

HELLER

7KG FULLY AUTOMATIC WASHING MACHINE

MODEL: HTLW7



INSTRUCTION MANUAL

Read this manual thoroughly before using and save it for future reference

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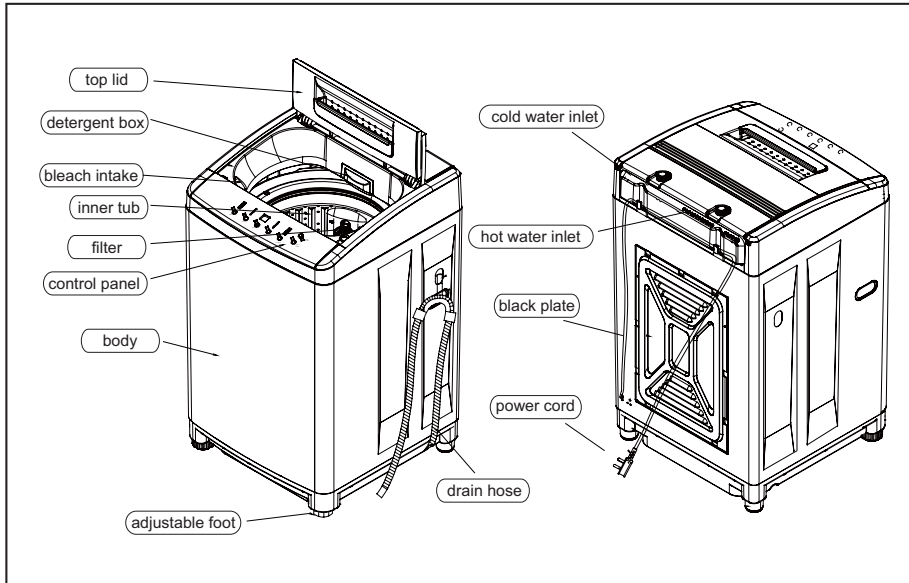
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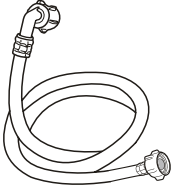
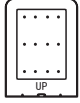


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Name of all components



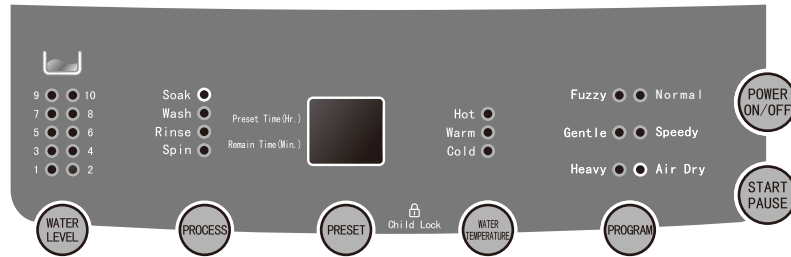
Accessories

	<p>water inlet hose (2pcs)</p> <p>(The two water inlet hose components are the same and there's no different on cool/warm water during using)</p>	Under cover(1pcs)	tapping screws(2pcs)
			
		Inlet valve cap(including sealing plate)(1suit)	
			

Suggestion

- 1 . Low foam detergent powder is recommended.
- 2 . Please operate it under 0°C~45°C, as extra-high or extra-low ambient temperature may cause malfunction.
- 3 . If the washing machine has been stored under 0°C, it can be used after being placed under room temperature for about 4 hours to avoid machine damage due to residual ice in the washing machine.
- 4 . The washing and spinning capacity refers to the maximum weight of standard laundry during two operating fashions, which is different from that of the actual laundries. The cloth thickness, size and category of the laundries will impact the washing capacity. The volume of washing items should be appropriate for the normal turning of washing items within the washing machine.
- 5 . High water level should not be selected for washing volume below 1.0kg to avoid water splashing during washing.

