User manual
Washing machine

HW90-BP14959S6

Haier

Thank You

Thank you for purchasing a Haier Product.

Please read this manual thoroughly before operate the appliance. This manual contains important information on the installation, use and maintenance of the appliance.
Keep this manual in a safe and convenient place for future reference.
Please ensure this manual is along with the appliance if you plan to transfer this appliance to other. This is to allow the next user understand and familiar the features and functions of the appliance and safely operate this appliance.

Warning – Important Safety information

General information and tips

Environmental information

Disposal

Protect the environment and human health by recycle the appliance's packaging to the designated recycling bin. Do not dispose appliance marked with this symbol together with the household waste. Send the appliance to the local recycling center or contact the municipal office.

WARNING!

Risk of injury or suffocation!
Disconnect the appliance from the mains supply. Cut off the mains cable and dispose of it. Remove the door catch to prevent children and pets to get closed in the appliance.

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1-Safety information

Before switching on the appliance for the first time read the following safety instructions!

WARNING!

Before first use

- Check the appliance is free from any transport damage.
- Remove all the transport bolts .
- Remove and dispose all the packaging materials (plastic bags, polystyrene, etc) and keep out of children's reach.
- Handle the appliance with at least two persons.

Daily use

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and konwledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Keep children under 3 years of age away from the appliance unless they are constantly supervised.
- Children shall not play with the appliance.
- Do not let children or pets come close to the appliance when the door is open. Store washing agents out of reach of children.
- Pull up zips, fix loose threads and take care for small items to prevent laundry from being entangled. If necessary, use laundry bag or net.
- Do not press or use the appliance when barefoot or with wet or damp hands or feet.
- Do not cover or encase the appliance during operation or afterwards to allow moisture or dampness to evaporate.
- Do not place heavy objects or sources of heat or damp on top of the appliance.
- Do not use or store flammable detergent or dry cleaning agent in close vicinity to the appliance.
- Do not use any flammable sprays in close vicinity to appliance.
- Do not wash any garments treated with solvents in the appliance without having dried them previously in the air.

1-Safety information

WARNING!

Daily use

- Do not remove or insert the plug in the presence of flammable gas.
- Do not hot wash foam rubber or sponge-like materials.
- Do not wash any laundry which is polluted with flour.
- Do not open detergent drawer during any wash cycle.
- Do not press the door during the washing precess, it gets hot.
- Do not open the door if the water level is visibly over the port hole.
- Do not force the door to open. The door is fitted with a self-lock device and will open shortly after the washing procedure is ended.
- Switch off the appliance after each wash programme and before under taking any routine maintenance and disconnect the appliance from the electrical supply to save electricity and for safety.
- Hold the plug, not the cable, when unplugging the appliance.

Maintenance/cleaning

- Make sure children are supervised if they carry out cleaning and maintenance.
- Disconnect the appliance from the electrical supply before undertaking any routine maintenance.
- Keep the lower part of the porthole clean and open door and detergent drawer if appliance is not in use to prevent odours.
- Do not use water spray or steam to clean the appliance.
- Replace a damaged supply cord only be the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Do not try to repair the appliance by yourself. In case of repair please contact our customer service.

Installation

- The appliance should be placed in a well-ventilated place. Ensure a location which allows opening the door fully.
- Never install the appliance outdoor, 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, cut power supply and allow the machine to dry naturally.

WARNING!

Installation

- Installor use the appliance only where the temperature is above 5 °C.
- Do not place the appliance directly on a carpet, or close to a wall or furniture.
- Do not install the appliance in direct sunlight or in the near of heat sources (e.g. stoves, heaters).
- Make sure the electrical information on the rating plate agrees with the power supply. If it does not, contact an electrician.
- Do not use multi-plug adapters and extension cables.
- Make sure only the new electric cable and hose sets supplied with the appliance are to be used.
- Make sure not to damage the electric cable and the plug. If damaged have it replaced by an electrician.
- Use an easy accessible and earthed socket for the power supply. The appliance must be earthed.
- Make sure the hose joints and connections are firm and there is no leakage.

Intended use

This appliance is intended for washing machine-washable laundry only. Anytime follow the instructions given on the label of each garment label. It is not intended for commercial or industrial use.
Changes or modifications to the device are not allowed. Unintended use may cause hazards and loss of all warranty and liability claims.

2-Product description

Note:

Due to technical changes and different models,the illustrations in the following chapters may differ from your model.

2.1 Picture of appliance

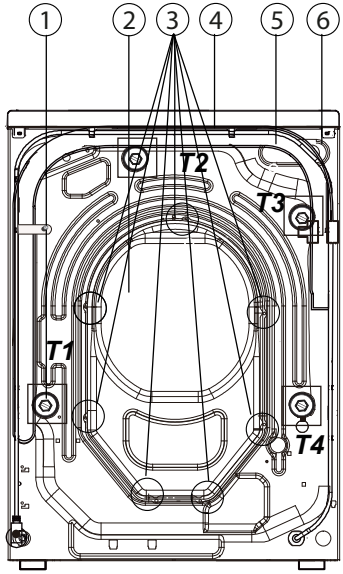
Front (Fig. 2-1):

2-1

1 Detergent/Softener drawer
2 Worktop
3 Control panel
4 Door
5 Filter cover
6 Adjustable feet

Rear side (Fig. 2-2):

