

Your washing machine

Congratulations – You have opted for a modern, high-quality domestic appliance manufactured by Bosch. The washing machine is distinguished by its economical use of water and energy. Each appliance which leaves our factory is inspected thoroughly to ensure that it functions properly and is in perfect condition.

Further information on our products, accessories, spare parts and services can be found at www.bosch-home.com or contact our customer service centres.

Do not switch on the washing machine until you have read these instructions and the separate Installation/Maintenance instructions!

Environmentally-friendly disposal

Dispose of packaging in an environmentally friendly manner. This appliance is certified in accordance with the European Directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE). The Directive provides the framework for the return and recycling of used appliances as applicable throughout the European Union.

Contents

Intended use	1
Programmes	1
Preparation	2
Selecting and adjusting a programme	3
Washing	3/4
After washing	4
Individual settings	5/6
Overview of programmes	7
Safety instructions	8
Consumption values	8
Important information	9
Care/Cleaning	10
Information on the display panel	10
Maintenance	11
What to do if ...	12/13
Emergency release	13
Customer service	13

Protection of the environment/hints and tips

- Utilise the maximum amount of laundry for the particular programme.
- Wash normally soiled laundry without prewash.
- By selecting programme **Cottons 60 °C**, it is possible to achieve good cleaning results while consuming significantly less energy.
- Measure detergent according to the manufacturer's instructions and water hardness.
- If the washing is then dried in the tumble dryer, select the spin speed according to the instructions of the dryer manufacturer.

Intended use

- for use in the household only,
 - for washing machine-washable textiles and hand-washable wool in detergent solution,
 - to be operated with cold drinking water and commercially available detergents and care products which are suitable for use in washing machines.
 - The washing machine may be operated by children 8 years of age and older, by persons who have limited physical, sensory or mental abilities and by persons who have inadequate experience or knowledge, provided they are supervised or have been instructed by a responsible person.
- Follow the safety instructions on page 8!
- Do not leave children unattended near the washing machine.
- Children must not play with the appliance.
- Children must not perform any cleaning or maintenance work without supervision!
- Keep pets away from the washing machine.

Programmes

Detailed overview of programmes → Page 7

Spin speed can be selected individually irrespective of the selected programme and programme progress.

	Cottons	hard-wearing textiles
	Prewash Cottons	Heavily soiled hard-wearing textiles
	Synthetics	Synthetic fibres, easy-care textiles
	Mix	Textiles made of cotton and synthetic fibres
	Drum Clean	For drum hygiene or fluff removal
	Spin/Drain	Additional spin cycle or to empty the drum.
	Rinse	Extra rinse with spin
	Wool	Hand or machine-washable wool or rich-wool textiles
	Delicate/Silk	Silk and delicate washable textiles
	Dark Wash	Dark textiles
	Kids Wear	Textiles for children
	Hygiene	Programme for allergic people and advanced hygiene
	SuperQuick 15/30'	Hard-wearing textiles made of cotton or linen

Preparation

- Correct installation according to separate installation instructions.**
- Check the machine**
- Never switch on a damaged machine.
 - Inform your after-sales service.
- Insert the mains plug**
- With dry hands only.
 - Only hold the plug by the plug body.
- Turn on the tap**
- Sort and load the laundry**
- Follow manufacturer's care information. According to the information on the care labels. According to type; colour; degree of soiling and temperature. Do not exceed maximum load. → Page 7
- Add detergent and care product**
- Dosage according to: amount of laundry, degree of soiling, water hardness (available from your water utility company) and manufacturer's instructions. For models without insert for liquid detergent: Pour liquid detergent into corresponding dispenser or place in the drum. Be careful when opening the detergent drawer while the appliance is running!
- Dispenser II:** detergent for main wash, water softener, bleach, stain remover
- Dispenser I:** detergent for prewash
- Dilute viscous fabric softener and fabric conditioner with water.** Prevents blockage of the overflow.

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Safety instructions

- Read and follow the operating and installation instructions and all other information enclosed with the washing machine.
- Retain documents for subsequent use.

Risk of electric shock

- Never pull out the mains plug by tugging on the power cord!
- Only insert/pull out the mains plug with dry hands.

Danger to life

On redundant appliances:

- Pull out the mains plug.
- Sever the power cord and discard together with the plug.
- Destroy the lock on the washing-machine door. This will prevent children from locking themselves in and putting their lives at risk.

Risk of suffocation

- Keep packaging, plastic film and packaging parts out of the reach of children.

Risk of poisoning

- Keep detergents and care products out of the reach of children.

Risk of explosion

- Caused by detergents containing solvents, e.g. stain remover/ items of laundry pretreated with solvent naphtha may result in an explosion after being loaded into the washing machine. Thoroughly rinse items of laundry by hand beforehand.

Risk of injury

- Washing machine door may become very hot.
- Be careful when draining hot detergent solution.
- Do not climb on the washing machine.
- Do not lean on the washing machine door when it is open.
- Do not reach into the drum in case it is still rotating.

Consumption values

Programme	Temperature [°C]	Buttons	Load [kg]	Water ** [l]	Energy ** [kWh]	Time ** [h]
Cottons	40°C	-	8.0 kg	74.2 l	0.97 kWh	2:38 h
Cottons*	60°C	-	8.0 kg	67.0 l	1.11 kWh	3:01 h
Synthetics	30°C	= Speed Perfect	3.5 kg	45.5 l	0.32 kWh	1:04 h
Mix	40°C	= Speed Perfect	3.0 kg	42.1 l	0.50 kWh	0:45 h
Delicate/Silk	cold	-	2.0 kg	33.5 l	0.03 kWh	0:44 h
Wool	cold	-	2.0 kg	38.8 l	0.03 kWh	0:38 h

* Programme setting with the maximum spin speed for labeling testing.

