Haier

User Manual   HWF90BW1
Washing Machine

Thanks for purchasing a Haier Product

Please read these instructions carefully before using this appliance. The instructions contain important information which will help you get the best out of the appliance and ensure safe and proper installation, use and maintenance.

Keep this manual in a convenient place so you can always refer to it for the safe and proper use of the appliance.

If you sell the appliance, give it away, or leave it behind when you move house, make sure you also pass on this manual so that the new owner can become familiar with the appliance and safety warnings.
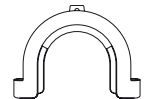
Accessories

Check the accessories and literature in accordance with this list:
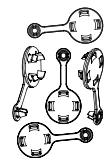
1x User Manual
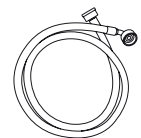
1x Drain hose bracket

1x Bottom Cover

5x Blanking Plugs

1x Felt

1x Inlet hose assembly

Denoise pad

2x ☐
2x ☐

Legend

✔   Yes

✖   No

◉   Optional

⚠   Warning! Important safety information!

❗   General information and tips

Disposal

The presence of this symbol on the product, accessories or materials that goes with this information indicates that at the end of its useful life the product or its electronic accessories should not be disposed with other household waste.

To prevent possible damage to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them. This will promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased the product or the relevant local authorities to find out how they can take this item for environmentally safe recycling and safety.
Business users should contact their supplier and check the conditions of the purchase. This product and its electronic accessories should not be mixed with other commercial waste.

Before switching the appliance on for the first time

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

Do...

✓ Make sure that the transport bolt is removed.

✓ Use a separate earthed socket for the power supply.

✓ Make sure that the plug is accessible.

✓ Hold the plug and not the electric cable when unplugging the power supply.

✓ Make sure that the fuses in the power circuit are rated for 15A.

✓ Keep it away from heat sources and direct sunlight to prevent plastic and rubber components from aging.

✓ Make sure that the power card is not caught under or in the appliance and avoid damage to the power cable.

✓ Check that hose joints and connections are firm and with no water leaking. If joints are not firm there will be leakage, turn off the water supply and refix it. Do not use the washing machine until the hoses are totally fixed.

✓ Make sure that the water pressure range in 0.03MPa-1MPa

✓ If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

✓ This washing machine is used for the following places:

– staff kitchen areas in shops, offices and other working environments;
– farm houses;
– by clients in hotels, motels and other residential type environments;
– bed and breakfast type environments;
– areas for communal use in blocks of flats or in launderettes.
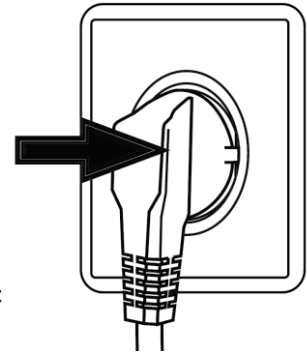
Do not...

✘ Touch or use the appliance when barefoot or with wet or damp hands or feet.

✘ Use flammable detergent or dry cleaning agent.

✘ Use any flammable sprays in close vicinity to the appliance.

✘ Remove or insert the plug in presence of flammable gas.

✘ Allow children or infirm persons to play with the appliance or packing materials.

✘ Install the appliance outdoors in a damp place, or in an area which may be prone to water leaks such as under or near a sink unit. In the event of a water leak allow the machine to dry naturally.

✘ Place the washing machine directly on a carpet, or close to a wall or furniture.

During daily use of the appliance

Do…

✓ Pull up zips and fix loose threads to prevent the items from being entangled. If necessary, put small items into a small bag or net.

✓ Turn off the machine after each wash program and switch it off at the mains to save electricity, and for safety. Wipe clean the lower part of the porthole.

✓ Keep the door slightly open when the washing machine is not in use to prevent formation of odors.

✓ Let the power cord be replaced by the manufacturer, his service agent or other accordingly qualified people, in case it is damaged.

