

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 2002/96/EC 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.

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Protection of the environment/hints and tips

- Utilise the maximum amount of laundry for the particular programme.
- Wash normally soiled laundry without prewash.
- Instead of the **Cottons 60 °C** programme, select **Cottons + Prewash 40 °C**. Comparable cleaning result with significantly lower energy consumption.
- Measure the detergent according to the manufacturer's instructions and water hardness.
- If the laundry 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.

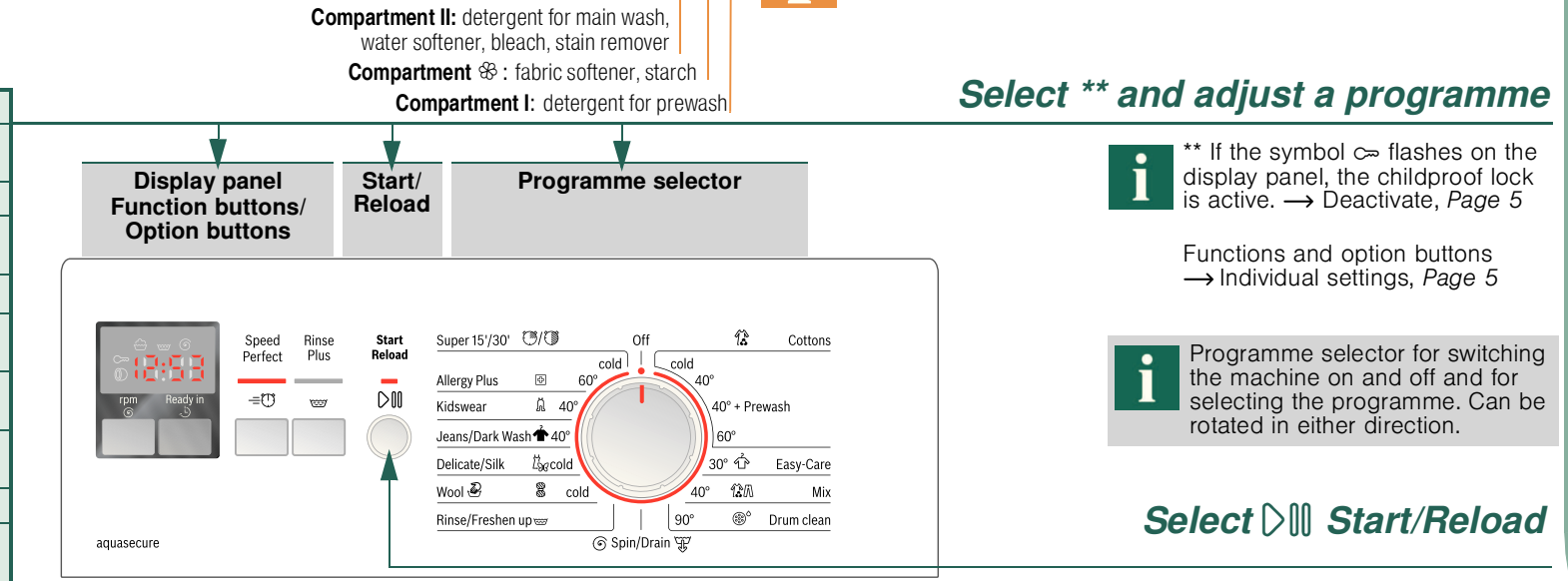
Programmes

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

Cottons	hard-wearing textiles
Cottons + Prewash	Heavily soiled hard-wearing textiles
Easy-Care	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/Freshen up	Extra rinse with spin
Wool	Hand and machine-washable wool or wool-rich textiles
Delicate/Silk	Silk and delicate washable textiles
Jeans/Dark Wash	Dark textiles
Kidswear	Textiles for children
Allergy Plus	Programme for allergic people and advanced hygiene
Super 15'/30'	Extra short programme

