

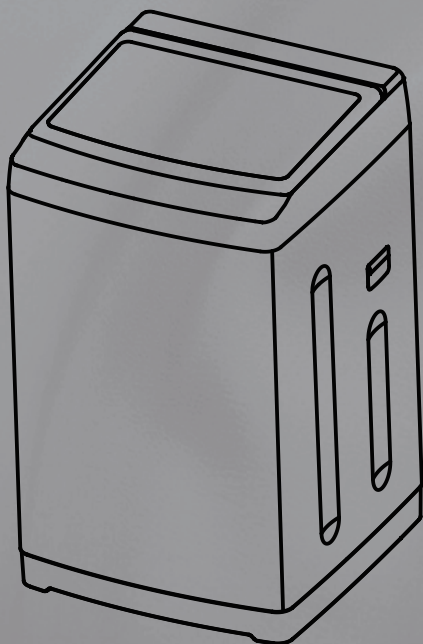
Haier

TOP LOAD FULLY AUTOMATIC
WASHING MACHINE

OWNER'S MANUAL

MODEL

HWM80-316S6
HWM90-316S6
HWM100-316S6
HWM120-316S6



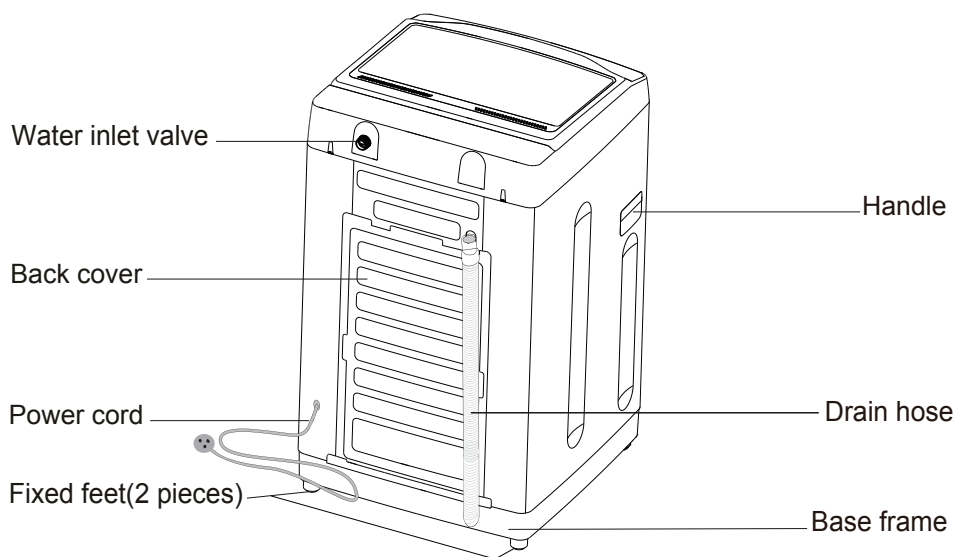
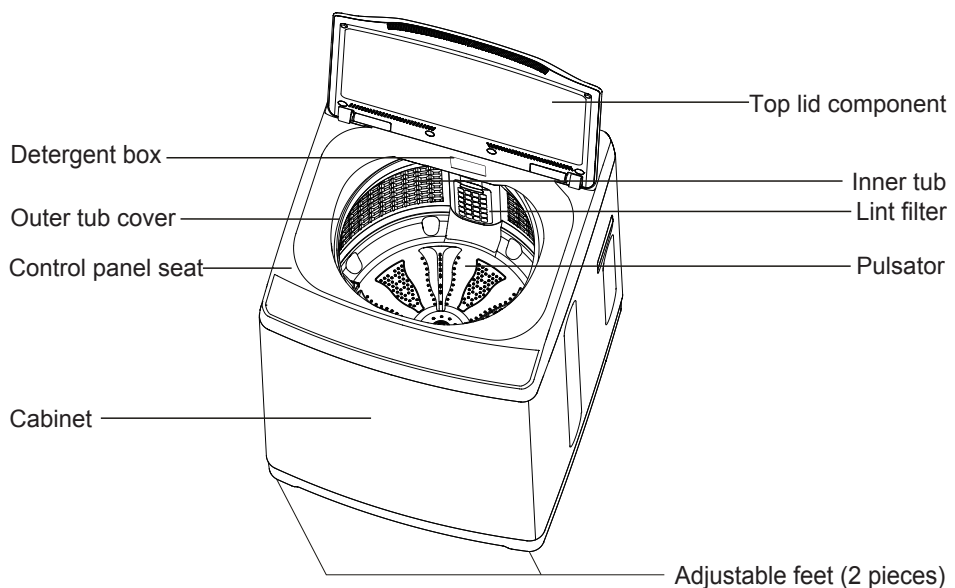
Please read this manual carefully before operating your washing machine and retain it for future reference.