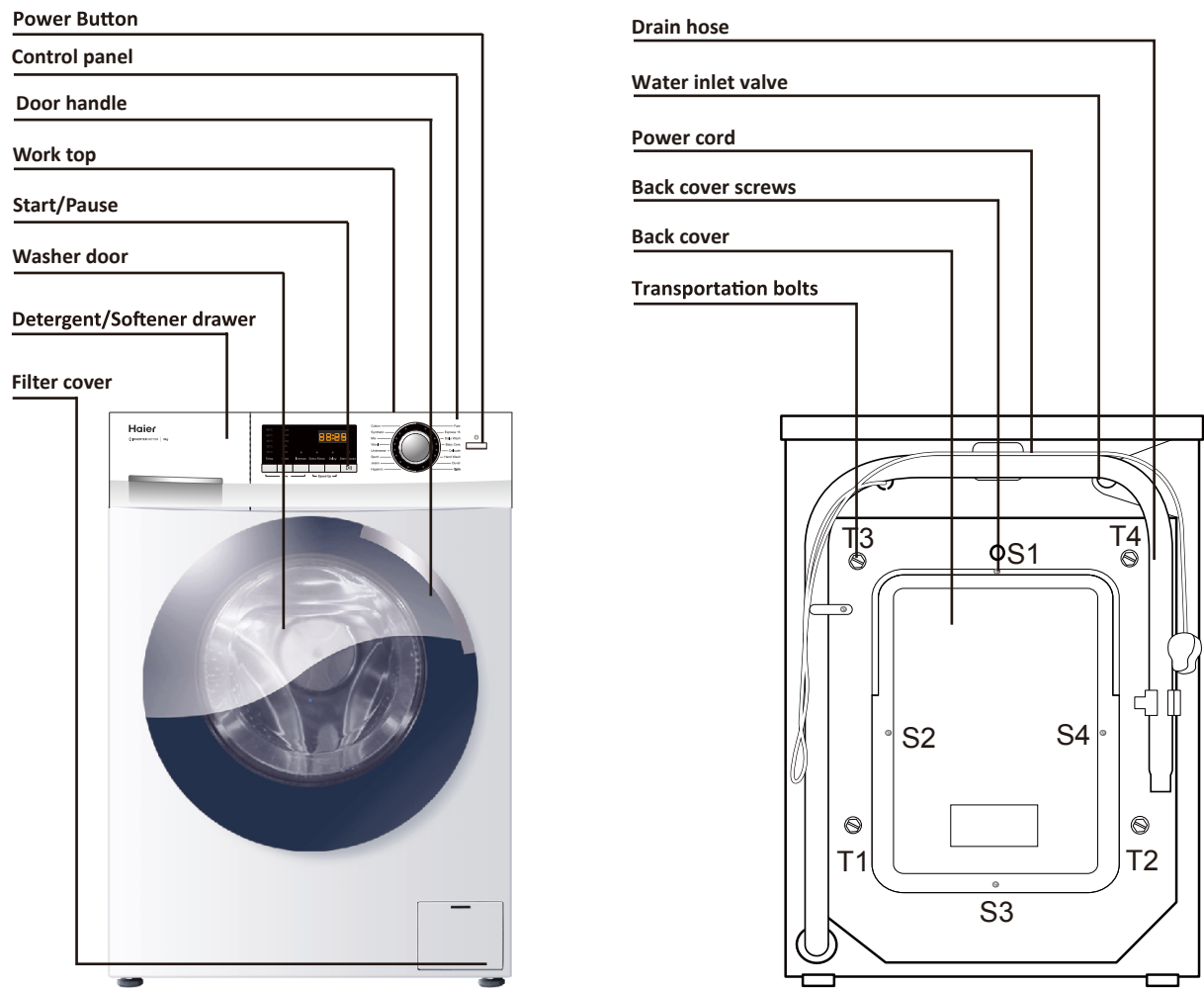✓ Use the hose-set supplied with the appliance. Old hose-sets should not be reused.

Do not…

✗ Touch the washer door during the washing process, it gets hot.

✗ Place heavy objects or sources of heat or damp on top of the appliance.

✗ Hot wash from rubber or sponge-like materials

✗ Open the detergentdistribution drawer during the wash cycle.

✗ Force the washer door to open, the door is fitted with a self-lock device and will open shortly after the washing procedure is ended.

✗ Open the washer door if the water level is visibly over the porthole.

✗ Cover the washing machine with a plastic cover so that the washing machine can dry out when not in use

Saving Tips

⚠ Achieve the best use of energy, water, detergent and time by using the recommended maximum load size

⚠ Do not exceed the detergent dosages indicated in the manufacturer's instructions.

⚠ Save energy and time by selecting a high spin speed to reduce the water content in laundry before using a tumble dryer.

⚠ Choose the correct washing temperature. Modern detergents can wash with very good result already in lower temperature than 60°C. Only use higher temperature than 60°C for very dirty laundry.

⚠ Do not overload the washing machine:
HWF90BW1 Max.load is 9kg

Description

This diagram may be slightly different from the layout of the washing machine you have just purchased.

Power Button

Control panel

Door handle

Work top

Start/Pause

Washer door

Detergent/Softener drawer

Filter cover

Drain hose

Water inlet valve

Power cord

Back cover screws

Back cover

Transportation bolts

T3   S1   T4

S2   S4

T1   T2

S3

Preparing the machine

Remove all the packing materials to prevent unsteadiness, including the polystyrene base. Upon opening the package, water drops may be seen on the plastic bag and the porthole. This is normal phenomenon resulting from water tests in the factory.
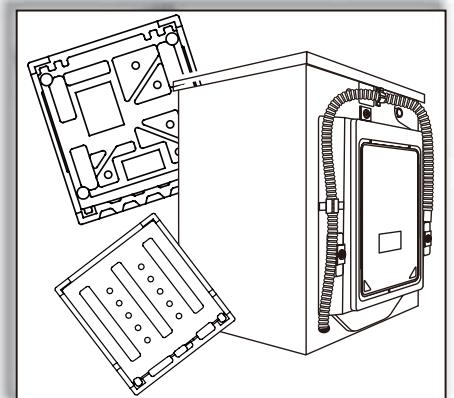
Installation   *Warning.The washing machine is very heavy.Use safe lifting techniques*

Paste the felt, install the plastic board and paste noise reduction board

1.When opening the shrink package, you will find a calcium-plastic board,a felt and noise reduction pads.These are used for reducing moise.(Figure 1.)

2.Paste the felt on any side of the calciun-plastic board.(Figure 2.)

3.Lay the washing machine down to its side.porthole pointing upwards,bottom side towards operater and screw off the four bolt.Place the calcium-plastic board toward inside, screw the bolts through the four holes on the board on to the tub firmly.(Figure 3.)

4.Take out the noise reduction pads and remove the double-sided adhesive protective film; the noise reduction pads under the washing machine cabinet as shown in Figure 4.(two longer pads in position 1 and 3,two shorter pads in position 2 and 4).Fianlly set the machine upright again.(Figure 4.)