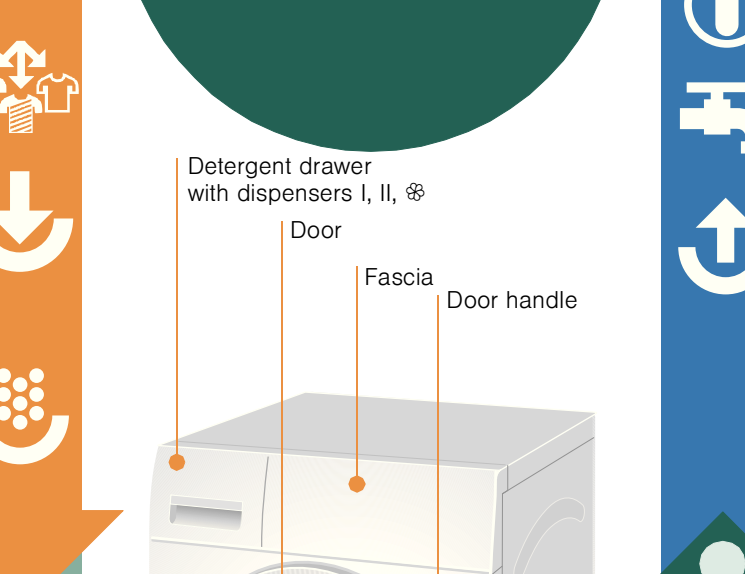
Preparation

- 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**
To achieve the labelling consumption values, two cycles of the **Drum clean 90 °C** programme without laundry must be run at initial setup.
Note: This operation only needs to be completed once.
Insert for liquid detergent (depending on the model), 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
- Observe the important information.** → Page 9
Load large and small items of laundry.
- 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!
Dilute viscous fabric softener and fabric conditioner with water. Prevents blockage of the overflow.



--- 1000 * rpm	Select the spin speed (*depending on the model) or --- (Rinse hold = without final drain/spin, the laundry remains in the final rinsing water, --- on the display panel)
h – 24h Ready in	Programme ends in ...
Status displays: End	Programme progress displays: Washing, rinse, spin, programme duration or end
	Childproof lock → Page 5
	Door open symbol on if the door can be opened.

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 = no final drain/spin) is active: Set the programme selector to **Spin/Drain** or select the spin speed. Press **Start/Reload** button.
- Remove any foreign objects as there is a risk of rusting.
 - Leave the 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/Freshen up**.
– Press **Start/Reload** button.
- For programmes at low temperature:
– Select **Spin/Drain** (if only one drain cycle is required: set rpm to ---).
– Press **Start/Reload** button.

Change the programme if ...

- ... you have mistakenly selected the wrong programme:
– Reselect the programme.
– Press **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 (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.

rpm / --- (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 maximum spin speed which can be selected 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 **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

Rinse Plus

Additional rinse cycle. Prolonged programme duration. For areas with very soft water or for further improving the washing result.

Childproof lock

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: The 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.

