SHARP

ES-HK100X-W

Operation Manual of Fully Auto Top Load Washing Machine
自動洗衣機使用説明書

Thank you for purchasing our product.
承蒙購買本公司產品
深表謝意

Please read this manual carefully before use.
Please read “Safety Precautions” carefully before use.
Please keep this manual in a safe place.
Our product is intended for household use only.
使用前請務必閱讀本説明書。
使用前請務必閱讀“安全注意事項”。
使用前請保存好本説明書。
本公司產品專為家庭用戶設計。



DCH ToolBox 大昌行電器維修中心

保養登記
Warranty Registration

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Safety Precautions

⚠ WARNING

Do not allow children to play with or look around the washing • dehydration tub, in case they fall into the tub, they will get injured.


FORBIDDEN

Clothing stained with harmful diluting agents such as gasoline, kerosene and so on must not be put into the washing • dehydration tub.



Do not use power supply other than AC220V,50Hz, so as to avoid malfunction, damage and fire.


FORBIDDEN

Do not modify the machine (except for professional repairmen). Please do not disassemble and repair the machine without permission, so as to avoid fire, electric shock, getting hurt or machine malfunctions.


FORBIDDEN TO DISASSEMBLE

To prevent electric shocks, fires, malfunctions and distortions, do not place the machine in a place with high-humidity (such as bathrooms), or where wind and rain may get in.


FORBIDDEN TO USE AT HIGH-HUMUDITY LOCATIONS.

Use a plug seat above 10A separately. A loose plug seat or the action of sharing a plug seat with other apparatus may start a fire due to heat.


MANDATORY

This machine is equipped with an earthing plug. Changing the plug is not allowed. If an earthing-type receptacle is not available, customer is obligated to have it installed by qualified electrician.


MANDATORY

Clean the dust on the plug and plug seat to avoid fire.


MANDATORY

While cleaning the machine body, the plug should be pulled out first. Do not plug or pull the plug with wet hand or wet cloth, so as to avoid electric shock.


PLUG OR PULL THE PLUG

Before the dehydration tub completely stops, do not touch the clothing being washed. Even if the tub is running at low speed, your hand may get wrapped up and injured. Special attention should be paid to children.


FORBIDDEN TO TOUCH

Do not change the original state of power cable. Any artificial damage to the power cable could cause electric shock, electric leakage or other malfunctions.


FORBIDDEN

Do not use damaged power cable, plug and loose plug seat, so as to avoid short circuit, electric shock, fire and other accidents.


FORBIDDEN

Do not use water to wash components of the machine, so as to avoid short circuit and electric shock.


FORBIDDEN TO WASH WITH WATER

To move the machine, only carry by it handle to avoid any harm or damage.


FORBIDDEN

If gas leak, do not plug or unplug the machine. Do not use any inflammable object close to the machine.


FORBIDDEN

Do not approach any fire source near to a plastic component, which has the risk of starting a fire.


FORBIDDEN

Safety Precautions

⚠ CAUTION

Do not wash clothing treated for water resistance. Do not wash sleeping bags, bath curtains, raincoats, rain ponchos, rain covers, ski jackets, ski pants, automobile covers and other water-resistant clothing, so as to avoid abnormal vibration and other unexpected accidents.



During dehydration, the washing machine is rotating at high speed. Because water in water-resistant clothing could not be discharged instantaneously, the machine will be out of balance, causing abnormal vibration and other unexpected accidents.

Do not wash objects other than clothing, such as cabbage, sweet potato, kelp, shoes and so on, so as to avoid abnormal vibration and causing damage to the machine.



While the machine is running, do not touch the bottom with hand or foot, where there's a rotating mechanism, so as to avoid getting hurt.



Water temperature must not exceed 55℃, so as to avoid accidents of electric leakage and electric shock due to distortion or damage of plastic.



When connected to water tap, follow the instructions stated to connect the water inlet hose. Make sure inlet hose and water tap connect properly. Do not frequently remove inlet hose. Do not pull or twist drain hose.



While pulling out or plugging the plug, do not touch the metal part of the plug, so as to avoid electric shock or short circuit.



Before using, check the bottom of the product. Make sure there is no packaging material such as plastic holder still attached on the visible parts. Then only install the bottom cover.



After using the washing machine, please pull out the plug, so as to avoid electric leakage, electric shock or fire due to loose connection of plug.



Do not put heavy things on the machine, so as to avoid distortion and damage.



Please use the provided water inlet hose and drain hose, do not reuse old hose.
Before using, check carefully if the connection of water inlet hose or drain hose is reliable, so as to avoid water leakage.



After using, please turn off the tap to avoid water leakage.



The base opening must not be obstructed by carpeting when the washing machine is installed on a carpeted floor.

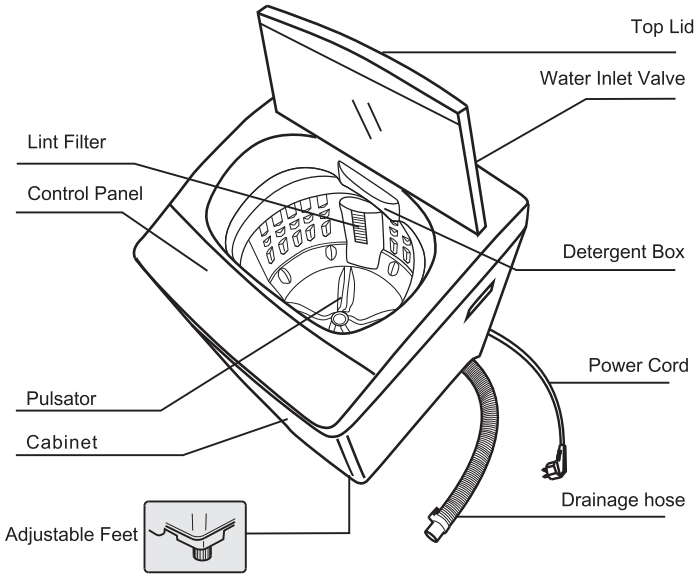


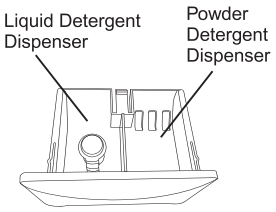
CAUTION

- To avoid danger, if the soft power cable is damaged, it must be replaced by the manufacturer, its maintenance department or a qualified personnel.
- If powder detergent or liquid detergent adheres to a plastic component such as the top cover, wipe it away immediately; otherwise it may damage the plastic component.
- Please wash the filter frequently to keep the washing efficiency.
- This appliance is intended to be used in household and similar applications such as:
  - 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.

