for woollens.



WARNING: Use only detergents manufactured specifically for washing machines.



WARNING: Do not use soap powder.

Adjusting detergent amount

The amount of washing detergent to be used depends on the amount of laundry, the degree of soiling and water hardness.

- Do not use amounts exceeding the dosage quantities recommended on the detergent package to avoid problems of excessive foam, poor rinsing, financial savings and finally, environmental protection.
- Use lesser detergent for small amounts or lightly soiled clothes.

Using softeners

Pour the softener into the softener compartment of the detergent drawer.

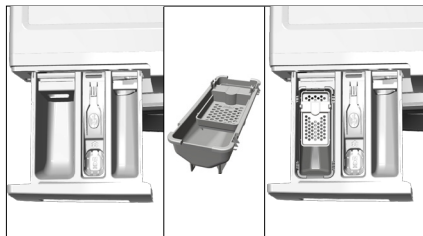
- Do not exceed the (>max<) level marking in the softener compartment.
- If the softener has lost its fluidity, dilute it with water before putting it in the detergent drawer.

Preparation

Using liquid detergents

If the product contains a liquid detergent cup:

- Place the liquid detergent cup in compartment nr. "2".
- If the liquid detergent has lost its fluidity, dilute it with water before putting in the detergent cup.



If the product does not contain a liquid detergent cup:

- Do not use liquid detergent for the prewash in a programme with prewash.
- Liquid detergent stains your clothes when used with Delayed Start function. If you are going to use the Delayed Start function, do not use liquid detergent.

Using gel and tablet detergent

- If the gel detergent thickness is fluidal and your machine does not contain a special liquid detergent cup, put the gel detergent into the main wash detergent compartment during first water intake. If your machine contains a liquid detergent cup, fill the detergent into this cup before starting the programme.
- If the gel detergent thickness is not fluidal or in the shape of capsule liquid tablet, put it directly into the drum before washing.
- Put tablet detergents into the main wash compartment (compartment nr. "2") or directly into the drum before washing.



Tablet detergents may leave residues in the detergent compartment. If you encounter such a case, place the tablet detergent between the laundry, close to the lower part of the drum in future washings.



Use the tablet or gel detergent without selecting the prewash function.

Using starch

- Add liquid starch, powder starch or the fabric dye into the softener compartment.
- Do not use softener and starch together in a washing cycle.
- Wipe the inside of the machine with a damp and clean cloth after using starch.

Using bleaches

- Select a programme with prewash and add the bleaching agent at the beginning of the prewash. Do not put detergent in the prewash compartment. As an alternative application, select a programme with extra rinse and add the bleaching agent while the machine is taking water from the detergent compartment during first rinsing step.
- Do not use bleaching agent and detergent by mixing them.

Preparation

- Use just a little amount (approx. 50 ml) of bleaching agent and rinse the clothes very well as it causes skin irritation. Do not pour the bleaching agent onto the clothes and do not use it for coloured clothes.
- When using oxygen based bleaches, select a programme that washes at a lower temperature.
- Oxygen based bleaches can be used together with detergents; however, if its thickness is not the same with the detergent, put the detergent first into the compartment nr. "2" in the detergent drawer and wait until the detergent flows while the machine is taking in water. Add the bleaching agent from the same compartment while the machine is still taking in water.

Using limescale remover

- When required, use limescale removers manufactured specifically for washing machines only.

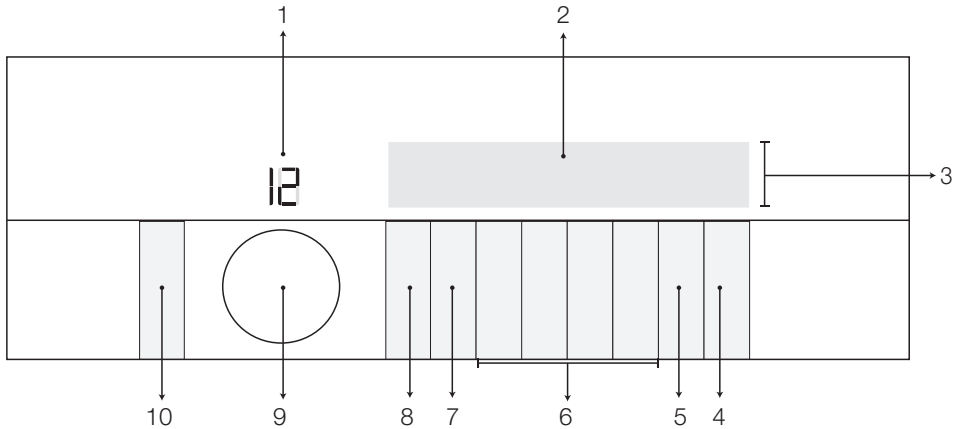
Preparation

4.8 Tips for efficient washing

		Clothes			
		Light colours and whites	Colours	Dark colours	Delicates/ Woollen/Silks
		(Recommended temperature range based on soiling level: 40-90 °C)	(Recommended temperature range based on soiling level: cold -40 °C)	(Recommended temperature range based on soiling level: cold -40 °C)	(Recommended temperature range based on soiling level: cold -30 °C)
Soiling Level	Heavily Soiled (difficult stains such as grass, coffee, fruits and blood.)	It may be necessary to pre-treat the stains or perform prewash. Powder and liquid detergents recommended for whites can be used at dosages recommended for heavily soiled clothes. It is recommended to use powder detergents to clean clay and soil stains and the stains that are sensitive to bleaches.	Powder and liquid detergents recommended for colours can be used at dosages recommended for heavily soiled clothes. It is recommended to use powder detergents to clean clay and soil stains and the stains that are sensitive to bleaches. Use detergents without bleach.	Liquid detergents suitable for colours and dark colours can be used at dosages recommended for heavily soiled clothes.	Prefer liquid detergents produced for delicate clothes. Woollen and silk clothes must be washed with special woollen detergents.
	Normally Soiled (For example, stains caused by body on collars and cuffs)	Powder and liquid detergents recommended for whites can be used at dosages recommended for normally soiled clothes.	Powder and liquid detergents recommended for colours can be used at dosages recommended for normally soiled clothes. Use detergents without bleach.	Liquid detergents suitable for colours and dark colours can be used at dosages recommended for normally soiled clothes.	Prefer liquid detergents produced for delicate clothes. Woollen and silk clothes must be washed with special woollen detergents.
	Lightly Soiled (No visible stains exist.)	Powder and liquid detergents recommended for whites can be used at dosages recommended for lightly soiled clothes.	Powder and liquid detergents recommended for colours can be used at dosages recommended for lightly soiled clothes. Use detergents without bleach.	Liquid detergents suitable for colours and dark colours can be used at dosages recommended for lightly soiled clothes.	Prefer liquid detergents produced for delicate clothes. Woollen and silk clothes must be washed with special woollen detergents.