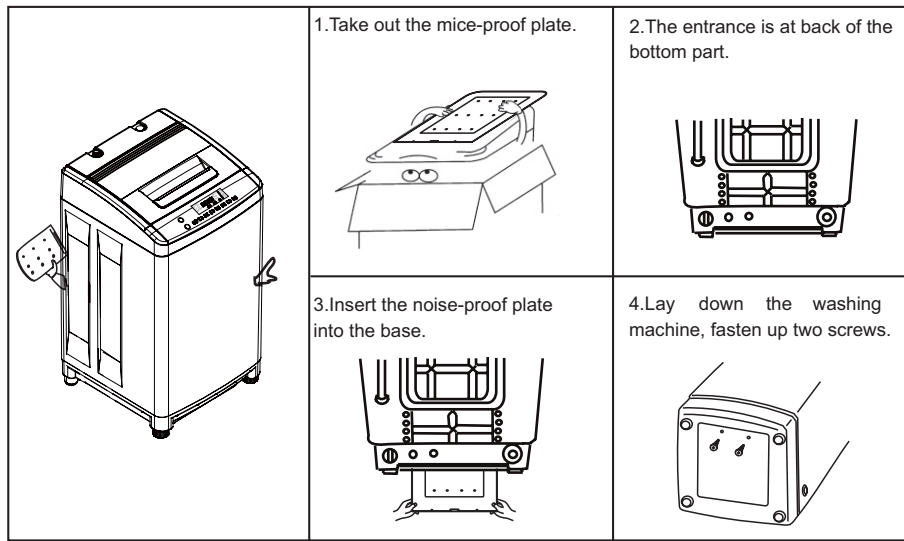
Control Panel



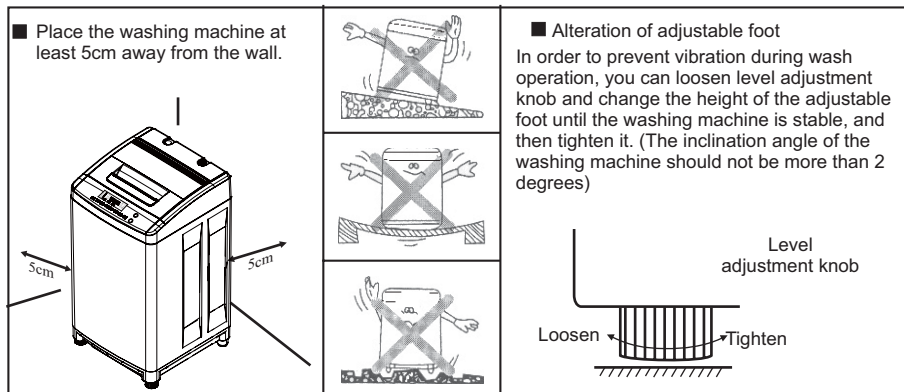
	Use this button to turn the washing machine on and off. If a set program is not started within 5 minutes of turning the machine on, it will switch off automatically.
	Press this button to begin a wash program, or to pause / resume a program that is currently in progress
	Press this button repeatedly to set the desired wash program. You can choose from the following options. Fuzzy: set the water level automatically according to the load of clothes Normal: regular washing Gentle: for washing of wool or underwear Speedy: to wash the slight dirty clothes Heavy: to wash the coverlet, jeans and other big clothes Air dry: to dry the tub
	Press this button repeatedly to choose the required washing temperature. You can select Cold, Warm or Hot. If the hot value is not connected, please do not select hot or warm model. The default warm temp is 35 degree, and the hot model one is 45 degree.
	Use this button to program a delay start to the wash cycle. Each pressing can increase 1 hour for presetting time, and hold this button, time will increase rapidly.
	Press this button repeatedly to choose Soak, Wash, Rinse and Spin.
	Use this button to select the appropriate water level according to the volume of laundry. <ul style="list-style-type: none"> ● A long pressing on "Water Level" will re-supply water until the hand goes or the water level reaches the warning level. ● The user can not adjust the water level under Speedy or Air dry
	Use these buttons (Preset & Water temperature) simultaneously to activate and deactivate the safety lock.

Installation

Insert the mice-proof plate into the washing machine base



Place the washing machine on a firm and level surface, use the level adjustable knob to adjust the washing machine to be stable.



Connection of the inlet hose

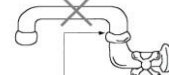
Outlet:



1. Select the appropriate type of outlet as shown in the figure.



2. End of outlet spout should be more than 10mm, or the connector cannot be assembled.



3. Water leakage is possible from here.

Installation and connection of the inlet hose

1. Unscrewing the part "a" from the water faucet. (As figure 1)



Figure 1

2. Respectively attach the water inlet hose to the water faucet. (As figure 2)

Note: Do not overtighten. Damage to the valve can result.

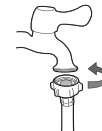


Figure 2

3. Run water through both faucet and inlet hose, into a bucket or laundry tub, to get rid of particles in the water line that might clog the inlet valve screen.

4. Attach the hose connected with the water faucet to the water inlet valve. (As figure 3)

Note: Do not overtighten. Damage to the valve can result.