** The values deviate from the indicated values depending on water pressure, water hardness, and inlet temperature, ambient temperature, type, amount and degree of soiling of the laundry, detergent used, fluctuations in the power supply and selected additional functions.

*** The programme used for the evaluation of the captioned model under the Mandatory Water Efficiency Labelling Scheme (MWEL) in Singapore is as follows: Cottons 60°C.

Important information

Before using your washing machine for the first time

Do not put any laundry in the washing machine! Turn the tap on. Pour into dispenser **II**:

- approx. 1 litre of water.
- Detergent (dosage according to manufacturer's instructions for light soiling and according to degree of water hardness).

Set the programme selector to **Drum Clean 90°** and select **Start/Reload**. At the end of the programme, set the programme selector to **Off**.

Protecting the laundry and the machine

- When dosing all detergents, cleaning aids and cleaning agents, always follow the manufacturer's instructions.
- Empty any pockets.
- Remove metal objects (paper clips, etc.).
- Wash delicates in the net/bag (tights, curtains, underwired bras).
- Close zips, button up covers.
- Brush sand out of pockets and collars.
- Remove curtain fittings or include in the net/bag.

Load the laundry

Load large and small items of laundry! Do not jam items of laundry between the washing machine door and rubber seal.

Laundry with different degrees of soiling

Wash new items separately.

Light

Do not prewash. If required, select the **Speed Perfect** option.

Heavy

Load less laundry. Select the **Prewash Cottons** programme.

Soaking

Load laundry of the same colour.

Pour soaking agent/detergent into dispenser **II** according to the manufacturer's instructions. Set the programme selector to **Cottons 40°** and select **Start/Reload**. After approx. 10 minutes, press **Start/Reload** to stop the programme. After the required soaking time, re-press **Start/Reload** if the programme is to be continued, or change the programme.

Starching

Laundry should not be treated with fabric softener.

Liquid starch can be used with all washing programmes. Pour starch into the fabric softener dispenser according to manufacturer's instructions (if required clean beforehand).

Dyeing/bleaching

Dye in small quantities only. Salt may attack stainless steel. Follow the instructions of the dye manufacturer. Do **not** bleach laundry in the washing machine.

Care/cleaning

Machine housing, control panel

- Remove detergent residue immediately.
- Wipe with a soft, damp cloth.
- Do not clean the appliance with a water jet.

Clean the detergent drawer ...

... if it contains detergent or fabric softener residue.

- Pull out, press the insert down, remove the drawer completely.
- Remove the insert: using your finger, press the insert upwards.
- Clean detergent dispenser and insert using water and a brush and dry them.
- Fit insert and lock it in place (push the cylinder onto guide pin).
- Insert the detergent drawer.

Leave detergent drawer open so that residual water can evaporate.

Drum

Leave washing machine door open so that the drum can dry out. Rust stains – use chlorine-free cleaning agent, not steel wool.

Descaling

No laundry in the machine!

Not required if detergent dosed correctly. However, if this does occur, follow the instructions of the descaling agent manufacturer. Suitable descalers can be purchased on our website or from customer service. → *Page 13*

Information on the display panel depending on model

	Door can be opened.
	Door cannot be opened due to high temperature inside → Wait for the temperature to drop The door cannot be opened due to high water level → Drain the water (e.g. select the Spin/Drain programme).
	Turn on the tap (cold water) fully; Supply hose kinked/jammed, water pressure too low. → <i>Page 11</i> : Maintenance, Filter in the water inlet hose blocked
	Drain pump blocked → <i>Page 11</i> : Maintenance, Drain pump blocked Drainage hose/outlet pipe blocked → <i>Page 11</i> : Maintenance, Drainage hose on the siphon blocked
	Water in the base pan, appliance leaking. Turn off the tap. Call customer service!
	If the childproof lock is active. Deactivate → <i>Page 5</i>
	Flashes if too much detergent is used. → <i>Page 12</i>
Other displays	Switch off the appliance, wait 5 seconds and switch on again. If the display appears again, call customer service. → <i>Page 13</i>

Maintenance

Drain pump blocked

Set the programme selector to **Off**, pull out the mains plug.

- Open the service flap.
- Take the drainage hose out of the holder.

- Remove sealing cap, allow the detergent solution to flow out. Have a suitable container ready. Insert the sealing cap and place the drainage hose back in its holder.

- Carefully unscrew the pump cover (Caution! residual water). Clean the interior, the pump cover thread and the pump housing (the fan impeller in the detergent-solution pump must rotate).

- Reinsert and screw on the pump cover. Handle should be vertical.
- Close the service flap.

To prevent unused detergent from flowing into the outlet during the next wash: Pour 1 litre of water into dispenser **II** and start the **Spin/Drain** programme.

Drainage hose on the siphon blocked

Set the programme selector to **Off**, pull out the mains plug.