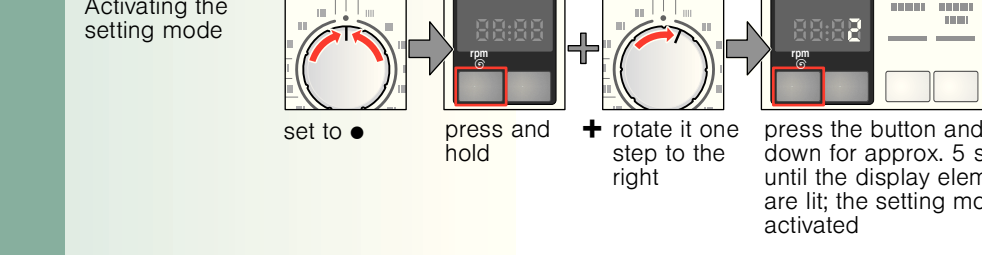
Start/Reload

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

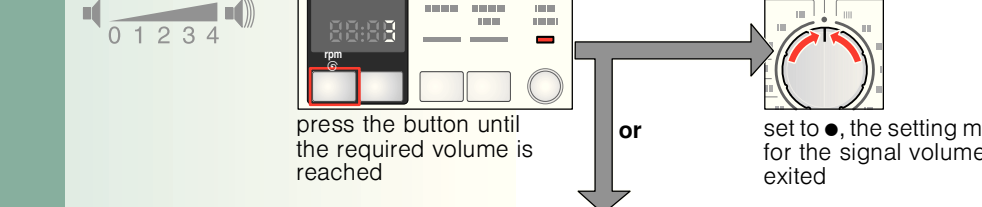
Individual settings

Signal

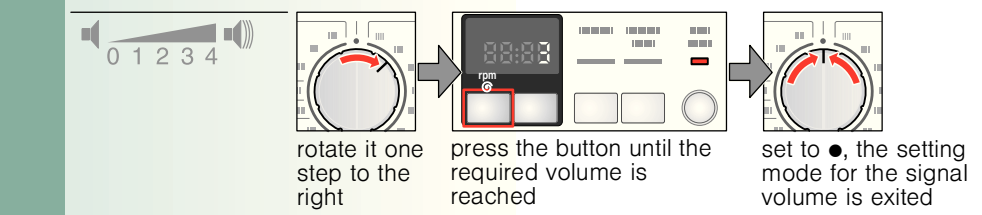
1. Activate the setting mode for the signal volume



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!

Programmes	°C	Max. Washing	Options; Information
Cottons	60°	7.0 kg	Standard washing programme for hard-wearing textiles made of cotton or linen.
Cottons + Prewash	Cold, 40°	7.0 kg / 5.0 kg *	Energy-intensive programme for heavily soiled hard-wearing textiles made of cotton or linen. Programme specially designed for allergic people and advanced hygiene, suitable for hard-wearing textiles made of cotton or linen.
Allergy Plus	60°	3.5 kg	Textiles made of synthetic materials or blended fabrics. Mixed load consisting of textiles made of cotton and synthetic fibres.
Easy-Care	30°	3.0 kg	Dark coloured textiles made of cotton or synthetics. Programme suitable for washing kids wear made of cotton or synthetic textiles.
Mix	40°	2.0 kg	For delicate, washable textiles, e.g. made of silk, satin, synthetic fibres or blended fabrics.
Jeans/Dark Wash	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 suited for hand-washable silk.
Delicate/Silk	Cold	2.0 kg / 3.5 kg *	Extra short programme approx. 15-30 minutes, suitable for lightly soiled and small amounts of laundry. Programme running at 90°C to remove bacteria inside the drum. No need for detergent.
Wool	Cold		
Super 15'/30'	Cold		
Drum clean	90°		

Additional programmes
* Reduced load for the **Speed Perfect** option.
! For programmes without prewash – pour detergent into dispenser II, for programmes with prewash – divide detergent between dispensers I and II.

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.

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 **Cottons + Prewash** programme.

Heavy Load less laundry. Select the **Cottons + Prewash** 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.

Insert for liquid detergent

Position the insert for dispensing liquid detergent:
– Remove the detergent drawer completely → page 10.
– Slide the insert forwards.
Do not use the insert (slide upwards):
– For gel-type detergents and washing powder,
– For programmes with the **Cottons + Prewash** or the **Ready in** option.

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.

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

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

Drum
Leave the 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

YES	The door can be opened.
NO	The 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: 11	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

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

1. Open service flap.
2. Take the drainage hose out of the holder.

3. Remove sealing cap, allow 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, pump cover thread and pump housing (fan impeller in the detergent-solution pump must rotate).

5. Reinsert and screw on pump cover. Handle should be vertical.
6. 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.

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 the drainage hose and secure the connection point using the hose clip.

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

1. Release water pressure in the supply hose:
1. Turn off the tap.
2. Select any programme (except **Rinse/Freshen up** // **Spin/Drain**).
3. Press **Start/Reload** button. Leave programme 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 filter with small brush.