2-2



1 Transportation bolts (T1-T4)
2 Backcover
3 Backcover screws（7 EA）
4 Power cord
5 Drain hose
6 Water inlet valve

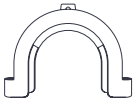
2.2 Accessories

Check the accessories and literature in accordance with this list (Fig. 2-3):

2-3

Inlet hose assembly

6 Blanking plugs+2 Screws


Drain hose bracket

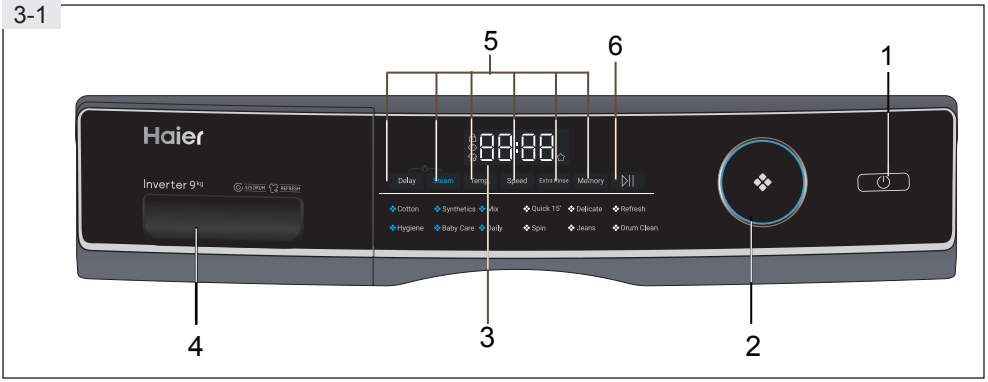
User manual

Bottom plate

Warranty Card

3-Control panel

3-1



1 "Power" button
2 Programme selector
3 Display
4 Detergent / Softener drawer
5 Function buttons
6 "Start/Pause" button

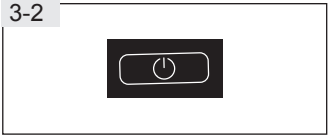
Note : Acoustic signal

In following cases an acoustic signal sounds:

- when pressing a button
- at the end of program
- when selecting the program
- in case of failures

The acoustic signal can be deselected if necessary; see DAILY USE.

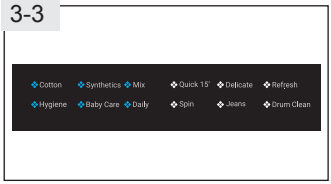
3-2



3.1 "Power" button

Touch this button (Fig.3-2) gently to swicth on the appliance, the display is shining, press it again for about 2 seconds to swicth off. If no panel element or programme is activated after a while machine will shut down automatically.

3-3



3.2 Programme selector

By turning the knob (Fig. 3-3),you may choose one from the 12 programme and the corresponding programme LED icon will light up.

3-4

3.3 Display

The display (Fig. 3-4) shows following information:

- Washing time
- End time delay
- Favorites
- Locking the door
- Child lock

3-Control panel

3.4 Detergent drawer

Open the drawer, two compartments can be seen (Fig. 3-5):

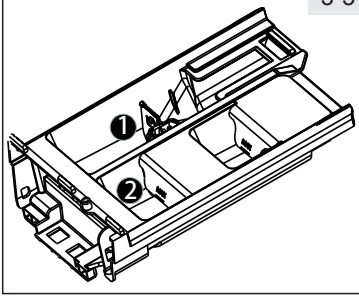
1 Compartment 1:Powder or Liquid detergent.

2 Compartment 2: Softener, Conditioning agent etc.

The recommendation on the type of detergents is suitable for the various washing temperatures, please refer to the manual of detergent.

This model does not have a disinfection washing program, and disinfectant can not be added to the disinfection washing inlet.

3-5



3.5 Function buttons

Choose the extra function from the Fig. 3-6 before the washing cycle start. The related indicators are light up once selected. You may choose more than one function by pressing the buttons sequentially.

3-6

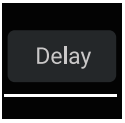
Note: Factory settings

To get best results in each programme Haier has well defined specific default settings.Default settings are recommended if there is no specific requirement. ÿ

3.5.1-Function button “Delay”

Press this button (Fig.3-7) to start the programme with a delay. End time delay could be increase in interval of 30 minutes from 0.5-24h.After you select the delay function, the total washing time will longer than the default programme washing timeÿFor example, display off 6:30 means end of programme cycle will be in 6 hours and 30 minutes .Press Start/Pause” button to activate the time delay.

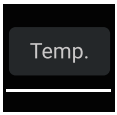
3-7



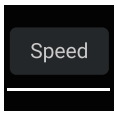
3.5.2-Function button “Temp.”

Press this button (Fig. 3-9) to change the washing temperature of the programme.If the display showing “0”, the temperature function will not be activated and the water will not be heated.

3-8



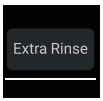
3-9



3.5.3 Function button “Speed”

Touch this button (Fig. 3-9) to change or deselect the spin of the programme.If the display showing “0” the spinning function is not activated ands spinning will not be started.

3-10



3.5.4 “Extra Rinse” button

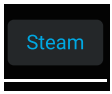
Touch this button (Fig. 3-10) to rinse the laundry more intense with fresh water. This is recommended for people with sensitive skin.

By touching the button, there are 3 selection for the extra rinse count. The display will show “P—0 / P—1/ P –2”. Different extra rinsing count ca be selected for different programme.