Component Parts

Unit





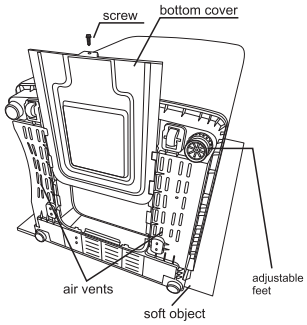
List of accessories

Item	Quantity
Water inlet hose assembly	1 set
Drain hose assembly	1 set
Screw	1 pc
Bottom cover	1 pc
Operation manual	1 pc

How to Install

Installing the bottom cover

1. Take out the bottom cover from carton box.
2. Slowly lean the unit facing up/down on soft object.
3. Push the bottom cover into the base slot.
4. Use the screw to fix the bottom cover onto the base of body (a small hole in the middle of the bottom cover), then slowly lift up the unit.



Placing the washer

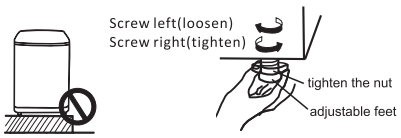
1. Install the washer, adjust the Adjustable Feet if surface is not level:

① Loosen up the nut on adjustable feet, adjust the feet until until washer is on level.

② After adjusted the washer, tighten up the nut on adjustable feet.

2. If surface is not level, please insert step or platform to make sure washer is on level.
3. Distance between washer and wall should be at least 5cm.

Note Do not place washer on step or platform to avoid washer tip over. When placing washer on carpet, make sure carpet does not block air vents.



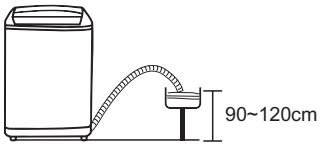
Installing the drain hose

Connect the drain hose to drain outlet, then secure it with the metal clamp.

Note 1. Don't fix and seal the outlet of drain hose in the sewer.

Or the air will be prevented from the drain hose and the drain hose clog or not drain .

2. Never let the end of the drain hose be immersed in the water.
3. In order to prevent siphoning, please ensure the end of the drain hose is fitted minimum 90cm and maximum 120cm above the ground.



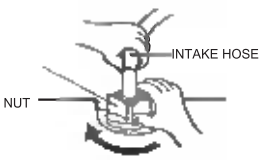
Installing the water inlet hose



1. Align screw thread of connector with screw thread of tap bore.



2. Switch connector tightly to make rubber tap press tightly on the tap bore until it is completely prevented from water leaking.



3. Swith the joint at the other side of the intake hose to the joint of washing machine.

4. Notice: Use your strength evenly while switching. do not twinkle the intake hose in case that the hose end will broken.

Note

The new hose-sets supplied with the appliance are to be used and that old hose-sets should not be reused.

Things to Check Before Wash

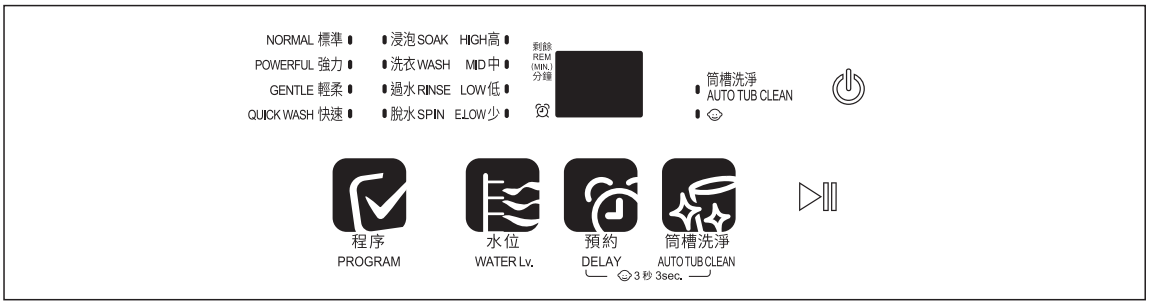
- The capacity of Wash and Spin program refers to the maximum weight of dry clothes that Wash and Spin program can take on.
- Different types of fabric and size will affect the washing performance, put an adequate amount of clothes to ensure a good rotation for a more effective wash.
- Remove coins, keys, and other hard objects, close zippers, buckles to avoid scratching the interior of washing machine.
- To wash wool and delicate clothing, use washing mesh bag.
- Sort out colorfast items and heavily soiled items to wash them separately.
- The amount of softener and liquid detergent shall not exceed the top of siphon cap.

Instructions Before Wash

1. Connect water inlet hose properly, turn on water tap, put down the drain hose.
2. Before plugging in the power cord, make sure the socket is earthed.
3. Check the care label to see whether the clothes is suitable to wash by a washer.
4. Load washing machine properly, add measured detergent and softener.
5. Close the lid.

Control Panel Functions

Control Panel



	POWER: Plug the power cord, press this button, the power will be connected. Press this button again to shut the power off. NOTES: 1. Press POWER button to activate power, it will turn off automatically after 5 minutes of inactivity. 2. Press START/PAUSE button when machine operates, it will turn off automatically after 10 minutes of inactivity.
	START/PAUSE: Connect power and press this button, the chosen program will start running. Press again, chosen program will pause.
程序 PROGRAM	NORMAL: Default program, suitable for daily soiled clothing like shirt and pants. POWERFUL: Strong washing flow, suitable for towel and other heavy clothing. GERTLE: Suitable for silk or other delicate clothing. QUICK WASH: Low water level, suitable for less dirty or light clothing. SOAK: An additional washing program, only selectable for NORMAL and POWERFUL mode. After selecting, SOAK will light up together with the chosen program. Display shows "JP". When soaking, tub rotates discontinually. Soaking time sets automatically according to water level, manual setting is not available. Soaking time for water level LOW and E.LOW:20 minutes; water level HIGH and MID:30 minutes. WASH: Select for wash program. RINSE: Select for rinse program. SPIN: Select for spin program.
筒槽洗淨 AUTO TUB CLEAN	CHILD LOCK: All buttons will not function under child lock mode, except to unlock. Alarm beeps when lid is open under child lock mode. For safety purpose, washer will drain the water if lid opens for too long. AUTO TUB CLEAN: This function is to wash the inner tub, do not put any clothes when you activate this function. For better cleaning result, you may add detergent for cleaning tub.
水位 WATER Lv.	WATER Lv. : Choose the suitable water level according to load size. (E.LOW~HIGH)
預約 DELAY	DELAY: Select suitable preset time (1~24hours). Preset time is to set the time for start washing. 1hour preset time means Program will start washing after 1 hour. DELAY is an additional function on top of other features.

