

Haier

TOP LOAD FULLY AUTOMATIC
WASHING MACHINE

USER MANUAL

MODEL
HWM105-826S6

Please read the manual carefully before operation and keep it for future reference

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BRAND INTRODUCTION

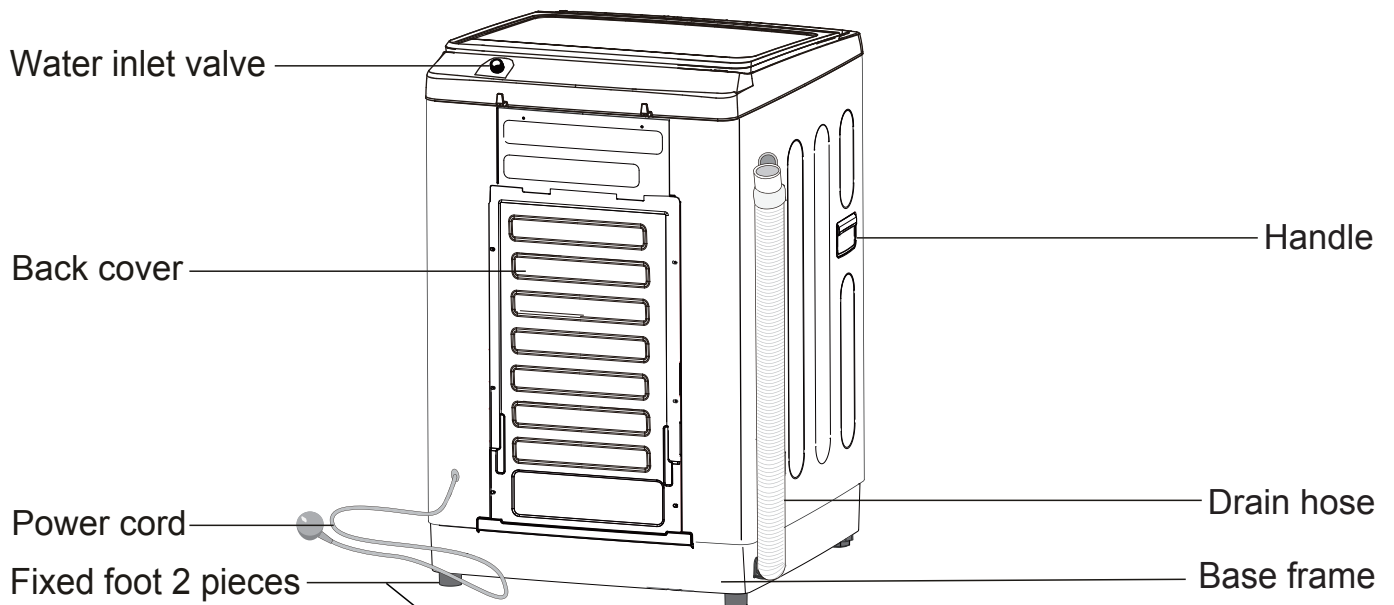
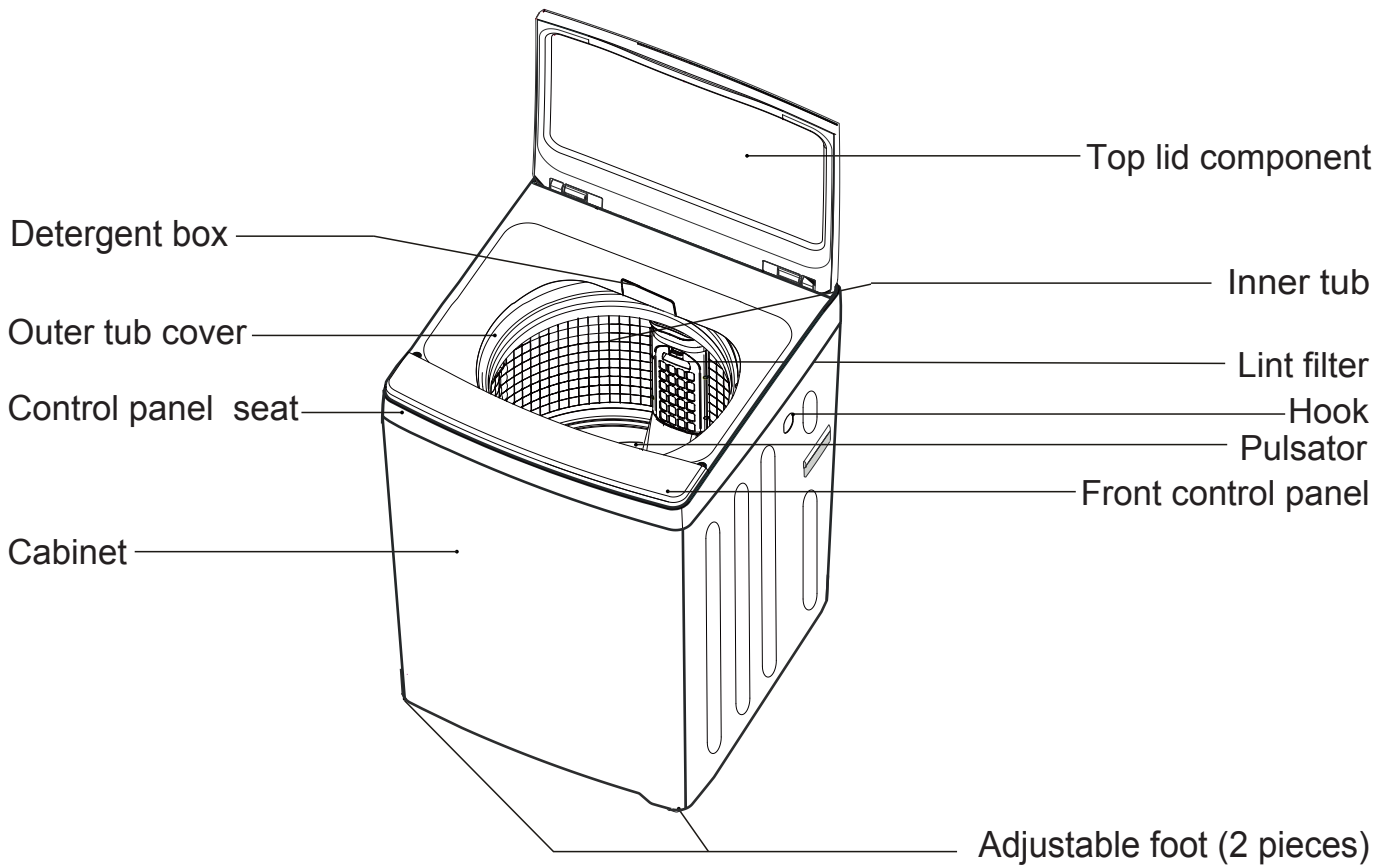
Haier Group —

Established in 1984, Haier Group is a world-leading provider of solutions to beautiful life. Haier has topped Euromonitor's World Home Appliance Brands and its subsidiary Haier Smart Home Co., Ltd. is among the Fortune Global 500 Companies.

