

Automatic Washing Machine

User's manual

Haier

This manual is for
HLP23E

- Please read this manual carefully before using.
- Retain it for future reference.

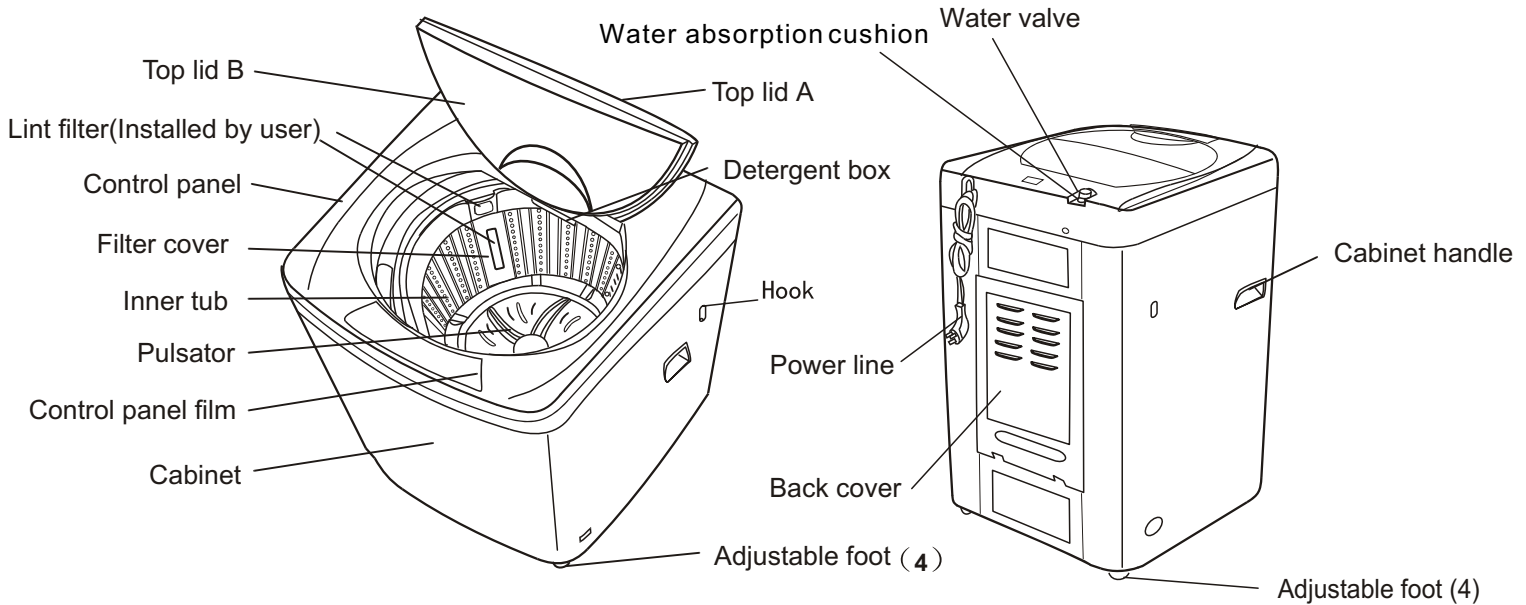
Haier

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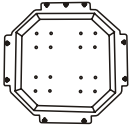
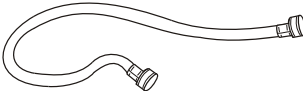





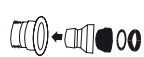


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Names of the parts



Before Using



Accessories

	bottom plate (one)
	Water inlet hose (one)
	Tapping screws (eight)
	Lint filter (two)
	Drain hose hook (one)
	Drain hose clamp (one)
	Drain hose (one)
	Water inlet hose jointer(one)
	Caster
	Spanner

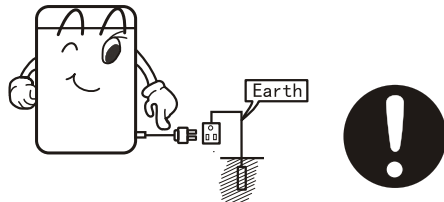
Meaning and description of the symbols

<p>Warning sign</p> 	<p>Contents marked with that symbol are related to the safety of the product and the personal safety of the users. Please operate in strict conformity to the contents, otherwise it may cause damage of the machine or injure the personal safety of the user.</p>
<p>Forbidden sign</p> 	<p>Contents marked with that symbol are actions forbidden to perform. Performing of those actions may result in damage of the machine or injure the personal safety of the user.</p>

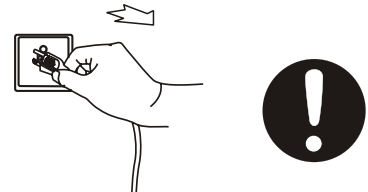
Safety precautions

Before Using

Please insert the power cord into special receptacle with rated voltage. The earthing terminal of the receptacle must be earthed reliably. If possible, please adopt electric leakage protector.



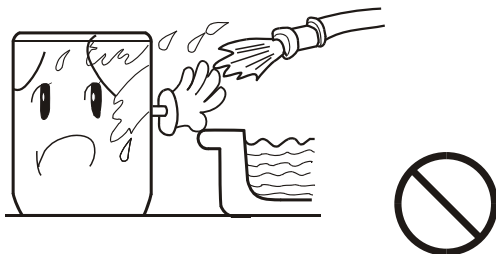
The power cord plug should be convenient to be plugged in or plugged out with hand while the washing machine runs normally. Be sure to pull the plug out and close the water tap when the machine is idle, when moving the machine, or when cleaning the machine. Do not use wet hand to insert or pull out the power plug.