5 Operating the product

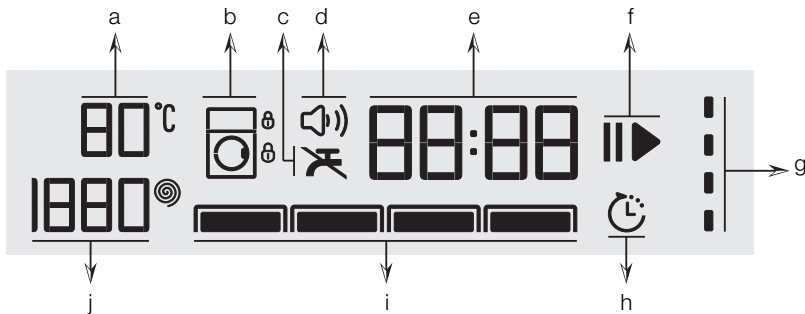
5.1 Control panel



- 1 - Programme Selection display
- 2 - Display
- 3 - Programme Follow-up indicator
- 4 - Start / Pause button
- 5 - End Time Adjustment button

- 6 - Auxiliary Function buttons
- 7 - Spin Speed Adjustment button
- 8 - Temperature Adjustment button
- 9 - Programme Selection knob
- 10 - On / Off button

5.2 Display symbols



- a - Temperature indicator
- b - Lock indicator
- c - No Water indicator
- d - Audio Warning indicator
- e - Duration Information Line

- f - Start / Pause indicator
- g - Programme Follow-up indicator
- h - End Time indicator
- i - Auxiliary Function indicators
- j - Spin speed indicator

Operating the product

5.3 Preparing the machine

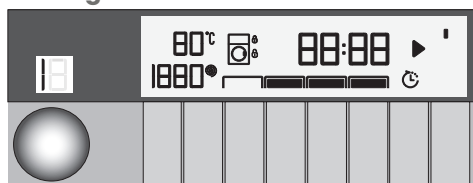
- Check if the hoses are connected tightly.
- Plug in your machine.
- Turn the tap on completely.
- Place the laundry in the machine.
- Add detergent and fabric softener.




5.4 Programme selection

- Select the programme suitable for the type, quantity and soiling level of the laundry in accordance with the "Programme and consumption table" and the temperature table below.

90 °C	Heavily soiled white cottons and linens. (coffee table covers, tablecloths, towels, bed sheets, etc.)
60 °C	Normally soiled, coloured, fade proof linens, cottons or synthetic clothes (shirt, nightgown, pajamas, etc.) and lightly soiled white linens (underwear, etc.)
40 °C- 30 °C- Cold	Blended laundry including delicate textile (veil curtains, etc.), synthetics and woollens.

- Select the desired programme with the **Programme Selection** knob.



	Programmes are limited with the highest spin speed appropriate for that particular type of fabric.
	When selecting a programme, always consider the type of fabric, colour, degree of soiling and permissible water temperature.
	Always select the lowest required temperature. Higher temperature means higher power consumption.

5.5 Main programmes

Depending on the type of fabric, use the following main programmes.

• Cotton

Use this programme for your cotton laundry (such as bed sheets, duvet and pillowcase sets, towels, bathrobes, underwear, etc.). Your laundry will be washed with vigorous washing action for a longer washing cycle.

• Synthetics

Use this programme to wash your synthetic clothes (shirts, blouses, synthetic/cotton blends, etc.). It washes with a gentle action and has a shorter washing cycle compared to the Cotton programme.

For curtains and tulle, use the Synthetic 40 °C programme with prewash and anti-creasing functions selected. As their meshed texture causes excessive foaming, wash the veils/tulle by putting little amount of detergent into the main wash compartment. Do not put detergent in the prewash compartment.

• WoolProtect

Use this programme to wash your woollen clothes. Select the appropriate temperature complying with the tags of your clothes. Use appropriate detergents for woollens.



"The wool wash cycle of this machine has been approved by The Woolmark Company for the washing of machine washable wool products provided that the products are washed according to the instructions on the garment label and those issued by the manufacturer of this washing machine. M0000."
"In UK, Eire, Hong Kong and India the Woolmark trade mark is a Certification trade mark."

Operating the product

• Sensewash

Use this to wash your frequently washable cotton, synthetic or blended (cotton+synthetic) clothes. Programme detects the type and quantity of the laundry to automatically adjust water consumption and programme time.



WARNING: Do not wash your woollen and delicate clothes in this programme.
If the temperature shown in the temperature indicator is not suitable for the garment, then select an appropriate temperature value.

The maximum washing temperature in Automatic programme depending on the soiling level and laundry type is 60°C. Washing performance may not be at the desired level for heavily soiled whites and stubborn stains (collar, sock soil, perspiration stain, etc.). In this case, it is recommended to select Cottons programme with prewash and to set the temperature to 50-60°C. Many types of clothing are correctly detected and safely washed in the Automatic programme.

Operating the product

Suitable clothes and the appropriate Automatic programme settings for washing them are shown in the table below.

Type of laundry	Laundry content	Selectable temperature levels	Max. laundry amount
Home textiles (duvet cover, bed sheet, pillowcase, coverlet, towel, bathrobe, table cloth, hand cloth, napkin, couch cover, beach towel, etc.).	Cotton, lycra	Cold - 60 °C	Full capacity
Underwear (undershirts, panties/slips, boxers, etc.), socks, pajamas	Cotton, lycra	Cold - 60 °C	Full capacity
Shirts	Cotton, polyester, linen	Cold - 60 °C	1/2 capacity
Knitted garments* (T-shirt, body, dress, lingerie, tights)	Cotton, polyamide (nylon), polyester, lycra	Cold - 40 °C	1/2 capacity
Sportswear (Sweatshirt, track suit, shorts, etc.)	Cotton, polyamide (nylon), polyester, microfiber, lycra	Cold - 40 °C	1/2 capacity
Jeans (trousers, jackets, vests, etc.)	Cotton, lycra	Cold - 40 °C	1/2 capacity
Corduroy and canvas clothes (trousers, shirts, etc.)	Cotton, lycra	Cold - 40 °C	1/2 capacity
Dark coloured clothes	Cotton, polyester, polyamide (nylon)	Cold - 40 °C	1/2 capacity

* Knitted clothes can easily shrink or stretch, crooked or pilled due to their elastic fabrics. Deformations on knitted fabrics are related with the quality of the cloth, and do not arise from washing programmes (Automatic or other washing programmes). Use "Sportswear" washing programme for knitted clothes.

Following table includes cloth types to be washed gently and some washing programmes suitable for some special clothes.

Special laundry type	Laundry content	Recommended washing programme
Blouse, dress, skirt, foulard	Viscose, modal, rayon, tencel, lyocell, angora	Hand Wash
Knitted, dress	Wool, acrylic	Woollens
Pullover, cardigan, vest, scarf, beret, socks, etc.	Wool, acrylic, cashmere	Woollens
Blouse, dress, scarf, foulard	Silk, cashmere	Lingerie
Satin lingerie, lace clothing, bra	Silk, polyester, polyamide	Lingerie
Fabric trousers, skirt, dress	Polyester	Hand Wash
Featured sportswear (water and windproof clothes)	Polyester, polyamide	Sportswear
Tulle curtain	Polyester, polyamide	Curtain
Fiber duvet	Fiber	Bedding
Heavily soiled clothes (aprons, children's wear)	Cotton, polyester	Hygiene + Prewash (with high temperature selection)
Baby dresses	Cottons	Hygiene

5.6 Additional programmes

For special cases, additional programmes are available in the machine.

• GentleCare

Use this programme to wash cotton garments in a more effective and more gentle way.

• Cotton Eco

Use this programme to wash your normally soiled, durable cotton and linen laundry. Although it washes longer than all other programmes, it provides high energy and water savings. Actual water temperature may be different from the stated wash temperature. When you load the machine with less laundry (e.g. 1/2 capacity or less), programme time may automatically get shorter. In this case, energy and water consumption will decrease more, providing a more economic wash. This programme is available in the models with the remaining time indicator.

• Anti-Allergy

Use this programme for your laundry for which you require an anti-allergic and hygienic washing at high temperature with intensive and long washing cycles.

Babyprotect+ 60°C programme is tested and approved by "The British Allergy Foundation" (Allergy UK) in United Kingdom.