Note:Liquid detergent

If using liquid detergent, it is not recommended to activate the end time delay.

3-11



3.5.5 “Steam” button

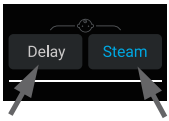
Touch this button (Fig 3-11) to select the steam program, then the current program temperature value will be changed to the maximum allowed value. The maximum temperature value can be viewed on the page of the parameters table in the manual. You can select if you require this funtion when programmers “Cotton, Synthetics, Mix, Baby care, Daily ” are used. The icon will light up when using the steam wash function.

3-12

3.6 “Start/Pause” button

Touch this button (Fig. 3-12) gently to start or pause the wash cycle.

3-13



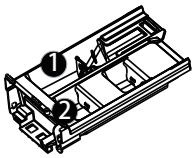
3.7 Child lock

Touch button “Delay” and “Steam” (Fig. 3-13) for 3 seconds simultaneously to activate the child lock feature. The child lock indicator on the display will light up when it’s activated. Press the two buttons simultaneously again to deactivate the feature. This feature is an optional when the machine is running.

3-14

The display showing “clol-” (Fig. 3-14) if the child lock is activated. This feature is to disable controls and prevent child from changing programme or operating the appliance.

4-Programmes



Detergent compartment for:
❶ Detergent
❷ Softener or care product

o Optional, / No

Programme	Max. load in kg	Temperature [1] in °C selectable range	Temperature [1] in °C Preset	▼ 1	▼ 2	Fabric type	Preset spin speed in rpm	Function Steam	Function Extra Rinse	Function Delay
Cotton	9	* to 90	30	o	o	Cotton	1000	o	o	o
Mix	4.5	* to 60	30	o	o	Lightly soiled mixed-laundry of cotton and synthetic	1000	o	o	o
Synthetics	4.5	* to 60	30	o	o	Synthetic or maxed fabric	1000	o	o	o
Baby Care	4.5	* to 90	40	o	o	Cotton/ synthetics	1000	o	o	o
Hygiene	4.5	/	/	o	o	Cotton	1000	o	o	o
Daily	4.5	* to 60	30	o	o	Cotton/ synthetics	1000	o	/	o
Jeans	2	* to 60	30	o	o	Jeans	1000	o	o	o
Delicate	2	* to 30	30	o	o	Delicate laundry and silk	600	/	o	o
Refresh [2]	1	/	/	/	/	Cotton/ synthetics	/	/	/	/
Quick 15 [3]	1	* to 40	*	o	o	Cotton/ synthetics	1000	/	o	o
Spin	9	/	/	/	/	Non-fragile fabric	1000	/	/	/
Drum Clean [4]	/	*90	90	/	/	/	/	/	/	/

1)*: Water is not heated up.
Choose 90°C wash temperature only for special hygienic requirements.

2) Only one piece of adult or bulky clothing can be washed, and up to three pieces of children's clothing, only care for dry clothes.

3) Reduce detergent amount because programme duration is short.

4) Do not use detergent instead of use a special machine cleaner.

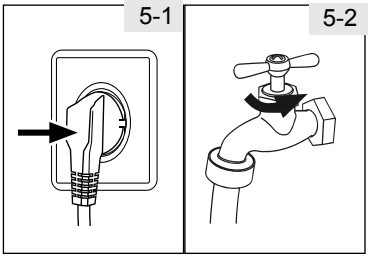
5) Energy Consumption Testing Program: Open the machine and select Cotton program, then press button Temp. to select 60℃, then press the Start/Pause button.

5.1 Power supply

Connect the washing machine to a power supply (220-240V/50Hz; Fig.5-1). Please refer also to section INSTALLATION.

5.2 Water connection

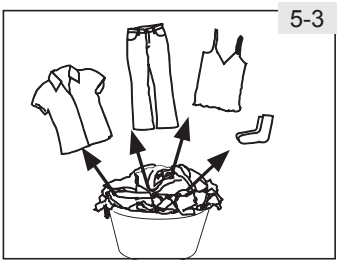
- Check the condition of the water inlet hose before connecting it to the water tap.
- Tun on the tap (Fig.5-2).



Note: Tightness

Before use check for leakage in the joints between the tap and the inlet hose by turning on the tap.

5.3 Preparing laundry



- Check the care label on the clothing. Sort out clothes according to types of fabric (cotton, synthetics, wool or etc.) and soil level (Fig. 5-3).
- Separate white clothes from coloured .Wash coloured textiles first by hand to check if they fade or run.
- Empty pockets (keys, coins, etc.) and remove harder decorative objects (e.g. brooches).
- Garments without hems, delicates and finely woven textile such as fine curtains are to be put into a wash bag to care for this delicate laundry (hand or dry cleaning would be better).
- Close zippers, velco fastenerand hooks, make sure the buttons are sewn on tightly.
- Place sensitive items like laundry without firm hem, delicate underwear and small items such as socks, belts, bras, etc. in a wash bag.
- Unfold large pieces of fabric such as bed sheets, bedspreads etc.
- Turn jeans and printed, decorated or color-intensive textiles inside out; possibly wash separately.

CAUTION!

Non-textile, as well as small, loose or sharp-edged items may cause malfunctions and damage of clothes and appliance.