Do not damage the power cord, bend, extend, twist, bind or alter it by force. Keep the pin of the power plug clean, if the power plug is polluted with dust, please wipe with dry cloth carefully.



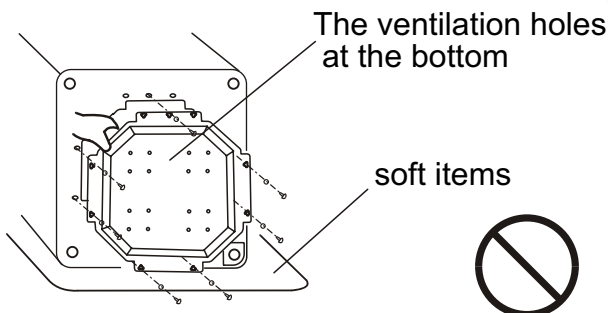
Do not put the machine at damp place like the bathroom. Never wash it with water. Not put wet laundries on the control panel.



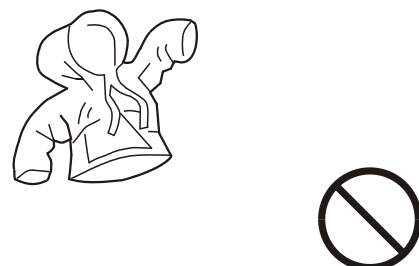
Do not use water hotter than 50°C.



In case the washing machine is installed on ground with carpet, do not block the ventilation hole with carpet.



Do not wash water-proof laundries like the raincoat, bike covers etc. to avoid abnormal vibrations in spinning.



Do not let the machine share one receptacle with other electric appliances. If the power plug is damaged, or the plugging into the receptacle is loose, do not use the plug any more.

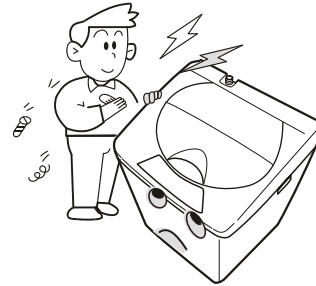


Before Using

Do not stretch hands into the working machine. It is dangerous even if the rotation is slow. Take special care of the children. Do not let the children climb the washing machine.



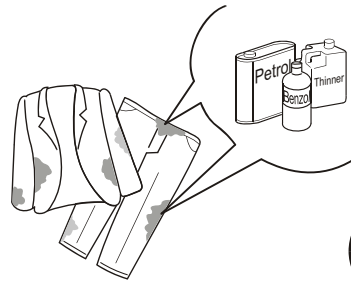
Do not decompose, repair or alter the machine by yourself.



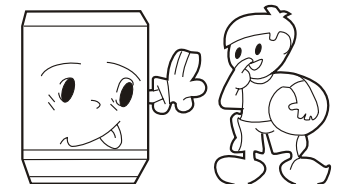
Do not put any hot or heavy items (such as the kettle with hot water) on the washing machine.



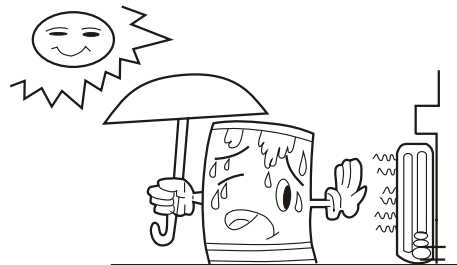
Do not wash laundries with volatile materials (such as thinner, petrol etc.)



The handicapped or children without care shall not use the machine.



Keep the machine away from direct sunlight and heat source like the heater.

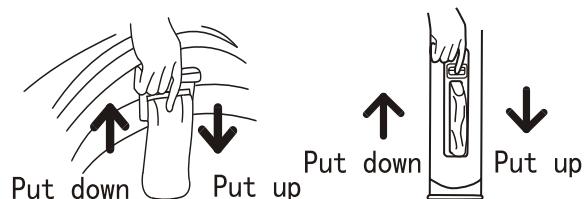


To prevent your laundries and washing machine from damage, be sure to take out all of the foreign materials from your pocket, such as coins, buttons, sand or hairpins etc.



- Before washing, please check if the water tap is open, and if the water inlet pipe is connected properly.
- It is suggested to use low-foaming washing powder

To prevent the lint in the tub from blocking the cascade outlet and influencing the cascade effect, please keep the lint filter in good condition, and install it to proper position during washing.

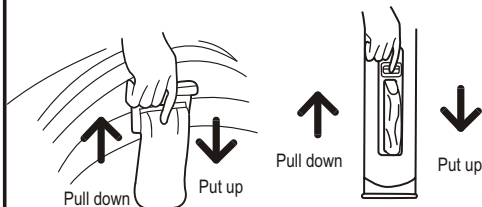


Installation and adjustment

Please install and adjust the machine according to the requirement of the manual. It is very important to your security and correct operating the machine.