CONTENTS

■ Product overview	1
■ Safety precautions	2
Description of symbols	2
Safety warning	2
■ Installation and adjustment	5
Install the bottom plate	5
Balance washing machine	5
Usage of the drain hose	6
Inlet hose connection	6
■ Before washing	9
Check the following before washing	9
■ Operation	10
Loading your laundry	10
Usage of the detergent	10
Explanation of buttons	11
■ Cleaning and Maintenance	14
■ Trouble-shooting	15
Common occurrence	16
■ Packing list	17
■ Specification	18

Product overview



Please understand the shapes of the washing machine and accessories may be different from the sketch figures in this manual due to product improvement.

Safety precautions

Description of symbols

Warning sign 	Contents marked with this symbol are related to the safe use of the product and the personal safety of the user. Please operate in accordance to the contents of this manual, to avoid harm to the user or damage to the machine itself.
Forbidden sign 	Contents marked with this symbol indicate operations or actions that should not be undertaken by the user. Performing of such actions may result in an injury to the user damage to machine itself.

Safety warning

Please check power socket condition to ensure it has been earthed correctly prior to installation to ensure your safety.

Warning

A separate, earthed power socket is required for the power supply. Hold the plug, not the electric cable, when unplugging the washing machine. Do not insert or remove the power plug with wet hands. The power plug should be accessible after the machine installation. 	Ensure the plug is removed and the taps turned off in the following cases. Power failure, cleaning, moving, installation and when not in use. 
This appliance is intended to be used in household and similar applications such as: — staff kitchen areas in shops, office and other working environments; — farm houses; 	If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.  CAUTION: If this appliance is supplied from a cord extension set or electrical portable outlet device, the cord extension set or electrical portable outlet device must be positioned so that it is not subject to splashing or ingress of moisture. 

Safety precautions



Forbidden

Do not install this appliance in a damp or wet environment. Do not leave wet laundry on the control panel or spray water directly onto this appliance as this may cause the washer to malfunction or cause an electrical fault.	Do not connect to hot water higher than 50°C.
If you are using an extension cord or a portable electrical outlet device (not recommended), ensure that it is positioned so that it does not come into contact with water or moisture.	Do not wash water-proof clothing as this may affect load balance during spin cycle(s).
The openings must not be obstructed by a carpet.	
Do not attempt to move washing or place hands inside washing machine while in operation. Please ensure children are supervised around machine to avoid harm.	Do not take apart, repair or alter the machine by yourself.
Do not leave hot or heavy stuff on lid or control panel as this may cause damage to the washer or make the washer unsafe to operate.	Do not wash laundry with chemicals or other volatile materials (such as petrol, solvents or thinners) as this may cause damage to the machine.
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 by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.	Keep washer away from heat sources such as heater, stoves or direct sunlight.

Safety precautions

Safety warning

The washing machine whose lid can be opened during spinning, that it takes 15s or more for complete stop of spinning.

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

Please remove item such as coins, button, sand and other solid materials from clothing before washing.