5-Daily use

Care chart

Washing		
Washable up to 95°C normal process	Washable up to 60°C normal process	Washable up to 60°C mild process
Washable up to 40°C normal process	Washable up to 40°C mild process	Washable up to 40°C very mild process
Washable up to 30°C normal process	Washable up to 30°C mild process	Washable up to 30°C very mild process
Wash by hand max. 40°C	Do not wash	
Bleaching		
Any bleaching allowed	Only oxygen/ non-chlorine	Do not bleach
Drying		
Tumble drying possible normal temperature	Tumble drying possible lower temperature	Do not tumble dryer
Line drying	Flat drying	
Ironing		
Iron at a maximum temperature up to 200°C	Iron at a medial temperature up to 150°C	Iron at a low temperature up to 110 °C; without steam (steam ironing may cause irreversible damage)
Do not iron		
Professional Textile Care		
Dry cleaning in tetrachloroethene	Dry cleaning in hydrocarbons	Do not dry clean
Professional wet clean	Do not professional wet clean	

5.4 Loading the appliance

- Put in the laundry piece by piece.
- Don’t overload. Note the different maximum load according to programme! Rule of thumb for maximum load: Check if you can put a hand upright on top of load.
- Close the door carefully. Make sure that no pieces of laundry are pinched.

5.5 Selecting detergent

- Washing efficiency and performance is determined by detergent quality.
- Use only machine wash approved detergent.
- If needed use specific detergents, e.g. synthetic and woolen fabric.
- Mind always detergent manufacturer recommendations.
- Do not use dry cleaning agents such as trichloroethylene and similar products.

Choose the best detergent

	Kind of detergent				
Programme	Universal	Colour	Delicate	Special	Softener
Cotton	√	√	-	-	√
Hygiene	√	√	-	-	√
Baby Care	-	-	√	√	√
Daily	√	√	-	-	√
Delicate	-	-	√	√	√
Synthetics	-	√	-	-	√
Drum Clean	-	-	-	√	o
Spin	-	-	-	-	-
Mix	√L	√	-	-	√
Quick 15’	√L	√L	-	-	√
Refresh	-	-	-	-	-

L = gel-/liquid detergent P = powder detergent O = optional – = no
√ = Recommended

If using liquid detergent, it is not recommended to activate the time delay.

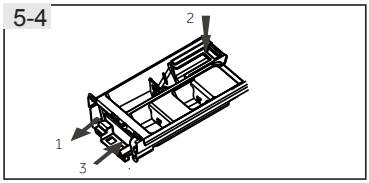
We recomment by using:
- Laundry powder: 20°C to 90°C* (best use:40-60°C).
- Color detergent: 20°C to 60°C (best use:30-60°C).
- Wool/delicate detergent: 20°C to 30°C (best use:20-30°C).

* Choose 90°C wash temperature only for special hygienic requirements.

⚠ It is better to use low or free suds detergent powder.

5-Daily use

5-4



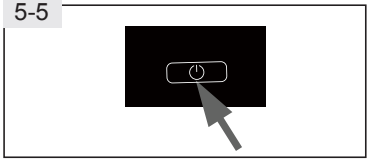
5.6 Adding detergent

1. Slide out the detergent drawer.
2. Put the required chemicals into corresponding compartments (Fig. 5-4).
3. Push back the drawer gently.

Note:

- Remove detergent residues before next wash cycle from the detergent drawer.
- Do not overuse detergent or softener.
- Please follow the instruction on the detergent package.
- Always fill the detergent just before the beginning of the wash cycle.
- Concentrated liquid detergent should be diluted before adding into compartment 2.
- The best use of liquid detergent is by using a dosing ball, which is given with the laundry into the washing machine.
- Do not use liquid detergent if “end time delay” is selected.
- Carefully choose the programme settings according to the care symbols on all laundry labels and according to the programme table.

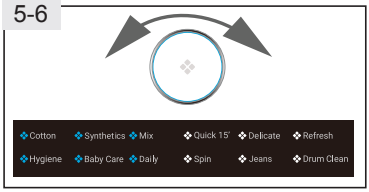
5-5



5.7 Switch on the appliance

Touch the “Power” button to swicth on the appliance (Fig. 5-5).

5-6



5.8 Select a programme

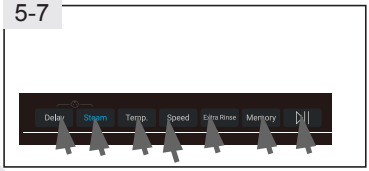
To get the best washing results, select a programme which fits the degree of soiling and sort of laundry type.

Turn the programme knob (Fig. 5-6) to select the right programme.

Note: Odour removal

Before first use we recommended to run programme Drum Clean with no load and small amount of detergent in washing agent compartment (2) or special machine cleaner to remove possibly corruptive residues.

5-7



5.9 Add individual selections

Select required options and settings (Fig. 5-7); refer to CONTROL PANEL.

5.10 Start wash programme

5-8

Press “Start/Pause” button (Fig. 5-8) to start. Appliance operates according to present settings. Changes are only possible by cancelling the programme.

5.11 Interrupt / cancel wash programme

To interrupt a running programme press gently “Start/Pause”. The LED in the button is flashing. Press it again to resume operation.

To cancel a running programme and all its individual settings:

1. Press “Start/Pause” button to interrupt the running programme.
2. Turn the knob to select a new programme and start it.