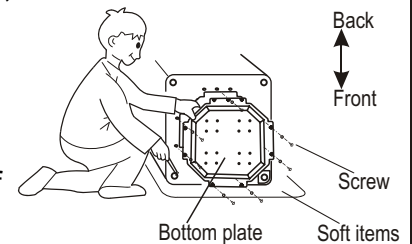
Install the lint filter

1. Press downward to assemble.
2. Pull upward to detach.



Install the bottom plate

After you open the package, please lean the washing machine gently down on soft items (like the towel cloth, blanket, etc.). Install the bottom plate to the bottom of the machine with the eight screws by a cross screwdriver, then lift the machine up gently. See to the figure:



Adjust the installation position

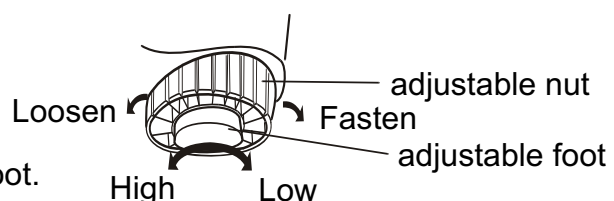
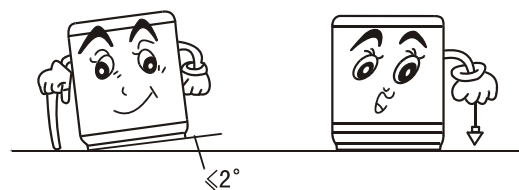
The largest allowed slope of the shank base of the machine is 2° . The slanting or rough ground will result in unstable running or stoppage of the machine. Please adjust it with following methods:

- **Adjust the adjustable foot:**

1. To twist the adjustable foot, please first lift up the side of the foot slightly, loosen the adjustable nut, and twist the foot.
2. Fasten the nut after adjustment.

- **Installation of the caster**

You may remove the caster at moving the washing machine, and then install the caster in the corresponding positions with the spanner in the bag for the accessories.



Usage of the drain hose

The drainage shall be smooth with the drain hose.

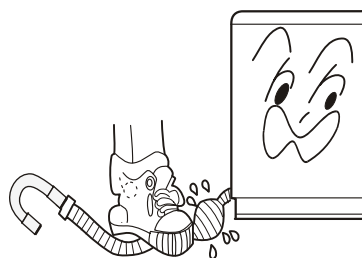
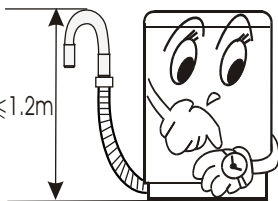
1. put the drain hose up to suitable position. Do not put it on ground

2. Do not step on or press the drain hose.

Notes: the highest point of drain pipe should be higher than the water level of washing tub for avoiding to siphon phenomenon during drain.

The highest point

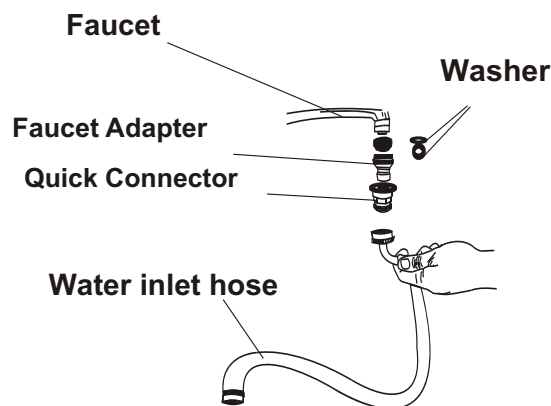
$0.8\text{m} \leq H \leq 1.2\text{m}$



Installing Quick Sink Adapter

When installing the quick sink faucet adapter to the faucet , follow the steps below :

- 1.First , remove the aerator from your faucet nozzle and determine the size/type of the faucet .
- 2.Once you determine the size/type of the faucet (Outside Threaded End or inside Thread End) , place the proper sized rubber washer into the silver faucet adapter .
- 3.Attach the silver faucet connector to the faucet .
- 4.Attach the faucet connector to the water inlet hose and make sure that the rubber washer is placed in between .
- 5.Attach the other end of the water inlet hose to the washer water inlet .



Check the connection between the water inlet hose and the water tap

- 1.Swaying the hose gently to confirm if it is fastened stable.
- 2.After installation, open the tap to check if it leaks.
- 3.Do not bend the hose with overstrain.
- 4.Before each usage please check if the connection between the water inlet hose and the water tap, and the connection between the water inlet hose and washer are firm, so as to prevent dropping from improve Installation position.



Take down the water inlet hose

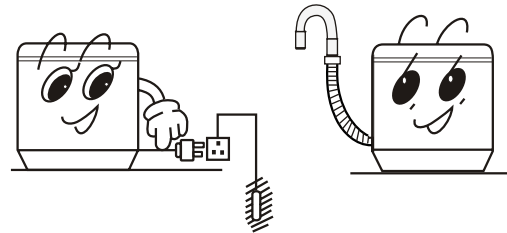
- 1.Close the water tap.
2. Pull off the water inlet hose from the water tap and washer

1 Preparation before washing *Using process*







Preparation before washing

1. Connect the water inlet hose.
2. Confirm that the washing machine is earthed reliably. Then insert the power plug into the receptacle. Do not connect the earth terminal to the gas pipe and tap water pipe.
3. Hang up the drain hose.