> **Warm tip:**
> Noise reduction pad is optional , could help to reduce noise, please assemble it or not according to your own demand.
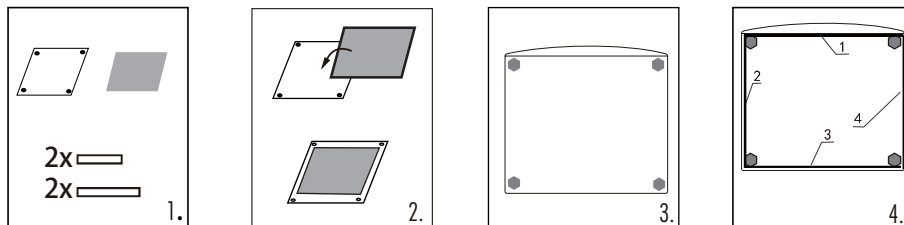
Dismantle the transportation bolts

The transportation bolts are designed for clamping anti-vibration components inside of the washing machine during the transportation process.

- ✓ Remove the back cover.
- ✓ Remove the four bolts on the rear side and take out the plastic stabilizers from within the machine.
- ✓ Replace the back cover.
- ✓ Fill the holes left by the bolts with blanking plugs.

Note:

⚠️ When you replace the back cover, the convex must face to outside, and you have to insert the back cover from the two gaps as shown in fig.5.

⚠️ Keep the transportation bolts and plastic stabilizers in a safe place for later use.
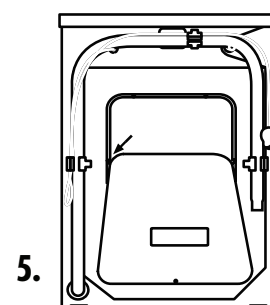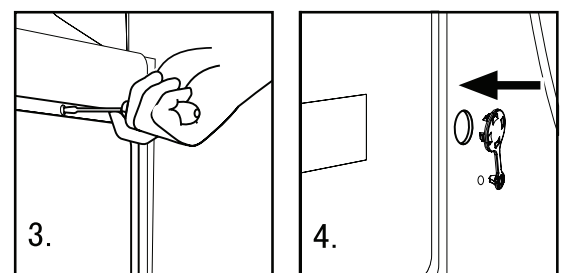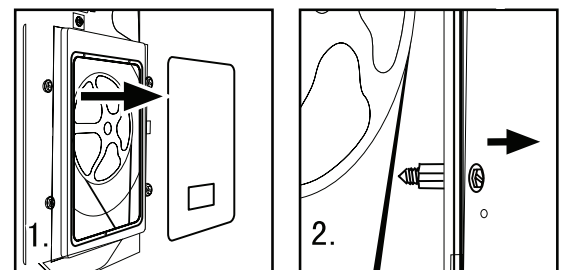
Adjusting the feet and locking nut

There are adjustable feet under the bottom of the washing machine. Before use, they should be adjusted so that the machine is level. This will minimize vibrations and thus noise during use. It will also reduce wear and tear. We recommend to use a spirit level for adjustment.Floor should be as stable and flat as possible.

1. Loose the lock nut (1) by using a wrench.
2. Adjust the high by turning the foot (2).
3. Tighten the lock nut (1) against the housing.
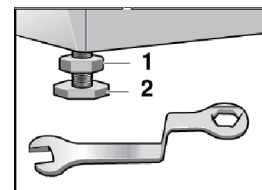
Inlet Hose

✓ Connect the nut on the inlet hose to the connector on the water valve.

✓ Connect inlet hose to a water tap with cold, fresh water.
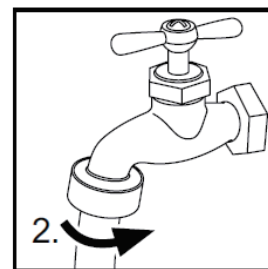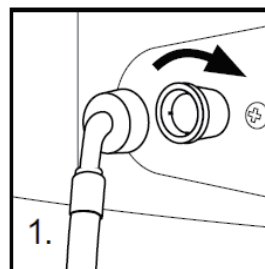
⚠ Use the hose-set supplied with the appliance. Old hose-sets should not be reused.

Drain Hose

✓ Use the drain hose bracket to keep the end of the drain hose retained and prevents the outflow of water. Don't extend the length of the drain hose; if an extended hose is required, please consult a serviceman or plumber.

✓ The height of the drainage outlet must be 80-100 cm. Fix the drain hose to the clip at the back of the washing machine to prevent it from dropping off.
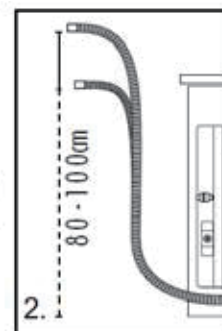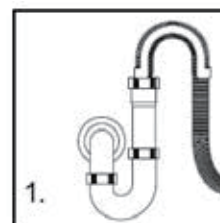
⚠ The drain hose should not be submerged in water and should be securely fixed and leak-free. If the drain hose is placed on the ground or if the pipe is at a height of less than 80cm, the washing machine will continuously drain while being filled (self-siphoning).

Connecting to Power Supply

Before connecting to the power supply, check:

✓ The socket is adequate for the maximum power of the washing machine (For safety, fuses in the power circuit should be rated for no less than 10A).

✓ The voltage should meet the requirement on the rating plate.

✓ The power outlet should be capable of accepting the washing machine plug.
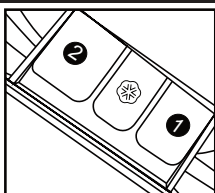
✓ Connect the machine to an earthed socket outlet.