Control Panel Functions

Control Panel

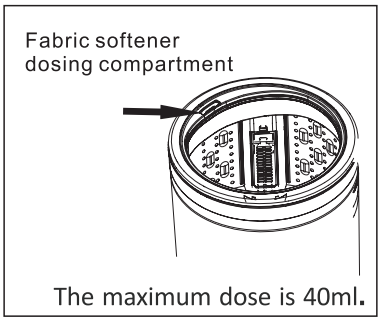
- Fuzzy program starts display with "- -"
- When program is running, display shows remaining time (Rem) in "min"
- When DELAY mode operating, display shows preset time (Preset) in "hour"
- When SOAK mode operating, display shows "JP"
- When error occurs, display shows error code, see page 13

Things to Check Before Operating Your Washing Machine

- When selecting a washing program, choose the water level according to load size. May choose different water levels for different programs.
- Once START/PAUSE button pressed (washing program running), the selected program cannot be changed. To change washing program, turn the power off then turn on again.
- The indicator light blink while program is running. Indicator light will light up when program is selected.
- Guide for operation buttons:
  1. Other than POWER button, the rest of the button do not work when the washer is beeping; DELAY is working; or wash course ends.
  2. When washer is paused, PRESET button will not function.
  3. Other than POWER button and START/PAUSE button, the rest of the buttons will not function when wash, rinse, spin course is running.
- To avoid washer overheat which could cause thermostat to operate, please do not continuously run the washer more than 3 cycles.

Usage of Softener

- Measure the correct amount as recommended on the softener package into a cup and then pour it into the softener dispenser
- If the concentrated softener is used, dilute it with water one third of its original concentration before pouring it into the softener inlet.
- Do not leave softener in the softener inlet for long periods, it may agglomerated.
- Do not mix softener with other detergent, it may cause chemical reaction.
- Please rotate inner tub clockwise until you can add softener into the dosing compartment conveniently.
- The auto dosing function will not work if rinse option is selected as "1".
- During the rinsing process, do not open the tub lid. On the contrary, softener will be put in ahead of time, and it will affect the result.



The maximum dose is 40ml.

CAUTION While thermostat is operating, washer will stop functioning. Washer will resume to normal when its temperature decreases.

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.

The representative period of power input testing

Washing: under normal operation, the average value of the whole washing cycle, excluding motor stop time;

Spinning: under normal operation, the average of the longest period of continuous motor operation.

How To Use Different Washing Programs

NORMAL Program

Select water level from E.Low~High, suitable for soiled items like shirt and pant.



1. Switch power on.



2. Select NORMAL course by pressing Program button. (For soak, select NORMAL + Soak)



3. Select water level by pressing WATER Lv. button



4. Press Start /Pause button.

5. Washing course ends with beeping sound. Power shuts off after 30s.

POWERFUL Program

Suitable for blankets and other big and heavy clothing.



1. Switch power on.



2. Select POWERFUL course by pressing Program button. (For soak, select POWERFUL + Soak)



3. Press Start /Pause button.

4. Washing course ends with beeping sound. Power shuts off after 30s.

Note:
1. Water Level setting is not available for this program.
2. Automatically set to High water level.

GENTLE Program

Select water level from Low~High, suitable for silk and other delicate clothings.



1. Switch power on.



2. Select GENTLE course by pressing Program button.



3. Select water level by pressing WATER Lv. button



4. Press Start /Pause button.

5. Washing course ends with beeping sound. Power shuts off after 30s.

How To Use Different Washing Programs

QUICK WASH Program

Select water level from Low~Mid, suitable for small load size and cleaner clothing.



1. Switch power on.



2. Select QUICK WASH course by pressing Program button.



3. Select water level by pressing WATER Lv. button



4. Press Start /Pause button.

5. Washing course ends with beeping sound. Power shuts off after 30s.

WASH/SPIN Program



1. Switch power on.



2. Select WASH/SPIN course by pressing Program button.



3. Select water level by pressing WATER Lv. button. (Water Level selection is not available for Spin mode.)



4. Press Start /Pause button.

5. Washing course ends with beeping sound. Power shuts off after 30s.

RINSE Program



1. Switch power on.



2. Select RINSE, SPIN course by pressing Program button.



3. Select water level by pressing WATER Lv. button



4. Press Start /Pause button.

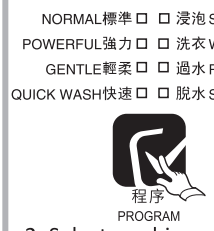
5. Washing course ends with beeping sound. Power shuts off after 30s.

Additional Functions

DELAY Function



1. Switch power on.



2. Select washing course by pressing Program button.



3. Select water level by pressing WATER Lv. button



4. Select preset time by pressing DELAY button (display showing preset time)



5. Press Start /Pause button.

6. Preset start.
7. When display showing remaining time, preset is end. (Preset lights off, Rem lights on)
8. Washing course end with beeping sound, power shut off after 30s.

AUTO TUB CLEAN Function



Switch power on, press "AUTO TUB CLEAN" button to select
Press START/PAUSE button to activate tub clean function.

CHILD LOCK Function



While washing course is operating , press DELAY and AUTO TUB CLEAN. button together until the CHILD LOCK lights up to activate CHILD LOCK function. To deactivate, repeat the same step until the light goes off.

FUZZY Function

Suitable for Standard program only. Switch on power and press Start/Pause button.

Sensor device detects load size and selects properly the washing condition such as water level, washing course, and washing time. Pressing the water level button or selecting other washing course before starting a wash will cancel Fuzzy Function. To use Fuzzy Function, please ensure there is no water or very little water in the tub.



1. Switch power on.



2. Select NORMAL course by pressing Program button.



3. Press Start/Pause button.

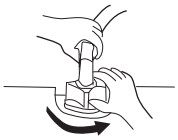
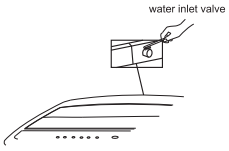
4. Washing course ends with beeping sound. Power shuts off after 30s.
Caution: Pressing WATER Lv. button while washing course is operating will cancel Fuzzy Function.