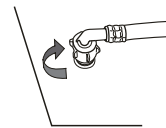


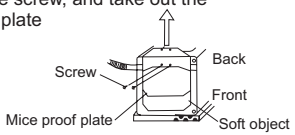
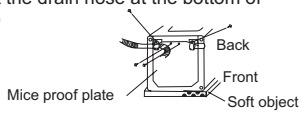
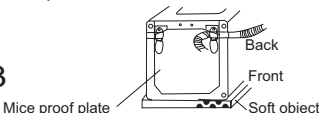
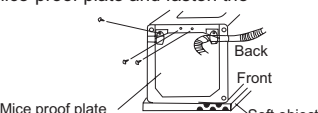
Figure 3

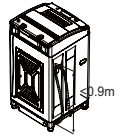

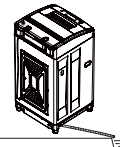
5. Check for leak

1) Swing the water inlet hose gently to confirm if it's suitable.

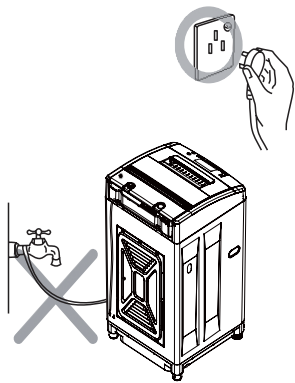
2) Turn on the water faucet and check for leak. A small amount of water might enter the washer. You will drain this later.

Change the direction of the drain hose (if necessary)

<ul style="list-style-type: none"> • Lay down the machine on soft objects • Unfasten the screw, and take out the mice-proof plate <p>1</p> 	<ul style="list-style-type: none"> • Unfasten the secured screw of the drain hose joint • Take out the drain hose at the bottom of machine <p>2</p> 
<ul style="list-style-type: none"> • Change the drain hose to another side • Change the place of drain hose chuck and cover <p>3</p> 	<ul style="list-style-type: none"> • Fasten the drain hose chuck and screw • Fix the mice-proof plate and fasten the screw <p>4</p> 


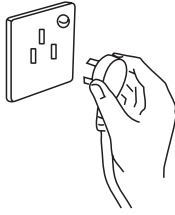
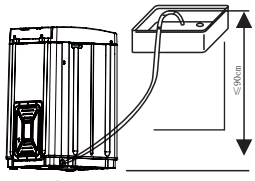
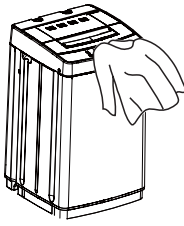
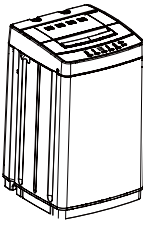
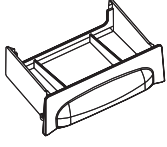
Drain model		
<p>It is a machine with upper drainage, it can drain even if drain hose is hung up, but the hose should not be positioned over 0.9m.</p> 	<p>If it is needed, the drain hose can be laid down on the ground to drain.</p> 	<p>Be careful that the end of the drain hose is not immersed in water.</p> 

Connection of the power cord

<ul style="list-style-type: none"> • The earthing which is indicated by yellow and green colour must be firmly connected to a special Earthing. Please call the technician to assemble. • The socket should have assembled the 3A fuse. <p>NOTE:</p> <ul style="list-style-type: none"> • Never try to connect the earthing of the washing machine together with that of gas pipe or water pipe, telephone cord or lightning rod. • Do not use the damaged cord because it could cause electricity leakage and fire. • In case cord is damaged, please contact the local service company, because it is removed and replaced with special tools. 

Operation

Preparation

<p>1. Connect the water inlet hose to the tap. 2. Turn on the tap.</p> 	<p>3. Plug in the power cord.</p> 	<p>4. Insert the end of the drain hose into the hook shelf, and hang the drain hose over a drain outlet.</p> 
<p>5. Put suitable wash load into the inner tub.</p> 	<p>6. Close wash lid completely. (or else, it will not spin and give alarm)</p> 	<p>7. Add suitable detergent according to the wash load volume into the detergent box or washing tub directly.</p> 

Method

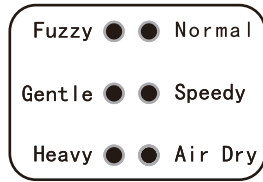
1. Power switch

Press the power switch to turn on the washing machine. The default indicator will light on.



2. Washing Program Selector

The model has 6 programs to fit for different clothes quantity. The default program is "Fuzzy". If other program is needed, you can press Program button to choose.



We recommend that you select 'Normal' program for a full load (7kg) of normally soiled clothes, select 'soak' and set warm water level to 10.

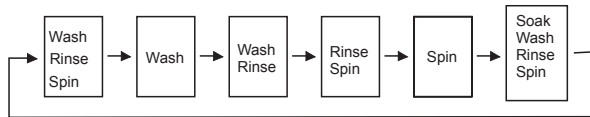
3. Water Temperature Selector

After power on, the model of water temperature is Cold Water, if your needed water temperature is Hot Water or Warm Water, pressing Water Temperature is available.