5.12 After washing

Note: Door lock

- For safety reasons the door is locked partially during the washing cycle. It is only possible to open the door at the end of the programme or after the programme was cancelled correctly (see description above).
- In case of high water level, high water temperature and during spinning it is not possible to open the door; Loc!- is displayed.

1. At programme cycle end End is displayed.
2. The appliance switches off automatically.
3. Remove laundry as soon as possible to go easy on it and to prevent more wrinkling.
4. Turn off the water supply.
5. Unplug the power cord.
6. Open the door to prevent formation of moisture and odours. Let it open while not used.

Note: Standby mode / energy-saving mode

The switched on appliance will go into standby mode if it will not be activated within 2 minutes before starting the programme or at the end of programme. The display switches off.

5.13 Activate or deactivate the buzzer

The acoustic signal can be deselected if necessary:

1. Switch on the appliance.
2. Select the Drum Clean programme.
3. Press the “Extra rinse” button “Temp.” button and “Steam” button at the same time for about 3 seconds. “bEEP OFF” will be displayed and the buzzer will be deactivated. For activating the buzzer press these three buttons at the same time again, then “ bEEP On ” will be displayed.

6-Eco-friendly washing

Environmentally responsible use

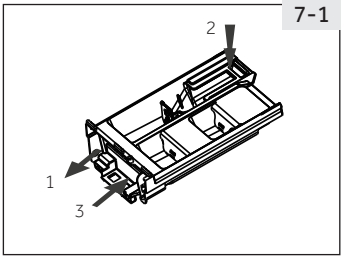
- To achieve best use of energy, water, detergent and time you should use the recommended maximum load size.
- Do not overload (hand width clearance above laundry).
- For slightly soiled laundry select the Quick 15' programme.
- Apply exact dosages of each washing agent.
- Choose the lowest adequate washing temperature - low suds detergents are efficiently cleaning below 60 °C.
- Change to different function only if the laundries soil level is high, otherwise use the default setting.

7.1 Cleaning the detergent drawer

Clean the drawer regularly to ensure there are no detergent residues. (Fig. 7-1):

1. Pull out the drawer until it stops.
2. Press there release button and remove the drawer.
3. Flush the drawer with water until it is clean and insert the drawer back in the appliance.

7-1



7.2 Cleaning the machine

- ► Unplug the machine during cleaning and maintenance.
- ► Use a soft cloth with soap liquid to clean the machine case (Fig. 7-2) and rubber components.
- ► Do not use organic chemicals or corrosive solvents.

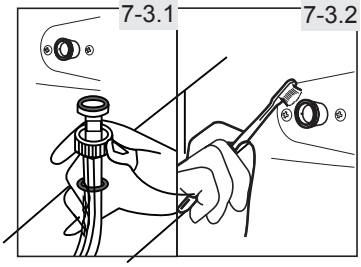
7-2

7.3 Water inlet valve and inlet valve filter

To prevent blockage of water supply by solid substances like lime clean regularly the inlet valve filter.

- ► Unplug the power cord and turn off the water supply.
- ► Unscrew the water inlet hose at the back of the appliance as well as on the tap (Fig. 7-3.1).
- ► Remove the filters and flush them with water and a brush (Fig. 7-3.2).
- ► Insert the filter and install the inlet hose.

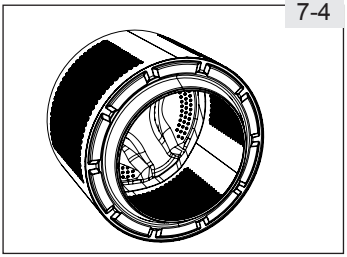
7-3.1 7-3.2



7.4 Cleaning the drum

- ► Remove accidentally washed metal parts such as pins, coins, etc. from the drum (Fig. 7-4) because they cause rust stains and damage.
- ► Use a non-chloride cleaner for removing rust stains. Observe the warning hints of the cleaning agent manufacturer.
- ► Do not use any hard objects or steel wool for cleaning.

7-4

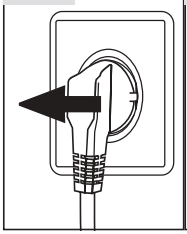


Note: Drum Clean

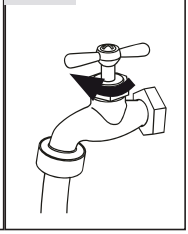
For regular maintenance we recommend to run programme Drum Clean with no load in order to remove possible corruptive residues quarterly. Add a small amount of detergent in washing agent compartment (2) - or use a special machine cleaner.

7-Care and cleaning

7-5.1



7-5.2



7.5 Long periods of disuse

If the appliance is left idle for a longer period:

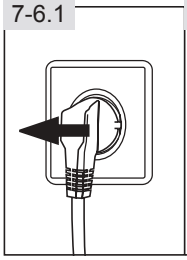
1. Pull out the electrical plug (Fig. 7-5.1).
2. Turn off water supply (Fig. 7-5.2).
3. Open the door to prevent formation of moisture and odours. Let door open while not used.

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

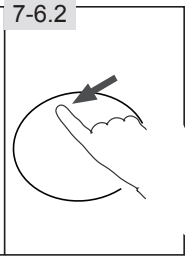
Note: Hygiene

After long periods of disuse we recommended to run programme Drum Clean with no load and small amount of detergent in washing agent compartment (2) or special machine cleaner to remove possibly corruptive residues.