• Hand Wash

Use this programme to wash your woollen/delicate clothes that bear "not machine-washable" tags and for which hand wash is recommended. It washes laundry with a very gentle washing action as not to damage clothes.

• Mini 14

Use this programme to wash your lightly soiled cotton laundry in a short time.

• DarkCare

Use this programme to wash your dark coloured laundry or the laundry that you do not want it get faded. Washing is performed with little mechanic action and at low temperatures. It is recommended to use liquid

detergent or woollen shampoo for dark coloured laundry.

• QuickWash 40° / 40'

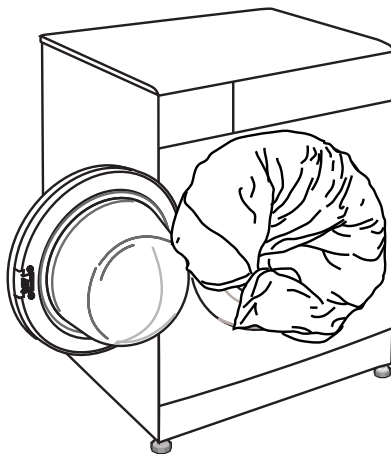
Use this programme to wash lightly soiled and unspotted cotton clothes in a short time.

• Shirts

Use this programme to wash the cotton, synthetic and synthetic blended shirts together.

• Bedding

Use this programme to wash your fiber duvets that bear "machine washable" tag. Make sure that you have loaded the duvet correctly in order not to damage the machine and the duvet. Remove the duvet cover before loading the duvet into the machine. Fold the duvet into two and load it into the machine. Load the duvet into the machine paying attention to place it in a way that it will not contact the bellow.



Do not load more than 1 double fibre duvet (200 x 200 cm).



Do not wash your duvets, pillows and etc. that contain cotton in the machine.

Operating the product



WARNING: Do not wash the items apart from duvets such as carpets, rugs and etc. in the machine. Permanent damage occurs in the machine.

• MachineCare

Use this programme regularly (once in every 1-2 months) to clean the drum and provide the required hygiene. Run the programme without any laundry in the machine. To obtain better results, put powder limescale remover for washing machines into the detergent compartment "2". When the programme is over, leave the loading door ajar so that the inside of the machine gets dry.



This is not a washing programme. It is a maintenance programme.



Do not run the programme when there is something in the machine. If you try to do so, the machine detects that there is a load inside and aborts the programme.

5.7 Special programmes

For specific applications, select any of the following programmes.

• Rinsing

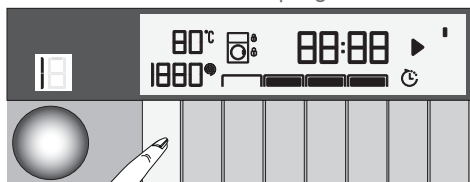
Use this programme when you want to rinse or starch separately.

• Spin+Pump

Use this programme to drain the water in the machine.

5.8 Temperature selection

Whenever a new programme is selected, the recommended temperature for the programme appears on the temperature indicator. It is possible that the recommended temperature value is not the maximum temperature that can be selected for the current programme.

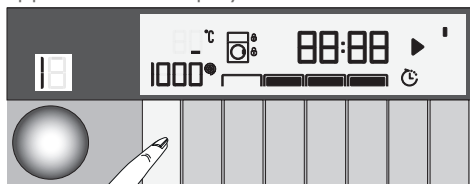


Press the **Temperature Adjustment** button to change the temperature. Temperature will decrease by steps of 10 °C.



Temperature Adjustment button functions only in the temperature decrement direction.

Finally, "-" symbol indicating the cold option appears on the display.



No modification can be made in the programmes that do not allow temperature adjustment.

You can also change the temperature after the washing starts. If washing steps are appropriate then modification can be made. If washing steps are not appropriate then no modification can be made.



If you scroll to cold wash option and press Temperature Adjustment button again, the recommended maximum temperature for the selected programme appears on the display. Press the Temperature Adjustment button again to decrease the temperature.

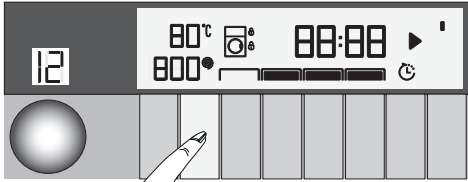
Operating the product

5.9 Selecting the spin speed

Whenever a new programme is selected, the recommended spin speed of the selected programme is displayed on the **Spin Speed** indicator.



It is possible that the recommended spin speed value is not the maximum spin speed that can be selected for the current programme.



Press the **Spin Speed Adjustment** button to change the spin speed. Spin speed decreases gradually.

Then, depending on the model of the product, "Rinse Hold" and "No Spin" options appear on the display.



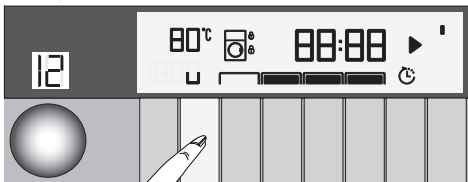
Spin speed adjustment button functions only in the spin speed decrement direction.



Rinse Hold option is indicated with "i_" symbol and No Spin option is indicated with "_" symbol.

If you are not going to unload your laundry immediately after the programme completes, you can use **Rinse Hold** function in order to prevent them from getting wrinkled when there is no water in the machine.

This function holds the laundry in the final rinsing water.

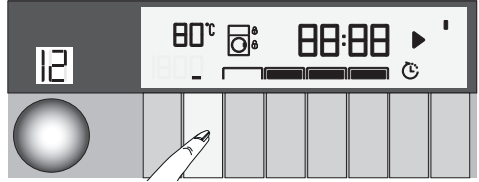


If you want to spin your laundry after the Rinse Hold function:

- Adjust the **Spin Speed**.

- Press **Start / Pause** button. The programme resumes. Machine discharges the water and spins the laundry.

If you want to discharge the water at the end of the programme without spinning, use **No Spin** function.



No modification can be made in the programmes that do not allow spin speed adjustment.

Spin Speed can be changed after the washing starts if the washing steps are suitable. If washing steps are not appropriate then no modification can be made.

Operating the product

5.10 Programme and consumption table

EN						Auxiliary functions						Selectable temperature range °C
Programme (°C)		Max. Load (kg)	Water Consumption (l)	Energy Consumption (kWh)	Max. Speed***	Prewash	Express	Extra Rinse	Anti-Creasing	Rinse Hold	Silent Mode	
Sensewash	40	8	****	****	1600	•	•	•	•	•	•	Cold-60
Cotton Eco	60**	8	50	0.92	1600							Cold-60
Cotton Eco	60**	4	43	0.81	1600							Cold-60
Cotton Eco	40**	4	43	0.81	1600							Cold-60
Cotton	90	8	70	2.03	1600	•	•	•	•	•	•	Cold-90
Cotton	60	8	70	1.60	1600	•	•	•	•	•	•	Cold-90
Cotton	40	8	70	1.00	1600	•	•	•	•	•	•	Cold-90
Synthetics	60	4	62	1.13	1200	•	•	•	•	•	•	Cold-60
Synthetics	40	4	62	0.75	1200	•	•	•	•	•	•	Cold-60
WoolProtect	40	2	45	0.35	1000		•	•		•	•	Cold-40
Hand Wash	30	1.5	40	0.22	1000		•					Cold-30
Mini 14	30	2	34	0.81	1400			•		•	•	Cold-30
QuickWash 40° / 40'	40	8	55	0.65	1400					•		Cold-40
Anti-Allergy	90	8	100	2.25	1600			*				30-90
Bedding	40	-	67	0.82	1000		•	•		•	•	Cold-60
DarkCare	40	4	80	0.90	1000	•		*	•	•	•	Cold-40
MachineCare	70	-	110	2.60	700			*				70
Shirts	60	4	85	1.29	800	•	•	•	*	•	•	Cold-60
GentleCare	40	2	45	0.35	1000		•	•		•	•	Cold-40

• : Selectable.