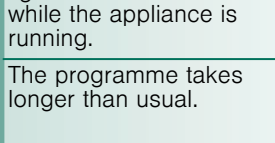
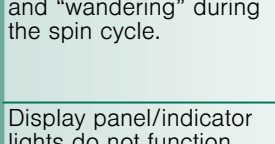
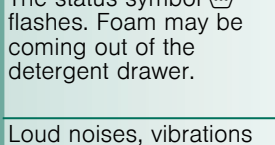
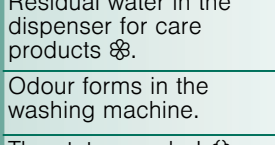
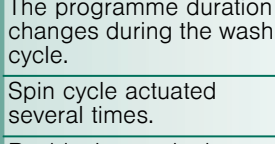
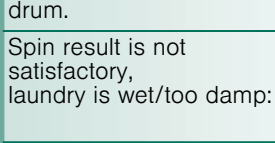
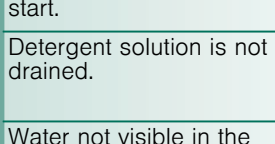
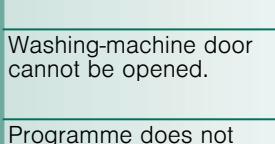
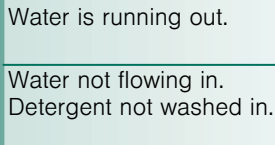
- Loosen the hose clip and carefully remove the drainage hose. (Caution! Residual water.)
- Clean the drainage hose and siphon spigot.
- Re-attach drainage hose and secure connection point with hose clip.

Filter in the water inlet hose blocked

Risk of electric shock.
Do not immerse the Aqua-Stop safety device in water (contains electric valve).

Release the water pressure in the supply hose:

- Turn off the tap.
- Select any programme (except **Spin/Drain** // **Rinse**).
- Press **Start/Reload** button. Leave programme running for approx. 40 seconds.
- Set the programme selector to **Off**. Pull out the mains plug. Clean the filter:
- Disconnect the hose from the water tap. Clean the filter with a small brush.
- and/or for standard and Aqua-Secure models: remove the hose from the rear of the appliance. Take out the filter with pliers and clean.
- Connect the hose and check for leaks.



What to do if ...

- Water is running out. – Correctly attach/replace the drainage hose. – Tighten screw-fitting on the supply hose.
- Water not flowing in. Detergent not washed in. – **Start/Reload** not selected? – Tap not open? – Filter blocked? Cleaning the filter → *Page 11* – Supply hose kinked or jammed?
- Washing-machine door cannot be opened. – Safety function active. Stop the programme? → *Page 4* – - - - (Rinse hold = without final spin) selected? → *Page 3, 4* – Can be opened via the emergency release only? → *Page 13*
- Programme does not start. – **Start/Reload** or **Ready in** time selected? – Door closed?
- Detergent solution is not drained. – - - - (Rinse hold = without final spin) selected? → *Page 3, 4* – Clean the detergent solution pump. → *Page 11* – Clean the outlet pipe and/or drainage hose.
- Water not visible in the drum. – Not a fault - water below the visible area.
- Spin result is not satisfactory, laundry is wet/too damp: – Not a fault – unbalanced load detection system has stopped the spin cycle, laundry unevenly distributed. Distribute small and large items of laundry in the drum. – Too low speed selected? → *Page 5*
- The programme duration changes during the wash cycle. – Not a fault – the programme sequence is optimised for the particular washing process. This may result in changes to the programme duration in the display field.
- Spin cycle actuated several times. – Not a fault - unbalanced load detection system adjusts imbalance.
- Residual water in the dispenser for care products . – Not a fault – effect of the care product not impaired. – If required, clean the insert. → *Page 10*
- Odour forms in the washing machine. – Run the **Drum Clean 90°** programme without laundry. Use standard detergent.
- The status symbol flashes. Foam may be coming out of the detergent drawer. – Too much detergent used? Mix 1 tablespoon of fabric softener with ½ litre of water and pour into dispenser **II**. (Not for outdoor, sports and down-filled textiles!) – Reduce the detergent dosage for the next wash cycle.
- Loud noises, vibrations and "wandering" during the spin cycle. – Appliance feet fixed? Secure the appliance's feet. → *Installation Instructions* – Transportation safety devices removed? Remove transportation safety devices. → *Installation Instructions*.
- Display panel/indicator lights do not function while the appliance is running. – Power failure? – Fuse tripped? Switch on/replace the fuse. – If the fault occurs repeatedly, call customer service.
- The programme takes longer than usual. – Not a fault – unbalanced load detection system adjusts imbalance by repeatedly distributing the laundry. – Not a fault – foam detection system active – a rinse cycle is switched on.

What to do if ...

- Detergent residue on the laundry. – Occasionally phosphate-free detergents contain water-insoluble residue. – Select **Rinse** or brush the laundry after washing.
- If a fault cannot be rectified (switching the machine on and off) or a repair is required:
- Set the programme selector to **Off** and pull out the mains plug.
 - Turn off the tap and call customer service. → *Installation instructions*

Emergency release e.g. if power failure occurs

The programme continues running when the power supply is restored. If the laundry is still to be removed, the door can be opened as described below:

Risk of scalding.
The detergent solution and laundry may be hot. If required, leave to cool down. Do not reach into the drum in case it is still rotating. Do not open the door if you can still see water through the glass.

- Set the programme selector to **Off**, pull out the mains plug.
- Drain the detergent solution. → *Page 11*
- Pull down the emergency release with a tool and release. The door can then be opened.