Pay attention to followings before washing the laundries

<p>Confirm if there's special requirement for the laundries.</p>	<p>Clear the pocket. Take out the coins, sand, hairpins etc.</p> 	<p>Fasten the buttons and zippers.</p> 	<p>The quantity of the laundries shall not exceed the rated value. The big laundries like the jeans shall be put in loosely.</p> 	<p>When the pulsator is running, the buttons of the laundries may cause noise. For the sake of discretion, please put the laundries with buttons into other laundries.</p> 
<ol style="list-style-type: none"> a. Check if the laundries are applicable for washing with machine. b. Divide the laundries that are not colorfast from other laundries. c. Put those laundries difficult to absorb water into water with hand. d. For those laundries with heavy soil, please first remove the dirt like mud or dust. For the parts with heavy soil, please apply detergent on them in advance, which can make it easier to remove the soil. e. For those laundries that may get lint ball and those with long fur, turn it over before putting in. f. Do not put those laundries polluted by chemicals into the washing machine directly. 				

2 Put in the laundries

Using process



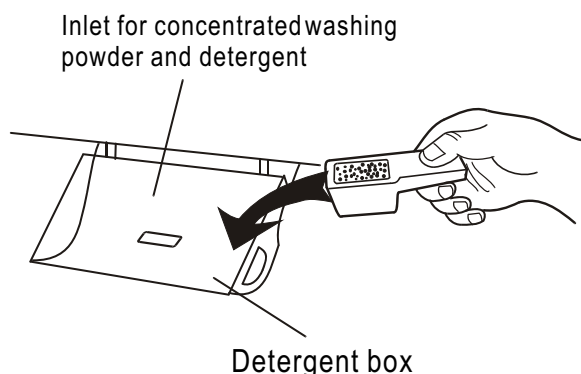
- The capacity of washing and spinning of the machine refer to the largest weight of the standard laundries under dry condition that can be washed or spinned in one time. One time washing quantity shall be lower than the rated capacity. The largest capacity of this machine is 5.0kg.
- The thickness, size, type of the cloth will influence the actual washing capacity. It is suitable for one time washing to put in reasonable amount of laundries and the laundries can be turned round in washing.
- Do not select "High" water level for laundries small than 0.5kg, so as to avoid splashing of water.

Reference weight of the laundries:

- working suit (up,down) (cotton,about 1120g)
- jeans (about 800g)
- blanket (cotton,about 900g)
- blending coat (about 800g)
- pajamas (about 200g)
- shirt (cotton,about 300g)
- jacket (cotton,about 800g)
- undershirt (cotton,about 180g)
- underpants (cotton,about 70g)
- Socks (blending,about 50g)
- single bed sheet (cotton,about 600g)

3 Put in the detergent

Using process



How to use the whitener

- Fill water to decided level. Dilute the whitener with container. Pour it slowly into the washing tub.
- Avoid using whitener on laundries with color or pattern as they are prone to lose color.
- The whitener shall not touch the laundries directly.
- Refer to the user's manual for the usage and quantity of the whitener.
- For powder whitener, please dissolve it before use.

How to use the washing powder

- Direct dissolved in the machine
 - 1.Fill water to "Low" water level.
 - 2.Add the power. Run for 30 seconds to dissolve it completely.
 - 3.Put in the laundries. Select suitable water level.
- The instant dissolving of the washing powder:
 - 1.Prepare warm water of 30°C and a container.
 - 2.Add the powder while stirring to fully dissolve it.
- Put in the prorer quantities detergent according to the water level and the laundries quantities .
- It is suggested not to use high sudsing detergent.
- Washing powder with poor quality or long time storage maybe caked. Please pay attention to cleaning the detergent box in time

| Water Temperature

If you wash cotton textile, flax and etc. you can choose the water temperature accoeding to the list. Do not use extreamly hot water (above 131° F) as it may damage hoses and machine.

Normal Wash Cycle

Hot wash (120-131° F)
white items,diaper, underclothing, and heavily soiled, colorfast items.

Warm wash (85-105° F)
most items.

Cold wash (60-75° F)
only bright colors with light soil.

Rinse: use of cold water is recommended.

Note:

- 1.For maximum energy efficiency use of cold water is recommended.
- 2.Water temperature and water levels will effect energy efficiency.