Check that water faucets are open after connection to machine, prior to operation and that pipes are connected correctly.
Please use Low Suds/High Efficiency washing powder.

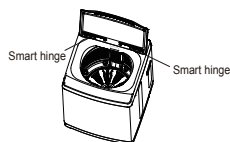
■ If power cord or other parts of this machine become damaged or faulty, please contact a technician to have it repaired. Do not attempt repairs by yourself as this may cause personal harm or void warranty.

■ Smart hinge prevents sudden closing of the lid. Lid is heavy, be careful while closing of the lid.

Do not let your hands or any other material be caught below the lid. It might cause injury or damage.

Lid closing time is dependent on ambient temperature.

The higher the ambient temperature, the shorter the lid closing time and vice versa. Smart closing lid performs best when lid is closed from full open condition.



Installation and adjustment

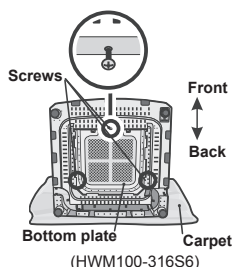
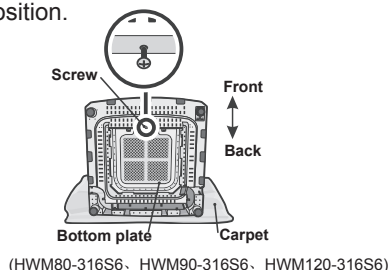
Please install and adjust the machine according to the directions contained in this manual. It is very important to follow these directions for the safe operation of the machine, and to ensure your machine operates correctly.

Install the bottom plate

The purpose of the bottom plate is to suppress noise from the washing machine during operation.

Steps:

1. Lay the washer on its back, on a nonabrasive surface.
2. Place the plate onto the bottom of the machine.
3. Use a screwdriver to tighten the screw (in accessory bag) securing the panel to bottom of the washer.
4. Once the screw is tight and the panel is secure, return the washer to its standing position.



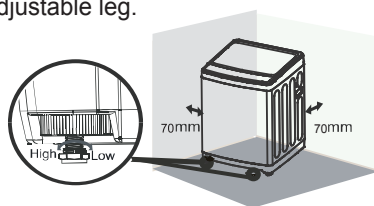
Balance washing machine

Do not install this machine on a surface which greater than 2° . Installing machine on a inclined surface or on unflat ground will result in unstable running.

Please adjust it by the following method:

1. Confirm it is horizontal.
2. Lift up the side of the leg slightly and twist the adjustable leg.

Note: The distance between the washing machine and wall should be at least 70 mm.



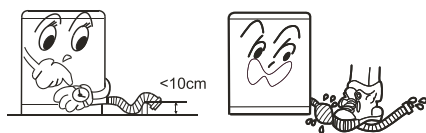
Installation and adjustment

Usage of the drain hose

The drainage shall be smooth with the drain hose.

1. The height of the drain hose shall be less than 10cm, or the drainage will not be smooth, and the machine will take a long time to stop in the middle.

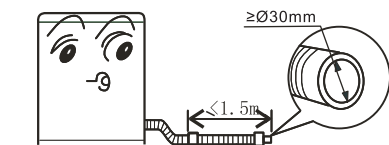
2. Do not trample or press the drain hose.



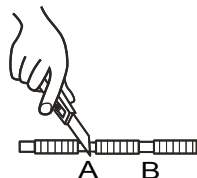
3. If the drain hose is too long, cut it at mid point. To make smooth drainage, cut the front end of the hose slantingly.



4. If extra drain hose is needed, please make separate purchase. The inner diameter of the extra hose shall not be less than 30mm, and the length shall not exceed 1.5m.



5. If the extra hose is too long, cut it either at A or at B point.



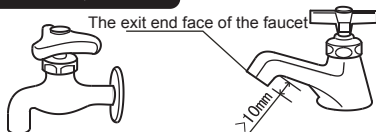
Note: Connect the main hose with the detachable water hose according to the instructions, use the hose that comes with the machine, do not reuse the old hose.