Customer service

- If you cannot rectify the fault yourself (What to do if ..., → *Page 12, 13*), please contact our customer service. We will always find a suitable solution to avoid unnecessary visits by technicians.
- You can find the contact data for your nearest customer service here or in the customer service list (depending on the model).
- Please give customer service the product number (E-no.) and the production number (FD) of the appliance.

Product number E-Nr. FD Production number

These instructions can be found: on the inside of the washing machine door *the open service flap * and the rear of the appliance. * depending on the model

- Rely on the competence of the manufacturer.** Contact us. You can therefore be sure that the repair is carried out by trained service technicians who use genuine spare parts.



Register your new Bosch now:
www.bosch-home.com/welcome



Washing machine
WAP20160SG
WAP20160ID

en Washing machine
operating instructions

Your washing machine

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Contents

	Page
Intended use	1
Programmes	1
Preparation	2
Selecting and adjusting a programme	3
Washing	3/4
After washing	4
Individual settings	5/6
Overview of programmes	7
Safety instructions	8
Consumption values	8
Important information	9
Care/Cleaning	10
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- Utilise the maximum amount of laundry for the particular programme.
- Wash normally soiled laundry without prewash.
- By selecting programme **Cottons 60 °C**, it is possible to achieve good cleaning results while consuming significantly less energy.
- Measure detergent according to the manufacturer's instructions and water hardness.
- If the washing is then dried in the tumble dryer, select the spin speed according to the instructions of the dryer manufacturer.

Intended use

- for use in the household only,
 - for washing machine-washable textiles and hand-washable wool in detergent solution,
 - to be operated with cold drinking water and commercially available detergents and care products which are suitable for use in washing machines.
 - The washing machine may be operated by children 8 years of age and older, by persons who have limited physical, sensory or mental abilities and by persons who have inadequate experience or knowledge, provided they **are supervised or have been instructed** by a responsible person.
- Follow the safety instructions on page 8!
- Do not leave children unattended near the washing machine.
- Children must not play with the appliance.
- Children must not perform any cleaning or maintenance work without supervision!
- Keep pets away from the washing machine.

Programmes

Detailed overview of programmes → Page 7
Spin speed can be selected individually irrespective of the selected programme and programme progress.

Cottons	hard-wearing textiles
Prewash Cottons	Heavily soiled hard-wearing textiles
Synthetics	Synthetic fibres, easy-care textiles
Mix	Textiles made of cotton and synthetic fibres
Drum Clean	For drum hygiene or fluff removal
Spin/Drain	Additional spin cycle or to empty the drum.
Rinse	Extra rinse with spin
Wool	Hand or machine-washable wool or rich-wool textiles
Delicate/Silk	Silk and delicate washable textiles
Dark Wash	Dark textiles
Kids Wear	Textiles for children
Hygiene	Programme for allergic people and advanced hygiene
SuperQuick 15'/30'	Hard-wearing textiles made of cotton or linen

Preparation

Correct installation according to separate installation instructions.

Check the machine

- Never switch on a damaged machine.
- Inform your after-sales service.

Insert the mains plug

- With dry hands only.
- Only hold the plug by the plug body.

Turn on the tap

Dispenser II: detergent for main wash, water softener, bleach, stain remover
Dispenser : fabric softener, starch
Dispenser I: detergent for prewash

Display panel Function buttons/Option buttons

Start/Reload

Programme selector

8 kg / 1000 rpm

Speed Perfect Extra Rinse Start Reload

SuperQuick 15'/30' Off Cold

Hygiene 60° 40° Prewash Co

Kids Wear 40° 40° Prewash Co

Dark Wash 40° 60° Co

Delicate/Silk Cold 30° Synth

Wool Cold 40° Synth

Rinse Spin/Drain 90° Drum

--- 1000* **Spin Speed** Select the spin speed (* depending on programme)

--- (Rinse hold = without final drain) remains in the final rinsing water, ---

1h - 24h **Ready in** Programme ends in ...

Status displays: Washing, Rinse, Spin, programme o

Childproof lock → Page 5

Door open symbol on if the door ca

Before using your washing machine for the first time
Wash once without any laundry → Page 9

Sort and load the laundry

Follow manufacturer's care information.
According to the information on the care labels.
According to type; colour; degree of soiling and temperature.
Do not exceed maximum load. → Page 7

Follow important instructions! → Page 9


Load large and small items of laundry!
Do not jam items of laundry between the washing machine door and rubber seal.

Add detergent and care product

Dosage according to:
Amount of laundry, degree of soiling, water hardness (available from your water utility company) and manufacturer's instructions.
For models without insert for liquid detergent:
Pour liquid detergent into corresponding dispenser or place in the drum.
Be careful when opening the detergent drawer while the appliance is running!

i Dilute viscous fabric softener and fabric conditioner with water.
Prevents blockage of the overflow.

Select ** and adjust a programme

i ** If the symbol  flashes on the display panel, the childproof lock is active. → Deactivate, Page 5


Functions and option buttons
→ Individual settings, Page 5

i Programme selector for switching the machine on and off and for selecting the programme. Can be rotated in either direction.

Select Start/Reload

i If you press and hold the function buttons, the selected display values will run automatically!

Washing

Detergent drawer with dispensers I, II, 

Door

Fascia

Door handle



Service flap

Washing



Switch off

Set the programme selector to **Off**.