Thank you for purchasing Haier product.

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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

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

Safety warning

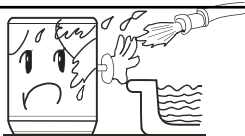



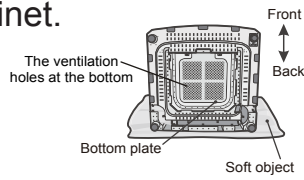



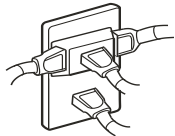











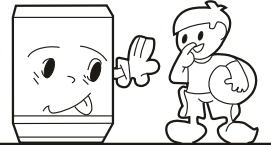

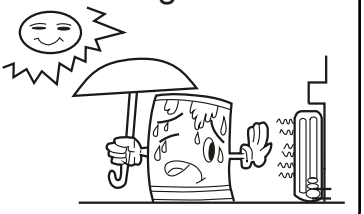

Please check power socket condition to ensure it has been earthed correctly prior to installation to ensure your safety

Warning

<p>A separate, earthed power socket is required for the power supply.</p> <p>Hold the plug-not the electric cable-when unplugging the washing machine.</p> <p>Do not insert or remove the power plug with wet hands.</p> <p>The power plug should be accessible after the machine installation.</p> 	<p>Ensure the plug is removed and the taps turned off in the following cases. Power failure, cleaning, moving, installation and when not in use.</p> <p>The new hose-sets supplied with the appliance are to be used and that old hose-sets should not be reused.</p> <p>The rated washing capacity, spinning capacity, The max. and min. inlet water pressure refer to specification page.</p> 
<p>This appliance is intended to be used in household and similar applications such as:</p> <ul style="list-style-type: none"> — staff kitchen areas in shops, office 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. 	<p>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.</p> <p>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.</p>  

Safety precautions

Forbidden

<p>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.</p>  	<p>Do not connect to hot water higher than 50°C. The maximum inlet water pressure refer to specification page.</p>  
<p>Do not block the ventilation holes with carpet. Ensure carpet does not obstruct the opening under the base of the cabinet.</p>  	<p>Do not wash water-proof clothing as this may affect load balance during spin cycle(s).</p>  
<p>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.</p>  	
<p>The openings must not be obstructed by a carpet.</p> 	
<p>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.</p>  	<p>Do not take apart, repair or alter the machine by yourself.</p>  
<p>Do not leave hot or heavy items on lid or control panel as this may cause damage to the washer or make the washer unsafe to operate.</p>  	<p>Do not wash laundry with chemicals or other volatile materials (such as petrol, solvents or thinners) as this cause damage to the machine.</p>  
<p>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.</p>  	<p>Keep washer away from heat sources such as heater, stoves or direct sunlight.</p>  

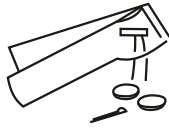
Safety precautions

Safety warning

Do not open the top cover when the washing machine is draining.

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 detergent.

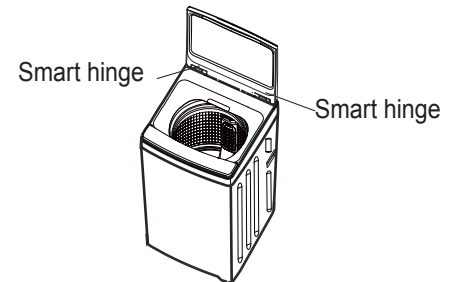
- If power cord or other parts of this machine become damaged or faulty, please contact a technician to have it repaired Do not attempt to repair by yourself as this may cause personal harm or void warranty.

- 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 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

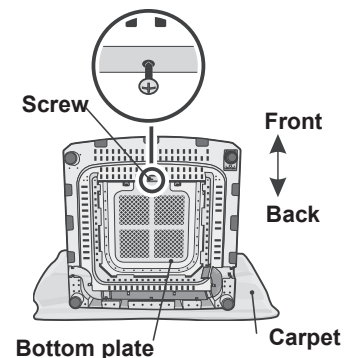
Please install and adjust the machine according to the directions contained in this manual. It is very important to follow these directions for the safe operation of the machine, and to ensure your machine operates correctly.

Install the bottom plate

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

Steps:

1. Lay down the washer on its back, on a non-abrasive 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 the bottom of the washer.
4. Once the screw is tight and the panel is secure, place the machine upright.

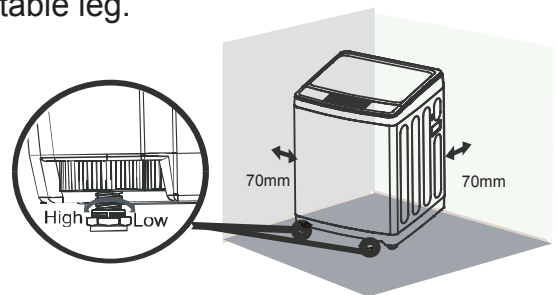
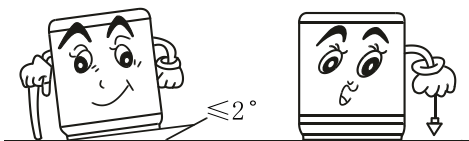


Balance washing machine

Do not install this machine on an incline surface greater than 2° . Installing machine on an angle or on unstable ground will result in unstable running or stoppage of the machine. Please adjust it by the following method:

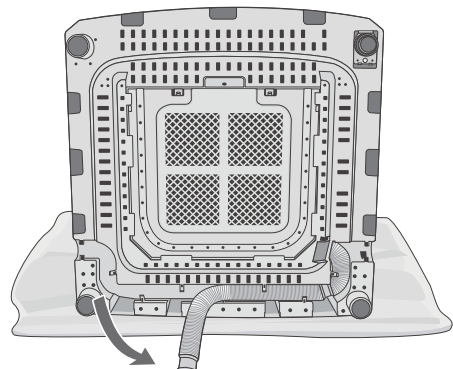
1. Confirm whether the machine is level.
2. Lift up the side of the leg slightly and twist the adjustable leg.