7-6.1



7-6.2



7.6 Pump filter

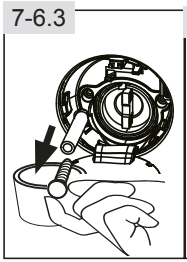
Clean the filter once a month and check the pump filter for instance if the appliance:

- Doesn´t drain the water.
- Doesn´t spin.
- Cause unusual noise while running.

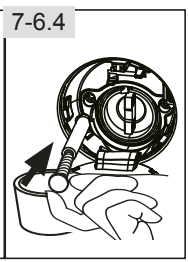
WARNING!

Scalding Risk! Water in the pump filter can be very hot! Before any action please ensure water has cooled down.

7-6.3

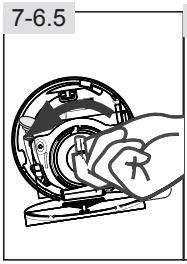


7-6.4

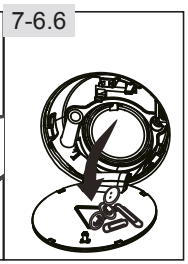


1. Turn off and unplug the machine (Fig. 7-6.1).
2. Open Filter cover (Fig. 7-6.2).
3. Provide a flat container to catch leach water (Fig. 7-6.3). There could be bigger amounts!
4. Pull the drain hose out and hold its end above the container (Fig. 7-6.3).
5. Take the sealing plug out of the drainhose (Fig. 7-6.3).
6. After complete drainage close drainhose (Fig. 7-6.4). and push it back into the machine.
7. Unscrew and remove counter clock wise the pump filter (Fig. 7-6.5).
8. Remove contaminants and dirt (Fig. 7-6.6).

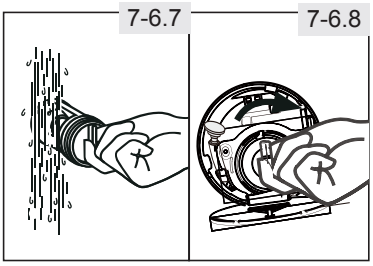
7-6.5



7-6.6



9.Clean carefully pump filter, e.g. using running water(Fig.7-6.7).
10.Refix it thoroughly(Fig.7-6.8).
11.Close Filter cover.ÿ



CAUTION!

- Pump filter sealing has to be clean and unhurt.If the lid is not full tightened, water can escape.
- The filter must be in place, or it may lead to leakage.

8-Troubleshooting

Many occuring problems could be solved by yourself without specific expertise. In case of a problem please check all shown possibilities and follow below instructions before you contact an after sales service.

WARNING!

- ► Before maintenance, deactivate the appliance and disconnect the main plug from the main socket.
- ► Electrical equipment should be serviced only by qualified electrical experts, because improper repairs can cause considerable consequential damages.
- ► A damaged power cable should only be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

8.1 Information codes

Following codes are displayed only for information referring to the washing cycle. No measures must be performed.

Code	Message
1:25	The remaining wash cycle time will be 1 hour and 25minutes.
6:30	The remaining wash cycle time including chosen end-time delay will 6 hours and 30 minutes.
End	The washing cycle is finished. The appliance shuts off automatically.
CLOC	Function child lock is activated.
Door	Door is closed because of high water level, high water temperature or spinning cycle.
BEEP On	The buzzer is deactivated.
BEEP OFF	The buzzer is activated.

8.2 Troubleshooting with display code

Problem	Cause	Solution
E01 FLOO	• Drainage error, water is not fully drained within 6 minutes.	• Clean pump filter. • Check drain hose installation.
E2	• Lock error.	• Shut the door properly.
E4	• Water level not reached after 8 minutes, at the latest. • Drain hose is self-syphoning.	• Make sure that tap is fully opened and water pressure is normal. • Check drain hose installation.
E8	• Water protective level error.	• Contact the After sales service.
E3	• Temperature sensor error.	• Contact the After sales service.
E9	• Heating error.	• Contact the After sales service.

Problem	Cause	Solution
E3	• Motor error.	• Contact the After sales service.
E04 E03 or E02	• Abnormal communication error.	• Contact the After sales service.
UNB	• Unbalanced load error.	• Check and balance laundry load in the drum. Reduce the load.
E8	• Water level sensor error.	• Contact the After sales service.

8.3 Trobleshooting without display code

Problem	Cause	Solution
Washing machine fails to operate.	• Programme is not yet started. • Door is not properly closed. • Machine has not been switched on. • Power failure. • Child lock is activated.	• Check programme and start it. • Close the door properly. • Switch the machine on. • Check power supply. • Deactivate child lock.
Washing machine will not be filled with water.	• No water. • Inlet hose is kinked. • Inlet hose filter is blocked. • Water pressure is less than 0.03 MPa. • Door is not properly closed. • Water supply failure.	• Check water tap. • Check inlet hose. • Unblock inlet hose filter. • Check water pressure. • Close the door properly. • Ensure the water supply.
Machine is draining while being filled.	• Height of drain hose is below 80 cm. • Drain hose end could reach into water.	• Make sure that drain hose is properly installed. • Make sure the drain hose is not in water.
Drainage failure.	• Drain hose is blocked. • Pump filter is blocked. • Drain hose end is higher than 100 cm above floor level.	• Unblock drain hose. • Clean pump filter. • Make sure the drain hose is properly installed.
Strong vibration while spinning.	• Not all transportation bolts have been removed. • Appliance has no solid position. • Machine load is not correct.	• Remove all transportation bolts. • Ensure solid ground and a levelled position. • Check load weight and balance.
Operation stops before completing wash cycle.	• Water or electric failure.	• Check power and water supply.
Operation stops for a period of time.	• Appliance displays error code. • Problem due to load pattern. • Programme performs soaking cycle.	• Consider display codes. • Reduce or adjust load. • Cancel programme and restart.
Excessive foam floats drum and/or detergent drawer.	• Detergent is not appropriate. • Excessive use of detergent.	• Check detergent recommendations. • Reduce amount of detergent.