Turn off the tap

Not required for Aqua-Stop models.
→ Notes, Installation instructions, Page 7

Remove the laundry






Open the washing machine door and remove the laundry.
If --- (Rinse hold = without final drain/spin) is active: Set the programme selector to  **Spin/Drain** or select the spin speed.
Press the  **Start/Reload** button.

i – Remove any foreign objects as there is a risk of rusting.
– Leave detergent drawer and door open so that residual water can evaporate.


End of programme when ...

... **End** is indicated on the display panel.




Cancel the programme

For programmes at high temperature:
– Cool the laundry: Select  **Rinse**.
– Press the  **Start/Reload** button.
For programmes at low temperature:
– Select  **Spin/Drain** (if only one drain cycle is required: Set the **Spin Speed**  to ---).
– Press the  **Start/Reload** button.

Change the programme if ...

... you have mistakenly selected a wrong programme:
– Reselect the programme.
– Press the  **Start/Reload** button. The new programme starts from the beginning.

Interrupt/continue the wash cycle ...

... e.g. for Soaking → Page 9
Press the  **Start/Reload** button.  (No) is indicated on the display panel, the washing machine door cannot be opened. To continue the programme, press the  **Start/Reload** button.

Individual settings



Function buttons

You can change the spin speed beforehand and while the selected programme is running. Effects depend on the programme progress.


Spin Speed / --- (Rinse hold = without final drain/spin)

You can change the indicated spin speed or select --- (Rinse hold = without final drain/spin cycle, the laundry remains in the water after the last rinse cycle, display panel ---). The selectable maximum spin speed depends on the model and the selected programme.

Ready in



The respective programme duration is displayed by selecting the programme. The programme start can be delayed before the programme begins. The Ready in time can be set in hour increments up to maximum 24h. Press and hold the **Ready in**  button until the required number of hours is indicated (h=hour). Press the  **Start/Reload** button.

Option buttons → Overview of programmes, Page 7

 **Speed Perfect** For washing in a shorter time with a washing result comparable to that of the standard programme.
Maximum load size → Overview of programmes, Page 7

 **Extra Rinse** Additional rinse cycle. Prolonged programme duration. For areas with very soft water or for further enhancing the washing result.

Childproof lock

 on the display panel Secure the washing machine to prevent the selected functions from being unintentionally changed.
ON/OFF: After the programme starts/ends, press  **Start/Reload** for approx. 5 seconds.
Note: Childproof lock may remain activated until the next programme starts, even after the machine has been switched off!
If this is the case, deactivate the childproof lock before the programme starts and, if required, re-activate after the programme starts.

Start/Reload

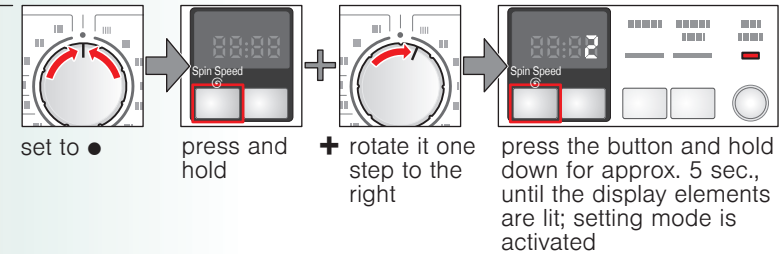
For starting or interrupting the wash cycle and to continue the programme and to activate/deactivate the childproof lock.

Individual settings

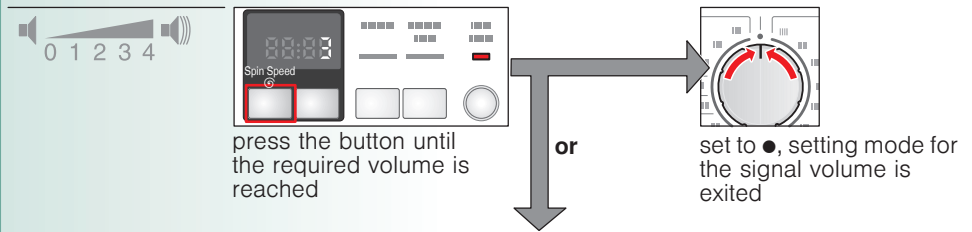
Signal

1. Activate the setting mode for the signal volume

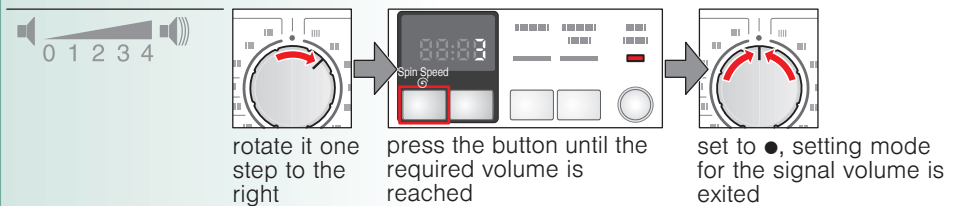
Activating the setting mode



2. a) Selecting the volume of the button signals



2. b) Selecting the volume of the information signals



Overview of programmes → Check the consumption values table on page 8 and instructions on page 9!

Options: information



Max.

