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 has been inspected thoroughly to ensure that it functions properly and is in perfect condition.
For further information about products, accessories, spare parts and services visit our web site: **www.bosch-home.com** or contact our after-sales service centres.

Environmentally friendly waste disposal

All packaging must be disposed of in accordance with environmental guidelines. This appliance is certified in accordance with European Directive 2002/96/EEC on waste electrical and electronic equipment (WEEE).
This directive provides the framework for the EU-wide collection and reuse of used appliances.

Observe the safety instructions on page 8.

Read these instructions before switching on the washing machine. Also follow the separate installation instructions.

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Protection of the environment/Conservation tips

– Always fill the washing machine with a maximum amount of laundry for the relevant programme.
– Wash normally soiled laundry without prewash ⅄.
– Instead of the **Cotton** ⍢ **90 °C** programme, select **Power 60** ⏲ **60 °C**, the cleaning result will be comparable, but energy consumption will be significantly lower.
– Dose the detergent according to the manufacturer's instructions and water hardness.
– If the laundry is to be subsequently dried in a tumble dryer, select a spin speed as specified by the dryer manufacturer.

Intended use

- For domestic use only.
- For washing machine-washable fabrics in a detergent solution.
- To be operated with cold mains water and commercially available low foam detergents and care products which are suitable for use in washing machines.

– *Do not leave children unattended near the washing machine!*
– *The washing machine is not to be used by children or persons not familiar with the operating instructions.*
– *Keep pets away from the washing machine!*

Programmes

Detailed programme overview. →*page 7*
The temperature and spin speed can be selected individually, irrespective of the selected programme and programme progress.

Power 60 ⏲	Hard-wearing textiles
Cotton ⍢ ⍢	
Cotton quick ⍢	
Easy Care ⅄	easy care textiles
Mix ⍢⍢	mixed types of laundry
Delicate/Silk ⍢	silk and delicate washable fabrics
Wool ⍢	hand-/machine-washable wool
Rinse ⍢	extra rinse with spin
Spin ⊛	spin with selectable spin speed
Empty ⍢	drain the rinsing water with ⍢ (Rinse stop = no final drain/spin)
Super 15' ◔	short programme
Business shirt ⍢	shirt which can be ironed, loose upper clothes
Hygiene ⍢	hard-wearing textiles
Kids wear ⍙	children clothes
Drum clean ☞	programme to clean the drum without laundry, use the programme once every three months

Preparation

Correct installation according to separate installation instructions.

Check the machine

– Never switch on a damaged machine!
– Inform your customer service!

Insert mains plug

With dry hands only!
Only hold the plug itself!

Turn on the tap

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

Dilute viscous fabric softener and fabric conditioner with water. This prevents blockages.

Before washing for the first time,

wash once without any laundry →*page 9*

Sorting and loading the laundry

Observe the care information provided by the manufacturer.
Sort according to the information on the care labels.
Sort according to type, color, soiling and temperature.
Remove any foreign objects - risk of rusting.
Do not exceed the maximum load. →*page 7*

Observe the instructions in the important information section. →*page 9*
Load both large and small items of laundry.
Close the washing machine door. Take care not to trap any items of clothing between the loading door and rubber seal.

Add detergent and care product

Add the appropriate dose according to:
Amount of laundry, soiling, water hardness (ask your water supply company) and manufacturer's instructions.
Models without insert for liquid detergent: pour liquid detergent into an appropriate dispenser and place in the drum.
During operation: close the detergent drawer!

Setting and adjusting programmes

If the ⊷ symbol lights up or flashes in the display panel, the childproof lock is active. →*deactivate, page 6*

For additional functions and option buttons, see the Individual settings section. →*page 5/6*

Select Start/Reload ⏯

All buttons are sensitive and a gentle tap is adequate! If you press and hold the Option buttons, the setting options automatically scroll through.



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



Removing laundry

– Open washing machine door and remove laundry.
– If ☵ (Rinse stop = no final drain/spin) is active: Select the spin speed or set programme selector to **Empty** ⍢ or **Spin** ⊛.
– Select **Start**/Reload ⏯.
– Remove any foreign objects - risk of rusting.

Turn off the tap

Switch off

– Set Programm selector to ● **Off.**

Programme ended when ...

... Start/Reload indicator light goes out and - ⍢ - or - - - - (if ☵ was selected, no final drain/spin) is indicated on the display panel, the buzzer sounds. *Set volume of buzzer.* →*page 6*

Change the programme ...

If you have selected the wrong programme by mistake:
– Reselect the programme.
– Select **Start**/Reload ⏯.

Pause the programme ...

– Touch the Start/**Reload** ⏯ button.
– Follow the instructions in the display field: when ⓘ lights up and ⍢ ⍢ appears in the display, the door can be opened. If required, add /remove a laundry item; if ⍢ ⍢ and ⍢ ⍢ are displayed alternately, the door cannot be opened due to a high water level in drum or a high temperature.
– Touch **Start**/Reload ⏯ button to continue the programme.

... or terminate the programme

Programmes with high temperature:
– Cool down laundry: Select **Rinse** ☵ .
– Select **Start**/Reload ⏯.
Programmes at lower temperature:
– Select **Empty** ⍢ or **Spin** ⊛ .
– Select **Start**/Reload ⏯.

Display information, Options, Functions

Display symbols



Wash: *On if wash process is running.*
Rinse: *On if rinse process is running.*
Spin: *On if spin process is active.*
Water tap: *Flashing* - tap not open or no water supply.
on – low water pressure.
Door: *On if door can be opened.*
Overdosage: *Foam detected. Maybe too much detergent.*
Automatic load detection: *Automatically detects the load size after water inlet phase and sets accurate remaining time. Symbols indicate small, middle and full loads measured* according to the recommended max. load of the selected programme.*
** Automatic display of the detected load only for washing programmes with a max. load recommendation > 3,0 kg except for Rinse, Spin and Drain. Different types of textiles with different water absorption rates may influence the load display.*

Display information



kg, e.g. 1,5 kg*: *max. recommended load for selected programme* →*page 7 "Programme overview".*
time, e.g. 3:20 : *remaining time*
2:44 : *finish-in time defined by user.* →*page 5*
PRESS : *pause*
OPEN : *door can be opened in* ***Pause*** *status*
0:0 : *end of programme*
- - -: *end of programme with the ☵ setting*
: *set volume of signals.* →*page 6*
: *information on display.* →*page 10*

*Display shown may vary depending on the model and selected programme.