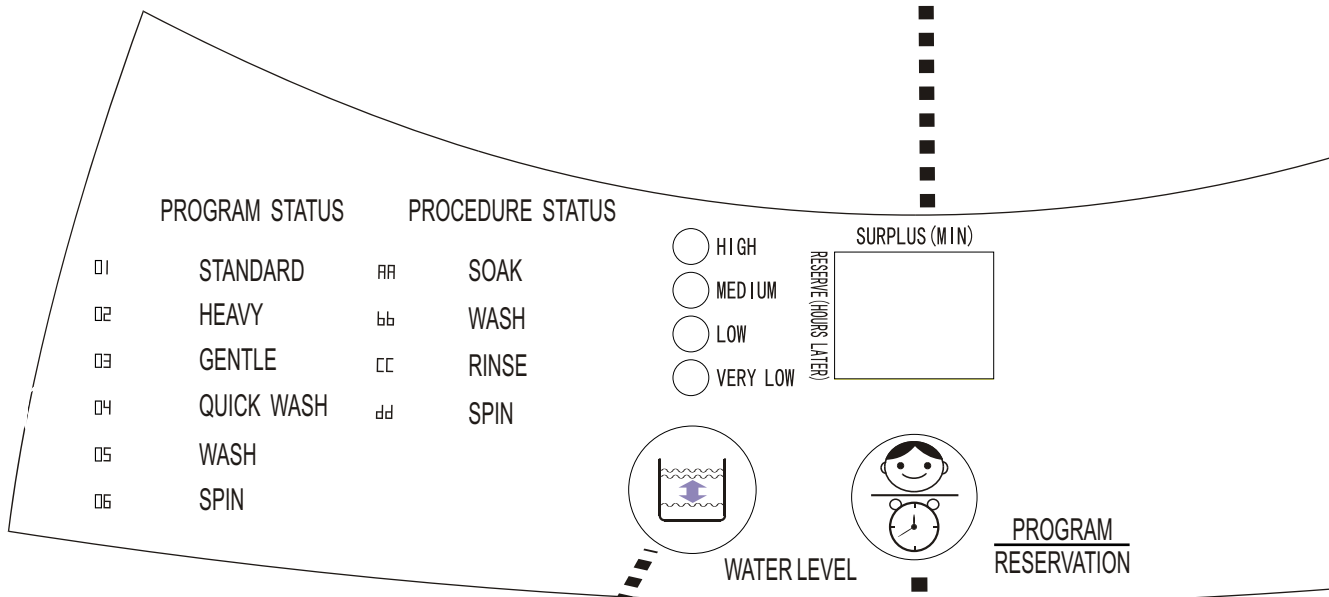
4 Use the operation buttons *Using process*

a. Description of the function of the buttons

SURPLUS(MIN)

- To indicate "--" during sensing.
- To indicate remaining min. During program running.
- To indicate remaining reserved time (hrs) during reservation period.
- To indicate fault symbols for abnormal conditions (see page 15)

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" WATER LEVEL"button

- The user selects a suitable water level depending on the load.

"PROGRAM/RESERVATION " button

- Press "PROGRAM/RESERVATION " button you can select one or several programs of Standard, Jeans, Gentle, Quick, Rinse and Spin.
- Press "PROGRAM/RESERVATION " button over 2 seconds, you can select the program of reservation. the Nixie tube displays the reserved hrs to the wash cycle end. The indicator flashes to indicate in-reservation.

Using process

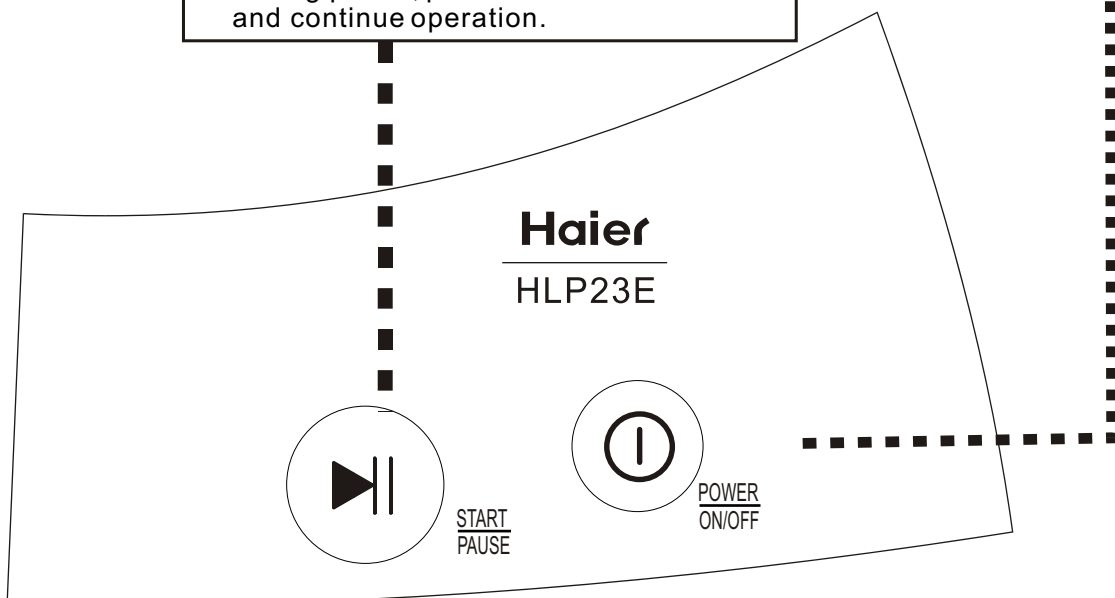
"POWER ON/OFF"button

- Press "Power On/Off" button to connect power supply.
- After power is connected, pressing this button will cut off the supply.