Cleaning and Maintenance

Cleaning Water Inlet

Proper care of your washer can extend its life.

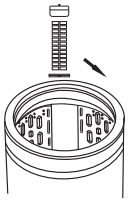
After long usage time, water inlet filter may be blocked by dirt.Please follow instructions below to clean the filter:

				
1. Shut off the water faucet, lift the hose up.	2. Switch power on, press Water Level button.	3. Press Start/Pause button. Caution: Switch power off after few seconds.	4. Remove water inlet hose. Caution: Do not twist the hose.	5. Clean the inlet valve filter. Caution: The filter can be removed and washed.

Note Do not remove the inlet valve filter when using the washing machine.

Cleaning Lint Filter

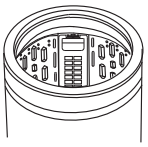
Clean it each time washing is finished.



1. Press the shaft and pull the filter out.



2. Open the filter and clean it with water.



3. Plug the filter towards the wall with the fixing slot.

Maintenance

1. After wash course ends, turn off the water tap, shut the power off. Remove water inlet hose if necessary.
2. Please drain the tub completely. Make sure the tub is dry and there is no water residue.
3. Unplug the washer before maintenance.
4. Hang the hose and power cord properly.
5. Use a soft cloth to wipe away the water and stain inside the tub, open the lid for 1 hour then close the lid back.
6. Use a soft cloth to clean the water and stain on the washer body. To avoid damage to the body, do not use detergents, solvents , etc.

Troubleshooting

CAUTION: If there is error happen, washer will displays error code with beeping sound. If error do not fix after 10 minutes, washer will turn off automatically. Some of the circumstances may not be a fault, please check before sending for repairs. If it is a fault, please contact our service department, do not try to disassemble the washer or repair the washer by yourself.

Display	Problem	Solution	Reason	Summary of Reason
E1	• Water supply is too low. • Water faucet is shut off. • Filter net of water Inlet valve blocked.	• Increase water supply. press START/PAUSE button. • Turn on the water faucet. press START/PAUSE button. • Wash the filter net, remove blockage, press the START/PAUSE button.	①② ③④ ⑤⑥	① Pipe leaking ② PWB breakdown ③ Inlet valve breakdown ④ Circuit board breakdown ⑤ Connection of control panel loosen off ⑥ Water level sensor breakdown ⑦ Lid switch breakdown ⑧ Drainage system breakdown ⑨ Retractor breakdown ⑩ Connection of retractor loosen off ⑪ Stop switch breakdown
E2	• Water level exceeded the highest limit of the tub. • Abnormal water level.	• Program will automatically adjust the water level and resume function.	②④ ⑤⑥	
E3	• Lid open when running PRESET mode. • Lid do not close when Spin mode is operating.	• Close the lid.	②④ ⑤⑦	
E4	• Washing machine incline. • Clothes is collected on one side, causing unbalanced spin.	• Adjust the adjustable leg. • Open the lid and distribute the clothes evenly.	④⑤ ⑪	
E5	• Draining position is relatively high. • Drainage hose is frozen or blocked. • Drainage hose is bent, squeezed, tangled.	• Lower down the drain hose, press START/PAUSE button. • Defreeze/unblock drainage hose, press START/PAUSE button. • Smooth out drainage hose, press START/PAUSE button.	②④ ⑥⑧ ⑨⑩	
E7	• Lid do not close when child lock is on.	• Close the lid in 10s and program will resume itself; if lid is still open after 10s, machine will start draining. To resume, deselect CHILD LOCK (press PRESET and ADD. button) mode.	②④ ⑤⑦	

Common non-fault phenomenon

Phenomenon	Possible reason and solution
Program stops during WASH/RINSE mode	Water detector is working, it is normal.
Water inlet during WASH/RINSE mode	Water detector detects low water level, inlet water automatically.
Program stop after WASH/RINSE mode	Spin mode delay, it is normal.
When spinning, tub rotates discontinuously	Program designated to be intermittently paused.
During SPIN mode, tub knocking and water start supply and enter RINSE mode	Unbalance spinning causes program to autocorrect and resume, it is normal.
Sounds of water flowing after SPIN mode end	It is the sound of the fluid inside balance ring, it is normal.
Control panel heating up	The memory part of PWB heating up, it is normal.
Power stops, not restart after power supply resume	Power cut off, need to turn on power supply, press START/PAUSE button or reselect program again.
Operation button not working	Press too soft. CHILD LOCK (press PRESET and ADD.button) mode is on, deselect it.

Specifications

Model Name	ES-HK100X-W
Capacity	10.0kg
Wash Noise	≤62dB(sound power level)
Spin Noise	≤72dB(sound power level)
Operating Water Pressure	0.03MPa-0.6MPa
Net Weight(kg)	32
Dimension (WxDxH)	530x550x935

Inspecting a washing machine that has been used for many years.

Check 	Are there situations like these?	• Doesn't run sometimes. • When spinning, lid cannot be locked. • Water leak (water hose, spinning tub, tap connection). • There's a burning smell. • There's an abnormal sound or vibration during running. • Your hand feels numb while touching the machine. • Power cable or plug is unusually hot.

Stop using the machine	To avoid a fault or an accident, please pull out the plug from the plug seat. Be sure to entrust the maintenance department to check it, and consult the maintenance department for check and repair fees.

To consistently improve quality of our products, we reserve the right to modify product specifications without prior notice. We appreciate your kind understanding and continuously strive to exceed customer expectations.