Option buttons

You can change the spin speed and temperature beforehand and while the selected programme is running. The effects depending on the progress of the programme.

°C *(Temp.)*

You can change the indicated washing temperature. The maximum washing temperature which can be selected depends on the programme that has been chosen.

◔ *(Finish in)*

When you select a programme, the respective programme duration is displayed. You can delay the start of the programme before it begins. The finish-in time indicates when the programme will be finished. It can be set in hour increments up to a maximum of 24h. Press and hold the ◔ **(Finish in)** button until the required number of hours is shown (h-hour). Select **Start**/Reload ⏯.

Options, Functions

⊛ *(Spin speed)*

You can change the indicated spin speed. The maximum spin speed which can be selected depends on the chosen programme. If ☵ is selected, the load is held in the rinsing water.

⊷ *(Childproof lock)* *Programme cannot be changed by accidental operation.*

To activate the childproof lock:
– After the programme starts, press and hold the ⊷ button for 5 seconds;
– Release when the ⊷ symbol lights up.
When the programme ends, the **Start**/**Reload** ⏯ indicator remains on to remind you to deactivate the childproof lock;
If **⊷** symbol flashes if the programme has been changed while childproof lock is activated.

To deactivate the childproof lock:
– Touch the ⊷ button until the ⊷ symbol turns off;
– Release the button.

If the childproof lock is deactivated while the programme selector is in a different position from when the childproof lock was activated*, the running programme will be halted.

Additional functions *see also Programme overview →page 7*

Prewash
For heavily soiled, hard-wearing textiles. Pre-wash at max. 30 °C.

Rinse plus
Additional rinse cycles, extended washing time. For areas with very soft water or for further improvement of the rinsing result.

Easy iron
Special spin sequence with subsequent fluffing. Gentle final spin - residual moisture in the laundry increased slightly.

Night Wash
For cotton, synthetic fibres or blended fabrics. Programme with lower noise. Buzzer volume will be off.

The additional function indicator light is on when the option is selected; if the option is not selectable for the programme, this is indicated by a short flashing of the light and an acoustic signal.

⏯ *Start/Reload*

For starting or pausing the programme.

Signals

1. Start signal mode



2. Set volume for ...



**If required, set repeatedly*

Programme overview *(see also the information on page 5, 6)*

Programmes	*max. load (kg)*	*Type of laundry*	*Additional functions, information*
	°C		⅄ **Night Wash**
Power 60 ⏲	❀ 60 °C	5.0	Hard-wearing textiles; made of cotton or blended fabric	Time-controlled programme, 60 minutes Short programme for lightly soiled laundry
Cotton ⍢ ⍢	❀ 90 °C	8.0	Hard-wearing textiles; hold-resistant textiles; made of cotton or linen	For particularly sensitive skin. Longer rinsing phase ensures that detergent residues are reliably removed.
Cotton Quick ⍢	❀ 40 °C	8.0		
Hygiene ⍢	❀ 40 °C		Hard-wearing textiles made of cotton or blended fabric	⅄ **Prewash** ... ⍢ **Rinse plus** ... ⍢ **Easy Iron** ... ⅄ **Night Wash**
Mix ⍢⍢	❀ 40 °C	3.5	Different types of textiles which can be washed together; Delicate items made of cotton, linen, synthetic fibres or blended fabrics	⅄ **Prewash** ... ⍢ **Rinse plus** ... ⍢ **Easy Iron** ... ⅄ **Night Wash**
Easy Care ⅄	❀ 60 °C		Textiles for which care is easy; made of cotton, synthetic fibres or blended fabrics	⅄ **Prewash** ... ⍢ **Rinse plus** ... ⍢ **Easy Iron** ... ⅄ **Night Wash**
Kids Wear ⍙	❀ 60 °C			⅄ **Prewash** ... ⍢ **Rinse plus** ... ⍢ **Easy Iron** ... ⅄ **Night Wash**
Business shirt ⍢	❀ 60 °C		For delicate, washable textiles; made of silk, satin, synthetic fabrics	Short spin with drip dry
Delicate/Silk ⍢	❀ 40 °C	2.0	Hand- or machine-washable wool or woollitch textiles.	⅄ **Night Wash** Programme with longer rinsing phases and reduced spin speed. Longer programme, brakes laundry more in the end part of spin.
Wool ⍢	❀ 40 °C			⅄ **Night Wash**
Super 15' ◔			Easy Care textiles made of cotton, linen, synthetic fibres or blended fabrics	Short programme approx. 15 minutes. Programme with lower noise. Buzzer volume will be off.
Drum Clean ☞	❀ 60 °C	0	Empty drum, 90°C-antibacterial programme with ozone disinfectant, 40°C-antibacterial programme for use with cleaning machine cleaning detergent ❀ Useful insert	suitable for empty rotated laundry
Rinse ☵				⍢ **Rinse plus** ... ⍢ **Easy Iron** ... ⅄ **Night Wash**
Spin ⊛		8.0	Washable textiles	⍢ **Rinse plus** ... ⍢ **Easy Iron** ... ⅄ **Night Wash**
Empty ⍢				⅄ **Night Wash**

1 The programmes are time-controlled for lightly soiled textiles. If textiles are heavily soiled, reduce the load and select additional function.
2 The programmes are suitable for mixing cotton and synthetic fibres. All programmes with prewash: Select detergent dispenser compartment I and ❀.
3 The **Cotton quick** programme is recommended for normal use.