* : Automatically selected, no canceling.





** : Energy Label programme (EN 60456 Ed.3)

*** : If maximum spin speed of the machine is lower then this value, you can only select up to the maximum spin speed.

**** : Programme detects the type and quantity of the laundry to automatically adjust water and energy consumption and programme time.

- : See the programme description for maximum load.

Operating the product

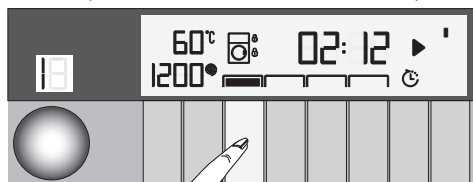
	** "Cotton eco 40°C and Cotton eco 60°C are standard programmes." These programmes are known as '40°C cotton standard programme' and '60°C cotton standard programme' and shown on the panel with symbols.
	The auxiliary functions in the table may vary according to the model of your machine.
	Water and power consumption may vary subject to the changes in water pressure, water hardness and temperature, ambient temperature, type and amount of laundry, selection of auxiliary functions and spin speed, and changes in electric voltage.
	<p>You can see the washing time of the programme you have selected on the display of the machine. It is normal that small differences may occur between the time shown on the display and the real washing time.</p> <p>"Selectability of auxiliary functions might be changed by the manufacturer. New selectabilities might be added or existing ones might be removed."</p> <p>"The spin speed of your machine may vary among the programmes, however this speed cannot exceed the max. spin speed of your machine."</p>

Indicative values for Synthetics programmes						
	Load (kg)	Water Consumption (l)	Energy Consumption (kWh)	Programme Duration (min) *	Remaining Moisture Content (%) ** ≤ 1000	Remaining Moisture Content (%) ** ≥ 1100
Synthetics 60	4	62	1.13	02:15	45	40
Synthetics 40	4	62	0.75	01:36	45	40
* You can see the washing time of the programme you have selected on the display of the machine. It is normal that small differences may occur between the time shown on the display and the real washing time.						
** Remaining moisture content values may differ according to the selected spin speed.						

Operating the product

5.11 Auxiliary function selection

Select the desired auxiliary functions before starting the programme. Whenever a programme is selected, frames of the auxiliary function symbols that can be selected together with it illuminate. When an auxiliary function is selected, the inner section will illuminate, as.



Frame of the auxiliary function symbol that cannot be selected with the current programme will not illuminate.

Also the frames of the auxiliary function suitable for the current programme after the washing has started remain illuminated. You can select or cancel the auxiliary functions whose frames are illuminated. If the wash cycle has reached a point where you cannot select the auxiliary function, the function's frame goes off.



Some functions cannot be selected together. If a second auxiliary function conflicting with the first one is selected before starting the machine, the function selected first will be canceled and the second auxiliary function selection will remain active. For example, if you want to select Quick Wash after you have selected the Extra Rinse, Extra Rinse will be canceled and Quick Wash will remain active.



An auxiliary function that is not compatible with the programme cannot be selected. (See "Programme and consumption table")



Some programmes have auxiliary functions that must be operated simultaneously. Those functions cannot be cancelled. The frame of the auxiliary function will not be illuminated, only inner area will be illuminated.

• Express

This function can be used in Cottons and Synthetics programmes. It decreases the washing times and also the number of rinsing steps for lightly soiled laundry.



When you select this function, load your machine with half of the maximum laundry specified in the programme table.

• Extra Rinse

This function enables the machine to make another rinsing in addition to the one already made after the main wash. Thus, the risk for sensitive skins (babies, allergic skins, etc.) to be effected by the minimal detergent remnants on the laundry can be reduced.

• Rinse Hold

If you are not going to unload your clothes immediately after the programme completes, you may use rinse hold function to keep your laundry in the final rinsing water in order to prevent them from getting wrinkled when there is no water in the machine. Press Start / Pause / Cancel button after this process if you want to drain the water without spinning your laundry. Programme will resume and complete after draining the water.

If you want to spin the laundry held in water, adjust the Spin Speed and press Start / Pause / Cancel button.

The programme resumes. Water is drained, laundry is spun and the programme is completed.

• Silent Mode

If you are running the programme at night on special tariffs you may use the silent mode. Spin steps are cancelled for a silent washing and the cycle ends with the Rinse Hold step. After completion of the programme, run Spin cycle to spin the laundry.

• Prewash

A Prewash is only worthwhile for heavily soiled laundry. Not using the Prewash will save energy, water, detergent and time.

Operating the product

Time display

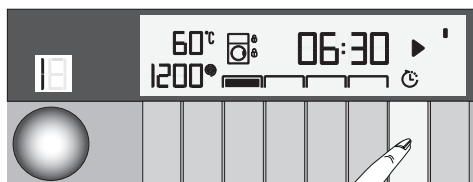
Remaining time for the completion of the programme while it is running is displayed as "01:30" in hours and minutes format.



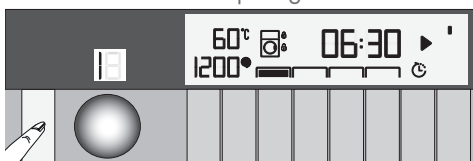
Programme time may differ from the values in the "Programme and consumption table" depending on the water pressure, water hardness and temperature, ambient temperature, amount and the type of laundry, auxiliary functions selected and the changes at the mains voltage.

5.12 End Time

With the **End Time** function, the startup of the programme may be delayed up to 24 hours. After pressing **End Time** button, the displayed time is the programme's estimated end time. If the **End Time** is adjusted, **End Time** indicator is illuminated.



In order for the End Time function is activated and the programme is completed at the end of the specified time, you must press **Start / Pause** button after adjusting the time.



If you want to cancel the End Time function; restart the machine by pushing the **Turn On / Off** button.



Do not use liquid detergents when you activate End Time function! There is the risk of staining of the clothes.

- Open the loading door, place the laundry and put detergent, etc.
- Select the washing programme, temperature, spin speed and, if required, the auxiliary functions.
- Set the end time of your choice by pressing the **End Time** button. **End Time** indicator illuminates.
- Press **Start / Pause** button. Time countdown starts. ":" sign in the middle of the end time on the display starts flashing.



Additional laundry may be loaded during the End Time

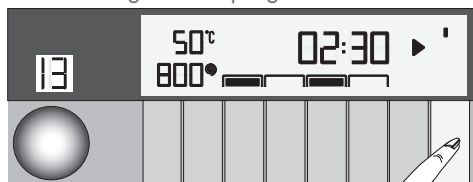
countdown period. At the end of the countdown, End Time indicator turns off, washing cycle starts and the time of the selected programme appears on the display.



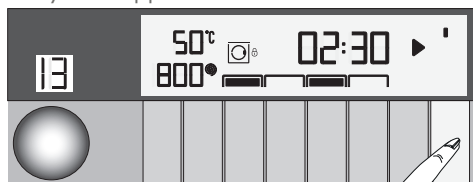
When the End Time selection is done, the time appearing on the screen consists of end time plus the duration of the selected programme.