Control Panel

10

1
4 5 6 7 8 9
3
2
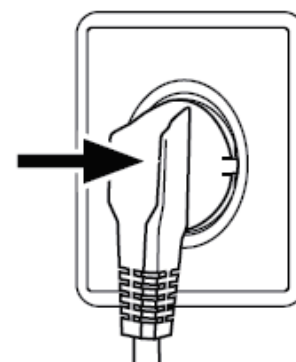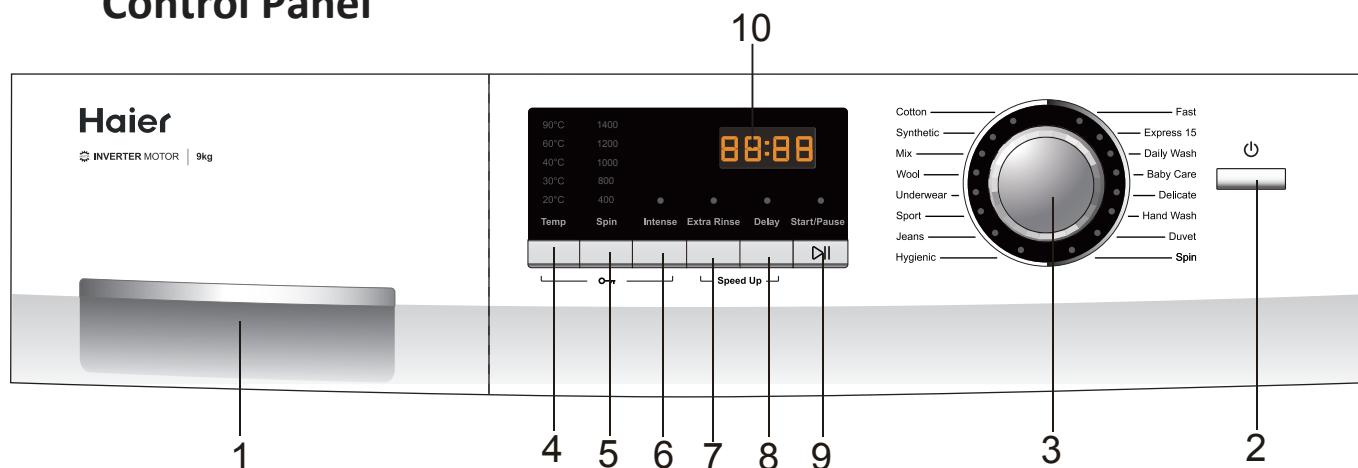
1. Detergent/Softener Drawer
2. Power Button
3. Program Dial
4. Wash Temp
5. Spin Speed

6. Intense button
7. Extra Rinse
8. Delay
9. Start/Pause Button
10. LED Display

Operational Functions

Nº	Function	Explication	
1	Detergent distribution drawer	Open the drawer, three compartments can be seen: Compartment 2: Detergent for programs 1 to 15. Compartment ❅:Softener, conditioning agent. The recommendation on the type of detergents is suitable for the various washing temperatures, please refer to the manual of detergent.Use low Sudsing or Front Loader liquid or powder detergents.Alternatively use detergent pods.	
2	Power Button	Press this button to switch on the washing machine. Press it again to switch it off.Press this button gently for 2 seconds to switch off the machine as buttons are press touch sensitive.	
3	Program Dial	By turning the knob clockwise/counterclockwise, the required program can be selected. There are 16 programs available. After a program is selected, the corresponding light will illuminate.	
4	Wash Temp	Press this button lightly, the washing temperature will be displayed on the indicator. Select a temperature according to the type of laundry.Note: If there is no indicator light displayed, this means cold wash.	
5	Spin Speed	Press this button lightly to select the desired speed. When a speed is set, it will be displayed on the indicator.Note: If there is no indicator light displayed, this means no spinning.	
		⚠ Different water temperatures and spinning speeds can be set for different laundries. Wash using the default settings if there is no special requirement.	
6	Intense button	If the laundry is very dirty, press this button before starting the program. When the button is pressed, the washing time increases.	

7	**Extra Rinse**	Press this button, the washing machine will perform additional rinses.Press the button once to select one additional rinse. The display will show"P-1". Press the button repeatedly and the screen will display "P-2"or "P-3", indicating two or three additional selected rinses. The "extra rinse light" is activated and flashes during the performance. "P-1/2/3" is displayed alternating with the remaining time. The light turns off and the display disappears when the extra rinse ends.
		⚠ You can select if you require this function when programs 1-15 are used.
8	**Delay**	Press this button lightly, the washing machine will start operation after a period of time and the corresponding indicator will go on. The range is 0.5-24 hours; each press of this button increases a half hour. After the button is set, press the Start/Pause button to start countdown of the set time (the time is displayed on the screen until the program ends).
		⚠ The delay time must be longer than the program time otherwise the washing machine will start the wash program directly.
9	**Start/Pause Button**	When the washing machine is connected to the power socket and a program is selected, lightly press this button to start operation. During a wash cycle, press it lightly ,operation will stop and the digits on the screen start blinking. Press it again to resume operation. To cancel a wash program during a wash cycle, press this button, when the digits on the screen start blinking, press the Power switch, the program will be cancelled.
10	**LED Display**	Information as remaining wash time and error messages will be shown here.
		⚠ After a wash program is started the display will go on and the remaining wash time decreases. As the water pressure and temperature may differ, the remaining time may be adjusted accordingly. When the laundry is not balanced during spinning, the time may be automatically prolonged.

To cancel audible alarm
Alarm sound can be cancelled if it is required (not recommended)
Switch on the washing machine and turn the program knob to spin cycle, then press the "Delay" and "Extra Rinse" button, hold on for 3 seconds.
The message "BEEP OFF" will be displayed on the screen, indicating that the alarm sound has been cancelled.
**To reinstate audible alarm**
Switch on the washing machine and turn the program knob to spin cycle, then press the "Delay" and "Extra Rinse" button, hold on for 3 seconds.The "BEEP ON" message will be displayed on the screen, indicating that the alarm sound has been reinstated.
Speed Up Function
press " Extra Rinse "and"Delay"at the same time for 3 seconds,then the display area shows " SPEEd uP " (display 3S circularly),this function be activated.Press these two buttons again, this " SPEEd uP " function will be canceled.