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

6. 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 is not dispensed. – **Start/Reload** not selected?
– Tap not open?
– Filter blocked? Clean 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 drain/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 drain/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 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 the 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/Freshen up** 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

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.

Product number: E-Nr. _____ FD _____
Production number

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.

What to do if ...

- 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.
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en Instruction manual

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
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

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Protection of the environment/hints and tips

- Utilise the maximum amount of laundry for the particular programme.
- Wash normally soiled laundry without prewash.
- Instead of the  **Cottons 60 °C** programme, select  **Cottons + Prewash 40 °C**. Comparable cleaning result with significantly lower energy consumption.
- Measure the detergent according to the manufacturer's instructions and water hardness.
- If the laundry 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.

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 Easy-Care	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/Freshen up	Extra rinse with spin
 Wool	Hand and machine-washable wool or wool-rich textiles
 Delicate/Silk	Silk and delicate washable textiles
 Jeans/Dark Wash	Dark textiles
 Kidswear	Textiles for children
 Allergy Plus	Programme for allergic people and advanced hygiene
 Super 15'/30'	Extra short programme


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**

 To achieve the labelling consumption values, two cycles of the  **Drum clean 90 °C** programme without laundry must be run at initial setup.

Note: This operation only needs to be completed once.
Insert for liquid detergent (depending on the model), page 9

Compartment II: detergent for main wash, water softener, bleach, stain remover

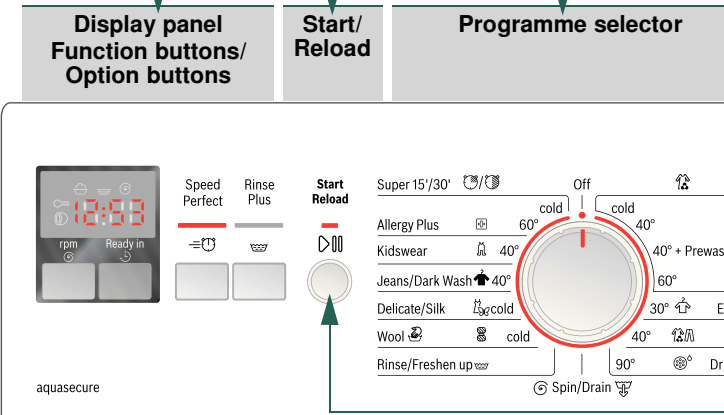
Compartment : fabric softener, starch








Compartment I: detergent for prewash

Display panel
Function buttons/
Option buttons

Start/
Reload

Programme selector



--- 1000* rpm 	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:    End	Programme progress displays: Washing, rinse, spin, programme du
	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

Observe the important information. → Page 9


Load large and small items of laundry.
Close the door. 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



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 = no final drain/spin) is active: Set the programme selector to  **Spin/Drain** or select the spin speed.
Press  **Start/Reload** button.



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

1






2

3


End of programme when ...

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



Cancel the programme

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

Change the programme if ...

- ... you have mistakenly selected the wrong programme:
- Reselect the programme.
 - Press  **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** (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.

rpm / --- (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 maximum spin speed which can be selected 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 **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

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

Childproof lock

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: The 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.