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



Change the direction of the drain hose

Place the washing machine on the laying cloth, take out the drainage hose along the groove of the bottom of the washing machine and then embed it in the opposite direction.



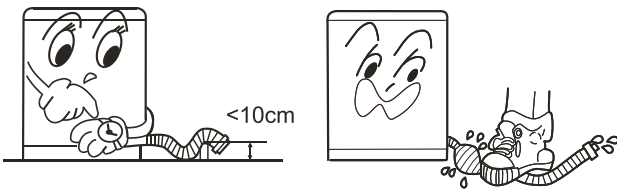
Installation and adjustment

Usage of the drain hose

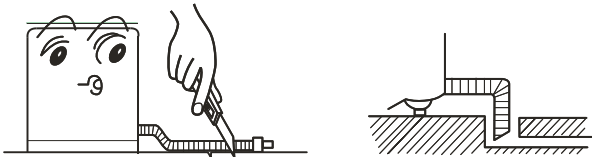
The drainage shall be smooth with the drain hose.

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

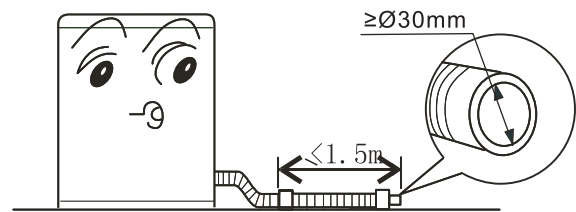
2. Do not trample or press the drain hose.



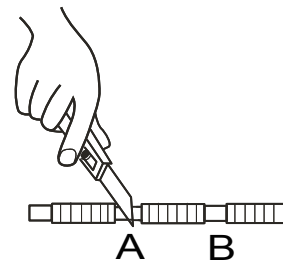
3. If the drain hose is too long, cut it at mid point. To make smooth drainage, cut the front end of the hose slantingly.



4. If extra drain hose is needed, please make separate purchase. The inner diameter of the extra hose shall not 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.



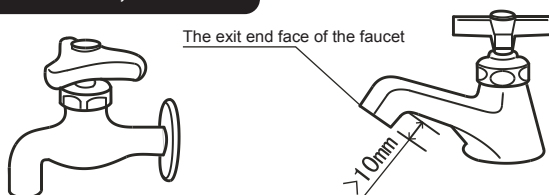
Note: Connect the main hose with the detachable water hose according to the instructions, use the hose that comes with the machine, do not reuse the old hose.

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

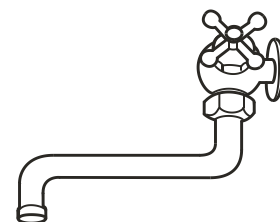
water faucet, suitable



The exit end face of the faucet

$> 10\text{mm}$

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 replace 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 thread is 4mm above the top surface of the nut. See Figure 6. If the thread is 4mm below the outer surface. Please loosen the screw.

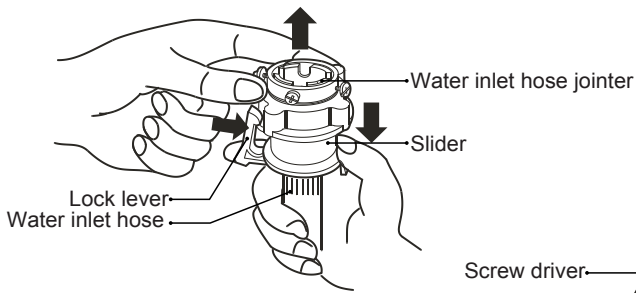


Figure 1

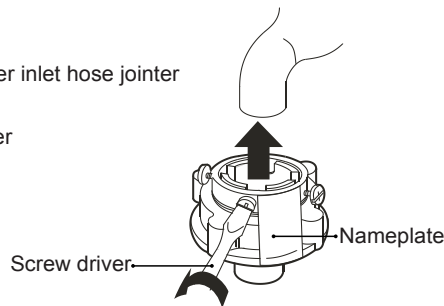


Figure 2

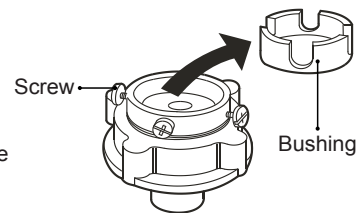


Figure 3

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 cause leakage. 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.

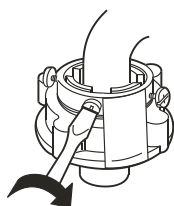


Figure 4

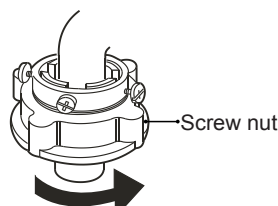


Figure 5

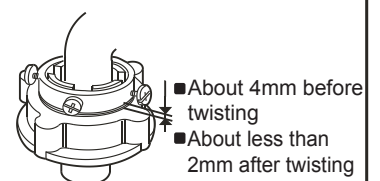
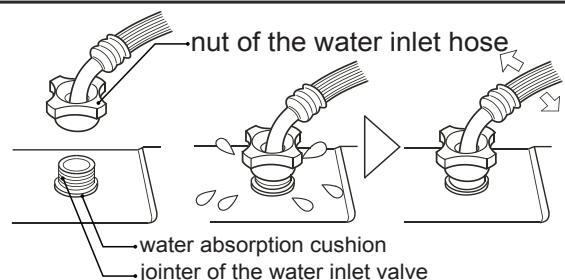