"START/PAUSE"button

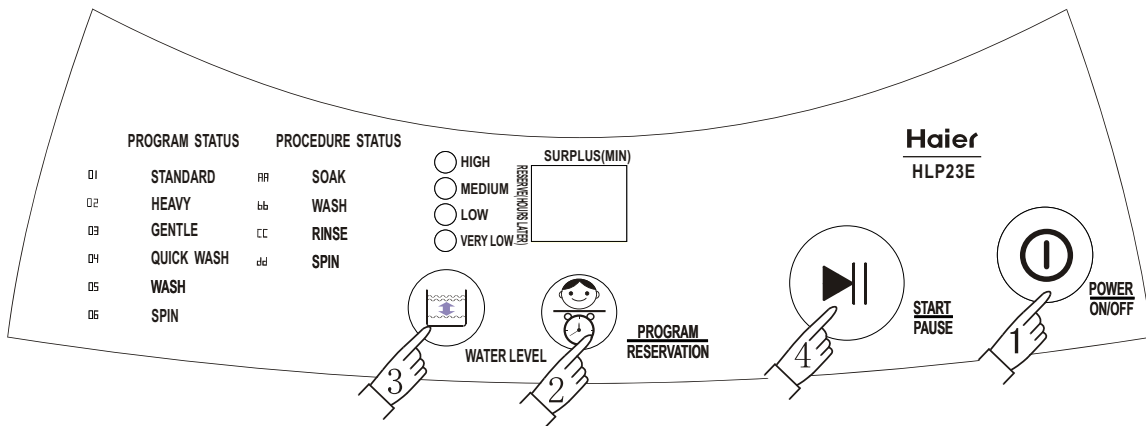
After the power is switched on, press it to start the machine

- During working, push it to pause working.
- During pause, push this button to restart and continue operation.

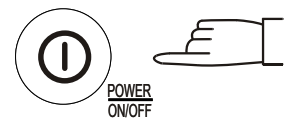


Remarks: After pressing "Power On/Off" to connect power supply, if the washing machine lasts idle more than 10 min, it would automatically shut off the supply.

b. Operating procedure and explanations for the buttons



1 Press the "Power On/Off" button to switch on the power supply



2 Press the button of "Program/Reservation" to select a suitable full-automatic program



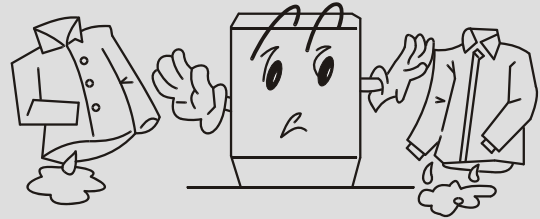
After switching on, the "Standard" program will be the default. If other full-automatic program is desired, you can press the button "Program" to get the corresponding indicator on. Refer to the "Button of 'program'" paragraph on page 9.
Example: Use the "Quick" program for slightly soiled articles.

Page 9

- When "standard" or "Jeans" program is selected, the washing machine will perform full-automatically controlled fuzzy program to set water level, water flow and wash duration according to the cloth nature and weight

Attention

- Even there's no water in the tub, the spinning will start after a certain period.
- Do not use soak process for woolen laundries.
- Wash the laundries that are prone to lose colors separately from other laundries. The pulsator will not rotate unless the
- water is filled to selected water level.



Selection method of the procedure programs

Times of pushing the "Program select" button	Corresponding program	Applicable procedure	Selected procedure program	Total Time
0	Standard	When the common laundries need washing rinse and spin	Wash(bb) Rinse(cc) Spin(dd)	About 39~44
1	JEANS	If the laundries are very dirty, or the sleeve and collar are dirty, first soak then wash	Soak(AA) Wash(bb) Rinse(cc) Spin(dd)	About 64~89
2	GENTLE	When the laundries needs to be washed carefully such as woolen textiles or underwear.	Wash(bb) Rinse(cc) Spin(dd)	About 34
3	QUICK WASH	When the laundries is lightly soiled that needs to be washed quickly.	Wash(bb) Rinse(cc) Spin(dd)	About 10
4	WASH	When the common laundries need only washing	Wash(bb)	About 13~18
5	SPIN	When the laundries need only spinning after manual washing (first drain then spin)	Spin(dd)	About 9

- If you push the "Process selector" button for 6 times, it will resume the original mode, and it will circulate like that.

Time list of each program (minute)

Program	Soak (min)	Wash (min)	Rinse (min)	Spin (min)	Total time(min)
Standard	/	About 11~16	Rinse twice, each about 3	About 6	About 39~44
Jeans	About 25~45	About 10~16	Rinse twice, each about 3	About 6	About 64~89
Gentle	/	About 6	Rinse once, about 2	About 6	About 34
Quick	/	About 3	Rinse twice, about 2	About 2	About 10
Wash	/	About 11~16	/	/	About 13~18
Spin	/	/	/	About 6	About 9

Using process

*Total time: including the normal water inlet time, drain time, excluding the power off time. The total washing time may be influenced by the water inlet pressure and water level.

*Spin time: the time from intermittent running to finishing.

*The Jeans program could combine the process of soak during which the washing machine firstly soak for about 25~45 min after water filling and then begins to wash.

*When "Quick wash" program is chosen, the washing machine would automatically set water level and full processes of wash, rinse and spin.

3 Press the "water level" button to select suitable water level



After switching on the power, press the button "Water level" to select a water level according to the load. Please refer to the paragraphs □Detergent standard dosages and water levels" and "Button of Water level" on page 9.

Page 9



4 Push the "Reservation" button to select suitable reserve program



After switching on, the washing machine reserved wash program will be automatically set inactive. If you desire a wash cycle to end at a reserved time, you can press the "Reservation" button to set a reserved wash program. Refer to "The button of Reservation" on page 9.

• Confirm the reserve program

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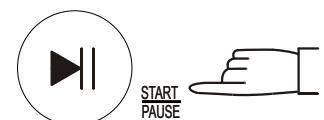


- When "Reservation" becomes active, the nixie tube displays the time to the end of the reserved wash cycle, and the indicator turns on.
- To change the running program or cancel the reservation, you should cut off the supply and reselect.