Program Modes
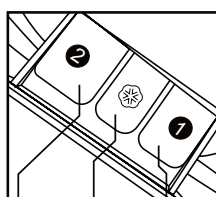
1 Detergent compartment for prewash mode

2 Detergent compartment

❄ Compartment for softener

Program	Temp. Max	Preset	2	3	1	Fibre Type	Preset Spin Speed	SPEEd uP
1 Cotton	90°C	30°C	✓	⊙	✘	Cotton	1400 rpm	✓
2 Synthetic	60°C	30°C	✓	⊙	✘	Chemical fibre fabrics	1200 rpm	✓
3 Mix	60°C	30°C	✓	⊙	✘	Cotton	1000 rpm	✓
4 Wool	40°C	---	✓	⊙	✘	Woolen fabrics	800 rpm	✘
5 Underwear	60°C	40°C	✓	⊙	✘	Underwear	1000 rpm	✓
6 Sport	40°C	20°C	✓	⊙	✘	Sports Wear	800 rpm	✘
7 Jeans	60°C	30°C	✓	⊙	✘	Jeans	1000 rpm	✓
8 Hygienic	90°C	90°C	✓	⊙	✘	Cotton	1000 rpm	✓
9 Fast	40°C	40°C	✓	⊙	✘	Cotton	1000 rpm	✘
10 Express 15	40°C	---	✓	⊙	✘	Cotton /Synth	1000 rpm	✘
11 Daily Wash	60°C	30°C	✓	⊙	✘	Cotton fabrics	1000 rpm	✓
12 Baby Care	90°C	40°C	✓	⊙	✘	Cotton	1000 rpm	✓
13 Delicate	30°C	30°C	✓	⊙	✘	Silk	800 rpm	✘
14 Hand Wash	30°C	30°C	✓	⊙	✘	Cotton fabrics	400 rpm	✘
15 Duvet	40°C	40°C	✓	⊙	✘	Duvet	800 rpm	✓
16 Spin	---	---	✘	✘	✘	---	1000 rpm	✘

Yes ✓	Optional ⊙	No ✘

Consumption Table

Program	Max Load	Temp.	Washing Time
Cotton	9 kg	30°C	Auto
Synthetic	5 kg	30°C	Auto
Mix	5 kg	30°C	Auto
Wool	2 kg	---	0:48 h
Underwear	2 kg	40°C	1:03 h
Sport	2 kg	20°C	0:25 h
Jeans	5 kg	30°C	1:17 h
Hygienic	5 kg	90°C	2:16 h
Fast	5 kg	40°C	1:00 h
Express 15	2 kg	---	0:15 h
Daily Wash	2 kg	30°C	0:51 h
Baby Care	5 kg	40°C	1:35 h
Delicate	2 kg	30°C	0:41 h
Hand Wash	2 kg	30°C	0:46 h
Duvet	2 kg	40°C	1:12 h
Spin	9 kg	---	0:07 h

⊙ The actual water temperature may differ from the declared cycle temperature.
If the machine is used for commercial purposes the warranty will be void. Do not use for purposes other than that which the machine is designed for. Follow the instructions given on the label of each garment and wash only machine - washable garments.

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⊙ Cotton , 40°C, 1400rpm and the intense option selected is recommended water and energy saving cycle for normally soiled, everyday washing.
⊙ The detergent dosage: rated capacity* 12.5g*9 and anti-foam aid is 18g.
⊙ Detergent dissolvent method: Dissolve the detergent first and pour the dissolved detergent into the machine when the main wash starts.

Washing Methods

⚠️ This washing machine is for domestic use only. If the machine is use for commercial purpose the guarantee will not be valid anymore. Do not use it for purposes other than that for which it was designed. Follow the instructions given on the label of each garment and wash only machine-washable garments.

Power Supply

Connect the washing machine to the power supply (220V to 240V~/50Hz).
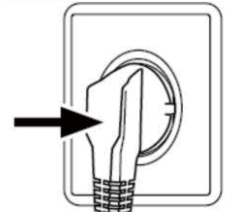
Water Connection

Turn on the tap. The water must be clean and clear.

🛈 Before use, check for leaks in the joints between the tap and the inlet hose by turning on the tap.
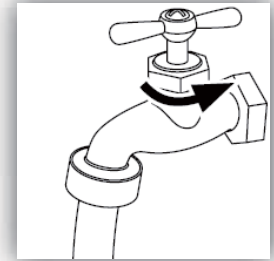
Preparing the Laundry

Sort out clothes according to fabric (cotton, synthetics, wool or silk) and to how dirty they are.

Separate white clothes from colored ones. Wash them first by hand to check if they fade or run.

Garments without hems, underwear, and finely woven textile such as fine curtains are to be put into wash bag (it is better not to wash them in a washing machine).

Close zippers and hooks, make sure the buttons are sewn on tightly and place small items such as socks, belts, bras, etc. in the wash bag.

Unfold large pieces of fabric such as bedsheets , bedspreads, etc.

Turn shirts inside out.

🛈 Attention: Small parts (like buttons, etc) may lead to repair work which user has to pay by him and can cause damage in the machine. Empty pockets (keys, coins, etc.) and remove the harder decorative objects (e.g. brooches).
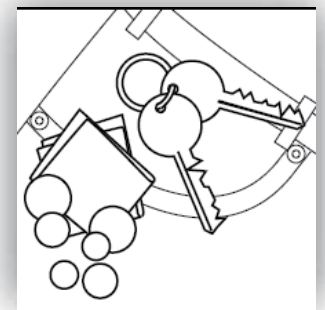
Loading the appliance

Open the washer door and put in the laundry piece by piece. Close the door tightly.