For further information and a selection of our products go to our web site: http://www.bosch-home.com
0 811739 Customer Service 24 hours a day, 7 days a week

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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 the power cord.
- Never insert/pull out the mains plug with damp hands.

Risk of death
For worn-out 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 and risking their lives.

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
- Items of laundry pretreated with cleaning agents containing solvents, e.g. stain remover/cleaning solvents may lead to an explosion after being loaded into the washing machine. Rinse items of laundry thoroughly by hand beforehand.

Risk of injury
- Washing machine door may become very hot.
- Take care when draining hot detergent solution.
- Do not climb onto the washing machine.
- Do not lean on the open washing machine door.
- Do not touch the drum in case it is still spinning.
- Be careful when opening the detergent drawer while the machine is in operation.

Consumption values

Programme	Load	Electricity consumption*	Water**	Programme duration**
Cotton 30 °C	8.0 kg	0.47 kWh	75 l	2:41 h
Cotton 40 °C	8.0 kg	0.80 kWh	75 l	2:41 h
Power 60 60°C	8.0 kg	1.36 kWh	70 l	2:46 h
Cotton 90 °C	8.0 kg	2.63 kWh	84 l	2:35 h
Easy Care 40 °C	3.5 kg	0.52 kWh	55 l	1:00 h
Mix 40 °C	3.5 kg	0.61 kWh	52 l	1:03 h
Delicate/Silk 30 °C	2.0 kg	0.16 kWh	30 l	0:39 h
Wool (cold)	2.0 kg	0.08 kWh	41 l	0:36 h
Wool 30 °C	2.0 kg	0.14 kWh	39 l	0:36 h

*: Programme setting for testing and energy labelling in accordance with IEC60456.
**: The values may deviate from the indicated values depending on water pressure, hardness, and inlet temperature, ambient temperature, type, amount and soiling of the laundry, detergent used, fluctuations in the power supply and selected additional functions.

Important information

Preparing/Protecting the laundry and the machine

- Empty pockets.
- Look out for metal items (paperclips, etc.).
- Wash delicates in a net/bag (tights, curtains, underwired bras).
- Fasten zips, do up any buttons.
- Brush sand out of pockets and collars.
- Remove curtain fittings or in a laundry bag.

Before washing for the first time

Do not load any laundry into the machine. Turn on the tap. Add the following to compartment **II**:
- approx. 1 litre water
- detergent (dosage according to the manufacturer's instructions for light soiling and the appropriate degree of water hardness)

Set the programme selector to **Drum Clean** 60° **40 °C** and select **Start**/Reload ▶‖. At the end of the programme, turn the programme selector to **● Off**.

Laundry with different degrees of soiling



Wash new items separately.

Light — Do not prewash.

If required, pretreat stains. Select **Power 60** ↻ or **Pre-wash** ⚓ additional function.

Heavy — Load less laundry. Prewash.

If required, pretreat stains. Select **Power 60** ↻ or **Pre-wash** ⚓ additional function.

Soaking — *Load laundry of the same colour.*

Pour soaking agent/detergent into compartment **II** according to the manufacturer's instructions. Set **Power 60** ↻ **30 °C** programme and select **Start**/Reload ▶‖. After approx. 10 minutes, select Start/**Reload** ▶‖. After the required soaking time, reselect **Start**/Reload ▶‖ if the programme is to be continued or change the programme.

Starching — *Laundry must not be treated with fabric softener.*

Starching is possible in all washing programmes if liquid starch is used. Add starch to the fabric softener compartment ❀ in accordance with the manufacturer's instructions.

Dyeing/bleaching

Dye in small quantities only. Salt can corrode stainless steel.
Observe the dye manufacturer's instructions.
Do **not** bleach laundry in the washing machine.

Care

– *Risk of electric shock!*
– *Pull out the mains plug!*
– *Risk of explosion! No solvents!*

Machine housing, control panel

– Wipe with a soft, damp cloth.
– Do not use any abrasive cloths, scourers or cleaning agents (stainless steel cleaners).
– Immediately remove laundry and cleaning agent residues.
– Do not clean the appliance with a water jet.

Clean the detergent drawer ...

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



1. Pull out the drawer up to the stop position, press down the latch on the insert and remove the drawer completely .
2. Remove insert: pull insert upwards with finger.
3. Clean the detergent dispenser and the insert with water and a brush.
4. Refit the insert and secure in place (the cylinder should fit over the guide pin).
5. Insert the detergent drawer.
6. Leave the detergent drawer open so that residual water can evaporate.

Drum

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

Descaling — *No laundry in the machine!*

This is not necessary if the detergent is dosed correctly. However, if it is necessary, follow the instructions of the descaler manufacturer. Suitable descaling products can be purchased from our website or after-sales service. →*page 13*

Information on the display

8:01	Please close the door immediately because of rising water level. In pause status 8:01 and 0:00 are displayed alternately.
8:02	Door is locked due to safety reasons (water level and/or temperature are too high); in pause status, 8:02 and 0:00 are displayed alternately. If you need to open the door, wait for the temperature to drop or drain the water (e.g. select **Empty** programme).
8:03	Door cannot be locked/unlocked due to high temperature of the door lock. Wait a moment and try again.
	Flashing (no water supply): Tap turned on? Inlet filter blocked ? Clean filter. →*page 11* Supply hose kinked or blocked ? — **On** (low water pressure): Only information. No influence on the programme process.
E:18	Clean drain pump; →*page 11* outlet pipe/drainage hose blocked.
other displays	Switch off the appliance, wait 5 seconds and switch it back on. If the display appears again, call the customer service →*page 13*

Maintenance

– *Risk of scalding!*
– *Allow detergent solution to cool down!*
– *Turn off the tap!*

Drain pump

– Set the programme selector to **● Off**, disconnect the mains plug.