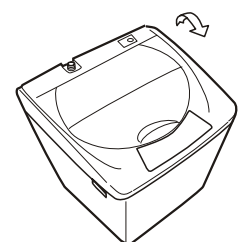
the washing will finish about 18 hours later

5 Press the "start/pause" button



5 Close the top lid

When the machine working, if the top cover is opened, the washing machine will stop running and alarm.



6 Finish washing

The washing machine cuts off the power supply automatically when wash cycle ends.



After Finishing wash alarm automatically

7 Disposal after washing

- After using, please clean the lint and foreign materials of the lint filter etc. in time. Otherwise it may influence your using the machine.
- Please first pull off the power plug from the receptacle before cleaning.

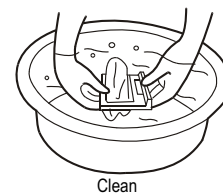
- When washing, lint filter must be used
- After using, please clean it in time.

Lint filter:

- 1.Pull upward to detach
- 2.Clean the lint

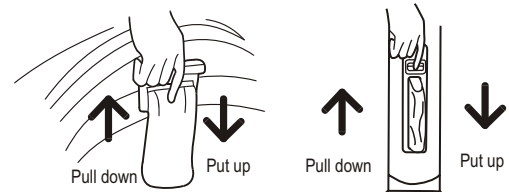
Put it in water and clean while it is still wet.
(See to Figure 1).

- 3.Press downward to assemble.



Clean

Figure 1



Pull down

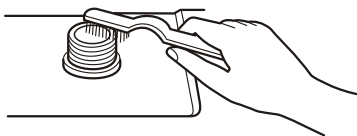
Put up

Pull down

Put up

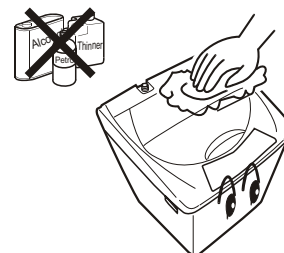
Figure 2

The filter screen of the water inlet valve is likely to be blocked by foreign materials and influence the water inlet. Please clean it with brush every two months.



If the cabinet is dirty, wipe it with wet cloth

- Do not flush it directly with water.
- Wipe it with neutral detergent.
- Do not wipe it with thinner, petrol, alcohol etc.



- 1.After washing, close the water faucet. (If needed, you can dismantle the water inlet hose).
- 2.Do not store water in the washing machine for a long period. Drain the water completely after each using.
- 3.Be sure to pull off the power plug before maintenance.
- 4.Hang up the power cord and drain hose.
- 5.Wipe off the water drops on the surface of the machine and inside the tub. Open the top lid for some time (about 1 hour), then close the top lid.

Trouble shooting • Answer to question

(If there's breakdown, please pull off the power plug before checking) The following phenomena are not breakdowns sometimes. Please confirm again before sending it to repair. If there are real breakdowns, please come to the special maintenance department. Do not repair it by yourself.

Phenomena		The reason	How to settle
Buzzing upon reservation starts, Nixie tube indicates "E0"		<ul style="list-style-type: none"> ● The top lid is not closed 	<ul style="list-style-type: none"> ● Close the top lid
No or slow drain, nixie tube indicates "E1", buzzing.		<ul style="list-style-type: none"> ● Is the drain hose blocked by foreign material? 	<ul style="list-style-type: none"> ● Clean the foreign material. Open and close the top lid once.
Running pauses during spin, nixie tube indicates "E2 " buzzing		<ul style="list-style-type: none"> ● The top cover leaves open 	<ul style="list-style-type: none"> ● Close the top lid
Safety switch actuates, not spin, (after self-correction twice), nixie tube displays "E3", buzzing		<ul style="list-style-type: none"> ● Are the laundries put slantingly? ● Is the machine slanting? 	<ul style="list-style-type: none"> ● Re-order the laundries. Close the top lid. ● Level the machine in right position. Open and close the top lid once.
No or slow water filling (not reaching the level in 15 min), nixie tube indicates "E4", buzzing		<ul style="list-style-type: none"> ● The water tap is not open ● The water inlet valve is blocked ● The water pressure is too low and the current is too small 	<ul style="list-style-type: none"> ● Open the water tap. Push the "Start/Pause" button. ● Clean the water inlet valve. Push the "Start/Pause" button. ● Wait for the normal water pressure before use.
The machine does not act	Not wash	<ul style="list-style-type: none"> ● Is there power failure? ● Is the power plug loose? ● Does the water level arrive at the set water level? 	<ul style="list-style-type: none"> ● Use it when the power is on. ● Insert the power plug tightly. ● Affusion to the set water level.
	Not spin	<ul style="list-style-type: none"> ● Is the power plug loose? ● Is the top lid closed? ● Are the laundries put orderly? 	<ul style="list-style-type: none"> ● Insert the power plug tightly. ● Close the top lid ● Put the laundries orderly.
There's abnormal sound inside the machine.		<ul style="list-style-type: none"> ● Is the machine slanting? ● Is there metal material inside the washing machine? ● Are the laundries slanting in spinning? 	<ul style="list-style-type: none"> ● Level the machine properly. ● Fasten the buttons and zipper ● Reorder the laundries. Close the top lid.
No water filling		<ul style="list-style-type: none"> ● Is the power plug loose? ● If the water faucet is turned on? ● If Power On/Off and Start/Pause are pressed? 	<ul style="list-style-type: none"> ● Insert the plug firmly ● Turn on the water faucet ● Press Power On/Off and Start/Pause
The machine does not act. (the indicators are off.)		<ul style="list-style-type: none"> ● Is there power failure? ● Is the power plug loose? 	<ul style="list-style-type: none"> ● Use it when the power is on. ● Insert the power plug tightly.