5.13 Starting the programme

- Press **Start / Pause** button to start the programme.
- The **Start / Pause** button which was dimmed starts to illuminate steadily now, indicating that the programme has started.



- Loading door is locked. Door locked symbol appears after it is locked.



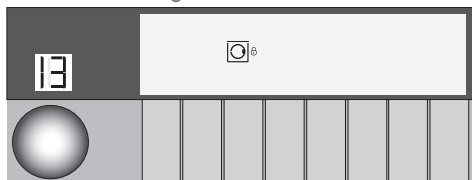
- Current programme step is indicated by the programme follow-up indicator LEDs on the display.

Operating the product

5.14 Loading door lock

There is a locking system on the loading door of the machine that prevents opening of the door in cases when the water level is unsuitable.

"Door Locked" symbol is lit on the display when the loading door is locked.



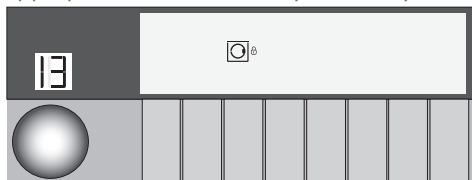
5.15 Changing the selections after programme has started

Adding laundry after the programme has started:

When the **Start / Pause** button is pressed, if the water level inside the machine is appropriate, the door symbol flashes on the display until it is opened and dims when the door is opened.

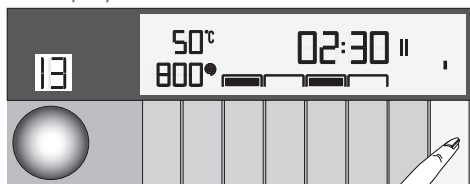


When **Start / Pause** button is pressed, if the water level inside the machine is not appropriate, then the door symbols stays on.



Switching the machine to pause mode:

Press **Start / Pause** button to pause the machine, a wait symbol will start flashing on the display.



Changing the programme selection after programme has started:

The programme change is not allowed when the current programme is running.

You can select the new programme after switching the current programme to standby.



The selected program starts anew.

Changing the auxiliary function, speed and temperature

Depending on the step the programme has reached, you can cancel or activate the auxiliary functions; see, "Auxiliary function selection".

You can also change the speed and temperature settings; see, "Spin speed selection" and "Temperature selection".



The loading door will not open if the water temperature in the machine is high or the water level is above the door opening.

5.16 Child Lock

Use Child Lock function to prevent children from tampering with the machine. Thus you can avoid any changes in a running programme.



You can switch on and off the machine with **On / Off** button when the Child Lock is active. When you switch on the machine again, programme will resume from where it has stopped.



If you press any button when the Child Lock is activated, the machine will give an audio warning. No audible warning will be made when the buttons are pressed 5 times in a row.

To activate the Child Lock:

Press and hold **1st Auxiliary Function** button for 3 seconds. After the countdown as "**CL 3-2-1**" on the display is over "Child Lock Enabled" appears on the display. You can release the **1st Auxiliary Function** button when this warning is displayed.

To deactivate the Child Lock:

Press and hold **1st Auxiliary Function** button for 3 seconds. After the countdown as "**CL 3-2-1**" on the display is over "Child Lock Enabled" symbol turns off.

5.17 Cancelling the programme

The programme is cancelled when the machine is turned off and on again. Press and hold **On / Off** button for 3 seconds. After the countdown as "3-2-1" on the display is over, the machine turns off.



If you press **On / Off** button when the Child Lock is enabled, the programme will not be cancelled. You should cancel the Child Lock first.



If you want to open the loading door after you have cancelled the programme but it is not possible to open the loading door since the water level in the machine is above the loading door opening, then turn the **Programme Selection** knob to **Pump+Spin** programme and discharge the water in the machine.

5.18 End of programme

When the programme completes, End symbol will be displayed.

If you do not press any button for 10 minutes, the machine will switch to OFF mode. Display and all indicators are turned off.

When you press On/Off button, the completed programme steps will be displayed.

5.19 Setting VOLUME level

Low volume and high volume

To adjust the volume level keep the 2nd auxiliary function button pressed for 3 seconds. After the countdown as "3-2-1" on the display is over, volume level symbol will be lit and the new volume level will be shown.

5.20 Your machine is equipped with a "Standby Mode"

In case of not starting any programme or waiting without making any other operation when the machine is turned on by On/Off button and while it is in selection step or if no other operation is performed approximately 2 minutes after the programme you selected has come to an end, your machine will automatically switch to energy saving mode. Brightness of indicator lights will decrease. Also, if your product is equipped with a display showing the programme duration, this display will completely turn off. In case of rotating the Programme Selection knob or pressing any button, lights and display will restore to their previous condition. Your selections made while exiting the energy saving mode may change. Check the appropriateness of your selections before starting the programme. Readjust if necessary. This is not a fault.

6.1 Preparing the machine

- Check if the hoses are connected tightly.
- Plug in your machine.
- Turn the tap on completely.
- Place the laundry in the machine.
- Add detergent and fabric softener.

6.2 Programme selection

- Select the programme suitable for the type, quantity and soiling level of the laundry in accordance with the "Programme and consumption table" and the temperature table.

6.3 Auxiliary function selection

Select the desired auxiliary functions before starting the programme. Whenever a programme is selected, frames of the auxiliary function symbols that can be selected together with it illuminate. When an auxiliary function is selected, the inner section will illuminate, as well.

6.4 Starting the programme

- Press **Start / Pause** button to start the programme.
- The **Start / Pause** button which was dimmed starts to illuminate steadily now, indicating that the programme has started.
- Loading door is locked. Door locked symbol appears after it is locked.
- Current programme step is indicated by the programme follow-up indicator LEDs on the display.

6.5 End of programme

When the programme completes, End symbol will be displayed.

If you do not press any button for 10 minutes, the machine will switch to OFF mode. Display and all indicators are turned off.

When you press On/Off button, the completed programme steps will be displayed.

6.6 Cancelling the programme

The programme is cancelled when the machine is turned off and on again. Press and hold **On / Off** button for 3 seconds. After the countdown as "3-2-1" on the display is over, the machine turns off.

6.7 Child Lock

Use Child Lock function to prevent children from tampering with the machine. Thus you can avoid any changes in a running programme.



You can switch on and off the machine with **On / Off** button when the Child Lock is active. When you switch on the machine again, programme will resume from where it has stopped.



If you press any button when the Child Lock is activated, the machine will give on audio warning. No audible warning will be made when the buttons are pressed 5 times in a row.

To activate the Child Lock:

Press and hold **1st auxiliary function** button for 3 seconds. After the countdown as "CL 3-2-1" on the display is over "Child Lock Enabled" appears on the display. You can release the **1st Auxiliary Function** button when this warning is displayed.

To deactivate the Child Lock:

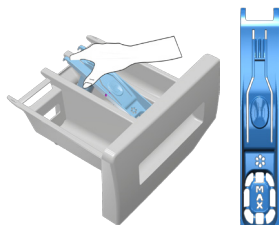
Press and hold **1st auxiliary function** button for 3 seconds. After the countdown as "CL 3-2-1" on the display is over "Child Lock Enabled" symbol turns off.

7 Maintenance and cleaning

Service life of the product extends and frequently faced problems decrease if cleaned at regular intervals.

7.1 Cleaning the detergent drawer

Clean the detergent drawer at regular intervals (every 4-5 washing cycles) as shown below in order to prevent accumulation of powder detergent in time.



Lift the rear part of the siphon to remove it as illustrated.

- Press the dotted point on the siphon in the softener compartment and pull towards you until the compartment is removed from the machine.