1. Open and remove the service flap.
2. Release the drainage hose from the clip. Remove the sealing plug from the drainage hose, allow the detergent solution to flow out. Push the sealing cap back in.
3. Remove the pump cap. Remove foreign objects/loose debris/fluff from inside and clean the pump. (impeller in the pump must be able to rotate)
4. Clean any residual lye or fluff from the thread of the pump cap and pump housing.
5. Attach the pump cap and screw it on tight until the stop, handle is upright. Place the drainage hose back in the retainer.
6. Place the service flap back on and close.

To prevent unused detergent from flowing straight into the drain during the next wash cycle: pour 1 litre of water into compartment **II** and start the **Empty** programme. Then select and start a new washing programme with detergent as usual.

Filter in the water inlet hose

Reduce the water pressure in the supply hose:

1. Turn off the tap.
2. Select any programme (except **Spin** ⊘/**Empty**).
3. Touch **Start**/Reload ▶‖ button and allow the programme to run for approx. 40 seconds.
4. Set the programme selector to **● Off**. Disconnect the mains plug.

Clean the filter:

1. Remove the supply hose from the tap. Clean the filter with a small brush.



or

Remove the supply hose from the rear of the appliance. Remove the filter with pliers and clean.



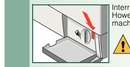
2. Reconnect the supply hose and check if it is tight.

What to do if ...

Water is leaking out.	– Fit/refit drainage hose correctly. – Tighten the screw connection of the supply hose.
No water supply. Detergent not dispensed.	– **Start**/Reload ▶‖ not selected? – Water tap not turned on? – Supply hose filter blocked? Clean the filter. →*page 11* – Supply hose kinked or trapped?
Washing machine door cannot be opened.	– Safety function active. Programme stopped? →*page 4* – (Rinse stop– no final drain/spin) selected? →*page 6* – Can be opened by emergency release only. →*page13*
Programme does not start.	– **Start**/Reload ▶‖ or **Finish in time** selected? – Washing machine door closed?
Detergent solution is not drained.	– Clean the drain pump; →*page 11* – Clean waste pipe and/or drainage hose.
Water not visible in the drum.	– Not a fault - water below the visible area.
Spin result not satisfactory.	– Wash small and large items of laundry together. – **Easy iron** selected? →*page 6* – Speed selected too low? →*page 6*
Spin cycle performed several times.	– Not a fault - unbalanced load detection system adjusts the imbalance.
Compartment ® not rinsed out completely.	– Remove the insert. Clean detergent drawer and insert. →*page 10*
Odour formation in the washing machine.	– Run **Drum Clean 90 °C** programme without laundry. – Use standard detergent.
Foam escapes from the detergent drawer.	– Too much detergent used? Mix 1 tablespoon of fabric softener with ½ litre of water and pour into compartment **II** in the detergent drawer. – Reduce detergent dosage for the next wash cycle.
Excessive noise, vibrations and "wandering" during spin cycle.	– Are the appliance feet fixed? Secure the appliance feet. →*Installation instructions, page 5* – Transport bolts removed? Remove transport bolts. *Installation instructions, page 3*
Display panel/indicator lamps do not light up while the appliance is running.	– Power failure/off? Interrupted programme will be resumed when power returns. – Circuit breaker tripped? Reset the circuit breaker/ change the fuse. – If the fault occurs repeatedly, call the customer service.
Programme sequence longer than usual.	– Not a fault - unbalanced load detection system adjusts imbalance by repeatedly distributing the laundry. – Not a fault - foam detection system active - adds an additional rinse cycle.
Detergent residues on the laundry.	– Occasionally, phosphate-free detergents contain water-insoluble residues. – Select **Rinse** or brush the laundry after washing.

If you cannot correct a fault yourself or a repair is required:
– Turn the programme selector to **● Off** and pull the mains plug out of the socket.
– Turn off the tap and call the customer services. →*page 13*

Emergency release *e.g. in the event of power failure*



Interrupted programme will be resumed when power returns. However, if the laundry has to be removed, the washing machine door can be opened as follows:

⚠ *Risk of scalding.*
The detergent solution and laundry may be hot.
If possible, leave it to cool down.
Do not reach into the drum if it is still rotating.
Do not open the washing machine door if water can be seen through the glass.

– Set the programme selector to **● Off** and disconnect the mains plug.
– Drain the detergent solution. →*page 11*
– Pull the emergency release with a tool and release. The washing machine door can then be opened.

Customer service

If you cannot rectify the fault yourself →*page 12: What to do if ...*, please contact our after-sales service. We will always find a suitable solution and will avoid a visit from a service technician wherever possible.

The contact details for all countries can be found in the enclosed after-sales service directory.

Please give the customer service the product number (E-Nr.) and the production number (FD) of the appliance.

E-Nr._____ FD_____
Product number Production number

You will find the identification plate containing this information on the frame of the open door , and of the rating plate on the back of the appliance.

Rely on the professionalism of the manufacturer. Please contact us.
This will ensure that the repair is carried out by trained service technicians who arrive equipped with genuine spare parts for your appliance.



Washing machine WAS24460IN BOSCH

en Instruction manual

Your washing machine

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Protection of the environment/Conservation tips

- Always fill the washing machine with a maximum amount of laundry for the relevant programme.
- Wash normally soiled laundry without prewash.
- Instead of the **Cotton 90 °C** programme, select **Power 60' 60 °C**, the cleaning result will be comparable, but energy consumption will be significantly lower.
- Dose the detergent according to the manufacturer's instructions and water hardness.
- If the laundry is to be subsequently dried in a tumble dryer, select a spin speed as specified by the dryer manufacturer.

Intended use

- For domestic use only.
- For washing machine-washable fabrics in a detergent solution.
- To be operated with cold mains water and commercially available low foam detergents and care products which are suitable for use in washing machines.