安全注意事項

⚠ 警 告

不要讓幼兒玩弄、張望洗滌・脫水桶,一旦跌入桶內會受傷。


禁止

洗滌・脫水桶內絕對不能放入沾有化學試劑或汽油、煤油等有害稀釋劑 的清洗物，一旦放入，有引發爆裂、火災的可能。


禁止


易燃物

不要使用交流220V,50Hz以外的電源，以免造成故障、損壞和火災。


禁止

為避免危險,除專業修理人員外，請不要自行改造。請不要擅自進行分解，修理，以免造成火災、觸電、受傷或機器故障。


禁止分解

為保證電氣安全和部件不銹蝕，不要放置在浴室和風雨所及的場所等高濕地方，否則會有觸電、火災、故障和變形的可能。


高濕場所禁止使用

本機選用三芯電源綫，使用時配10A兩極帶接地插頭，單獨使用10A兩極帶接地插座。插座松動或與其它電器產品共用同一插座可能因發熱而引起火災。


必要

洗衣機接地綫直接安裝在插頭上，不允許擅自更改插頭。如室內插座無接地綫，必須請專業技術人員安裝，妥善引出接地。


必要

機身清洗時應先拔去電源綫插頭，不要用濕手、濕布去插、拔電源綫插頭，以防觸電。請勿由綫端拔取插頭，以免損壞電源綫，發生觸電，短路和引起火災。


插拔插頭

脫水桶完全停轉前，絕對不要用手觸摸清洗物，即使低速轉動時，手也會被衣物纏繞而受傷。對兒童要嚴加注意。


禁止接觸

不要任意改變電源綫原有狀態，也不要使電源綫過分彎曲，過度拉伸，扭轉，捆扎改造或受重物重壓，夾入。電源綫受到任何人為的損傷會造成觸電、漏電或其他故障。


禁止

絕不能將接地綫接在煤氣管自來水管，有綫電視綫或者避雷針的接地綫上。接地綫標稱截面不得小于0.75mm^2


禁止

不要使用受過損傷的電源綫、插頭及松動的插座以免引起短路、觸電和起火等事故。


禁止

清洗本機各部分時，不要用水冲，以免引起短路和觸電。


禁止水洗

不要抓住拎手外的其它部分(如面框)來搬運洗衣機，以免受傷或毀壞洗衣機。


禁止

任何火種絕對不要靠近塑料部件，有引起火災的危險。


禁止

當煤氣，易燃氣體泄露時，不要插拔洗衣機電源插頭，切勿靠近洗衣機使用可燃性化學制品。


禁止

電綫插頭、插座有灰塵時請仔細用干布擦拭，以免引起火災。


必要

安全注意事項

⚠ 注 意

- 不要洗滌或脱水經防水處理的衣物。不要洗滌或脱水睡袋、浴簾、雨衣、雨布、雨罩、滑雪衫、滑雪褲、車罩等防水性衣物，和易浮起的洗滌物，以免引起异常振動和其他意外事故。



脱水時洗衣機高速運轉，防水性衣物中的水一瞬間無法排出，洗衣機將失去平衡，產生异常振動和其它意外事故。

- 請勿用于洗滌衣物以外的物品，如：卷心菜、白薯、海帶、鞋子等。以免引起异常振動，損壞機器。



- 使用溫水洗滌時不要超55℃，以免因塑料變形、損壞導致漏電、觸電事故。



- 插、拔插頭時，手不要觸及插頭金屬部位，以防發生觸電、短路。



- 洗衣機使用完畢后，請拔下電源插頭，以防因松動造成的漏電、觸電、火災。



- 請務必使用產品中自帶的新進水管與排水管，舊的不能重復使用。
  使用前認真檢查進水管、排水管連接是否可靠，防止漏水。



- 運轉中，手、腳不要伸入底部，下有旋轉機構，會因此受傷。



- 當洗衣機與水龍頭連接時，請務必按指示標識正確連接洗衣機的進水管。
  必須確保水龍頭與進水管接頭連接正確可靠，請勿經常插拔進水管。
  請勿用力扭轉或拉拽排水管。



- 在使用前，請先檢查產品底部，確認沒有包裝材（比如一個塑料支架），再安裝底板。



- 機上不能放置重物，以免造成變形損壞。



- 使用完畢后，請關好水龍頭，防止漏水。



- 若洗衣機置于地毯之上，請確保底蓋的開合不受影響。

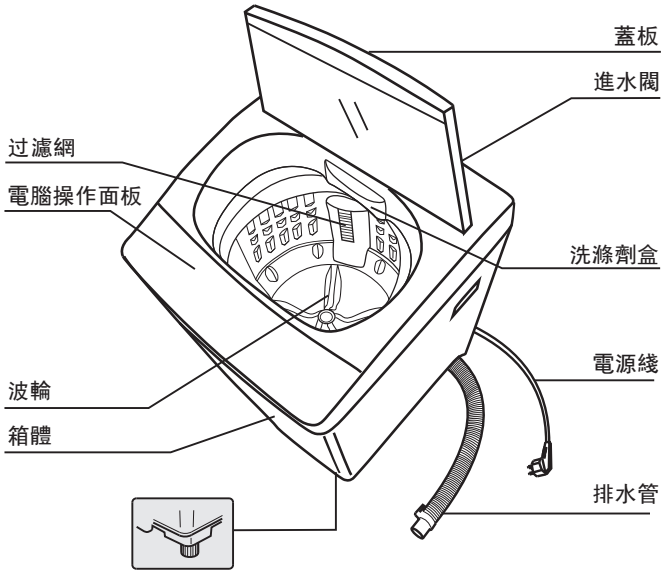


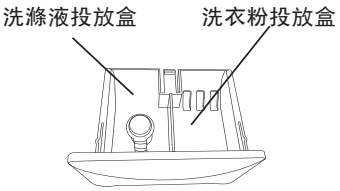
注 意

- 本機電源綫為Y型連接，如果電源軟綫損壞，為避免危險，必須由制造廠或其維修部或類似的專職人員來更換。
- 粉末洗滌劑、液體洗滌劑粘附在上蓋等塑料部件上時,請馬上擦拭干淨。否則會損傷塑料部件。
- 洗滌時為了不影響過濾效果，洗衣機桶内的過濾網應定期清洗，以保證過濾效果。
- 本器具打算用于家用和類似用途，如:
  -商店、辦公室及其他工作環境中的員工廚房區域;
  -農舍;
  -由酒店、旅館等居住類環境中的客戶使用;
  -住宿和早餐類環境
  -公寓或洗衣房公共使用,

各部分名稱

本機





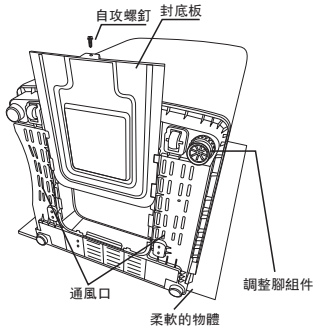
附件清單

名稱	數量
進水管（含接頭）	1 件
排水管	1 根
螺釘	1 根
封底板	1 塊
使用說明書	1 本

安装程序指南

關于封底板安装

1.打開紙箱，取出封底板。
2.將洗衣機輕輕向前/后放倒在柔軟的物體上(如布，地毯等)。
3.把封底板從洗衣機底座槽內推入到底。
4.用螺釘把封底板固定在箱體底座上(底座前部中間有一小孔)，然后輕輕扶起洗衣機。