Figure 6

■ Connection between the water inlet hose and the washer

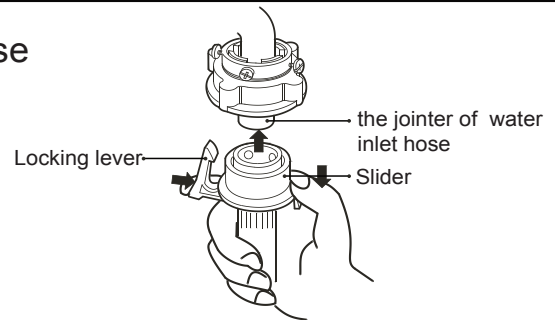
1. Do not take off the water absorption cushion. Please check if the cushion is dropped or damaged before each usage. If it happens please contact our after service department immediately.
2. Put the nut of the water inlet hose on the valve jointer.
3. Fasten the nut. Swing it gently to confirm if it's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



Installation and adjustment

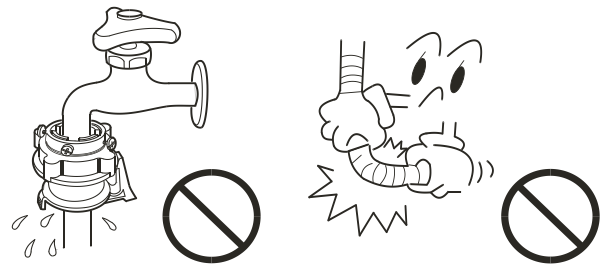
■ Connection between the jointer of the water inlet hose and the water inlet hose

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.



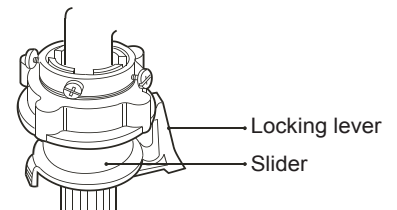
■ Check the connection between the jointer of the water inlet hose and the water faucet

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 leakage from improper installation position.



■ 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 will be damaged. If the machine is used frequently, the jointer of the water inlet hose.

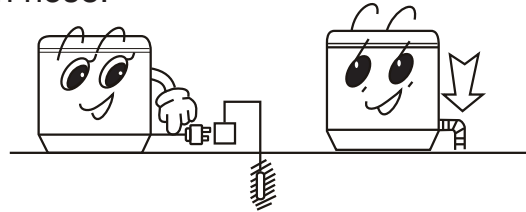


Before washing



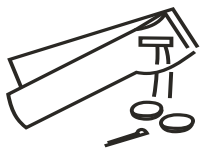
Preparation before washing

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

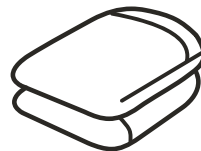
Clear the pockets and take out loose items such as coins, sand, hairpins, etc.



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

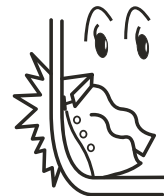


The weight of the laundry shall not exceed the rated capacity of your machine, loosen the laundry before placing it evenly in the tub.



When the machine is running, buttons may cause noise.

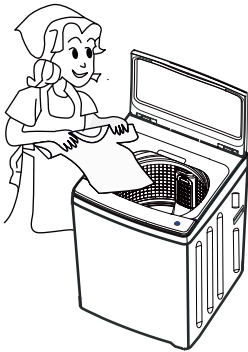
To reduce the noise, turn clothes inside out or place them in a laundry bag.



- a. Check if the laundry has any special washing instructions.
- b. Divide the laundry into colour fast and non-colour fast items.
- 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

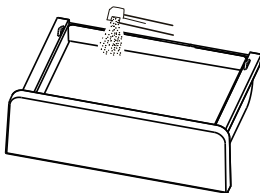
Load your laundry



- 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 have impact on the actual capacity.
- Do not select the higher water level “4” for clothes weight less than 1.0kg, to avoid splashing of water.
- It is recommended that low suds/high efficiency washing detergent should be used.

Usage of the detergent

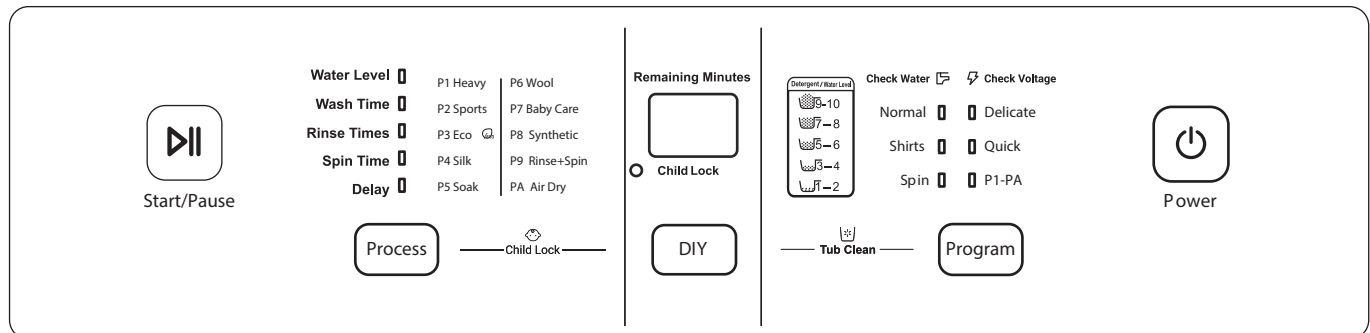
washing powder inlet





- It is suggested to dissolve powder detergent before adding to the tub, see as below: It is suggested.
 1. Prepare warm water (<math><35^{\circ}\text{C}</math>) in a container.
 2. Add washing powder detergent, stirring to dissolve completely.
- It is recommended that washing powder detergent is dissolved with water and then directly put into the washing machine:
 1. Add some water (select the “1” water level)
 2. Add washing powder detergent. 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.
- Old or poor quality washing powder may cause scaling in tub or detergent dispenser.
- Clean the detergent box periodically to ensure washing power is evenly distributed and avoid any detergent build up.
- When water pressure is too low, it is possible that washing powder cannot be washed away effectively, and washing powder would be agglomerated after a period of time. Please clean the detergent box in time. It is recommended to pour the washing powder into the basket directly.