- *Do not leave children unattended near the washing machine!*
- *The washing machine is not to be used by children or persons not familiar with the operating instructions.*
- *Keep pets away from the washing machine!*

Programmes

Detailed programme overview. →*page 7*

The temperature and spin speed can be selected individually, irrespective of the selected programme and programme progress.

Power 60' / **Cotton** / **Cotton quick**	Hard-wearing textiles
Easy Care	easy care textiles
Mix	mixed types of laundry
Delicate/Silk	silk and delicate washable fabrics
Wool	hand-/machine-washable wool
Rinse	extra rinse with spin
Spin	extra spin with selectable spin speed
Empty	drain the rinsing water with (Rinse stop = no final drain/spin)
Super 15'	short programme
Business shirt	shirt which can be ironed, loose upper clothes
Hygiene	hard - wearing textiles
Kids wear	children clothes
Drum clean	programme to clean the drum without laundry, use the programme once every three months

Preparation

Correct installation according to separate installation instructions.



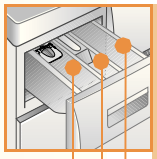
Check the machine

- Never switch on a damaged machine!
- Inform your customer service!



Insert mains plug

With dry hands only!
Only hold the plug itself!



Turn on the tap

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

Compartment ❀: fabric softener, starch

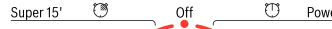
Compartment I: detergent for prewash

Display panel/ Option buttons/ Additional functions

Programme selector



8 KG / 1200 rpm



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

Before washing for the first time,

wash once without any laundry →page 9

Sorting and loading the laundry

Observe the care information provided by the manufacturer.
Sort according to the information on the care labels.
Sort according to type, color, soiling and temperature.
Remove any foreign objects - risk of rusting.
Do not exceed the maximum load. →*page 7*

Observe the instructions in the Important information section. →*page 9*
Load both large and small items of laundry.
ose the washing machine door. Take care not to trap any items of clothing between the loading door and rubber seal.

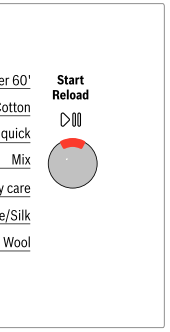
Add detergent and care product

Add the appropriate dose according to:
Amount of laundry, soiling, water hardness (ask your water supply company) and manufacturer's instructions.
Models without insert for liquid detergent: pour liquid detergent into an appropriate dispenser and place in the drum.
During operation: close the detergent drawer!

Dilute viscous fabric softener and fabric conditioner with water. This prevents blockages.

Setting and adjusting programmes

Start/ Reload



If the ⊸o symbol lights up or flashes in the display panel, the childproof lock is active.
→deactivate, page 6

For additional functions and option buttons, see the Individual settings section. →page 5/6

Select Start/Reload ▷II

All buttons are sensitive and a gentle tap is adequate!
If you press and hold the Option buttons, the setting options automatically scroll through.

Washing



1

2

3

Washing

Removing laundry

- Open washing machine door and remove laundry.
  If ⌓ (Rinse stop = no final drain/spin) is active: Select the spin speed or set programme selector to **Empty** or **Spin** .
- Select **Start**/Reload ▷II.
- Remove any foreign objects - risk of rusting.

Turn off the tap

Switch off

- Set Programm selector to ● **Off.**

Programme ended when ...

... Start/Reload indicator light goes out and - 0 - or - - - - (if ⌓ was selected, no final drain/spin) is indicated on the display panel, the buzzer sounds. *Set volume of buzzer.* →*page 6*

Change the programme ...

If you have selected the wrong programme by mistake:
- Reselect the programme.
- Select **Start**/Reload ▷II.

Pause the programme ...

- Touch the Start/**Reload** ▷II button.
- Follow the instructions in the display field: when ⓪ lights up and DOOR appears in the display, the door can be opened. If required, add /remove a laundry item; If A02 and PAUS are displayed alternately, the door cannot be opened due to a high water level in drum or a high temperature.
- Touch **Start**/Reload ▷II button to continue the programme.

... or terminate the programme

Programmes with high temperature:
- Cool down laundry: Select **Rinse** .
- Select **Start**/Reload ▷II.

Programmes at lower temperature:
- Select **Empty** or **Spin** .
- Select **Start**/Reload ▷II.

Display information, Options, Functions

Display symbols



Wash: *On if wash process is running.*	
Rinse: *On if rinse process is running.*	
Spin: *On if spin process is active.*	
Water tap:	***Flashing*** - tap not open or no water supply. ***on*** – low water pressure.
Door: *On if door can be opened.*	
Overdosage: *Foam detected. Maybe too much detergent.*	
Automatic load detection: *Automatically detects the load size after water inlet phase and sets accurate remaining time. Symbols indicate small, middle and full loads measured* according to the recommended max. load of the selected programme.* * Automatic display of the detected load only for washing programmes with a max. load recommendation > 3.0 kg except for Rinse, Spin and Drain. Different types of textiles with different water absorption rates may influence the load display.*	

Display information



Before starting a programme, the max. load for the selected programme is displayed when the door is open. The remaining time or finish-in time is displayed when the door is closed.

*Display shown may vary depending on the model and selected programme.

kg, e.g. 7.5 kg*:	*max. recommended load for selected programme →page 7 "Programme overview"*
time, e.g. 0:30* :	*remaining time*
24h* :	*finish-in time defined by user. →page 5*
PAUS :	*pause*
OPEN :	*door can be opened in **Pause** status*
- 0 -* :	*end of programme*
- - - -* :	*end of programme with the setting*
0*:	*set volume of signals. →page 6*
E: 18* :	*information on display. →page 10*

Option buttons

You can change the spin speed and temperature beforehand and while the selected programme is running. The effects depending on the progress of the programme.

°C (Temp.)

You can change the indicated washing temperature. The maximum washing temperature which can be selected depends on the programme that has been chosen.