Washing



°C

Programmes

	Cottons	Cold, 40°, 60°		Standard washing programme for hard-wearing textiles made of cotton or linen.	
	Prewash Cottons	40°	8.0 kg/ 5.0 kg *	Energy-intensive programme for heavily soiled hard-wearing textiles made of cotton or linen.	Speed Perfect = , Extra Rinse
	Hygiene	60°		Programme specially designed for allergic people and advanced hygiene, suitable for hard-wearing textiles made of cotton or linen.	
	Synthetics	30°	3.5 kg	Textiles made of synthetic fibres or blended fabrics.	Speed Perfect = , Extra Rinse
	Mix			Mixed load consisting of textiles made of cotton and synthetic fibres.	Speed Perfect = , Extra Rinse
	Dark Wash	40°	3.0 kg	Dark coloured textiles made of cotton or synthetic fibres.	Speed Perfect = , Extra Rinse
	Kids Wear			Programme suitable for washing kids wear made of cotton or synthetic textiles.	Wash clothing inside out.
	Delicate/Silk	Cold		For delicate, washable textiles, e.g. made of silk, satin, synthetic fibres or blended fabrics.	Speed Perfect = , Extra Rinse
	Wool	Cold	2.0 kg	Hand and machine-washable wool or wool-rich textiles. Especially gentle washing programme to prevent shrinkage. Longer programme pauses (textiles rest in detergent solution), e.g. cashmere, mohair or angora. Also suitable for hand washable silk.	No spin cycle between the rinse cycles.
	SuperQuick 15'/30'	Cold	2.0 kg/ 3.5 kg *	Extra short programme approx. 15/30 minutes, suitable for lightly soiled and small amounts of laundry.	Speed Perfect =
	Drum Clean			Programme running at 90°C to remove bacteria inside the drum.	No need of detergent.
Additional programmes					
Rinse, Spin/Drain					

* Reduced load for the Speed Perfect =

i For programmes without prewash – pour detergent into dispenser I, for programmes with prewash – divide detergent between dispensers I and II.

Robert Bosch Hausgeräte GmbH Carl-Wery-Str. 34 81739 Munich, Germany	WAP20160SG WAP20160ID	9000795176 9310
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Safety instructions

- Read and follow the operating and installation instructions and all other information enclosed with the washing machine.
- Retain documents for subsequent use.

- Risk of electric shock**
- Never pull out the mains plug by tugging on the power cord!
 - Only insert/pull out the mains plug with dry hands.
- Danger to life**
- On redundant appliances:
- Pull out the mains plug.
 - Sever the power cord and discard together with the plug.
 - Destroy the lock on the washing-machine door. This will prevent children from locking themselves in and putting their lives at risk.
- Risk of suffocation**
- Keep packaging, plastic film and packaging parts out of the reach of children.
- Risk of poisoning**
- Keep detergents and care products out of the reach of children.
- Risk of explosion**
- Caused by detergents containing solvents, e.g. stain remover/ items of laundry pretreated with solvent naphtha may result in an explosion after being loaded into the washing machine. Thoroughly rinse items of laundry by hand beforehand.
- Risk of injury**
- Washing machine door may become very hot.
 - Be careful when draining hot detergent solution.
 - Do not climb on the washing machine.
 - Do not lean on the washing machine door when it is open.
 - Do not reach into the drum in case it is still rotating.

Consumption values

Programme	Temperature [°C]	Buttons	Load [kg]	Water ** [l]	Energy ** [kWh]	Time ** [h]
Cottons	40°C	–	8.0 kg	74.2 l	0.97 kWh	2:38 h
Cottons*	60°C	–	8.0 kg	67.0 l	1.11 kWh	3:01 h
Synthetics	30°C	=> Speed Perfect	3.5 kg	45.5 l	0.32 kWh	1:04 h
Mix	40°C	=> Speed Perfect	3.0 kg	42.1 l	0.50 kWh	0:45 h
Delicate/Silk	cold	–	2.0 kg	33.5 l	0.03 kWh	0:44 h
Wool	cold	–	2.0 kg	38.8 l	0.03 kWh	0:38 h

* Programme setting with the maximum spin speed for labeling testing.

** The values deviate from the indicated values depending on water pressure, water hardness, and inlet temperature, ambient temperature, type, amount and degree of soiling of the laundry, detergent used, fluctuations in the power supply and selected additional functions.

*** The programme used for the evaluation of the captioned model under the Mandatory Water Efficiency Labelling Scheme (MWEL) in Singapore is as follow: Cottons 60°C.



Important information



Before using your washing machine for the first time

Do not put any laundry in the washing machine! Turn the tap on. Pour into dispenser **II**:

- approx. 1 litre of water.
- Detergent (dosage according to manufacturer's instructions for light soiling and according to degree of water hardness).

Set the programme selector to **Drum Clean 90°** and select **Start/Reload**.

At the end of the programme, set the programme selector to **Off**.



Protecting the laundry and the machine

- When dosing all detergents, cleaning aids and cleaning agents, always follow the manufacturer's instructions.
- Empty any pockets.
- Remove metal objects (paper clips, etc.).
- Wash delicates in the net/bag (tights, curtains, underwired bras).
- Close zips, button up covers.
- Brush sand out of pockets and collars.
- Remove curtain fittings or include in the net/bag.



Load the laundry

Load large and small items of laundry!

Do not jam items of laundry between the washing machine door and rubber seal.



Laundry with different degrees of soiling

		Wash new items separately.
Light		Do not prewash. If required, select the Speed Perfect option.
		If required, pre-treat stains. If required, select the Prewash Cottons programme.
Heavy		Load less laundry. Select the Prewash Cottons programme.



Soaking

Load laundry of the same colour.