關于洗衣機放置

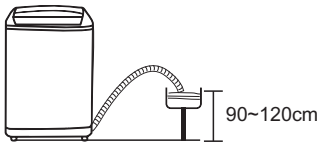
1.放置本機，如果地面不平，調節調整腳高度:
①先松開鎖緊螺母，然后調節調整腳，將洗衣機調節至水平;
②將洗衣機調節至水平后，再擰緊鎖緊螺母。
2.如地面嚴重不平，請自行將洗衣機墊平，使整機無法晃動。
3.機體距離牆壁5cm以上。
放置在地毯上時，不能堵塞洗衣機底部的通風孔。
注意 嚴禁在高臺邊上放置使用，防止翻機。



關于排水管安装

將排水管完全插入排水口，并用彈簧卡圈在靠近排水口接頭處固定。

注意 1.請勿將排水管密封固定在下水道中:避免在密封狀態下，排水管內無法進入空氣，反而引起排水不暢或不排水。
2.切勿讓排水軟管的末端浸入水中。
3.為防止液體泄漏，請確保排水軟管的末端至少高出地面90 厘米，且最高不得超過120 厘米。



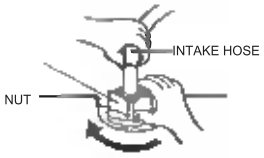
關于進水管安裝



1.將接頭螺紋對準水龍頭出水口的螺紋。



2. 旋緊接頭，讓橡膠墊圈緊密貼合水龍頭出水口，做到完全防水滲漏。



3.把進水管另一端的接頭旋緊至洗衣機接口處。

4. 注意：旋緊過程發力需均匀，不可扭轉彎折進水管，避免管端破損

注意 請使用設備配套全新水管組件，舊水管組件禁止重復使用

洗衣前須知

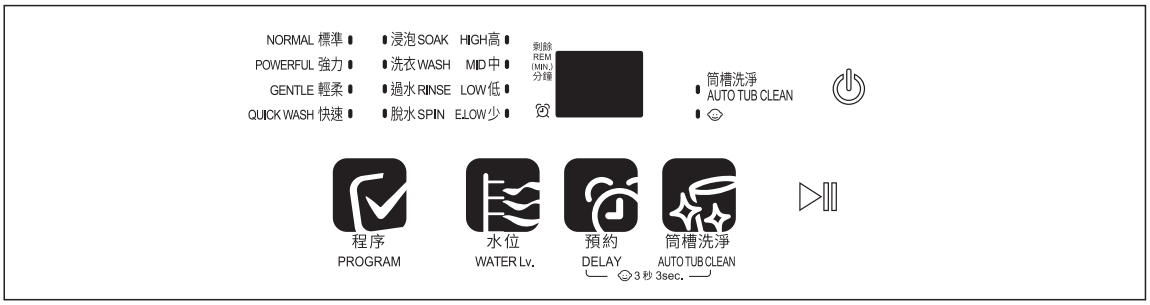
- 洗衣機的洗滌、脱水容量是指1次可洗、脱的干燥狀態下洗滌物的最大重量。
- 布質的厚度、大小、種類不同，會影響實際洗滌容量，每次洗滌應放入適量洗滌物，洗滌過程中洗滌物能正常翻轉為宜。
- 洗衣時務必將硬幣、鑰匙等硬物取出，拉鏈拉上，紐扣扣好，以免損壞衣物和桶體。
- 洗有絨毛和精致的衣物時，請用尼龍網包裹后洗滌。
- 易掉色和粘有油污的衣物務必與其他衣物分開清洗。
- 柔順劑和洗滌劑注入量不得超過虹吸帽頂部

洗衣前操作指南

1.接好進水管，打開水龍頭，放下排水管。
2.確認電源插座有可靠的接地后，將電源插頭插入插座。
3.檢查衣物是否合適洗衣機洗滌。
4.將衣物放入洗衣機，放入洗滌劑和柔軟劑。
5.關上洗衣機蓋板。

操作面板功能說明

操作部 · 顯示部



	電源鍵: 插上插座，按下此鍵，接通電源，再次按下此鍵，關閉電源。 注意 1.按壓電源開關接通電源后，若5分鐘內不按任何鍵，則自動關閉電源。 2.運行中，按壓“啟動/暫停”鍵10分鐘后不按任何鍵，則自動關閉電源
	啟動/暫停鍵，接通電源后，按下此鍵，選擇的洗衣程序開始運行/停止再次按下此鍵，選擇的洗衣程序停止/開始運行。
程序 PROGRAM	標準:開機默認程序，適合洗滌比較臟的襯衫，休閑褲等日常衣物。 大物:水流強度適合洗滌毛毯和其他較厚的大件衣物。 輕柔:適合洗滌絲織品或內衣內褲。 速洗:水位低適合洗滌少量比較干淨的衣物。 浸泡:浸泡是一種叠加洗滌功能，只適用于標準和大物程序。選擇后，浸泡與所選程序指示燈同時亮并且數碼管顯示“JP”浸泡過程中伴隨間斷的波輪攪拌。浸泡時間根據所選水位自動設定，不能手動調節。少、低段水位時浸泡時間為20分鐘，高、中段水位時浸泡時間為30分鐘。 洗滌:根據需要選擇是否洗滌。 漂洗:*根據需要選擇是否漂洗。 脫水:根據需要選擇是否脫水。
筒槽洗淨 AUTO TUB CLEAN	筒槽洗淨: 此功能可以實現洗衣的同時又洗桶，為了您的健康，建議使用該程序。
水位 WATER Lv.	水位鍵:根據衣物或程序選擇合適的水位(低-高)
預約 DELAY	預約鍵: 根據需要選擇合適的預約時間(1-24小時，以小時為單位)。 預約時間是預約開始洗滌的時間。預約選擇1小時，即表示1小時后開始洗滌。預約功能是叠加在其它洗衣程序上。

操作面板功能說明

操作部 . 顯示部

- 模糊控制開始過程，顯示 “ -- ”
- 程序運行過程中，顯示剩余時間 “ Min ”
- 預約過程中，顯示預約時間 “ Hour ”
- 浸泡過程中，顯示 “ JP ”
- 出現异常時，顯示异常現象信息見第13 頁