Inlet hose connection

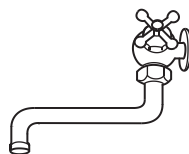
The new hose-sets supplied with the appliance are to be used and that old hose-sets should not be reused.

■ Confirm the water faucet

water faucet, suitable



water faucet, not suitable



It is required that the front end shall be longer than 10mm.

The exit end face of the faucet shall be flat and smooth. If not, please fix it to avoid leakage.

Installation and adjustment

■ Connection between the water inlet hose jointer and the water faucet

1. Press the lower end of the lock lever and push down the slider. Take off the water inlet hose jointer from the water inlet hose component. See to Figure 1.
2. Take off the nameplate. Make sure the threading is 4mm above the upper surface of the nut. See to Figure 6. If the threading is less than 4mm above the upper surface of the nut, please loosen the screws.

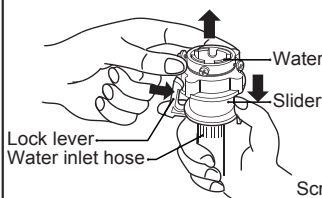


Figure 1

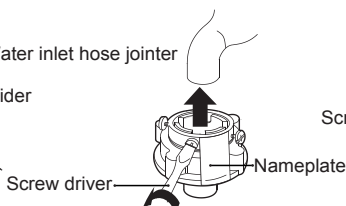


Figure 2

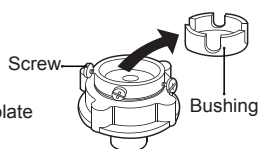


Figure 3

3. Loosen the screw till the water faucet can be accessed. Put the jointer of the water inlet hose on the faucet. See to Figure 2. (If the faucet is too large and the jointer can not be set on the water faucet, please loosen the four screws and take out the bushing in the jointer. The front end of the faucet must be smooth, otherwise it may leak water. See to Figure 3.)
4. Fasten the four screws evenly. See to Figure 4.
5. Twist the fastening nut, See to Figure 5. After installation, the threading is less than 2mm above the upper surface of the nut. See to Figure 6.

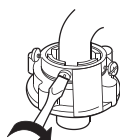


Figure 4

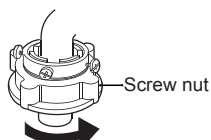


Figure 5

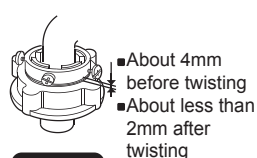
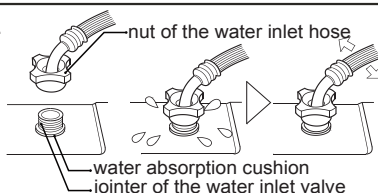


Figure 6

■ Connection between the water inlet hose and the washer

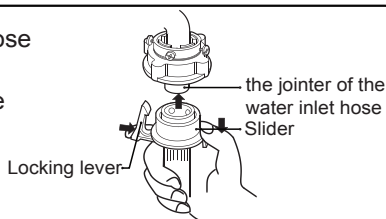
1. Do not take off the water absorption cushion. Please check if the cushion is dropped or damaged before each usage. If it happens please contact our after-sale department immediately.
2. Put the nut of the water inlet hose on the valve jointer.
3. Fasten the nut. Swing it gently to confirm if it's suitable.



Installation and adjustment

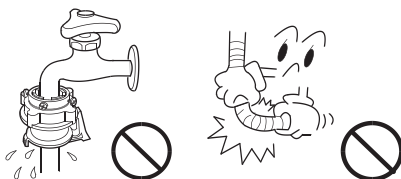
■ Connection between the jointer

1. Push down the slider. Insert the water inlet hose into the jointer.
2. Hang the lock lever to the jointer. Release the slider till a click sound is heard.