Operation

Explanation of buttons



Indicator display

- Off
 - On: Indicates the program is about to run and indicates the selected program and options
 - Flashing: Indicates the program is running and indicates the selected cycle and options.
-  **Check Water:** If the indicator is blinking, the water inlet is abnormal. Check whether the water inlet valve is blocked, whether the faucet is open, and whether the water pressure is normal. When the fault is rectified, press the Start/Pause button to resume the operation.
-  **Check Voltage:** After starting and running, the computer board detects the voltage. When the voltage of the external network is abnormal, the voltage alarm lamp blinks. When the voltage returns to normal, the alarm is released.

Child Lock function

- The function is intended for children's safety and prevent 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 Set button at the same time and hold for 3 seconds, The digitron displays "CL", The child lock light goes on, the child lock will activate. All of the buttons are locked and have no function.
 - Release the child lock function: In the process of program running, Press Process button and Set button at the same time and hold for more than 3 seconds. After three beep sound, the child lock function is released. The child lock light goes out.
- NOTE: If you open the lid when the "child lock" activate, digital tube display "E2" and beep, you need close the lid and press the "Start/Pause" to cancel, or washing machine will drain after 10 seconds.

Operation

ENERGY SAVING GUIDE

To enter energy saving follow mode below guide :

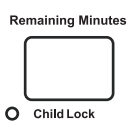
- 1.Press the Power button to turn On.
- 2.Press the program button to select the Delicate Program.
- 3.Close the Lid & Press Start/Pause Button

Program	Water Level	No. of Rinse
Delicate	10	1

NOTE

* Under test conditions,When tested accordance with stangards IEC 60456: 2010 & BEE schedule 12(Revision-5) Actual Performance of machine Will depend on how the appliance is being used.


* For best washing result we recommend to mix the detergent powder in warm water and pour diectly into the drum tub before putting the clothes.(Rated Capacity Load)




Remaining Minutes
Child Lock

Digital tube

- During working , it displays the remained reserve time (minute).In case of trouble, it displays the abnormal symbol (see to page 17)




Page 17



Power

"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.



Start/pause

"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.



Process

"Process" button

- The user can press process button to select “ water level”, “ wash time”, “rinse times”, “spin time” and “delay” , after selection, they can press “DIY” button to adjust chosen process.



DIY

"DIY" button

- During operation, the digital tube will display the remaining time.Press the “DIY” button. User can adjust “ water level”, “ wash time”, “rinse times”,“Spin time”.

Operation

Program	"Program" select	
	Program	Application
	Normal	Use this cycle for normally soiled cottons and mixed fabric loads.
	Delicate	Use this cycle to wash lightly soiled garments and delicate clothes that need gentle washing.
	Shirts	Special designed for shirts clothes.
	Quick	Quick wash suitable for a small amount of slightly soiled clothes.
	Spin	Use this program to remove water from clean clothes, you can get rid of some excess water faster, Makes clothes dry faster.



Operation

Program	"Program" select		
	PRG.NO.	Program	Application
	P1	Heavy	Use this program to wash durable,full load, suitable for towels,children clothes,workerwear.
	P2	Sports	Use this program to wash sports wear.
	P3	Eco	Use this program for Energy/Water saving.
	P4	Silk	Special designed for silk clothes.
	P5	Soak	Washing the relatively big thick or very dirty laundries.
	P6	Wool	Use this program for woollen clothes only.
	P7	Baby Care	Use this program to wash baby's clothes.
	P8	Synthetic	Use this program to wash synthetic fiber materials.
P9	Rinse+Spin	Use this program to relax wrinkles,remove excess detergent and refresh clean garments.	
PA	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 airdrying chemical fiber clothing of this machine is 1.5kg.	

Operation

	"Tub clean" function
Tub clean	<ul style="list-style-type: none">■ You can use this function to clean the inner tub and outer tub of washing machine.■ Spin alternately, and the total soak time is 10hours to make sure better clean effect.■ Do not put clothes during tub clean process.




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 turned on, the "commonly used" program is automatically set, select other automatic programs, and press the "Program" button until the corresponding indicator lights up. See "Program" button on page 13. If you want to choose the program P1-PA (see page 14), Press the "Program" button, the indicator light stays at P1-PA, and the display screen switches from P1 to PA .

3. Press the  button to select corresponding process.  

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

5. Press the  button, close the top lid.  

Cycle completed

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

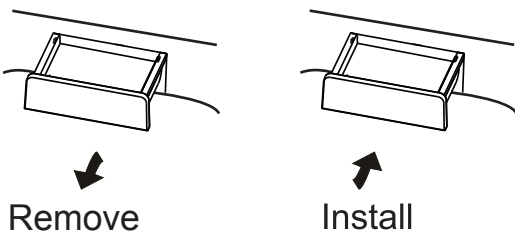
Cleaning and Maintenance

Maintenance

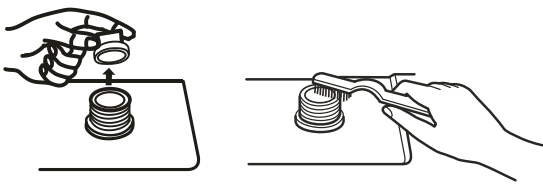
- Remove the power plug before carrying out any cleaning or maintenance.
- Clean the lint filter(s) and detergent box after each wash, otherwise it may affect you use.

Clean the detergent box and set it on the control panel seat.

1. The method of dismantle: Push it out gently.
2. The method of clean: Use a brush and duster cloth to clean it, then flush it with water.
3. The method of install : Install it gently and push it in.



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.



- 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. Press the 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. (figure 1).
2. Pull the back of the lint filter, and then you can get down it off the front cover of the lint filter. (figure 2).
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.