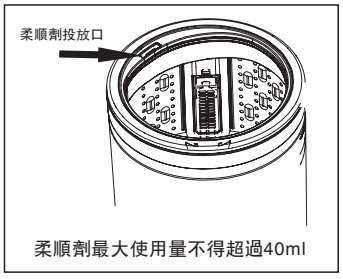
操作前須知

- 在洗衣時根據洗衣量選擇相應水位，不同的洗衣程序，可選水位不同。
- 一旦按了啟動/暫停鍵(洗衣程序運行后)，被設定的程序就無法改變，需要更換新的洗衣程序時，請關閉洗衣機，然后重新開啟。
- 指示燈閃爍表示程序正在進行，指示燈亮表示選定了此程序。
- 按鍵制約說明:
  1.蜂鳴時、預約進行中、洗衣結束時，除電源開關外其余按鍵均不起作用。
  2.暫停時，預約鍵不起作用。
  3.洗滌、漂洗、脫水進行時，除電源鍵，啟動/暫停鍵外其它鍵均不起作用。
- 為避免電機溫度過高而可能引起熱保護器的動作，影響您的正常使用，連續洗衣請不要超過3個周期。

柔順劑功能

- 按照柔順劑包裝上的說明，將合適的正確用量的柔順劑先倒入小杯中，然后再將杯中的柔順劑倒入柔順劑投入口。洗衣機會在最后一次漂洗前加入這些柔順劑。
- 使用柔順劑若為濃縮型，請用3倍的水稀釋后使用。
- 請不要讓柔順劑在柔順劑注入口的放置時間過長，以避免柔順劑結塊。
- 柔順劑不可與洗滌劑混合使用，會產生化學反應。

- 為了便于操作，你可順時針旋轉內桶，使柔順劑投放口位于合適位置，再倒入柔順劑。
- 當程序只有一次漂洗時，自動投放功能無效。
- 在脫水過程中請不要打開上蓋。反之，柔順劑會提前流入桶內，影響其效果。



柔順劑最大使用量不得超過40ml

注意 熱保護器工作時，電機將不運轉，等待電機溫度下降后恢復正常工作。
如未在他人陪同或指導下，身體，感官或精神有缺陷者，兒童，經驗缺乏者，都不得使用洗衣機。且需確保兒童不將洗衣機作為玩物進行玩耍。

功率測試代表性周期
洗滌:正常工作下，洗滌階段全程平均值，不包括電機停頓時間;
脫水:正常工作下，電機連續運行最長期間的平均值。

洗滌程序指南

標準程序操作

可選水位低-高段，適合洗滌比較臟的襯衫，休閑褲



1.按下電源開關。



2.按程序鍵至標準指示燈亮。
（如需浸泡，至標準+浸泡指示燈亮）



3.按水位鍵至所需要的水位指示燈亮。



4. 按下啟動/暫停鍵。

5.洗衣結束后蜂鳴提示，30秒內電源自動斷電。

強力程序操作

適合洗滌毛毯和其他較厚的大件衣物



1.按下電源開關。



2. 按程序鍵至強力指示燈亮。
（如需浸泡，至大物+浸泡指示燈亮）



3. 按下啟動/暫停鍵。

4.洗衣結束后蜂鳴提示，30秒內電源自動斷電。

注意 1.無水位調節功能。
2.自動設置為高水位

輕柔程序操作

可選水位低-高段，適合洗滌絲織品或內衣



1.按下電源開關。



2.按程序鍵至輕柔指示燈亮。



3.按水位鍵至所需要的水位指示燈亮。



4. 按下啟動/暫停鍵。

5.洗衣結束后蜂鳴提示，30秒內電源自動斷電。

洗滌程序指南

快速程序操作

可選水位少-中段，適用于洗滌少量比較干淨的衣物



1.按下電源開關。



2.按程序鍵至快速指示燈亮。



3.按水位鍵至所需要的水位指示燈亮。



4. 按下啟動/暫停鍵。

5.洗衣結束后蜂鳴提示，30秒內電源自動斷電。

單洗/單脫程序操作



1.按下電源開關。



2.按程序鍵至洗滌/脫水所需指示燈亮。



3.按水位鍵至所需要的水位指示燈亮。
（單脫不能選擇水位）



4. 按下啟動/暫停鍵。

5.洗衣結束后蜂鳴提示，30秒內電源自動斷電。

過水程序操作



1.按下電源開關。



2.按程序鍵至過水、脫水所需指示燈亮。



3.按水位鍵至所需要的水位指示燈亮。



4. 按下啟動/暫停鍵。

5.洗衣結束后蜂鳴提示，30秒內電源自動斷電。

附加功能操作指南

預約功能操作



1.按下電源開關。



2.按程序按鍵至所需要的程序指示燈亮。



3.按水位鍵至所需要的水位指示燈亮。



4.按預約選擇鍵至所需要的預約時間。
（數碼管顯示預約時間）



5. 按下啟動/暫停鍵。

6.預約開始。
7.當數碼顯示時間為設定的洗衣程序所需剩余時間時，預約結束。(預約指示燈滅，剩余指示燈亮)。
8.洗衣結束后蜂鳴提示，30秒內電源自動斷電。

桶槽洗淨操作方式



按壓“ 電源 ”鍵接通電源后，按壓“ 附加 ”鍵直至筒槽洗淨燈點亮，按壓“ 啟動/暫停 ”鍵洗衣機開始工作。

童鎖功能操作



在程序運行中，同時按預約鍵和筒槽洗淨鍵3秒至童鎖指示燈亮，進入童鎖狀態。重復此操作至童鎖指示燈滅，解除童鎖狀態。注：童鎖狀態下，除同時按解鎖鍵外，按任何鍵無效。童鎖后，蓋板打開則停止運行并報警，長時間開蓋則進入排水，保證安全。

模糊功能操作

只適合標準程序。開機后，按啟動/暫停鍵

該功能指電腦板通過感知衣物的重量，智能地選擇洗衣程序。包括水位的高低、水流節拍及洗衣的時間等。若啟動運行前，按動了水位鍵，或者換選了其他程序則取消模糊控制功能。使用模糊功能必須保證桶內無水或者極少數水，否則會造成稱重不準。