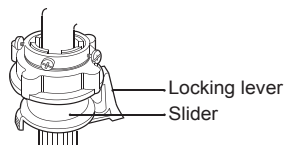
■ Check the connection

1. Swing the hose gently to confirm if it is fastened stable.
2. After installation, open the faucet to check if it leaks.
3. Do not bend the hose with overstrain.
4. Before each usage please check if the connection between the jointer of the water inlet hose and the water faucet, and the installation of the water inlet hose are firm, so as to prevent dropping off.



■ Dismantle the water inlet hose

1. Close the water faucet.
 2. Press the locking lever. Push down the slider. Then pull off the water inlet hose.
- If the machine is used frequently, the jointer of the water inlet hose.

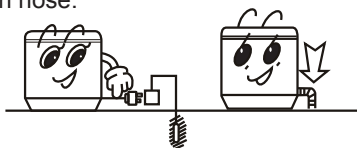


Before washing



Preparation before washing

1. Connect the water inlet hose. Open the water faucet.
2. Confirm that the washing machine is earthed reliably. Then insert the power plug into the receptacle. The earth terminal shall not link to gas pipeline and faucet water pipeline.
3. Put down the drain hose.



Check the following before washing

Clear the pockets and take out loose items such as coins, sand, hairpins etc.



Tie any long straps or strings, fasten buttons and close zippers.



The weight of the laundry shall not exceed the rated capacity of your machine, loosen the laundry before placing it evenly in the tub.



When the machine is running, buttons may cause noise.

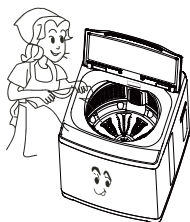
To reduce the noise, turn clothes inside out or place them in a laundry bag.



- a. Check if the laundry has any special washing instructions.
- b. Divide the laundry into colour fast.
- c. Separate items that do not absorb water easily and wash by hand.
- d. For heavily soiled items, please first remove loose dirt, then apply detergent directly (as per instructions on pack) to the stain before washing.
- e. For those items that may attract lint or are furry or fluffy, please turn inside out before washing.
- f. Do not put laundry soiled with chemicals or solvents into the washing machine.

Operation

Loading your laundry



- The rated washing capacity refers to the largest dry weight of a load that can be washed.
- The thickness, size and type of clothes will influence the actual capacity.
- Do not select more than water level "4" for clothes less than 1.0kg, to avoid splashing of water.
- It is recommended that low suds/high efficiency washing powder should be used.

Usage of the detergent

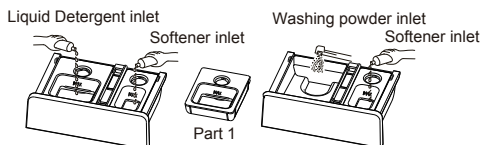


Figure 1 (HWM100-316S6, HWM120-316S6)

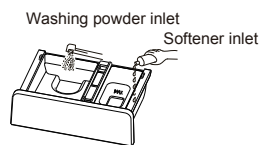


Figure 2 (HWM80-316S6, HWM90-316S6)

How to use liquid detergent

Before washing put the liquid detergent into the liquid detergent box directly by following the volume indication on the liquid detergent package.

How to use softener

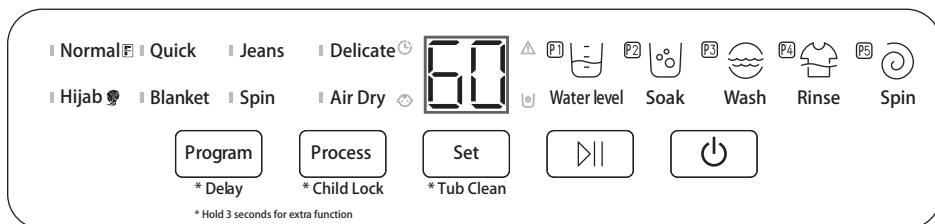
- The usage and dose of the softener as per the specifications of softener.
- Before washing put the softener into the detergent box directly. See the above figure. The softener will put into the washer when the last rinsing.
- After the softener is put in, please don't place for a long time otherwise softener may solidify.
- When water pressure is too low, it is possible that softener cannot be washed away effectively, and softener would be agglomerated after a period of time. Please clean the softener box in time. It is recommended to pour the softener into the basket directly after water is filled at the last rinse.