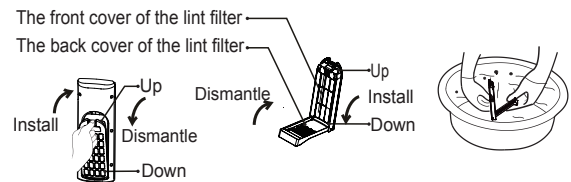
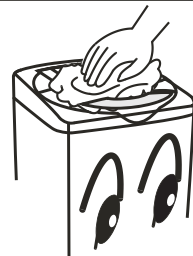


Figure 1

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 off 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.		<ul style="list-style-type: none"> ■ Is the drain hose blocked? ■ Is the drain hose set too high? 	<ul style="list-style-type: none"> ■ Remove the blockage. Press Start/Pause button once more. ■ The height of the drain hose should be less than 10cm.
The machine stops running The display shows E2.		<ul style="list-style-type: none"> ■ The top lid is not closed. 	<ul style="list-style-type: none"> ■ Close the top lid. Press the Start/Pause button once more.
The machine does not spin The display shows E3.		<ul style="list-style-type: none"> ■ Has the laundry been placed unevenly in the machine? ■ Is the machine level? 	<ul style="list-style-type: none"> ■ Redistribute the load evenly. Press the Start/Pause button once more. ■ Level the machine.
The display shows E4.		<ul style="list-style-type: none"> ■ Is the water tap closed or has the water supply been interrupted? ■ Is the water inlet valve blocked? ■ Is the water pressure too low? 	<ul style="list-style-type: none"> ■ Turn on the water tap. Press Start/Pause button once more. ■ Clean the water inlet valve then press the Start/Pause button once more. ■ Use after the water pressure is normal.
The display shows FA.		<ul style="list-style-type: none"> ■ The water level sensor has failed. 	<ul style="list-style-type: none"> ■ Please contact Customer Care.
The machine does not work.	Will not wash	<ul style="list-style-type: none"> ■ Is there a power failure? ■ Is the power plug inserted tightly? ■ Has the water level reached preset position? 	<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ Is the power plug inserted tightly? ■ Is the top lid closed? ■ Is the laundry distributed unevenly in the machine? 	<ul style="list-style-type: none"> ■ Insert the power plug tightly. ■ Close the top lid. Press the Start/Pause button once more. ■ Redistribute the laundry. Press the Start/Pause button once more.
There are abnormal sounds inside the machine.		<ul style="list-style-type: none"> ■ Is the machine level? ■ Has the laundry been placed unevenly in the machine? ■ Are there any foreign objects inside the tub? 	<ul style="list-style-type: none"> ■ Level the machine. ■ Redistribute the load evenly. Close the top lid. Press the Start/Pause button once more. ■ Remove the foreign objects.

Trouble-shooting

Problem	Possible causes	What to do
The water tap leaks.	<ul style="list-style-type: none"> ■ Is the water inlet hose loose? 	<ul style="list-style-type: none"> ■ Fasten the inlet hose.
The display shows FC2.	<ul style="list-style-type: none"> ■ Communication failure between display board and power board. 	<ul style="list-style-type: none"> ■ Please contact Customer Care.
The display shows F2.	<ul style="list-style-type: none"> ■ Indicates water has reached a critical level 	<ul style="list-style-type: none"> ■ Please contact Customer Care.
The display shows PH.	<ul style="list-style-type: none"> ■ Abnormal voltage 	<ul style="list-style-type: none"> ■ It can automatically recover when the voltage is normal.

Common occurrence

Situation	Cause
<ul style="list-style-type: none"> ■ The spinning is intermittent after it starts. 	<ul style="list-style-type: none"> ■ Redistribute the load evenly. Close the top lid.
<ul style="list-style-type: none"> ■ Select spin program, but it does not work. 	<ul style="list-style-type: none"> ■ The program is setting the drain time, there will be a pause before the spin program starts.
<ul style="list-style-type: none"> ■ There may be water in the drain hose when first used. 	<ul style="list-style-type: none"> ■ It may be residual water after performance inspection by the factory.
<ul style="list-style-type: none"> ■ The pulsator pauses during water inlet in wash and rinse. 	<ul style="list-style-type: none"> ■ It is avoid splashing during water inlet.

Packing list

Name	Quantity	Storage position
■ Automatic washing machine	■ One	
■ Bottom plate	■ One	■ Between the upper cushion of the washing machine package
■ Components of the water inlet hose	■ One	■ Inside the tub
■ User manual	■ One	■ Inside the document bag
■ Warranty card	■ One	■ Inside the document bag
■ Screw	■ One	■ Inside the document bag

Specification

Type	Fully Automatic Washing Machine
Model	HWM105-826S6
Rated voltage/frequency	220V/50Hz
Rated washing power	465W
Rated spinning power	395W
Net weight	42.5kg
Gross weight	48kg
Dimensions(mm)	W 580 D 590 H 960
Water inlet pressure	0.03MPa-1.0MPa
Rated Washing capacity	10.5kg

E-waste Guideline For Haier India

What is E-Waste or Electronic Waste?

Electronic waste @ e-waste is a term which refers to unusable, discarded and old, electric & electronic appliances such as refrigerators, LED/LCD/CTV, microwave oven, washing machines, home air conditioner, etc. As per E-waste (Management and Handling) Rules, 2016 e-waste 'e-waste' means electrical and electronic equipment, whole or in part discarded as waste by the consumer or bulk consumer as well as rejects from manufacturing, refurbishment and repair processes has been categorized into three main categories, i.e., Consumer Electronics/Home appliances and IT & Telecom. Refrigerators, washing machines, home air conditioner LED/LCD, etc. represents Consumer Electronics /home appliances. On the other hand computers, desktop, laptop mobile phones, etc. and its component represents Telecom & IT.

E-waste broadly covers waste from all electronic and electrical appliances and contains different hazardous materials which are harmful to human health and the environment if not disposed of carefully. While some naturally occurring substances are harmless in nature, their use in the manufacture of electronic equipment often results in compounds which are hazardous for example chromium becomes chromium VI. Thus Ministry of Environment, Forest & Climate Change, Govt. of India had listed issued directions for the reduction in the use of hazardous substances in the manufacture of electrical and electronic equipment and their components or consumables or parts or spares.

The Ministry of Environment, Forest & Climate Change, Govt. of India in furtherance of its effort to reduce the hazard occurring from rapid growth in the Consumer durable and IT-Telecom market had made rules called as E-Waste (Management and Handling) Rules, 2016 under Environment Protection Act.

HAZARDS OF IMPROPER HANDLING AND/OR IMPROPER RECYCLING OF ELECTRONIC WASTE

Electronic equipment contains many hazardous metallic contaminants such as lead, cadmium, and beryllium and brominated flame-retardants. An improper handling and/or improper recycling of the Electronic Waste results in these hazardous metals/substances getting released into our eco and biological system, thereby leading to various health hazards. The Hazardous contents in the electronic equipment include:

Health:- The informal method of recycling extended health hazards. For example, primary and secondary exposure to toxic metals, such as lead, results generally from open-air burning used to retrieve valuable components such as gold.