Pour soaking agent/detergent into dispenser **II** according to the manufacturer's instructions. Set the programme selector to **Cottons 40°** and select **Start/Reload**. After approx. 10 minutes, press **Start/Reload** to stop the programme. After the required soaking time, re-press **Start/Reload** if the programme is to be continued, or change the programme.



Starching

Laundry should not be treated with fabric softener.

Liquid starch can be used with all washing programmes. Pour starch into the fabric softener dispenser according to manufacturer's instructions (if required clean beforehand).



Dyeing/bleaching

Dye in small quantities only. Salt may attack stainless steel. Follow the instructions of the dye manufacturer. Do **not** bleach laundry in the washing machine.

Care/cleaning



- Risk of electric shock. Pull out the mains plug.
- Risk of explosion. No solvents.

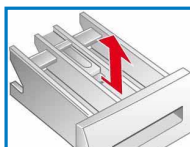
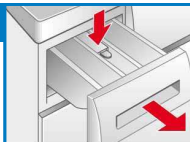
Machine housing, control panel

- Remove detergent residue immediately.
- Wipe with a soft, damp cloth.
- Do not clean the appliance with a water jet.

Clean the detergent drawer ...

... if it contains detergent or fabric softener residue.

1. Pull out, press the insert down, remove the drawer completely.
2. Remove the insert: using your finger, press the insert upwards.
3. Clean detergent dispenser and insert using water and a brush and dry them.
4. Fit insert and lock it in place (push the cylinder onto guide pin).
5. Insert the detergent drawer.



i Leave detergent drawer open so that residual water can evaporate.

Drum

Leave washing machine door open so that the drum can dry out.
Rust stains – use chlorine-free cleaning agent, not steel wool.

Descaling

No laundry in the machine!

Not required if detergent dosed correctly. However, if this does occur, follow the instructions of the descaling agent manufacturer. Suitable descalers can be purchased on our website or from customer service. → Page 13

Information on the display panel depending on model

YES	Door can be opened.
NO	Door cannot be opened due to high temperature inside → Wait for the temperature to drop The door cannot be opened due to high water level → Drain the water (e.g. select the Spin/Drain programme).
E: 17	Turn on the tap (cold water) fully; Supply hose kinked/jammed, water pressure too low. → Page 11: Maintenance, Filter in the water inlet hose blocked
E: 18	Drain pump blocked → Page 11: Maintenance, Drain pump blocked Drainage hose/outlet pipe blocked → Page 11: Maintenance, Drainage hose on the siphon blocked
E: 23	Water in the base pan, appliance leaking. Turn off the tap. Call customer service!
	If the childproof lock is active. Deactivate → Page 5
	Flashes if too much detergent is used. → Page 12
Other displays	Switch off the appliance, wait 5 seconds and switch on again. If the display appears again, call customer service. → Page 13

Maintenance

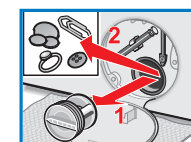
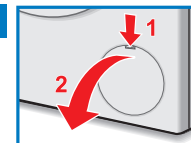


- Risk of scalding.
- Allow detergent solution to cool down.
- Turn off the tap.

Drain pump blocked

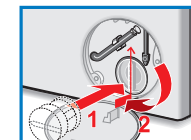
Set the programme selector to **Off**, pull out the mains plug.

1. Open the service flap.
2. Take the drainage hose out of the holder.
3. Remove sealing cap, allow the detergent solution to flow out. Have a suitable container ready.
Insert the sealing cap and place the drainage hose back in its holder.
4. Carefully unscrew the pump cover (Caution! residual water).
Clean the interior, the pump cover thread and the pump housing (the fan impeller in the detergent-solution pump must rotate).



5. Reinsert and screw on the pump cover. Handle should be vertical.
6. Close the service flap.

i To prevent unused detergent from flowing into the outlet during the next wash:
Pour 1 litre of water into dispenser **II** and start the **Spin/Drain** programme.



Drainage hose on the siphon blocked

Set the programme selector to **Off**, pull out the mains plug.

1. Loosen the hose clip and carefully remove the drainage hose. (Caution! Residual water.)
2. Clean the drainage hose and siphon spigot.
3. Re-attach drainage hose and secure connection point with hose clip.



Filter in the water inlet hose blocked

! Risk of electric shock.

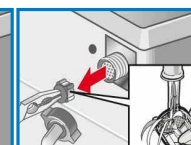
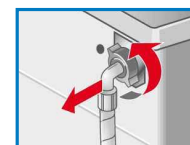
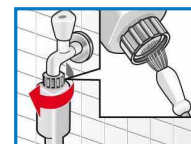
Do not immerse the Aqua-Stop safety device in water (contains electric valve).

Release the water pressure in the supply hose:

1. Turn off the tap.
2. Select any programme (except **Spin/Drain** // **Rinse**).
3. Press **Start/Reload** button. Leave programme running for approx. 40 seconds.
4. Set the programme selector to **Off**. Pull out the mains plug.
Clean the filter:
5. Disconnect the hose from the water tap.
Clean the filter with a small brush.

and/or for standard and Aqua-Secure models:
remove the hose from the rear of the appliance.
Take out the filter with pliers and clean.

6. Connect the hose and check for leaks.



What to do if ...