(Finish in)

When you select a programme, the respective programme duration is displayed. You can delay the start of the programme before it begins. The finish-in time indicates when the programme will be finished. It can be set in hour increments up to a maximum of 24h. Press and hold the **(Finish in)** button until the required number of hours is shown (h=hour). Select **Start**/Reload.

Options, Functions

(Spin speed)

You can change the indicated spin speed. The maximum spin speed which can be selected depends on the chosen programme. If is selected, the load is held in the rinsing water.

(Childproof lock)

Programme cannot be changed by accidental operation.

To activate the childproof lock:
– After the programme starts, press and hold the button for 5 seconds;
– Release when the symbol lights up.
When the programme ends, the **Start/Reload** indicator remains on to remind you to deactivate the childproof lock.
* symbol flashes if the programme has been changed while childproof lock is activated.

To deactivate the childproof lock:
– Touch the button until the symbol turns off;
– Release the button.

If the childproof lock is deactivated while the programme selector is in a different position from when the childproof lock was activated*, the running programme will be halted.

Additional functions

see also Programme overview →page 7

Prewash	For heavily soiled, hard-wearing textiles. Pre-wash at max. 30 °C.
Rinse plus	Additional rinse cycles, extended washing time. For areas with very soft water or for further improvement of the rinsing result.
Easy iron	Special spin sequence with subsequent fluffing. Gentle final spin - residual moisture in the laundry increased slightly.
Night Wash	For cotton, synthetic fibres or blended fabics. Programme with lower noise. Buzzer volume will be off.

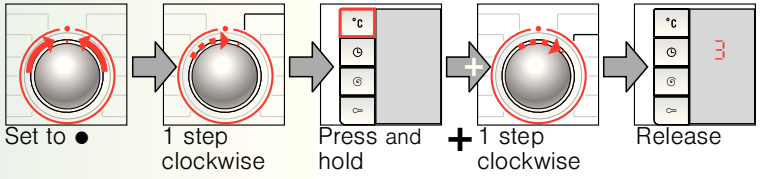
The additional function indicator light is on when the option is selected; if the option is not selectable for the programme, this is indicated by a short flashing of the light and an accoustic signal.

Start/Reload

For starting or pausing the programme.

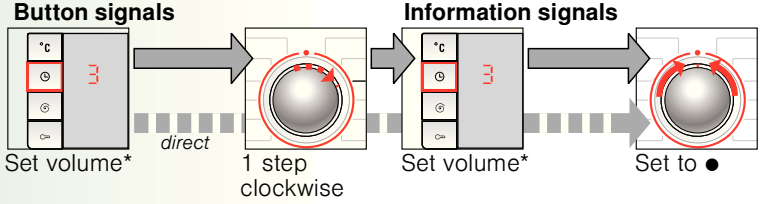
Signals

1. Start signal mode



2. Set volume for ...





*If required, set repeatedly

Programme overview (see also the information on page 5, 6)

Programmes	°C	max. (kg)	Type of laundry 	Additional functions; information
Power 60'	❄ - 60 °C	5.0	Hard-wearing textiles made of cotton or blended fabric	**Night Wash** Time-controlled programme, 60 minutes.Short programme for normally soiled laundry.
Cotton	❄ - 90 °C	8.0	Hard-wearing textiles, heat-resisitant textiles made of cotton or linen	**Prewash**, **Rinse plus**, **Easy iron**, **Night Wash** For particularly sensitive skin, longer wash cycle at selected temperature, additional rinse cycle.
Cotton Quick	❄ - 40 °C			
Hygiene	❄ - 60 °C		Hard-wearing textiles made of cotton or blended fabric	
Mix	❄ - 40 °C	3.5	Textiles made of cotton and easy-care textiles	**Prewash**, **Rinse plus**, **Easy iron**, **Night Wash** Different types of textiles which can be washed together.
Easy Care	❄ - 60 °C		Easy-Care textiles made of cotton, linen, synthetic fibres or blended fabrics	**Prewash**, **Rinse plus**, **Easy iron**, **Night Wash**
Kids Wear			Textiles for kids, care for the skin of kids	**Prewash**, **Rinse plus**, **Easy iron**, **Night Wash**
Business shirt	❄ - 60 °C	2.0	Non-iron shirts made of cotton, linen, synthetic fibres or blended fabrics	**Prewash**, **Rinse plus**, **Easy iron**, **Night Wash** Short spin only, drip dry.
Delicates/Silk	❄ - 40 °C		For delicate, washable texitiles, e.g.made of silk, satin, synthetic fibres or blended fabrics	**Prewash**, **Rinse plus**, **Easy iron,** **Night Wash** Short spin only between the rinse cycles.
Wool			Hand- or machine- washable wool or wool-rich textiles.	**Night Wash** Particulary gentle wash programme to avoid shrinkage, longer programme breaks (laundry rests in the detergent solution).
Super 15'			Easy-Care textiles made of cotton, linen, synthetic fibres or blended fabrics	**Night Wash** Short programme approx. 15 minutes, suitable for lightly soiled laundry.
Drum Clean	❄,40,90	0	Drum clean programme, 90°C=antibacterial programme, pour no detergent, 40°C= antibacterial programme for use with special washing machine cleaning detergent, ❄ cold=save energy	**Night Wash**
Rinse		8.0	Washable texitles	**Rinse plus**, **Easy iron**, **Night Wash**
Spin				**Easy iron**, **Night Wash**
Empty				**Night Wash**

i The programmes are time-controlled for lightly soiled textiles. If textiles are heavily soiled, reduce the load and select additional function,
Programmes without prewash - pour detergent into compartment **II**; programmes with prewash - divide detergent between compartments **I** and **II.**

* The **Cotton quick** programme is recommended for normal use.

For further information and a selection of our products go to our web site: http://www.bosch-home.com or contact our customer service centres

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WAS24460IN

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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 the power cord.
- Never insert/pull out the mains plug with damp hands.