Incineration from burning e-waste creates fine particulate matter, which is linked to pulmonary and cardiovascular disease.

Environment:- The informal method of recycling extended environment hazards too. For example when different e-waste is burnt to extract metals from it, toxic chemicals are released into the air, damaging the atmosphere.

- Lead
- Brominated Flame Retardants
- Chromium
- Mercury
- Beryllium
- Cadmium
- Barium
- Carbon Black
- Phosphor

E WASTE TOXIC COMPONENT & THEIR DAMAGE TO HUMAN HEALTH

Toxic Materials	Birth Defects	Brain Damage	Heart, Liver, Lung & Spleen Damage	Kidney Damage	Nervous/ Reproductive System Damage	Skeletal System Damage
Barium		X	X			
Cadmium			X			
Lead	X			X	X	X
Lithium	X	X		X	X	
Mercury	X	X	X	X	X	
Nickel	X	X	X	X		
Palladium	X		X	X		
Rhodium	X		X	X	X	
Silver		X	X			

Without safe recycling, most of these toxic components will end in land fill-poisoning soil and water.

The Dos of Electronic Waste Recycling:

1. Give the discarded Electronic Equipments only at the authorized collection centres so that the same can be properly recycled
2. Drop the discarded Electronic Equipments only in the bins meant for the Electronic Waste
3. Consult the authorized service centre as to whether the Electronic Equipment can be repaired or not, before discarding the same
4. Tell your neighbours and other persons about the hazards of improper disposal or handling or improper recycling of the Electronic Waste
5. If the unwanted Electronic Equipment still work or can be repaired then consider donating them

The Don'ts of Electronic Waste Recycling:

1. Don't dump the discarded Electronic Equipment in open or in any Land Fill Site as the same will result in contaminating the Soil and the groundwater
2. Don't dispose of the discarded Electronic Equipment in household bins or Municipal Bins
3. Don't sell or give your discarded Electronic Equipment to any Trash Dealer or Kabadiwala
4. Recycling Electronic equipment helps to save natural finite resources and also reduces the environmental and health risks associated with improper handling/disposing of the Electronic Waste
5. To minimize our impact on the earth and to protect the environment for future generations return your discarded Electronic Equipment here for safe recycling:

Why proper handling and management of e-waste is required?

According to MoEF, the electrical and electronic equipment (EEE) have valuable materials and hazardous/toxics substances in their components. The electronic products and electrical equipment after their useful life may not cause any harm if it is stored safely in households/stores. However, if the E-waste is opened-up and attempts are made for the retrieval of useful components or material in an unscientific manner or if the material is disposed of in open, then it may cause health risks and damage to the environment. E-waste can be considered as a resource that contains useful material of economic benefit for recovery of plastics, iron, glass, aluminum, copper and precious metals such as silver, gold, platinum, and palladium and lead, cadmium, mercury, etc. However, at the same time presence of heavy metals (As, Cd, Hg, Pb, etc.) and other toxic substances such as polychlorinated biphenyls (PCBs), etched chemicals, etc. may pose risk to health and environment during handling and recovery operations. E-waste is a problem of increasing proportions especially when crude methods are adopted for the recovery of useful components from E-waste. Thus, there is a need to encourage the recycling of all useful and valuable material from e-waste so as to conserve the ever depleting natural resources. The electronic component is increasingly made from recycled materials, for example for making new LCDs, more than 50% of indium is sourced by recycling used LCDs. The E-waste thus presents a scenario of urban mining for recovery of ferrous/non-ferrous/ rare earth metal and precious metal in addition to plastics and glass. However, the presence of hazardous and toxic substances in the component of e-waste necessitates environmentally sound management of e-waste including collection and recycling/treatment in an environmentally sound manner.

Management and Effect on sustainable future:-

Sustainable development as defined by Brundtland Commission is "development that meets the needs of the present without compromising the ability of future generations to meet their own needs. The e-waste since a long time had been seen as an easy and cheapest source of metals. However, due to the lack of proper consideration for such a source of metals as well as proper methods of recycling in India, we sent our e-waste to the improper channel and thereby participated in degrading the environment. Moreover, through this improper method of extraction of metals we till date had wasted at least forty percent of the precious metals and simultaneously caused damage to our environment. If we opt the proper way to extract metals through proper channels of recycling then we can achieve Ninety percent of the extraction rate of our metals as well as a better way to save our environment. However, if today while selling off our material to the improper channel we will not think about our sustainable future then it is for sure that the coming generations will be facing crisis of the metals.

Customer/end-user responsibility

1. Consumers shall ensure that their end of life product/e-waste is channelized through collection center or dealer of the authorized producer or dismantler or recycler or through the designated take-back service provider of the producer to authorized dismantler or recycler;
2. Consumers shall ensure that such end-of-life electrical and electronic equipment are not admixed with e-waste containing radioactive material;

Bulk Consumer Responsibility:-

1. Bulk consumers of electrical and electronic equipment shall ensure that e-waste generated by them is channelized through collection center or dealer of authorized producer or dismantler or recycler or through the designated take-back service provider of the producer to authorized dismantler or recycler;
2. Bulk consumers of electrical and electronic equipment shall ensure that such end-of-life electrical and electronic equipment are not admixed with e-waste containing radioactive material as covered under the provisions of the Atomic Energy Act, 1962 (33 of 1962) and rules made thereunder;
3. Bulk consumers of electrical and electronic equipment listed in Schedule I shall maintain records of e-waste generated by them in Form-2 and make such records available for scrutiny by the concerned State Pollution Control Board;
4. Bulk consumers of electrical and electronic equipment listed in Schedule I shall file annual returns in Form-3, to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates;
5. In case of the bulk consumer with multiple offices in a State, one annual return combining information from all the offices shall be filed to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates.