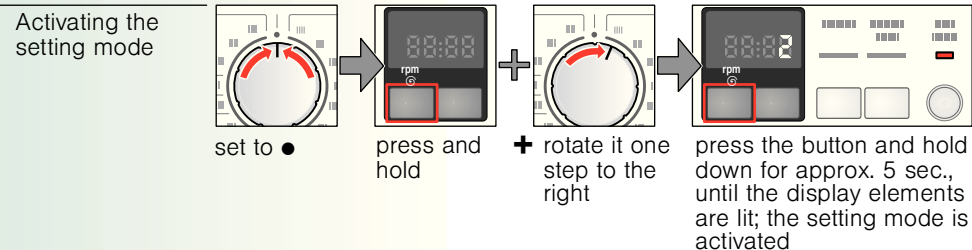
Start/Reload

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

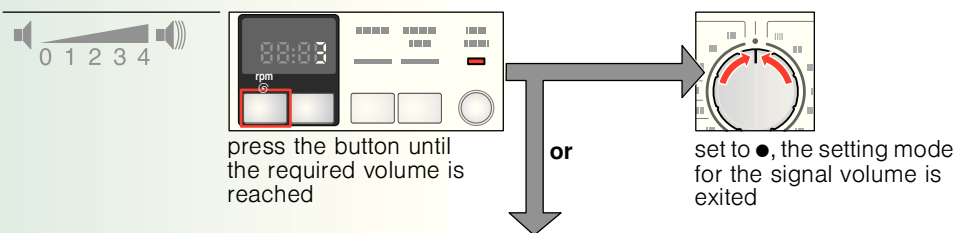
Individual settings

Signal

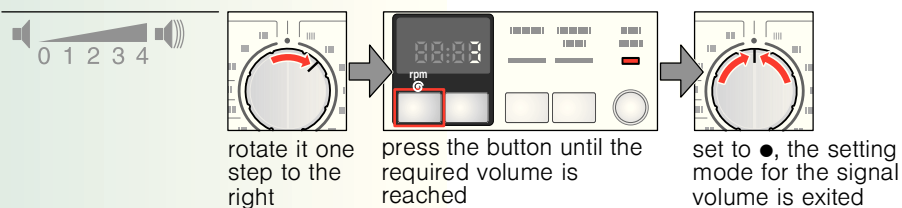
1. Activate the setting mode for the signal volume



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

Programmes °C **Max.** **Washing** **Options; information**

Programmes	°C	Max.	Washing	Options; information
Cottons	60°	7.0 kg	Standard washing programme for hard-wearing textiles made of cotton or linen.	
Cottons	Cold, 40°			
Cottons + Prewash	40°	7.0 kg/ 5.0 kg*	Energy-intensive programme for heavily soiled hard-wearing textiles made of cotton or linen.	Speed Perfect = *, Rinse Plus
Allergy Plus	60°		Programme specially designed for allergic people and advanced hygiene, suitable for hard-wearing textiles made of cotton or linen.	Speed Perfect = *, Rinse Plus ; for especially sensitive skin, extended wash cycle at selected temperature, higher water level, additional rinse cycle
Easy-Care	30°	3.5 kg	Textiles made of synthetic materials or blended fabrics.	Speed Perfect = , Rinse Plus
Mix			Mixed load consisting of textiles made of cotton and synthetic fibres.	Speed Perfect = , Rinse Plus
Jeans/Dark Wash	40°	3.0 kg	Dark coloured textiles made of cotton or synthetics.	Speed Perfect = , Rinse Plus ; Wash the clothing inside out.
Kidswear			Programme suitable for washing kids wear made of cotton or synthetic textiles.	Speed Perfect = , Rinse Plus ; Wash the clothing inside out.
Delicate/Silk	Cold		For delicate, washable textiles, e.g. made of silk, satin, synthetic fibres or blended fabrics.	Speed Perfect = , Rinse Plus ; no spin cycle between the rinse cycles
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 suited for hand washable silk.	
Super 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	90°		Programme running at 90°C to remove bacteria inside the drum.	No need for detergent.
Additional programmes				Rinse/Freshen up , Spin/Drain

* Reduced load for the **Speed Perfect** = option.

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

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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	-	7,0 kg	76,5 l	0,82 kWh	2:23 h
Cottons*	60°C	-	7,0 kg	60 l	0,69 kWh	3:53 h
Easy-Care	30°C	≡☺ Speed Perfect	3,5 kg	46,6 l	0,26 kWh	1:08 h
Mix	40°C	≡☺ Speed Perfect	3,0 kg	43,4 l	0,47 kWh	0:53 h
Delicate/Silk	cold	≡☺ Speed Perfect	2,0 kg	32,9 l	0,03 kWh	0:38 h
Wool	cold	-	2,0 kg	40,5 l	0,02 kWh	0:40 h

* Programme setting with maximum spin speed for testing in accordance with AS/NZS 2040.2 and AS/NZS 6400.