Water is running out.	<ul style="list-style-type: none"> – Correctly attach/replace the drainage hose. – Tighten screw-fitting on the supply hose.
Water not flowing in. Detergent not washed in.	<ul style="list-style-type: none"> – Start/Reload not selected? – Tap not open? – Filter blocked? Cleaning the filter → <i>Page 11</i> – Supply hose kinked or jammed?
Washing-machine door cannot be opened.	<ul style="list-style-type: none"> – Safety function active. Stop the programme? → <i>Page 4</i> – - - - (Rinse hold = without final spin) selected? → <i>Page 3, 4</i> – Can be opened via the emergency release only? → <i>Page 13</i>
Programme does not start.	<ul style="list-style-type: none"> – Start/Reload or Ready in time selected? – Door closed?
Detergent solution is not drained.	<ul style="list-style-type: none"> – - - - (Rinse hold = without final spin) selected? → <i>Page 3, 4</i> – Clean the detergent solution pump. → <i>Page 11</i> – Clean the outlet pipe and/or drainage hose.
Water not visible in the drum.	<ul style="list-style-type: none"> – Not a fault - water below the visible area.
Spin result is not satisfactory, laundry is wet/too damp:	<ul style="list-style-type: none"> – Not a fault – unbalanced load detection system has stopped the spin cycle, laundry unevenly distributed. Distribute small and large items of laundry in the drum. – Too low speed selected? → <i>Page 5</i>
The programme duration changes during the wash cycle.	<ul style="list-style-type: none"> – Not a fault – the programme sequence is optimised for the particular washing process. This may result in changes to the programme duration in the display field.
Spin cycle actuated several times.	<ul style="list-style-type: none"> – Not a fault - unbalanced load detection system adjusts imbalance.
Residual water in the dispenser for care products .	<ul style="list-style-type: none"> – Not a fault – effect of the care product not impaired. – If required, clean the insert. → <i>Page 10</i>
Odour forms in the washing machine.	<ul style="list-style-type: none"> – Run the Drum Clean 90° programme without laundry. Use standard detergent.
The status symbol flashes. Foam may be coming out of the detergent drawer.	<ul style="list-style-type: none"> – Too much detergent used? Mix 1 tablespoon of fabric softener with ½ litre of water and pour into dispenser II. (<i>Not for outdoor, sports and down-filled textiles!</i>) – Reduce the detergent dosage for the next wash cycle.
Loud noises, vibrations and “wandering” during the spin cycle.	<ul style="list-style-type: none"> – Appliance feet fixed? Secure the appliance's feet. → <i>Installation Instructions</i> – Transportation safety devices removed? Remove transportation safety devices. → <i>Installation Instructions</i>.
Display panel/indicator lights do not function while the appliance is running.	<ul style="list-style-type: none"> – Power failure? – Fuse tripped? Switch on/replace the fuse. – If the fault occurs repeatedly, call customer service.
The programme takes longer than usual.	<ul style="list-style-type: none"> – Not a fault – unbalanced load detection system adjusts imbalance by repeatedly distributing the laundry. – Not a fault – foam detection system active – a rinse cycle is switched on.

What to do if ...

- Detergent residue on the laundry.
 - Occasionally phosphate-free detergents contain water-insoluble residue.
 - Select **Rinse** or brush the laundry after washing.
- If a fault cannot be rectified (switching the machine on and off) or a repair is required:
- Set the programme selector to **● Off** and pull out the mains plug.
 - Turn off the tap and call customer service. → *Installation instructions*

Emergency release e.g. if power failure occurs



The programme continues running when the power supply is restored. If the laundry is still to be removed, the door can be opened as described below:

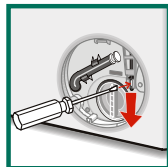
Risk of scalding.

The detergent solution and laundry may be hot. If required, leave to cool down.

Do not reach into the drum in case it is still rotating.

Do not open the door if you can still see water through the glass.

1. Set the programme selector to **● Off**, pull out the mains plug.
2. Drain the detergent solution. → *Page 11*
3. Pull down the emergency release with a tool and release. The door can then be opened.



Customer service

- If you cannot rectify the fault yourself (What to do if ..., → *Page 12, 13*), please contact our customer service. We will always find a suitable solution to avoid unnecessary visits by technicians.

- You can find the contact data for your nearest customer service here or in the customer service list (depending on the model).

- Please give customer service the product number (E-no.) and the production number (FD) of the appliance.

E-Nr. _____ FD _____

Product number

Production number

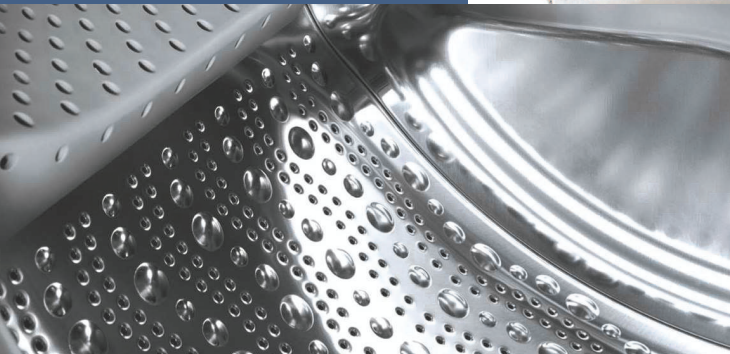
*These instructions can be found: on the inside of the washing machine door */the open service flap * and the rear of the appliance.*

** depending on the model*

- Rely on the competence of the manufacturer.** Contact us. You can therefore be sure that the repair is carried out by trained service technicians who use genuine spare parts.



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Washing machine
WAP20160SG
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BOSCH

en Washing machine
operating instructions