How to use washing powder

- When washing powder is added, remove part 1 as shown in figure 1 (HWM100-316S6, HWM120-316S6)
- It is suggested to dissolve powder before adding to the tub, see as below: It is suggested:
 1. Prepare warm water (<35°C) in a container.
 2. Add washing powder, stirring to dissolve it completely.
- Adding washing powder Normal Wash
It is recommended that washing powder/liquid is dissolved with water and then directly emptied into the washing machine:
 1. Add some water (select the "1" water level)
 2. Add washing powder/liquid. Run for about 30 seconds to fully dissolve the detergent. Then press the "Start/Pause" button to pause the wash cycle.
 3. Load laundry. Select suitable water level. Press the "Start/Pause" button again to recommence washing cycle.
- If you select "Quick" program, it is recommended to use liquid detergent instead of washing powder to ensure the most effective wash results.
- Old or poor quality washing powder may causing caking in tub or detergent dispenser.
- Clean the detergent box periodically to ensure washing power is evenly distributed and remove any detergent build up.
- When water pressure is too low, it is possible that washing powder or washing liquid cannot be washed away effectively, and washing powder or washing liquid would be agglomerated after a period of time. Please clean the detergent box in time. It is recommended to pour the washing powder or liquid into the basket directly.

Operation

Explanation of buttons



Indicator display

- Off
- On: Indicates the program is about to run and indicates the selected cycle and options.
- Flashing: Indicates the program is running and indicates the selected cycle and options.

Child Lock function

- The function is intended for children safety and preventing children from accidental changes to washing programs.
- Press Power button, set the desired washing program, after setting, press Start/Pause button, then press Process button and hold for 3 seconds, The digitron displays "CL", the child lock will activate. All of the buttons are locked and have no function.
- Release the child lock function: press Process button and hold for more than 3 seconds. After three beep sound, the child lock function is release. The child lock light goes out.

Digital display



- During working, it displays the remaining time (minute) . In case of trouble, it displays the abnormal symbol (see to page 15).
- During delay, it displays the remaining delay time (hour).

Page 15



"Power" button



- Press the " Power " button to switch on the power.
- Under power-on mode, press it to switch off the power.
- If the "Start/Pause" button is not pressed, the machine will switch off the power automatically after 10 minutes.

Operation



"Start/Pause" button

- After the power is switched on, press it to start the machine.
- During working, press it to pause.
- During pause, press this button to restart and go on working.

Program

"Program" select

Program	Application
Normal	Use recommended for general clothing items.
Quick	Quick wash suitable for a small amount of slightly soiled clothes.
Jeans	Suitable for washing large and thick clothes.
Delicate	Use this cycle to wash lightly soiled garments and delicate clothes that need gentle washing.
Hijab	Special designed for Silk clothes.
Blanket	Use this cycle to wash large items such as comforters, sleeping bags and blanketss. In order to ensure the washing effect, it is recommended that there be no more than two parts.
Spin	Use this program to remove water from clean clothes.
Air Dry	Air-dry laundry to prevent mildew; Air-dry laundry program runs for 60 minutes. The purpose is to air-dry the clothes, and at the same time air-dry the outer barrel and the inner barrel to avoid mold on the outer barrel and the inner barrel. The maximum air drying chemical clothing of this machine is 1.5kg.

Process

"Process" button

- The user can press "Process" button to select "Water level", "Soak time", "Wash time", "Rinse time", "Spin time", and the after selection, they can push "Set" button to freeze the setting.

Operation

Set

"Set" button

- Press the "Set" button, User can adjust "Water level", "Sock time", "Wash time", "Rinse times", "Spin time", "Delay time".