** The values deviate from the indicated values depending on water pressure, 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.



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 **Cottons + Prewash** programme.

Heavy

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

Insert for liquid detergent model-dependent

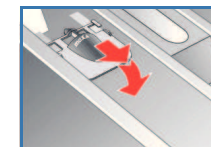


Position the insert for dispensing liquid detergent:

- Remove the detergent drawer completely → page 10.
- Slide the insert forwards.

Do not use the insert (slide upwards):

- For gel-type detergents and washing powder,
- For programmes with the **Cottons + Prewash** or the **Ready in** option.



Care/cleaning



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

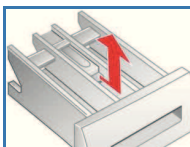
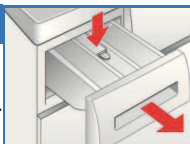
Machine housing, control panel

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



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

Drum

Leave the 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 the model*

YES	The door can be opened.
NO	The 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

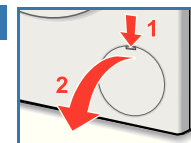


- Risk of scalding.
- Allow detergent solution to cool down.
- Turn off the tap.

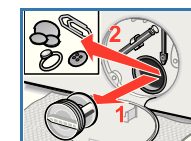
Drain pump blocked

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

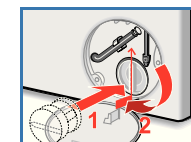
1. Open service flap.
2. Take the drainage hose out of the holder.
3. Remove sealing cap, allow detergent solution to flow out. Have a suitable container ready. Insert the sealing cap and place the drainage hose back in its holder.



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



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

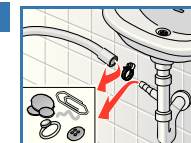


i To prevent unused detergent from flowing into the outlet during the next wash:
Pour 1 litre of water into dispenser II and start the **Spin/Drain** programme.

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 the drainage hose and secure the connection point using the hose clip.

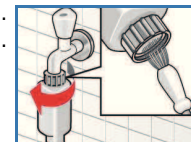


Filter in the water inlet hose blocked

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

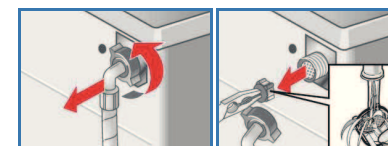
Release water pressure in the supply hose:

1. Turn off the tap.
2. Select any programme (except **Rinse/Freshen up** // **Spin/Drain**).
3. Press **Start/Reload** button. Leave programme 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 filter with small brush.



and/or for standard and Aqua-Secure models:
remove hose from the rear of the appliance. Take out 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 is not dispensed.	<ul style="list-style-type: none"> – ▷ Start/Reload not selected? – Tap not open? – Filter blocked? Clean the filter → Page 11 – Supply hose kinked or jammed?
Washing machine door cannot be opened.	<ul style="list-style-type: none"> – Safety function active. Stop the programme? → Page 4 – - - - (Rinse hold = without final drain/spin) selected? → Page 3, 4 – Can be opened via the emergency release only? → Page 13
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 drain/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.	<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? → Page 5
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. → Page 10
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. (Not for outdoor, sports and down-filled textiles!) – Reduce 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. → Installation Instructions – Transportation safety devices removed? Remove the transportation safety devices. → Installation Instructions.
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.	<ul style="list-style-type: none"> – Occasionally phosphate-free detergents contain water-insoluble residue. – Select ☼ Rinse/Freshen up or brush the laundry after washing.
If a fault cannot be rectified (switching the machine on and off) or a repair is required:	
<ul style="list-style-type: none"> – 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:



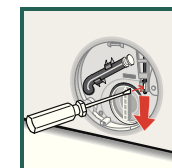
Risk of scalding.

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

*This information 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.



Washing machine

WAP24160AU



BOSCH

en Instruction manual