Haier's Responsibility

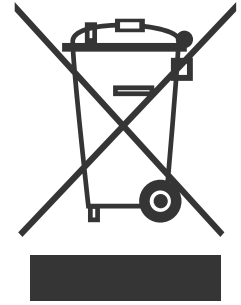
Haier India being a responsible and trustworthy brand is taking all the necessary and expected steps for the betterment of the environment as well as living beings. Haier had joined hands with a number of recyclers to ensure environment-friendly recycling of the electronic items, such as refrigerators, washing machines, air conditioners, etc. that are either achieved their end of life or are old, unusable, etc. Apart from above, Haier had taken the following steps for proper recycling of e-waste of its customers:-

1. Collection and Channelization of e-waste:- Haier had setup toll free Number where the customers can call and registered their products for recycling. As soon as e-waste pick up is registered by the customer a representative will come to collect the product.
2. Dismantling & Recycling of e-waste: Haier has appointed a number of recyclers who are the leading name in the recycling industry to responsibly and in an environment-friendly manner recycle the e-waste generated in India.
3. Awareness for e-waste: Haier is actively sharing Infographics & engagement posts on its social platforms to create more awareness about e-waste and its hazards. In addition Haier is also conducting awareness programs in Schools, RWA's, Office Clusters etc to create awareness.

Collection Centre maintained by M/s WEEE- PRO Resource Recovery Solutions Private Limited (as on date)

STATE	ADDRESS	CONTACT PERSON	CONTACT NUMBER
Andhra Pradesh	Shop No.5, New Gajuwaka, Opp. High School Road Andhra Pradesh-530026,	Mr. Jugti	9553088577
Assam	HN-34, Kundli Nagar Basistha Chariali, Near Parbhat Apartment Guwahati-781029	Mr. Sishram	9864048000
Chhattisgarh	Mig No.7, Ring Road No-2 Kabir Nagar Raipur Chhattisgarh	Mr. Bijender Singh	9303906097
Gujrat	Shop No D-9, Pushp Tenament, Behind Mony Hotel, Isanpur Gujarat - 382443	Mr. Sandeep	9375688099
Haryana	J-171, New Palam Vihar Phase-1, Gurugram, Haryana 122017	Mr. Rajesh	9711563229
Jammu & Kashmir	1.Sidco Chouk Bari Brahmana Jammu - 181133 Jammu & Kashmir Jammu-181133	Mr. Dharampal	9622565431
Jharkhand	A-36, Guru Nanak Nagar Near Hotel Amber Sakchi Jamshedpur Jharkhand - 831001	Mr. Niraj	9304002777
Karnataka	No.43, 1st floor 2nd Main D.D. U.T.T.L. Yeshwantpur Karnataka -560022	Mr. Ratan Lal	9886250346
Kerala	Door No - 84D SPW Road , Vrindavan Ln, Choornikkara, Kochi, Kerala - 683106 Cochin Kochi, Kerala - 683106	Mr. Manish	9037991199
Madhya Pradesh	284, AS-3 Scheme No.-78, Vijay Nagar, MP	Mr. Yogesh	9302734152
Maharashtra	Plot No. 92, Gali No.-01, Sector 19C Vashi Navi Mumbai-400705	Balwan Singh	9372166155/ 9371644600
	Shop 3, Kachore Complex Amravati Road, Wadhamna Maharashtra - 440023	Balwan Singh	9860814787
	Plot No 24, Sector 4, Shikshak Colony Near Spine City, Moshi Pradhikaran Maharashtra 412105	Balwan Singh	9370939911

STATE	ADDRESS	CONTACT PERSON	CONTACT NUMBER
New Delhi	Plot No. 619, Block A, Near Tata Telco Service Station, Rangpuri, Mahipalpur Delhi - 110037	Rajkumar Poonia	9810053907
Orissa	1st Floor Delta house Rajendra Nagar Madhupatna Cuttack, Orissa	Mr. Nihar Mahapatra	9337902236
Punjab	Shop No:-15 & 16, Pabhat Road, Opp - Tennis Academy, Zirakpur, Punjab-140603	Mr. Sanjeev	9316166155
Rajasthan	Plot No.81, 200 ft. By Pass, Near Ajmer, Road, Heerapura, Rajasthan - 302021	Mr. Yogesh Saharan	9309413301
Tamil Nadu	3/27 Sakthi Garden Phase II, Senneerkuppam, Poonamallee, Near Bisleri Water Plant Tamil Nadu- 600056	Mr. Firoj Khan	9363166155/ 9362005006
Telangana	Shop No.-4, Block-3, 4th Shatter at 179, MPR Estates Near Old Check Post, Secunderabad Telangana - 500011	Mr. Ajay	9395166155/ 9396166155
Uttar Pradesh	S 317, Transport Nagar, Near RTO Office Lucknow UP-226012	Anuj Poonia	9335166155/ 9305166155
	Bh -122, Sector 70 Noida UP- 201301	Anuj Poonia	9999166155
West Bengal	156A/73, Northern Park, B.T. Road DUNLOPWB - 700108	Mr. Vinod Kumar	9331522536
West Bengal	R K Enterprise, Block Singhia, West Bengal 848209	Mr Navaid	9027392259



Our PRO Partners (E-waste Partner) (as on date)

1. M/s WEEE- PRO RESOURCE RECOVERY SOLUTIONS PRIVATE LIMITED

Address : Flat-702, Tower-6, Unitech Horizon, Plot No.-6, Sector Pi- 2, Greater Noida,, Noida, Gautam Buddha Nagar, Uttar Pradesh, India, 201310
Contact Details : Mr Bhagwati Prasad Suman ; 9958445960 ; info@weee-pro.org; 1800-572-2961

2. PEGASUS SUSTAINABILITY PRIVATE LIMITED

Address : F-6, 1ST FLOOR, 4648/1, 21, ANSARI ROAD, DARYAGANJ, New Delhi, Delhi, 110002
Contact: Mr. Subratoo Mukherjee ; 9811707777; http://www.pegasusnetwork.in 1800-420-3177

3. M/s Green Planet

Address : 17D, 105, Vasundhra, Gaziabad 201012
Contact Details : Mr. Anish Duggal ; 9212503521; http://greenplanetpro.in/ 1800 8430 027

Contact for further information:

Haier Appliances (India) Pvt. Ltd.
Building Number 1, Okhla Industrial Estate,
Phase III, Opposite Modi Mill, New Delhi-110020.

Toll-Free Hotline Number
1800-102-9999
1800-419-9999

Query Between
9.00 AM to 9.00 PM
(Monday to Saturday)
Email- customercare@haierindia.com

Haier

Haier Appliances India Pvt. Limited
Building No. – 1, Okhla Industrial Estate,
Phase – 3, New Delhi - 110020
<https://www.haier.com/in/>
Haier Careline: 1800-419-9999, 1800-102-9999