Risk of death

For worn-out 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 and risking their lives.

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
- Items of laundry pretreated with cleaning agents containing solvents, e.g. stain remover/cleaning solvents may lead to an explosion after being loaded into the washing machine. Rinse items of laundry thoroughly by hand beforehand.

Risk of injury
- Washing machine door may become very hot.
- Take care when draining hot detergent solution.
- Do not climb onto the washing machine.
- Do not lean on the open washing machine door.
- Do not touch the drum in case it is still spinning.
- Be careful when opening the detergent drawer while the machine is in operation.

Consumption values

Programme	*Load*	*Electricity consumption***	*Water***	*Programme duration* **
Cotton 30 °C	8.0 kg	0.47 kWh	75 l	2:41 h
Cotton 40 °C	8.0 kg	0.80 kWh	75 l	2:41 h
Power 60' 60°C*	8.0 kg	1.36 kWh	70 l	2:46 h
Cotton 90 °C	8.0 kg	2.63 kWh	84 l	2:35 h
Easy Care 40 °C	3.5 kg	0.52 kWh	55 l	1:00 h
Mix 40 °C	3.5 kg	0.61 kWh	52 l	1:03 h
Delicate/Silk 30 °C	2.0 kg	0.16 kWh	30 l	0:39 h
Wool (cold)	2.0 kg	0.08 kWh	41 l	0:36 h
Wool 30 °C	2.0 kg	0.14 kWh	39 l	0:36 h

* Programme setting for testing and energy labelling in accordance with IEC60456.

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

Important information

Preparing/Protecting the laundry and the machine

- Empty pockets.
- Look out for metal items (paperclips, etc.).
- Wash delicates in a net/bag (tights, curtains, underwired bras).
- Fasten zips, do up any buttons.
- Brush sand out of pockets and collars.
- Remove curtain fittings or in a laundry bag.

Before washing for the first time

Do not load any laundry into the machine. Turn on the tap. Add the following to compartment **II**:
- approx. 1 litre water
- detergent (dosage according to the manufacturer's instructions for light soiling and the appropriate degree of water hardness)

Set the programme selector to **Drum Clean** **40 °C** and select **Start**/Reload. At the end of the programme, turn the programme selector to ● **Off**.

Laundry with different degrees of soiling



Wash new items separately.

Light — Do not prewash.

If required, pretreat stains. Select **Power 60'** or **Pre-wash** additional function.

Heavy — Load less laundry. Prewash.
If required, pretreat stains. Select **Power 60'** or **Pre-wash** additional function.

Soaking

Load laundry of the same colour.

Pour soaking agent/detergent into compartment **II** according to the manufacturer's instructions. Set **Power 60'** **30 °C** programme and select **Start**/Reload. After approx. 10 minutes, select Start/**Reload**. After the required soaking time, reselect **Start**/Reload if the programme is to be continued or change the programme.

Starching

Laundry must not be treated with fabric softener.

Starching is possible in all washing programmes if liquid starch is used. Add starch to the fabric softener compartment in accordance with the manufacturer's instructions.

Dyeing/bleaching

Dye in small quantities only. Salt can corrode stainless steel.
Observe the dye manufacturer's instructions.
Do **not** bleach laundry in the washing machine.

Care

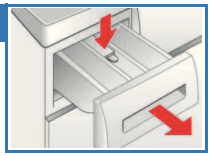
– *Risk of electric shock! Pull out the mains plug!*
– *Risk of explosion! No solvents!*

Machine housing, control panel

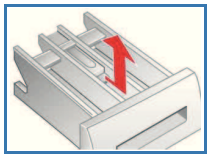
– Wipe with a soft, damp cloth.
– Do not use any abrasive cloths, scourers or cleaning agents (stainless steel cleaners).
– Immediately remove laundry and cleaning agent residues.
– Do not clean the appliance with a water jet.

Clean the detergent drawer ...

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



1. Pull out the drawer up to the stop position, press down the latch on the insert and remove the drawer completely .



2. Remove insert: pull insert upwards with finger.
3. Clean the detergent dispenser and the insert with water and a brush.
4. Refit the insert and secure in place (the cylinder should fit over the guide pin).
5. Insert the detergent drawer.
6. Leave the detergent drawer open so that residual water can evaporate.

Drum

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

Descaling

No laundry in the machine!

This is not necessary if the detergent is dosed correctly. However, if it is necessary, follow the instructions of the descaler manufacturer. Suitable descaling products can be purchased from our website or after-sales service. →*page 13*

Information on the display

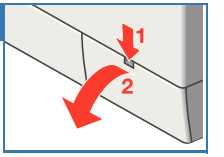
A:01	Please close the door immediately because of rising water level. In pause status A:01 and OPEN are displayed alternately.	
A:02	Door is locked due to safety reasons (water level and/or temperature are too high); in pause status, A:02 and PAUS are displayed alternately. If you need to open the door, wait for the temperature to drop or drain the water (e.g. select **Empty** programme).	
A:03	Door cannot be locked/unlocked due to high temperature of the door lock. Wait a moment and try again.	
	Flashing (no water supply): Tap turned on? Inlet filter blocked ? Clean filter. →*page 11* Supply hose kinked or blocked ?	**On** (low water pressure): Only information. No influence on the programme process.
E:18	Clean drain pump; →*page 11* outlet pipe/drainage hose blocked.	
other displays	Switch off the appliance, wait 5 seconds and switch it back on. If the display appears again, call the customer service →*page 13*	

Maintenance

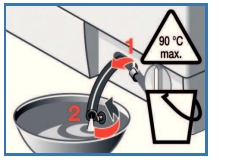
– *Risk of scalding! Allow detergent solution to cool down!*
– *Turn off the tap!*

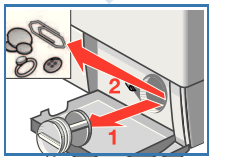
Drain pump

– Set the programme selector to ● **Off**, disconnect the mains plug.