1.按下電源開關。



2.按程序按鍵至標準指示燈亮。



3. 按下啟動/暫停鍵。

4.洗衣結束后蜂鳴提示，30秒內電源自動斷電。

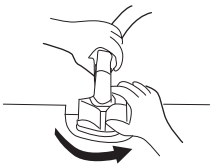
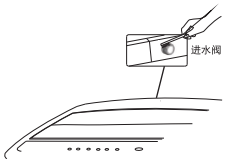
注意 標準程序下，若按動水位鍵，將取消模糊功能。

清潔與維護操作指南

進水口的清潔

對洗衣機正確的清潔與維護可以延長洗衣機的使用壽命

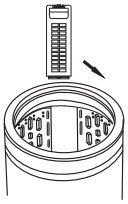
使用時間較長后，進水口過濾網可能被積垢堵塞，請按如下操作方法清潔:

				
1.關閉水龍頭，抬高進水管。	2.打開電源開關，并按動水位鍵。	3.按啟動/暫停鍵 注意 請幾秒鐘后關閉電源。	4.取下進水管接頭 注意 不要扭動進水管0	5.清潔進水閥過濾網 注意 可將過濾網拆下清洗。

注意 使用時不能將進水閥的過濾網取下來

過濾網的清潔

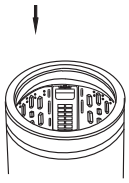
每次洗滌完畢進行清理



1.按住過濾網的扣子往外拔。



2.將過濾網打開并用水清洗干淨。



3.將過濾網向下推插入槽內。

日常保養

1.洗衣完畢，必須關閉自來水龍頭，斷開電源(如果有需要，可卸下進水管)
2.請在使用完洗衣機后，盡快將桶內水排淨，保證桶內干燥、無殘水。
3.必須把電源插頭拔下后保養。
4.挂好電源綫和排水管。
5.用干淨的軟布將洗衣機桶內水珠與污漬擦干淨，將蓋板打開約1小時后，再蓋上蓋板
6.用干淨的軟布將表面水漬與污漬拭去。注意不要用清潔劑,揮發劑等化學藥品,以免毀壞表面。

异常・故障確認與處理方法

异常表示

注意: 洗衣機顯示如下信息時并伴隨有蜂鳴聲報警;若10分鐘后無人處理，洗衣機將自動切斷電源。以下情况有些不是故障，在委托維修前，請首先確認，若屬故障，請與當地維修部或本公司銷售維修服務部聯系，切勿擅自拆卸修理。

顯示	顯示	異常處理方法	故障原因	對應故障原因匯總
E1	• 進水壓力過小 • 水龍頭未打開 • 進水閥過濾網堵塞	• 增大水量，按啟動/暫停鍵 • 打開水龍頭，按啟動/暫停鍵 • 清洗進水閥過濾網，排除堵塞，按啟動/暫停鍵	① ② ③ ④ ⑤ ⑥	①.水位氣管進水 ②.程控器損壞 ③.進水閥損壞 ④.導綫組件損壞 ⑤.程控器接插件松動 ⑥.水位傳感器損壞 ⑦.門開關損壞 ⑧.排水閥損壞 ⑨.牽引器損壞 ⑩.牽引器插件松動/脱落 ⑪.撞桶開關損壞
E2	• 進水超過高水位極限 • 水位异常	• 程序自動調整并恢復	② ④ ⑤ ⑥	
E3	• 預約運行中，蓋板開啟 • 脱水時，蓋板未閉合	• 合上蓋板	② ④ ⑤ ⑦	
E4	• 洗衣機放置不平衡 • 衣物偏置，脱水不平衡	• 調節調整腳至洗衣機平穩 • 打開蓋板，均匀放置衣物，合上蓋板	④ ⑤ ⑪	
E5	• 排水管出水口過高/未放下 • 排水管被凍結/堵塞 • 排水管被彎折、壓扁、扭結	• 放低/放下排水管，按啟動/暫停鍵 • 化冰/清除堵塞，按啟動/暫停鍵 • 將排水管放順暢，按啟動/暫停鍵	② ④ ⑥ ⑧ ⑨ ⑩	
E7	• 童鎖時，蓋板未閉合	• 10秒内合上蓋板，程序自動恢復并解除報警；10秒后仍未合上蓋板，則自動進入排水程序，解除童鎖（同時按預約和附加鍵）可恢復程序運行	② ④ ⑤ ⑦	

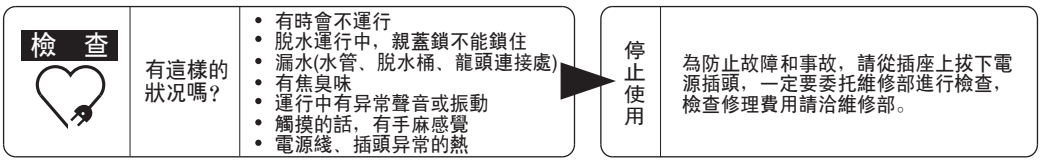
常見非故障現象

現象	可能原因與解决方法
洗滌/漂洗中途停頓	水位傳感器在檢測水位，屬正常現象
洗滌/漂洗中途進水	水位傳感器檢測到水位下降后，自動進水，屬正常現象
洗滌/漂洗結束后停頓	排水延時，屬正常現象
脱水時，脱水桶時停時轉	程序設計的間歇脱水，屬正常現象
脱水撞桶后進水漂洗	脱水不平衡程序自動調整與恢復，屬正常現象
脱水結束，聽到水流聲	平衡環内平衡液的流動聲，屬正常現象
操作面板局部發熱	記憶電路電子部件發熱，屬正常現象
中途停電，來電后不運轉	已斷電，需重新開啟電源，按啟停鍵或重新設置程序
按鍵操作不起作用	按鍵用力太小 啟動了童鎖(同時按預約和附加鍵)功能， 需解鎖程序設置的按鍵制約

規 格

機型名	ES-HK100X-W
洗滌/脫水容量	10.0kg
額定工作狀態下 洗滌噪音	≤62dB(A計權，聲功率級)
額定工作狀態下 脫水噪音	≤72dB(A計權，聲功率級)
進水壓力	0.03MPa-0.6MPa
整機重量（淨重kg）	32
產品尺寸 （長x寬x高mm）	530x550x935

經長年使用的洗衣機的檢修



為不斷提高產品的質量，滿足用戶需求，本公司有權對產品的規格值作適當變更，屆時將不在另行告知用戶，敬請諒解。

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