8-Troubleshooting

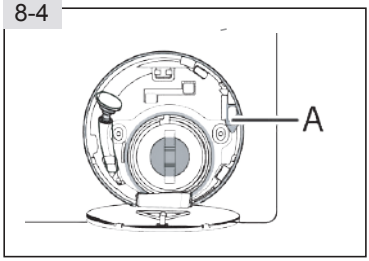
Problem	Cause	Solusion
Automatic adjustment of washing time.	• Washing programme duration will be adjusted.	• This is normal and doesn't affect functionality.
Spinning fails.	• Unbalance of laundry.	• Check machine load and laundry and run a spinning programme again.
Unsatisfactory washing result:	• Degree of pollution does not agree with selected programme. • Detergent quantity was not sufficient. • Maximum load has been exceeded. • Laundry was unevenly distributed in the drum.	• Select an other programme. • Choose the detergent according to the degree of pollution and according to manufacturer specifications. • Reduce loading. • Loose the laundry.
Washing powder residues are on the laundry.	• Insoluble particles of detergent can remain as white spots on the laundry.	• Perform extra rinse. • Try to brush the points from the dry laundry. • Choose an other detergent.
Laundry has grey patches.	• Caused by fats such as oils, creams or ointments.	• Pretreat the laundry with a special cleaner.

Note: Foam formation

If too much foam is detected uring spin cycle, motor stops and drain pump will be activated for 90 seconds. If that elimination of foam fails up to 3 times, programme ends without spinning.

Should the error messages reappear even after the taken measures, switch off the appliance, disconnect the power supply and contact the customer service.

8-4



8.4 In case of power failure

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

In case of power failure during programme run door opening is mechanically blocked. If the laundry is to be removed, the water level must not be visible in the glass door. -Danger of scalding!

- ► Lower the water level according to step 1 to 6 of chapter CARE AND CLEANING (PUMP FILTER).
- ► Pull lever (A) beneath filter cover (Fig.8-4) until door is unlocked by a gentle click.
- ► Fix all parts and close the filter cover.

9.1 Preparation

- Take the appliance out of the packaging.
- Remove all packing material including polystyrene base, keep them out of childrns reach. While opening the package, water drops may be seen on plastic bag and porthole. This is nomal phenomenon results from water tests in the factory.

Note: Packaging disposal

Keep all packaging materials out of children´s reach and dispose them in an environmentally friendly manner.

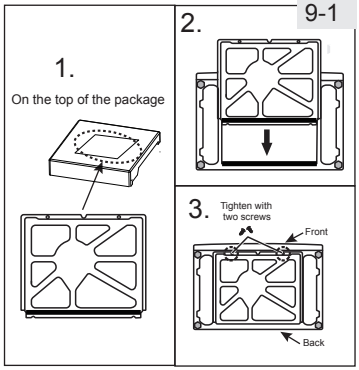
9.2 OPTIONAL: Adjusting the bottom cover board

When opening the package, you will find a bottom cover (A). The board is used for reducing noise after covering the bottom of the cabinet.

1. Lay the washing machine down to its side, windows upwards, Bottom side towards operator.

2. Insert the Bottom plate into the cabinet, Then fixed with 2 screws to the cabinet on the window side. Finally set the machine upright again (Fig. 9-1).

9-1

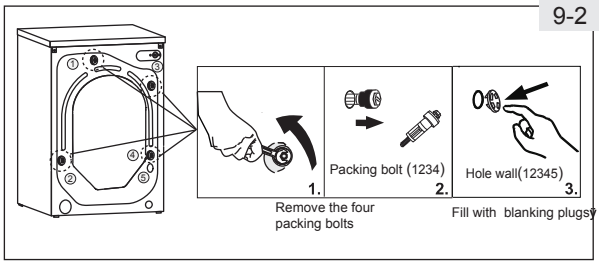


9.3 Dismantle the transportation bolts

The transportation bolts are designed for clamping anti-vibration components inside the appliance during transportation to prevent inner damage.

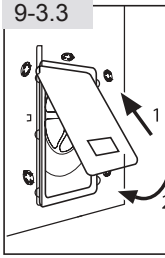
1. Remove the back cover.
2. Fill the 5 holes with blanking plugs (Fig. 9-2).

9-2

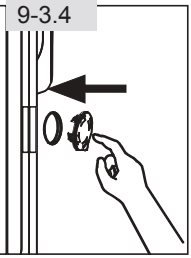


9-Installation

9-3.3



9-3.4



3. Assemble back the back cover by inserting it in the two gaps its convexity is facing out (Fig. 9-3.3).
4. Fill left holes with blanking plugs (Fig. 9-3.4).