When using the washing machine, let it run unloaded for one program to prevent the laundry from being tainted by oil or dirty water from the washing machine. Before washing you should run the machine, but without detergent, with 60°C program.

Do not overload the washing machine.Note the different maximum load according to programmes.Rule of thumb for maximum load: Keep six inches between load and drum top.Close the door carefully. Make sure that no pieces of laundry are pinched.

Selecting Detergent

The washing efficiency and the performance is determined by the quality of detergent used. Special non-foaming detergent produces good washing results. Use specific detergents for duvet and woollen goods. Do not use dry cleaning agents such as trichloroethylene and similar products.

⚠ Do not add more detergent than needed; otherwise, it may cause the situations as following and washing machine malfunction impacting washing machine's life.

⚠ Due to the increasing foam, the rinse time will be longer than normal;

⚠ The foam may overflow from the detergent drawer because of the increasing pressure of the foam;

⚠ It may remain foam without cleaning out after the final spinning cycle.

⊘ Recommendation:

⊘ Clean the detergent drawer once a week.

⊘ Please follow the dosage recommendation on the powder or liquid detergent package.
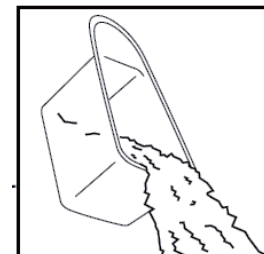
Adding Detergent

Slide out the detergent drawer and put the required detergent and softening agent into the corresponding compartments. Push back the drawer gently. (Refer to the instructions on the drawer)

⚠ Detergent should be added to compartments 2.

⚠ Do not add detergent to compartment 1.

⚠ Use liquid detergent according to the instructions on its package. Do not use liquid detergent if the prewash mode or "Delay" is selected.

⚠ Do not overuse softener; otherwise, it will damage the artificial fibers.
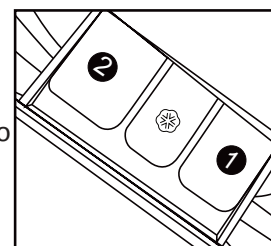
Selecting program

To get the best washing results, an appropriate washing program should be selected according to the laundry type. Please turn the program knob to select the right program.

Selecting function

Select the required options. (Refer to the "Control panel" pages 8,9 and 10)

Setting washing temperature

Press and hold down the temperature button until the desired temperature is selected.

Setting spin speed

Press and hold down the speed button until the desired speed is selected. See "Operational functions" on the "Control Panel" pages (08 and 09) for selecting temperature and spin speed. It is advisable to select the recommended value.

Washing

Press the Start/Pause button. The washing machine will operate according to the preset programs. The washing machine will stop operation automatically when a washing cycle ends. The "End" sign will appear on the display. Open the washer door and take out the laundry.

After washing

Turn off the water supply and unplug the power cord. Open the washer door to prevent formation of moisture and odors. Leave the door open while not used.

Care Chart

Machine Wash, COLD	Hand Wash	Tumble Dry,NO HEAT	Do Not Tumble Dry	Dryclean May appear with additional letters and/or lines Take this item to a professional drycleaner	
Machine Wash, WARM	Do Not Wash	Tumble Dry,LOW HEAT	Line Dry	Do Not Dryclean	
Machine Wash, HOT	Bleach as needed Any bleach, like Clorox®, may be safely used	Tumble Dry,MEDIUM	Drip Dry	Dry cleaning with any solvent	
Machine Wash,COLD Permanent Press		Tumble Dry,HIGH	Dry Flat	Dry cleaning with pericloride	
Machine Wash,WARM Permanent Press	Non-chlorine Bleach as needed Use only a color-safe bleach, like Clorox 2®	Tumble Dry,Permanent Press, NO HEAT	Don't dry clean		
Machine Wash,HOT Permanent Press		Tumble Dry, Permanent Press,LOW HEAT	Iron, Steam or Dry, with LOW HEAT		
Machine Wash,COLD Gentle Cycle	Do Not Bleach No bleach product should be used including detergents with bleach - or follow bleach package test procedures to test for bleach safety.	Tumble Dry,Permanent Press, MEDIUM	Iron, Steam or Dry, with MEDIUM HEAT		
Machine Wash,WARM Gentle Cycle		Tumble Dry,Gentle Cycle, NO HEAT	Iron, Steam or Dry, with HIGH HEAT		
Machine Wash,HOT Gentle Cycle	Wool Mark	Tumble Dry, Gentle Cycle, LOW HEAT	Do Not Iron with Steam		
		Tumble Dry,Gentle Cycle, MEDIUM	Do Not Iron		

Load Reference

Material	Made of	Load in grams
Bed Sheet	Cotton	Approximately 800
Blanket	Wool	Approximately 3000
Blended fabric clothes	/	Approximately 800
Jackets	Cotton	Approximately 800
Jeans	/	Approximately 800
Overalls	Cotton	Approximately 950
Ladies Pyjamas	/	Approximately 200
Shirts	/	Approximately 300
Socks	Blended fabrics	Approximately 50
T-Shirts	Cotton	Approximately 300
Underwear	Blended fabrics	Approximately 70

Cleaning and Care

After washing

Turn off the water supply and remove the electrical plug
after each wash. Open the washer door to prevent
formation of moisture and odors. If the washing
machine is left idle for a long period, drain the water
in the machine and replace the drain hose.
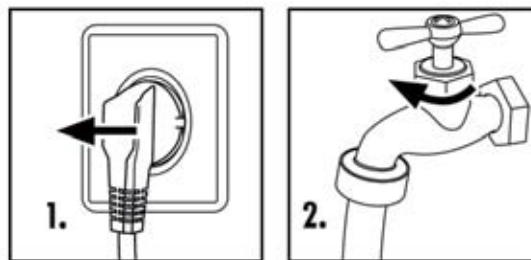
Cleaning the detergent drawer

Take always care there are no detergent residues.
Clean the drawer regularly :
1. Pull out the drawer until it stops.
2. Press the release button and remove the drawer.
3. Flush the drawer with water until it is clean and
insert the drawer back in the appliance.