If more than normal amount of water and softener mixture starts to gather in the softener compartment, clean the siphon.

- Wash the detergent drawer and the siphon with plenty of lukewarm water in a washbasin. Wear protective gloves or use an appropriate brush to avoid touching of the residues in the drawer with your skin when cleaning.
- After cleaning, seat the siphon well in its place and insert the drawer back.

7.2 Cleaning the loading door and the drum

Residues of softener, detergent and dirt may accumulate in your machine in time and may cause unpleasant odours and washing complaints. To avoid this, use the **Drum Cleaning** programme. If your machine is not featured with **Drum Cleaning** programme, use **Cottons-90** programme and select **Additional Water** or **Extra Rinse** auxiliary functions as well. Run the programme without any laundry in the machine. Before starting the programme, put a tea cup of (max. 100 g) of powder anti-limescale into the main wash detergent compartment (compartment nr. "2"). If the anti-limescale is in tablet form, put only one tablet into compartment nr. 2. Dry the inside of the bellow with a clean piece of cloth after the programme has come to an end.

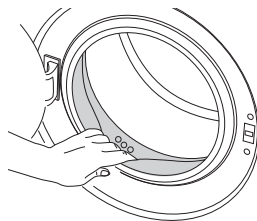


Repeat Drum Cleaning process in every 2 months.



Use an anti-limescale suitable for the washing machines.

After every washing check that no foreign substance is left in the drum.



If the holes on the bellow shown in the figure is blocked, open the holes using a toothpick.



Foreign metal substances will cause rust stains in the drum. Clean the stains on the drum surface by using cleaning agents for stainless steel. Never use steel wool or wire wool.



WARNING: Never use sponge or scrub materials. These will damage the painted, chrome plated and plastic surfaces.

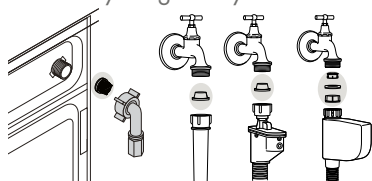
7.3 Cleaning the body and control panel

Wipe the body of the machine with soapy water or non-corrosive mild gel detergents as necessary, and dry with a soft cloth.

Use only a soft and damp cloth to clean the control panel.

7.4 Cleaning the water intake filters

There is a filter at the end of each water intake valve at the rear of the machine and also at the end of each water intake hose where they are connected to the tap. These filters prevent foreign substances and dirt in the water to enter the washing machine. Filters should be cleaned as they do get dirty.



- Close the taps.
- Remove the nuts of the water intake hoses to access the filters on the water intake valves. Clean them with an appropriate brush. If the filters are too dirty, take them out by means of pliers and clean them.
- Take out the filters on the flat ends of the water intake hoses together with the gaskets and clean thoroughly under running water.
- Replace the gaskets and filters carefully in their places and tighten the hose nuts by

hand.

7.5 Draining remaining water and cleaning the pump filter

The filter system in your machine prevents solid items such as buttons, coins and fabric fibers clogging the pump impeller during discharge of washing water. Thus, the water will be discharged without any problem and the service life of the pump will extend.

If the machine fails to drain water, the pump filter is clogged. Filter must be cleaned whenever it is clogged or in every 3 months. Water must be drained off first to clean the pump filter.

In addition, prior to transporting the machine (e.g., when moving to another house) and in case of freezing of the water, water may have to be drained completely.



WARNING: Foreign substances left in the pump filter may damage your machine or may cause noise problem.



WARNING: If the product is not in use, turn the tap off, detach the supply hose and drain the water inside the machine against any freezing possibility in the region of installation.



WARNING: After each use close the supply hose tap of the product.

In order to clean the dirty filter and discharge the water:

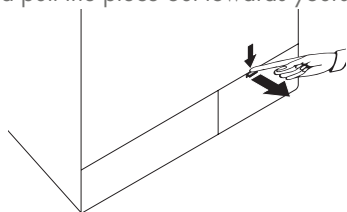
- Unplug the machine to cut off the supply power.

Maintenance and cleaning

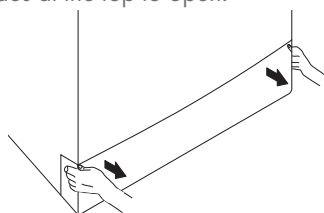


WARNING: Temperature of the water inside the machine may rise up to 90 °C. To avoid burning risk, clean the filter after the water in the machine cools down.

- Open the filter cap.
- If the filter cap is composed of two pieces, press the tab on the filter cap downwards and pull the piece out towards yourself.



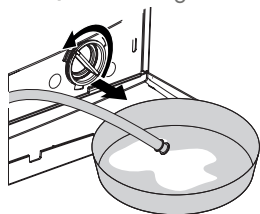
If the filter cap is one piece, pull the cap from both sides at the top to open.



You can remove the filter cover by slightly pushing downwards with a thin plastic tipped tool, through the gap above the filter cover. Do not use metal tipped tools to remove the cover.

- Some of our products have emergency draining hose and some does not have. Follow the steps below to discharge the water.

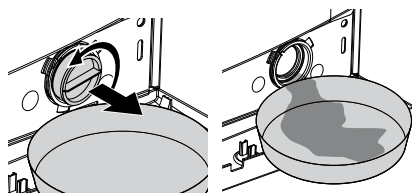
If the product has an emergency draining hose, to discharge the water:



- Pull the emergency draining hose out from its seat

- Place a large container at the end of the hose. Drain the water into the container by pulling out the plug at the end of the hose. When the container is full, block the inlet of the hose by replacing the plug. After the container is emptied, repeat the above procedure to drain the water in the machine completely.
- When draining of water is finished, close the end by the plug again and fix the hose in its place.
- Turn the pump filter to take it out.

If the product does not have an emergency draining hose, to discharge the water:



- Place a large container in front of the filter to catch water from the filter.
- Loosen pump filter (anticlockwise) until water starts to flow. Fill the flowing water into the container you have placed in front of the filter. Always keep a piece of cloth handy to absorb any spilled water.
- When the water inside the machine is finished, take out the filter completely by turning it.
- Clean any residues inside the filter as well as fibers, if any, around the pump impeller region.
- Install the filter.
- If the filter cap is composed of two pieces, close the filter cap by pressing on the tab. If it is one piece, seat the tabs in the lower part into their places first, and then press the upper part to close.

8 Troubleshooting

Programme cannot be started or selected.

- Washing machine has switched to self protection mode due to a supply problem (line voltage, water pressure, etc.). >>> *Press and hold Start / Pause button for 3 seconds to reset the machine to factory settings. (See "Cancelling the programme")*

Water in the machine.

- Some water might have remained in the product due to the quality control processes in the production. >>> *This is not a failure; water is not harmful to the machine.*

There is water leaking from the bottom of the machine.

- Likely problems with hoses or the pump filter. >>> *Be sure the seals of the water inlet hoses are securely fitted. Attach the hose to the tap tightly.*
- Pump filter might not be closed fully. >>> *Check if the pump filter is completely closed.*

Machine does not fill with water.

- Tap is turned off. >>> *Open the taps.*
- Water inlet hose is bent. >>> *Correct the hose.*
- Water inlet filter is clogged. >>> *Clean the filter.*
- The loading door is ajar. >>> *Close the loading door.*

Machine does not drain water.

- Water drain hose might be clogged or twisted. >>> *Clean or flatten the hose.*
- Pump filter is clogged. >>> *Clean the pump filter.*

Machine vibrates or makes noise.