Note: Keep in safe place

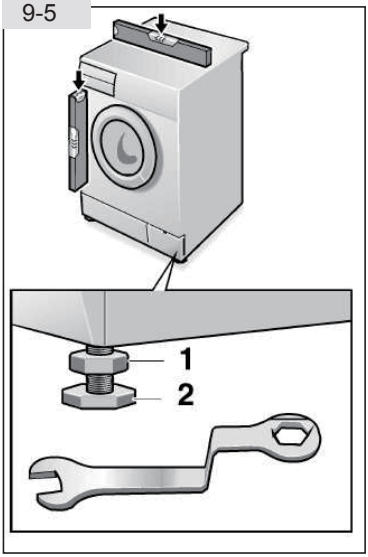
Keep the transportation bolts in a safe place for later use. Whenever the appliance is to be moved at first reinstall the bolts.

9.4 Moving the appliance

If the machine is to be moved to a distant location, replace the transportation bolts removed before installation to prevent damage:

1. Remove the blanking plugs.
2. Remove the back cover.
3. Insert the plastic spacers and the transportation bolts.
4. Tighten the bolts with a spanner.
5. Assemble back the back cover.

9-5



9.5 Aligning the appliance

Adjust all feet (Fig. 9-5) to achieve a complete level position. 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 locknut (1) by using a wrench.
2. Adjust the high by turning the foot (2).
3. Tighten locknut (1) against the housing.

9.6 Drain Water Connection

Fix the water drain hose properly to the piping. The hose has to reach at one point a height between 80 and 100 cm above the appliance bottom line!
If possible always keep drain hose fixed to the clip at the back of the appliance.

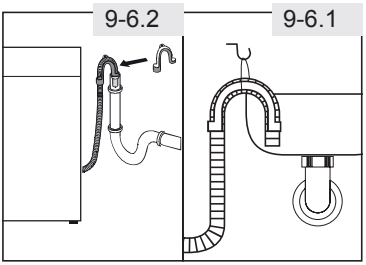
WARNING!

- Use only the supplied hose set for the connection.
- Never reuse old hose sets!
- Only connect to cold water supply.
- Before connection, check whether the water is clean and clear.

Following connections are possible:

9.6.1 Drain hose to sink

- Hang the drain hose with the U-support over the edge of a sink with adequate size (Fig. 9-6.1).
- Protect the U-support sufficiently against slipping.

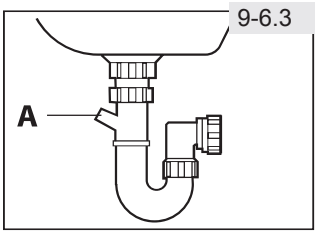


9.6.2 Drain hose to waste water connection

- The internal diameter of the stand pipe with vent-hole must be minimum 40 mm.
- Put the drain hose for approx. 80 mm in the waste water pipe.
- Attach the U-support and secure it sufficiently (Fig. 9-6.2).

9.6.3 Drain hose to sink connection

- The junction must lie above the siphon.
- A spigot connection is usually closed by a pad (A). That must be removed to prevent any disfunction (Fig. 9-6.3).
- Secure the drain hose with a clamp.

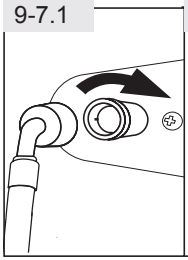


CAUTION!

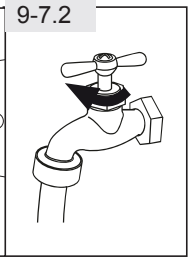
- The Drain hose should not be submerged in water and should be securely fixed and leak-free. If the drain hose is placed on the ground or if the pipe is at a height of less than 80 cm, the washing machine will continuously drain while being filled (self-siphoning).
- Drain hose is not to be extended. If necessary contact after sales service.

9-Installation

9-7.1



9-7.2

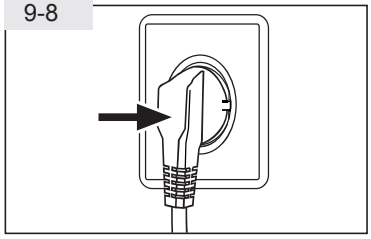


9.7 Fresh Water Connection

Make sure that the gaskets are inserted.

1. Connect the water inlet hose with the angled end to the appliance(Fig. 9-7.1).
2. Tighten the screw joint by hand (Fig. 9-7.2).

9-8



9.8 Electrical Connection

Before each connection check if:

- power supply, socket and fusing are appropriate to the rating plate.
- the power socket is earthed and no multi-plug or extension is used.
- the power plug and socket are strictly according.

Put the plug into the socket (Fig. 9-8).

WARNING!

- Always ensure all the power supply, drain and fresh water hose are firmly connected, dry and leak free.
- Ensure these parts are not crushed, kinked or twisted.
- If the supply cord is damaged, it must be replaced by the service agent (see warranty card) in order to avoid a hazard.

Note: Drum Clean

After each installation or long periods of disuse, before first use and for regular maintenance run programme Drum Clean with no load and small amount of detergent in washing agent compartment (2) or with special machine cleaner to remove possibly corruptive residues.

10-Technical data

10.1 Additional technical data

Model Name	HW90-BP14959S6
Dimension height	850mm
Width	595mm
Depth	500mm
Power supply	220-240V/50Hz
Current	10A
Max. power	1900W
Water pressure	0.03MPa≤P ≤1MPa
Net weight	59kg
Max. spin speed	1400rpm

Haier

0020506943VU