Common phenomena

Phenomena	Explanation
<ul style="list-style-type: none"> • The spinning is intermittent when it starts. 	<ul style="list-style-type: none"> • Balance the laundries to avoid slanting.
<ul style="list-style-type: none"> • Push the "PROGRAM /RESERVATION" button to select "Spin", but it doesn't work. 	<ul style="list-style-type: none"> • The program is setting the drain time. Some time is needed before it starts spinning.
<ul style="list-style-type: none"> • There may be some water flowing out of the drain hose in the first use of the machine. 	<ul style="list-style-type: none"> • It is the water remained in the factory inspection of performance.
<ul style="list-style-type: none"> • While water filling in wash and rinse, the pulsator pauses rotation 	<ul style="list-style-type: none"> • To prevent splash during water filling.
<ul style="list-style-type: none"> • Wash pauses 	<ul style="list-style-type: none"> • Supplementary water filling 48 s after sensor tests cloth material.

Packing list

Name	Quantity
<ul style="list-style-type: none"> • User's manual 	<ul style="list-style-type: none"> • One
<ul style="list-style-type: none"> • Water inlet hose 	<ul style="list-style-type: none"> • One
<ul style="list-style-type: none"> • Bottom plate 	<ul style="list-style-type: none"> • One (Between the upper cushion of the washing machine package and the upper seal of the package carton)
<ul style="list-style-type: none"> • Drain hose 	<ul style="list-style-type: none"> • One
<ul style="list-style-type: none"> • Drain hose hook 	<ul style="list-style-type: none"> • One
<ul style="list-style-type: none"> • Drain hose clamp 	<ul style="list-style-type: none"> • One
<ul style="list-style-type: none"> • Tapping screws ST4x16 	<ul style="list-style-type: none"> • Eight
<ul style="list-style-type: none"> • Lint filter 	<ul style="list-style-type: none"> • Two
<ul style="list-style-type: none"> • Water inlet hose jointer 	<ul style="list-style-type: none"> • One
<ul style="list-style-type: none"> • Caster 	<ul style="list-style-type: none"> • Four
<ul style="list-style-type: none"> • Spanner 	<ul style="list-style-type: none"> • One
<ul style="list-style-type: none"> • Automatic washing machine 	<ul style="list-style-type: none"> • One

Specification

Model	HLP23E
Water level/Water quantity (about)	Lowest/20L Low/30L Mid/37L High/48L
Water inlet pressure	0.03MPa-1.0MPa
Dimensions (mm)	L 500 W 500 H 882

WARRANTY

Compact Washing Machines IN HOME SERVICE

What is covered and for how long?

This warranty covers all defects in materials and workmanship in technical and electrical parts (including labor costs) contained in this Haier product for a period of 12 months from the date of purchase.

For commercial or rental applications, the warranty period is 90 days.

Second through Fifth Year

Haier will provide the outer washtub and related outer tub assembly parts should the part fail to hold water.

Second through Seventh Year

Haier will provide the inner stainless steel wash tub if defective in material or workmanship.

Note: This warranty commences on the date the item was purchased and the original purchase receipt must be presented to the authorized service representative before warranty repairs are rendered.

YOU MUST KEEP AND BE ABLE TO PROVIDE YOUR ORIGINAL SALES SLIP AS PROOF OF THE DATE OF PURCHASE

Who is covered?

The original retail purchaser of this Haier product.

What will be done?

Haier will repair or replace (including labor costs) any mechanical or electrical part or the motor which proves defective in normal household use for a period of 12 months.

How can you get service?

Contact your nearest authorized service center. All service must be performed by a Haier authorized service center. For the name and telephone number of the nearest authorized service center please call **1-514-223-9023**

This warranty covers appliances within the continental United States, Puerto Rico and Canada. What is not covered by this warranty:

- * Adjustment of consumer operated controls as explained in the owner's manual.
- * Any product whose serial number has been altered, defaced or removed.
- * Hoses, knobs, joint parts, lint trays and all attachments, accessories, and disposable parts.
- * Repair of damages from improper installation.
- * Damages in shipping.
- * Defects other than manufacturing defects.
- * Defects from misuse, abuse, accident, alteration, lack of proper care and maintenance or incorrect current or voltage.
- * Damages from other than normal household Use.
- * Damages from service by unauthorized dealer or service center.
- * Any transportation and shipping charges.
- * Labor, service, transportation and shipping charges for the removal of defective part and installation of replacement part beyond the initial 12 month period.

THIS LIMITED WARRANTY IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE WARRANTIES IF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE.

The remedy provided in this warranty is exclusive and is granted in lieu of all other remedies. This Warranty does not cover incidental or consequential damages. Some states do not allow the exclusion

of incidental or consequential damages, so the above limitation may not apply to you. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

This warranty gives you special legal rights and you may also have other rights, which vary from state to state.

**Haier 4742 Cote Des Neiges
Montreal, QC H3V 1G2**