Cleaning the machine

Unplug the machine during cleaning and maintenance. Use a soft cloth dampened with soap liquid to
clean the machine case and rubber components. Do not use organic chemicals or corrosive solvents.
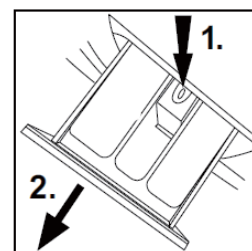
Cleaning the filter

Clean the filter once a month:

1. Turn off and unplug the machine(Fig.1).
2. Open service flap. You can either use a coin or a
screwdriver(Fig.2) .
3. Provide a flat container to catch leach water(Fig.3).
There could be bigger amounts!
4. Pull the drainhose out and hold its end above the
container (Fig.3).
5. Take the sealing plug out of the drainhose (Fig.3).
6. After complete drainage close drainhose.
and push it back into the machine(Fig.4).
7. Unscrew and remove counter clockwise the pump(Fig.5).
8. Remove contaminants and dirt (Fig.6).
9. Clean carefully pump filter, e.g. using running water((Fig.7).
10. Refix it thoroughly((Fig.8).
11. Close service flap.
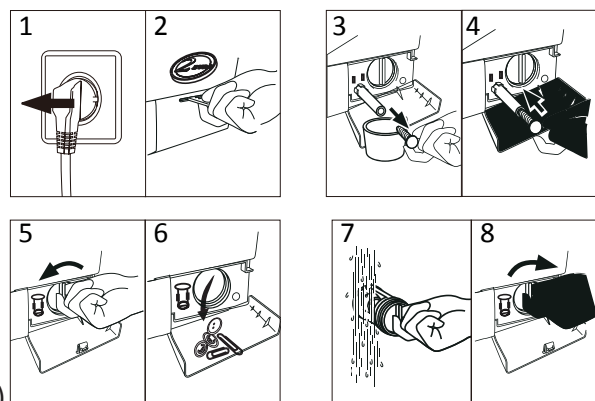
⚠ The filter must be in place, or it may lead to leakage.
⚠ Place a container under the drain pump filter, to collect any excess water that may come out
of the drain pump

In case of power failure

The current programme and its setting will be saved. When power
supply is restored operation will be resumed.

If a power failure cuts an operating wash programme door opening
is mechanically blocked. To get out any laundry water level should
not be seen in the glassy porthole of the door. - Danger of burns!
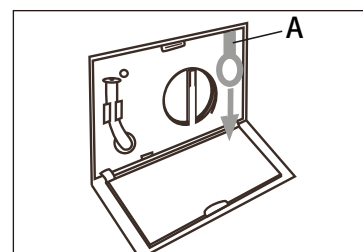
Not till then pull lever beneath service flap until door is unlocked by a gentle
click.Afterwards refix all parts.

⊙ Power-off memory function: In case of abrupt power failure or the need to cut off the power
during a program cycle, the present settings will be saved and the preset operation will
resume when the power is on again.

Water inlet valve and inlet valve filter

To prevent blockage to the water supply by ingress of foreign substances, clean the water inlet valve and inlet valve filter regularly.

Moving the machine

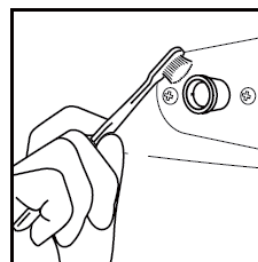If the machine is to be moved to a distant location, replace the transportation bolts removed before installation to prevent damage as shown below.
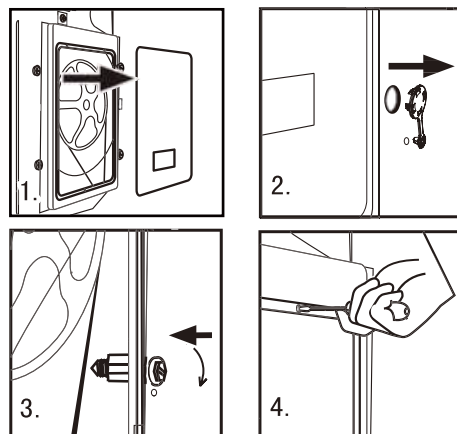
Remove the back cover.

Remove the blanking plugs.

Insert the plastic stabilizers and the transportation bolts.

Tighten the bolts with a spanner.
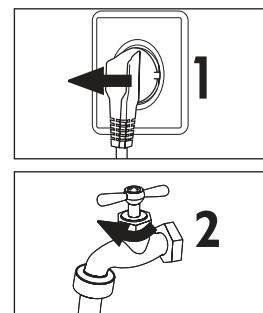
Replace the back cover.

Long periods of disuse

If the appliance is left idle for a longer period, pull out the electrical plug (1) and turn off water supply (2). Open the door to prevent formation of moisture and odours. Let door open while not used.

Before next usage check carefully power cord, water inlet and drain hose. Make sure everything is properly installed and without leackage.