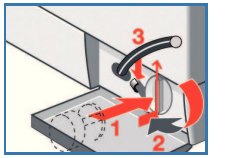


1. Open and remove the service flap.
2. Release the drainage hose from the clip.
   Remove the sealing plug from the drainage hose, allow the detergent solution to flow out. Push the sealing cap back in.





3. Remove the pump cap. Remove foreign objects/loose debris/fluff from inside and clean the pump. (impeller in the pump must be able to rotate).
4. Clean any residual lye or fluff from the thread of the pump cap and pump housing.



5. Attach the pump cap and screw it on tight until the stop, handle is upright. Place the drainage hose back in the retainer.
6. Place the service flap back on and close.

To prevent unused detergent from flowing straight into the drain during the next wash cycle: pour 1 litre of water into compartment **II** and start the **Empty** programme. Then select and start a new washing programme with detergent as usual.

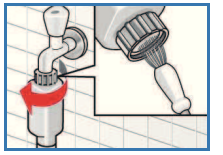
Filter in the water inlet hose

Reduce the water pressure in the supply hose:

1. Turn off the tap.
2. Select any programme (except **Spin**/**Empty**).
3. Touch **Start**/Relaod button and allow the programme to run for approx. 40 seconds.
4. Set the programme selector to ● **Off**. Disconnect the mains plug.

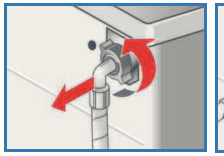
Clean the filter:

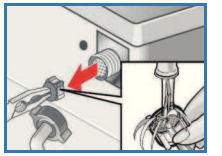
1. Remove the supply hose from the tap.
   Clean the filter with a small brush.



or

Remove the supply hose from the rear of the appliance. Remove the filter with pliers and clean.





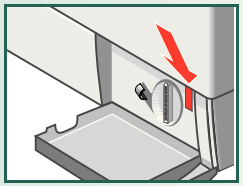
2. Reconnect the supply hose and check if it is tight.

What to do if ...

Water is leaking out.	– Fit/refit drainage hose correctly. – Tighten the screw connection of the supply hose.
No water supply. Detergent not dispensed.	– **Start**/Reload ▷II not selected? – Water tap not turned on? – Supply hose filter blocked? Clean the filter. →*page 11* – Supply hose kinked or trapped?
Washing machine door cannot be opened.	– Safety function active. Programme stopped? →*page 4* – (Rinse stop= no final drain/spin) selected? →*page 6* – Can be opened by emergency release only. →*page13*
Programme does not start.	– **Start**/Reload ▷II or ◷ **Finish in time** selected? – Washing machine door closed?
Detergent solution is not drained.	– Clean the drain pump. →*page 11* – Clean waste pipe and/or drainage hose.
Water not visible in the drum.	– Not a fault - water below the visible area.
Spin result not satisfactory.	– Wash small and large items of laundry together. – **Easy iron** selected? →*page 6* – Speed selected too low? →*page 6*
Spin cycle performed several times.	– Not a fault - unbalanced load detection system adjusts the imbalance.
Compartment ❀ not rinsed out completely.	– Remove the insert. Clean detergent drawer and insert. →*page 10*
Odour formation in the washing machine.	– Run **Drum Clean 90 °C** programme without laundry. – Use standard detergent.
Foam escapes from the detergent drawer.	– Too much detergent used? Mix 1 tablespoon of fabric softener with ½ litre of water and pour into compartment II in the detergent drawer. – Reduce detergent dosage for the next wash cycle.
Excessive noise, vibrations and "wandering" during spin cycle.	– Are the appliance feet fixed? Secure the appliance feet. →*Installation instructions, page 5* – Transport bolts removed? Remove transport bolts. *Installation instructions, page 3*
Display panel/indicator lamps do not light up while the appliance is running.	– Power failure/off? Interrupted programme will be resumed when power returns. – Circuit breaker tripped? Reset the circuit breaker/ change the fuse. – If the fault occurs repeatedly, call the customer service.
Programme sequence longer than usual.	– Not a fault - unbalanced load detection system adjusts imbalance by repeatedly distributing the laundry. – Not a fault - foam detection system active - adds an additional rinse cycle.
Detergent residues on the laundry.	– Occasionally, phosphate-free detergents contain water-insoluble residues. – Select **Rinse** or brush the laundry after washing.

If you cannot correct a fault yourself or a repair is required:
– Turn the programme selector to ● **Off** and pull the mains plug out of the socket.
– Turn off the tap and call the customer services. →*page 13*

Emergency release *e.g. in the event of power failure*



Interrupted programme will be resumed when power returns. However, if the laundry has to be removed, the washing machine door can be opened as follows:

Risk of scalding.
The detergent solution and laundry may be hot.
If possible, leave it to cool down.
Do not reach into the drum if it is still rotating.
Do not open the washing machine door if water can be seen through the glass.

– Set the programme selector to ● **Off** and disconnect the mains plug.
– Drain the detergent solution. →*page 11*
– Pull the emergency release with a tool and release. The washing machine door can then be opened.

Customer service

If you cannot rectify the fault yourself →*page 12: What to do if ...*, please contact our after-sales service. We will always find a suitable solution and will avoid a visit from a service technician wherever possible.

The contact details for all countries can be found in the enclosed after-sales service directory.

Please give the customer service the product number (E-Nr.) and the production number (FD) of the appliance.

E-Nr._____ **FD**____

Product number Production number

You will find the identification plate containing this information on the frame of the open door , and of the rating plate on the back of the appliance.

Rely on the professionalism of the manufacturer. Please contact us.
This will ensure that the repair is carried out by trained service technicians who arrive equipped with genuine spare parts for your appliance.



Washing machine WAS24460IN

BOSCH

en Instruction manual