- Machine might be standing unbalanced. >>> *Adjust the feet to level the machine.*
- A hard substance might have entered into the pump filter. >>> *Clean the pump filter.*
- Transportation safety bolts are not removed. >>> *Remove the transportation safety bolts.*
- Laundry quantity in the machine might be too little. >>> *Add more laundry to the machine.*
- Machine might be overloaded with laundry. >>> *Take out some of the laundry from the machine or distribute the load by hand to balance it homogeneously in the machine.*
- Machine might be leaning on a rigid item. >>> *Check if the machine is not leaning on anything.*

Machine stopped shortly after the programme started.

- Machine might have stopped temporarily due to low voltage. >>> *It will resume running when the voltage restores to the normal level.*

Machine directly discharges the water it takes in.

- Draining hose might not be at adequate height. >>> *Connect the water draining hose as described in the operation manual.*

No water can be seen in the machine during washing.

- The water level is not visible from outside of the washing machine. This is not a failure.

Loading door cannot be opened.

- Door lock is activated because of the water level in the machine. >>> *Drain the water by running the Pump or Spin programme.*
- Machine is heating up the water or it is at the spinning cycle. >>> *Wait until the programme completes.*
- Child lock is engaged. Door lock will be deactivated a couple of minutes after the programme has come to an end. >>> *Wait for a couple of minutes for deactivation of the door lock.*

Troubleshooting

Washing takes longer than the specified in the manual.(*)

- Water pressure is low. >>> Machine waits until taking in adequate amount of water to prevent poor washing quality due to the decreased amount of water. Therefore, the washing time extends.
- Voltage might be low. >>> Washing time is prolonged to avoid poor washing results when the supply voltage is low.
- Input temperature of water might be low. >>> Required time to heat up the water extends in cold seasons. Also, washing time can be lengthened to avoid poor washing results.
- Number of rinses and/or amount of rinse water might have increased. >>> Machine increases the amount of rinse water when good rinsing is needed and adds an extra rinsing step if necessary.
- Excessive foam might have occurred and automatic foam absorption system might have been activated due to too much detergent usage. >>> Use recommended amount of detergent.

Programme time does not countdown. (On models with display) (*)

- Timer may stop during water intake. >>> Timer indicator will not countdown until the machine takes in adequate amount of water. The machine will wait until there is sufficient amount of water to avoid poor washing results due to lack of water. Timer indicator will resume countdown after this.
- Timer may stop during heating step. >>> Timer indicator will not countdown until the machine reaches the selected temperature.
- Timer may stop during spinning step. >>> Automatic unbalanced load detection system might be activated due to the unbalanced distribution of the laundry in the drum.

Programme time does not countdown. (*)

- There might be an imbalance of laundry in the machine. >>> Automatic unbalanced load detection system might be activated due to the unbalanced distribution of the laundry in the drum.

Machine does not switch to spinning step. (*)

- There might be an imbalance of laundry in the machine. >>> Automatic unbalanced load detection system might be activated due to the unbalanced distribution of the laundry in the drum.
- The machine will not spin if water is not drained completely. >>> Check the filter and the draining hose.
- Excessive foam might have occurred and automatic foam absorption system might have been activated due to too much detergent usage. >>> Use recommended amount of detergent.

Washing performance is poor: Laundry turns grey. (**)

- Insufficient amount of detergent was used over a long period of time. >>> Use the recommended amount of detergent appropriate for water hardness and the laundry.
- Washing was made at low temperatures for a long time over a long period of time. >>> Select the proper temperature for the laundry to be washed.
- Insufficient amount of detergent is used with hard waters. >>> Using insufficient amount of detergent with hard water causes the soil to stick on the cloth and this turns the cloth into grey in time. It is difficult to eliminate greying once it happens. Use the recommended amount of detergent appropriate for water hardness and the laundry.
- Too much detergent is used. >>> Use the recommended amount of detergent appropriate for water hardness and the laundry.

Troubleshooting

Washing performance is poor: Stains persist or the laundry is not whitened. (**)

- Insufficient amount of detergent is used. >>> Use recommended amount of detergent appropriate for the laundry.
- Excessive laundry was loaded in. >>> Do not load the machine in excess. Load with amounts recommended in the "Programme and consumption table".
- Wrong programme and temperature were selected. >>> Select the proper programme and temperature for the laundry to be washed.
- Wrong type of detergent is used. >>> Use original detergent appropriate for the machine.
- Detergent is put in the wrong compartment. >>> Put the detergent in the correct compartment. Do not mix the bleaching agent and the detergent with each other.

Washing performance is poor: Oily stains appeared on the laundry. (**)

- Regular drum cleaning is not applied. >>> Clean the drum regularly. For this, please see 7.2.

Washing performance is poor: Clothes smell unpleasantly. (**)

- Odours and bacteria layers are formed on the drum as a result of continuous washing at lower temperatures and/or in short programmes. >>> Leave the detergent drawer as well as the loading door of the machine ajar after each washing. Thus, a humid environment favorable for bacteria cannot occur in the machine.

Colour of the clothes faded. (**)

- Excessive laundry was loaded in. >>> Do not load the machine in excess.
- Detergent in use is damp. >>> Keep detergents closed in an environment free of humidity and do not expose them to excessive temperatures.
- A higher temperature is selected. >>> Select the proper programme and temperature according to the type and soiling degree of the laundry.

It does not rinse well.

- The amount, brand and storage conditions of the detergent used are inappropriate. >>> Use a detergent appropriate for the washing machine and your laundry. Keep detergents closed in an environment free of humidity and do not expose them to excessive temperatures.
- Detergent is put in the wrong compartment. >>> If detergent is put in the prewash compartment although prewash cycle is not selected, machine can take this detergent during rinsing or softener step. Put the detergent in the correct compartment.
- Pump filter is clogged. >>> Check the filter.
- Drain hose is folded. >>> Check the drain hose.

Laundry became stiff after washing. (**)

- Insufficient amount of detergent is used. >>> Using insufficient amount of detergent for the water hardness can cause the laundry to become stiff in time. Use appropriate amount of detergent according to the water hardness.
- Detergent is put in the wrong compartment. >>> If detergent is put in the prewash compartment although prewash cycle is not selected, machine can take this detergent during rinsing or softener step. Put the detergent in the correct compartment.
- Detergent might be mixed with the softener. >>> Do not mix the softener with detergent. Wash and clean the dispenser with hot water.

Troubleshooting

Laundry does not smell like the softener. (**)

- Detergent is put in the wrong compartment. >>> *If detergent is put in the prewash compartment although prewash cycle is not selected, machine can take this detergent during rinsing or softener step. Wash and clean the dispenser with hot water. Put the detergent in the correct compartment.*
- Detergent might be mixed with the softener. >>> *Do not mix the softener with detergent. Wash and clean the dispenser with hot water.*

Detergent residue in the detergent drawer. (**)

- Detergent is put in wet drawer. >>> *Dry the detergent drawer before putting in detergent.*
- Detergent has gotten damp. >>> *Keep detergents closed in an environment free of humidity and do not expose them to excessive temperatures.*
- Water pressure is low. >>> *Check the water pressure.*
- The detergent in the main wash compartment got wet while taking in the prewash water. Holes of the detergent compartment are blocked. >>> *Check the holes and clean if they are clogged.*
- There is a problem with the detergent drawer valves. >>> *Call the Authorised Service Agent.*
- Detergent might be mixed with the softener. >>> *Do not mix the softener with detergent. Wash and clean the dispenser with hot water.*
- Regular drum cleaning is not applied. >>> *Clean the drum regularly. For this, please see 7.2.*

There is detergent left on the laundry. (**)

- Excessive laundry was loaded in. >>> *Do not load the machine in excess.*
- Wrong programme and temperature were selected. >>> *Select the proper programme and temperature for the laundry to be washed.*
- Wrong detergent was used. >>> *Select the proper detergent for the laundry to be washed.*

Too much foam forms in the machine. (**)

- Improper detergents for the washing machine are being used. >>> *Use detergents appropriate for the washing machine.*
- Excessive amount of detergent is used. >>> *Use only sufficient amount of detergent.*
- Detergent was stored under improper conditions. >>> *Store detergent in a closed and dry location. Do not store in excessively hot places.*
- Some meshed laundry such as tulle may foam too much because of their texture. >>> *Use smaller amounts of detergent for this type of item.*
- Detergent is put in the wrong compartment. >>> *Put the detergent in the correct compartment.*
- Softener is being taken early. >>> *There may be problem in the valves or in the detergent dispenser. Call the Authorised Service Agent.*

Troubleshooting

Foam is overflowing from the detergent drawer.