Display Codes

Display Codes and Special functions

Codes	Causes	Solutions
CLr FLtr	Drainage error, water not emptied within 6 minutes.	Clean the filter and check the drain hose for blockage. If error still exists, please contact the maintenance personnel.
E2	Door is not properly shut.	Shut the door properly, and then press the Start/Pause button.
F3	Temperature sensor not properly connected or damaged.	Contact the maintenance personnel.
F4	Heater error (Appears at the end of a cycle).	Contact the maintenance personnel.
E4	Water level not met in 8 minutes . The height of the drain hose is below 80 cm. The drain hose is in water.	Make sure that tap is turned on, and water pressure is normal. If problem still exists, please contact the maintenance personnel. Install drain hose within 80-100 cm of height. Make sure the drain hose is not in water.

F7	Motor Error	Contact the maintenance personnel.
E8	Water exceeds protective level.	Contact the maintenance personnel.
FA	Water level sensor error.	Contact the maintenance personnel.
FC1	Abnormal communication error between display board and inverter	Contact the maintenance personnel.
FC2	Abnormal communication error between display board and power board	Contact the maintenance personnel.
End	End of wash cycle.	
19:30	Status information: Preset time for delayed operation.	
1:25	The remaining time is 1 hour 25 minutes.	
UNb	Washing machine has an unbalanced load protection function.When unbalanced weight is greater than allowable maximum, the washing machine will not spin and will run at a speed to avoid abnormal vibration and noise	1.In case washing 1 piece of laundry(carpet, bed sheet,table sheet,ect) make it symmetrical inside the drum. 2.Lower the wet weight of laundry pieces by wringing manually and placing them back in the drum in symmetrical position. 3.Take out and then reposition the laundry pieces inside the washing machine in a more balanced position on the inner wall of the drum. 4.Add 1 or 2 pieces of laundry into the drum to reduce the unbalanced load effects. 5.Restart the spin cycle by choosing spin programme.In case the failure persists, please ask a qualified technician to repair it. 6.Select a lower spin speed, and if OK then select Spin program and a higher spin speed.

⚠ Control panel lock function: Press the " Temp. " and the " Intense " buttons simultaneously for 3 seconds after starting a program. It shows "lock". It can no longer be changed by operating buttons or knobs. To unlock press the " Temp." and " Intense " buttons again for 3 seconds.

⚠ Power-off memory function: In case of abrupt power failure or the need to cut off the power during a program cycle, the present settings will be saved and the preset operation will resume when the power is on again.

⚠ To cancel a program. Press the "Start/Pause" button, then switch off the power and the program is automatically cancelled. Power on, then turn the program selector again to choose another program.

⚠ During the spin process, if too much foam is inspected, in order to protect the motor, the washing machine will eliminate the foam automatically; the motor will stop and the drain pump will drain the water continuously for 90 seconds. If it happens more than 3 times, the motor will stop until the end of cycle without spinning.

Trouble-Shooting

Problem	Causes	Solutions
Washing machine fails to operate.	✗ Poor connection to the power supply. ✗ Power failure. ✗ The washer door is not properly closed. ✗ Machine has not been switched on.	✓ Check connection to the power supply. ✓ Check the power supply. ✓ Close the washer door properly. ✓ Make sure the machine is switched on.
Washing machine cannot be filled with water.	✗ The "Start/Pause" button is not pressed. ✗ Water tap is not turned on. ✗ Water pressure is less than 0,03 MPa. ✗ The inlet hose is kinked. ✗ Water supply failure. ✗ The program knob is not properly set. ✗ The washer door is not properly closed. ✗ The inlet hose filter is blocked.	✓ Press the "Start/Pause" button. ✓ Turn on the water tap. ✓ Check water pressure. ✓ Check the inlet hose. ✓ Ensure the water supply. ✓ Set the program knob properly. ✓ Close the washer door properly. ✓ Unblock the inlet hose filter.
Machine is draining while being filled.	✗ The height of the drain hose is below 80 cm. ✗ The drain hose is in water.	✓ Install drain hose within 80-100 cm of height. ✓ Make sure the drain hose is not in water.
Drainage failure.	✗ Drain hose is blocked. ✗ Drain hose end is higher than 100 cm above the floor level. ✗ The filter is blocked.	✓ Unblock the drain hose. ✓ Make sure the drain hose end is lower than 100 cm above floor level. ✓ Unblock the filter.
Strong vibration while spinning.	✗ Not all transportation bolts have been removed. ✗ Washing machine is located on an uneven surface or is not level. ✗ Machine load is over 9kg.	✓ Remove all transportation bolts. ✓ Make sure the washing machine is on an even surface and levelled. ✓ Reduce amount of laundry in the drum.
Operation stops before completing wash cycle.	✗ Water or electricity failure.	✓ Check the power supply or water supply.
Operation stops for a period of time.	✗ Washing machine gives an error message.	✓ Check display codes. ✓ Press the Start/pause button again to cancel it.
Excessive foam in the drum, which is spilled to the distribution drawer.	✗ The detergent is not a low-foaming type or for manual wash. ✗ Excessive use of detergent.	✓ Check if your detergent is appropriate. ✓ Reduce amount of detergent in the distribution drawer.
Automatic adjustment of the washing time.	✗ The washing program duration will be adjusted	✓ This is normal and doesn't affect the functionality.
Spinning fails	✗ Unbalance of the laundry	✓ Add clothes or run a spinning program again.

Basic technical information regarding the appliance.

	HWF90BW1
Power source	(220-240)V~ 50Hz
Max. working current (A)	10
Water pressure (MPa)	0.03≤P ≤1
Nominal load (kg)	9.0
Spinning speed (r/min)	1400
Washing programs	16
Rated power (W)	2000
Dimensions (HxDxW mm)	850 x 650 x 595
Net weight (kg)	72
Power consumption of the off-mode(W)	0.44
Power consumption of the left-on mode(W)	0.44

After-Sale Service

If after checking the trouble-shooting part, the problem is not solved. Please check the Warranty Card included in the product.