Tub clean

- Hold "Set button" 3 seconds to select the tub clean procedure.
You can use this function to clean the inner tub and outer tub of washing machine.
- Spin alternately, and the total soak time is 10 hours to make sure better clean effect.
- Do not put clothes during tub clean process.

Delay

- Delay refers to the total time required for the program to run after the user has set the delay.
- Hold "Program" button 3 seconds, the digital displays "00" and the reservation indicator light. When pressing other buttons to set parameters and select programs, exit the delay setting mode. If no operation is done in 3 seconds in the reservation setting mode, exit the delay setting mode.
- Tub clean can not select Delay.

Button Operation and Descriptions

1. Press the  button to switch on the power.



2. Press the  button to select suitable automatic program.



After the power is switched on, "Normal" is automatically set. To select other program, please press the "program" button till the corresponding indicator is light. Refer to the "program" button on page 12.

Page 12



3. Press the  button to select different setting.



4. Press the  button to freeze water level, wash time, rinse times and other parameters.



5. Close the top lid, Press the  button.



Cycle completed

When the machine has completed the selected/current wash cycle an audible alarm will be heard and the machine will automatically switch off.

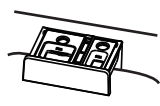
Cleaning and Maintenance

Maintenance

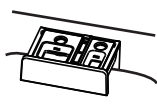
- Remove the power plug before carrying out any cleaning or maintenance.
- Clean the lint filter(s) and detergent box after each wash, otherwise it may influence you using the machine.

Clean the detergent box

1. Pull it out gently.
2. Use a brush clean it, then flush it with water.
3. Install it gently and push it in.

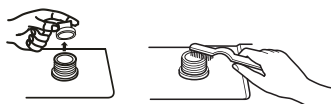


Remove



Install

The filter at the water inlet valve may become blocked by impurities in the water supply. Clean it with a plastic bristled brush every two months or if no water inlet.



- The lint filter must be used during washing.
- It must be cleaned in time after each using.

The methods of dismantle and install lint filter as follows:

1. Push down spring piece of the top lint filter to make the claws out of the filter cover, and then pull out the lint filter to get it down. (figure1)
2. Push the back of the lint filter, and then you can get down it off the front cover of the lint filter. (figure2)
3. Sweep the lint in the lint filter.
4. Put the back of the lint filter into the front cover.
5. Put the lint filter into filter cover, and make it tight.
6. Make sure the lint filter well installed, or it can influence your use.

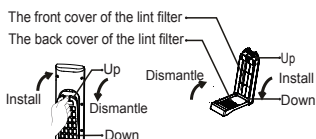


Figure 1

Figure 2

If the cabinet is dirty, wipe it with a damp cloth

- Do not wash directly with water.
- Wipe with a neutral detergent (please check directions on detergent bottle first).
- Do not wipe machine with thinners, petrol, alcohol or other harsh solvents.



1. After washing cycle has finished, turn off the water faucet. (If needed, you can remove the water inlet hose).
2. Do not store water in the washing machine for a long period without completing a wash cycle. Drain the water completely after each wash.
3. Hang up the power cord and drain hose.
4. Wipe up any drops of water on the surface of the machine and inside the tub. Leave the lid open for about 1 hour after each wash to evaporate any residual water.

Trouble-shooting

If there is a fault or the machine does not operate correctly, remove the power plug before checking the machine. Using diagnostic list below, please check if the machine requires repair. If a repair is required, please contact our customer care team, do not try to fix it by yourself.