- Too much detergent is used. >>> Mix 1 tablespoonful softener and ½ l water and pour into the main wash compartment of the detergent drawer.
- Put detergent into the machine suitable for the programmes and maximum loads indicated in the "Programme and consumption table". When you use additional chemicals (stain removers, bleaches and etc), reduce the amount of detergent.

Laundry remains wet at the end of the programme. (*)

- Excessive foam might have occurred and automatic foam absorption system might have been activated due to too much detergent usage. >>> Use recommended amount of detergent.
- * Machine does not switch to spinning step when the laundry is not evenly distributed in the drum to prevent any damage to the machine and to its surrounding environment. Laundry should be rearranged and re-spun.
- ** Regular drum cleaning might not be applied.>>> Clean the drum regularly. See, 7.2



WARNING: If you cannot eliminate the problem although you follow the instructions in this section, consult the dealer or the Authorised Service Agent. Never try to repair a nonfunctional product yourself.

The display shows the following errors and the programme was cancelled

- E12 error message + signal tone >>> The water protection system has responded. Call customer service.
- E07 error message + signal tone >>> A defect exists for the level switch. Call customer service.
- E04 error message + signal tone >>> Operation overflow protection: If the water level rises above a certain level, the discharge pump is activated and the water is pumped out and monitored.

Guarantee for Refrigeration, Cooking Appliances, Washing Machines & Dishwashers.

Your new Grundig product is guaranteed against the cost of breakdown repairs for 5 years from the date of the original purchase.

What is covered?

- Repairs necessary as a result of faulty materials, defective components or manufacturing defect.
- The cost of functional replacement parts, but excluding consumable items.
- The labour costs of a Grundig approved repairer to carry out the repair.

What is not covered?

- Transit, delivery or accidental damage or misuse and abuse.
- Cabinet or appearance parts, including knobs, flaps, handles or container lids.
- Accessories or consumable items including but not limited to, ice trays, scrapers, cutlery baskets, filters and light bulbs.
- Repairs required as a result of unauthorised repair or inexperienced installation that fails to meet the requirements contained in the user instruction book.
- Repairs to products used on commercial or non-residential household premises.
- Loss of frozen food in freezers or fridge/freezers. (Food loss insurance is often included within your household contents insurance policy, or may be available separately from your retailer).

Important notes.

- Your Grundig product is designed and built for domestic household use only.
- The guarantee will be void if the product is installed or used in commercial or non-residential domestic household premises.
- The product must be correctly installed, located and operated in accordance with the instructions contained in the User Instructions Booklet provided.
- Professional installation by a qualified Electrical Domestic Appliance Installer is recommended for all Washing Machines, Dishwashers and Electric Cookers
- Gas Cookers must only be installed by a Gas Safe (or BORD GAIS) registered Gas Installer.
- The guarantee is given only within the boundaries of the United Kingdom and the Republic of Ireland.
- The guarantee is applicable only to new products and is not transferable if the product is resold.
- Grundig disclaims any liability for incidental or consequential damages.
- The guarantee does not in anyway diminish your statutory or legal rights.

Should you experience any difficulty in obtaining service please contact the Grundig Customer Help-Line.

Tel: 0845 603 1234

e-mail:service@Grundig.co.uk

10 Service

Please keep your purchase receipt or other proof of purchase in a safe place; you will need to have it should the product require attention under guarantee.

You should also complete the details below; it will help us assist you when requesting service. (The model number is printed on the Instruction Booklet and the serial number is printed on the Rating Label affixed to the appliance)

Model No:

Serial No:

Retailer:

Date of purchase:

For service under guarantee simply telephone the appropriate number below

UK Mainland & Northern Ireland

Fridges & Freezers 0845 603 1234

Electric Cookers 0845 603 1234

Gas & 0845 603 1234

Dual Fuel Cookers

Washing Machines & Dishwashers 0845 603 1234

Before requesting service please check the trouble-shooting guide in the Operating Instructions as a charge may be levied where no fault is found even though your product may still be under guarantee.

Service once the manufacturers guarantee has expired.

If you have purchased an extended guarantee please refer to the instructions contained within the extended guarantee agreement document. Otherwise please call the appropriate number above where service can be obtained at a charge.

Should you experience any difficulty in obtaining service please contact the Grundig Customer Help-Line.

Tel: 0845 603 1234

e-mail:service@Grundig.co.uk

Grundig, 1 Greenhill Crescent, Watford Herts WD18 8QU

PRODUCT FICHE

Complying Commission Delegated Regulation (EU) No 1061/201

Supplier name or trademark	Grundig
Model name	GWN48430CW
Rated capacity (kg)	8
Energy efficiency class ⁽¹⁾	A+++
Annual Energy Consumption (kWh) ⁽²⁾	192
Energy consumption of the standard 60°C cotton programme at full load (kWh)	0.920
Energy consumption of the standard 60°C cotton programme at partial load (kWh)	0.805
Energy consumption of the standard 40°C cotton programme at partial load (kWh)	0.805
Power consumption in 'off-mode' (W)	0.440
Power consumption in 'left-on mode' (W)	0.640
Annual Water Consumption (l) ⁽³⁾	9900
Spin-drying efficiency class ⁽⁴⁾	B
Maximum spin speed (rpm)	1400
Remaining moisture Content (%)	53
Standard cotton programme ⁽⁵⁾	Cotton Eco 60°C and 40°C
Programme time of the standard 60°C cotton programme at full load (min)	205
Programme time of the standard 60°C cotton programme at partial load (min)	177
Programme time of the standard 40°C cotton programme at partial load (min)	177
Duration of the left-on mode (min)	N/A
Airborne acoustical noise emissions washing/spinning (dB)	56/74
Built-in	No

⁽¹⁾ Scale from A+++ (Highest Efficiency) to D (Lowest Efficiency)

⁽²⁾ Energy Consumption based on 220 standard washing cycles for cotton programmes at 60°C and 40°C at full and partial load, and the consumption of the low-power modes. Actual energy consumption will depend on how the appliance is used.

⁽³⁾ Water consumption based on 220 standard washing cycles for cotton programmes at 60°C and 40°C at full and partial load. Actual water consumption will depend on how the appliance is used.

⁽⁴⁾ Scale from A (Highest Efficiency) to G (Lowest Efficiency)

⁽⁵⁾ „Standard 60°C cotton programme“ and the „standard 40°C cotton programme“ are the standard washing programmes to which the information in the label and the fiche relates and these programmes are suitable to clean normally soiled cotton laundry and that they are the most efficient programmes in terms of combined energy and water consumption.

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