Problem		Possible causes	What to do
The machine does not drain or drain slowly. The display shows E1.		■ Is the drain hose blocked?	■ Remove the blockage. Press Start/Pause button once more.
The machine stops running. The display shows E2.		■ The top lid is not closed.	■ Close the top lid. Press the Start/Pause button once more.
The machine does not spin. The display shows E3.		■ Has the laundry been placed unevenly in the machine? ■ Is the machine horizontal?	■ Redistribute the load evenly. Press the Start/Pause button once more. ■ Level the machine.
The display shows E4.		■ Is the water tap closed or has the water supply been interrupted? ■ Is the water inlet valve blocked? ■ Is the water pressure too low?	■ Turn on the water tap. Press Start/Pause button once more. ■ Clean the water inlet valve then press the Start/Pause button once more. ■ Ensure the water pressure is normal.
The display shows FA.		■ The water level sensor has failed.	■ Please contact Customer Care.
The machine does not work.	Will not wash	■ Is there a power failure? ■ Is the power plug inserted tightly? ■ Has the water level reached preset position?	■ Wait for the power supply to be restored. ■ Insert the power plug tightly. ■ Wait for the water to fill to the preset level
	Will not spin	■ Is the power plug inserted tightly? ■ Is the top lid closed? ■ Is the laundry distributed unevenly in the machine?	■ Insert the power plug tightly ■ Close the top lid. Press the Start/Pause button once more. ■ Redistribute the laundry.
There are abnormal sounds inside the machine.		■ Is the machine level? ■ Has the laundry been placed unevenly in the machine? ■ Are there any foreign objects inside the tub?	■ Level the machine. ■ Redistribute the load evenly. Close the top lid. Press the Start/Pause button once again. ■ Remove the foreign objects.

Trouble-shooting

Problem	Possible causes	What to do
The water tap leaks.	■ Is the water inlet hose loose?	■ Fasten the inlet hose.
The display shows F2.	■ Overflow Error	■ Please contact Customer Care.

Common occurrence

Situation	Cause
■ The spinning is intermittent after it starts.	■ Redistribute the load evenly. Close the top lid.
■ Select spin program, but it does not work.	■ The program is setting the drain time, there will be a pause before the spin program starts.
■ There maybe water in the drain hose when first used.	■ It may be residual water after performance inspection by the factory.
■ The wash procedure pauses.	■ The water level sensor is detecting, it will add water after about 48 seconds.
■ When the power plug is inserted, computer board indicator is switched on, and the machine starts working.	■ It is the special resume function. In the case of power failure or the power plug is loose during washing, the machine can save the running program, and resume the program after the power supply is recovered. You do not need to set the program again.

Packing list

Name	Quantity	Storage position
■ Automatic washing machine	■ One	
■ Bottom plate	■ One	■ Between the upper cushion and packaging box
■ User manual	■ One	■ Inside the document bag
■ Components of the water inlet hose	■ One	■ Inside the tub
■ Screw	■ One (HWM80-316S6 HWM90-316S6 HWM120-316S6) ■ Three (HWM100-316S6)	■ Inside the document bag

Specification

Type	Fully Automatic Washing Machine
Model	HWM80-316S6
Rared voltage/frequency	220V-240V~/50Hz
Rated washing power	390W
Rated spinning power	300W
Net weight	32.5kg
Gross weight	37kg
Dimensions(mm)	W 520 D 540 H 922
Rated Washing capacity	8kg

Type	Fully Automatic Washing Machine
Model	HWM90-316S6
Rared voltage/frequency	220V-240V~/50Hz
Rated washing power	455W
Rated spinning power	385W
Net weight	32.5kg
Gross weight	37kg
Dimensions(mm)	W 520 D 540 H 922
Rated Washing capacity	9kg

Type	Fully Automatic Washing Machine
Model	HWM100-316S6
Rared voltage/frequency	220V-240V~/50Hz
Rated washing power	465W
Rated spinning power	395W
Net weight	37kg
Gross weight	42kg
Dimensions(mm)	W 550 D 570 H 935
Rated Washing capacity	10kg

Type	Fully Automatic Washing Machine
Model	HWM120-316S6
Rared voltage/frequency	220V-240V~/50Hz
Rated washing power	500W
Rated spinning power	400W
Net weight	41kg
Gross weight	46kg
Dimensions(mm)	W 580 D 590 H 974
Rated Washing capacity	12kg