4. Washing Process Selector

- After power on, the default process is Wash, Rinse and Spin.
- If needed, press the PROCESS button to choose the "Soak" process (to keep the best wash ration of the wash powder and detergent)
- Press the PROCESS button continuously, 4 process will circulate as figure below



5. Water Level Switch

Choose the water level according to the wash loading, the table below offers the quantity of the detergent or wash powder according to the wash loading(Only for reference)

Water Level	Wash Loading	Water Volume	Normal wash powder	Concentrated wash powder
			40g/30L	25g/30L
9-10	5.5-7kg	62L	83g	52g
		57L	76g	48g
7-8	4-5.5kg	52L	69g	43g
		47L	63g	39g
5-6	2.5-4kg	42L	56g	35g
		37L	49g	31g
3-4	1-2.5kg	32L	43g	27g
		28L	37g	23g
1-2	Less than 1kg	24L	32g	20g
		20L	27g	17g

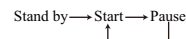
6. Preset selector

- 1: Select automatic process or edit process by yourself
- 2: Press "PRESET" button continuously, the indicating window indicates the time needed for washing. (Example: if the preset time is 8 hours, press the button till the window indicates 8.)
- 3: Please close the wash lid completely. (otherwise the machine will give alarm)
- 4: The washing machine works according to the program you have set and shows the left time as you preset.



7. Press Start/Pause button, start the washing machine

- The water inlet valve open, water come into the tub, when the water level reach to the set level, the washing machine will start.
- Please do not open the top lid when the machine has started, especially in the spinning, to prevent the danger.
- If you want to change your wash program after it has started, you can do so by pausing the current washing cycle by pressing the Start/Pause button. You can then select your desired wash program. At last press this button to resume washing with the new wash cycle.



8.Wash over

- ① The Buzzer will alarm after the program finish, and it will power off
- ② Unplug the power cord.

Fuzzy function and memory function

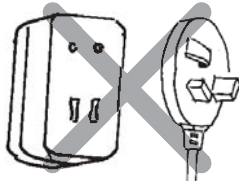
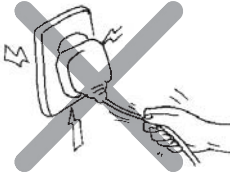
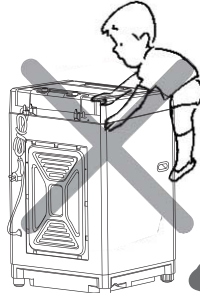

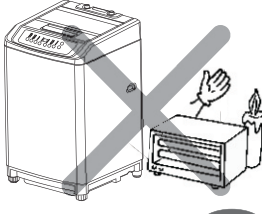
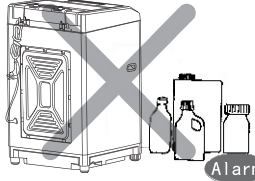
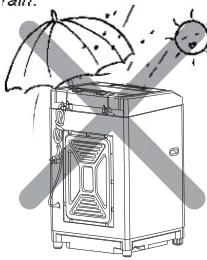
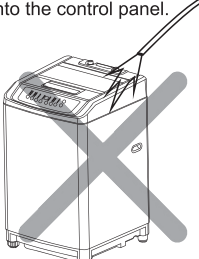
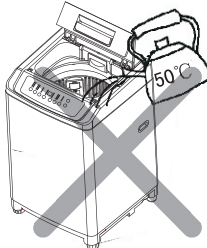
- **Fuzzy** means the machine can set the water level automatically according to the loading, if other water level is needed, you can press Water level button. But if there is some water in the tub before pressing Start/Pause, this function will lose effectiveness, and water level is 5.
- Under the fuzzy function, the water level maybe improper if you put the clothes into the tub after pressing START/STOP button.
- If pressing START/STOP button is later than pressing Process, Program or Water level button, it will cancel the fuzzy function automatically.
- **Memory** means if the operation is interrupted for cutting off electricity, and pressing the START/PAUSE button in 10 minutes after the power returns to normality, the machine can continue the unfinished operation. Beyond 10 minutes and do not press START/PAUSE button, the machine will turn off automatically.

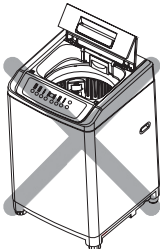
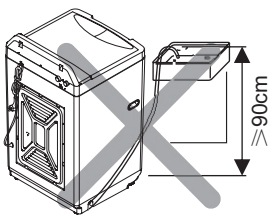

Program Time Table

- Computer sequencer saves up 6 kinds of washing programs, all kinds of programs are shown as washing process form.
- In soaking process, washing is that take clothes moving soak for some time, then begin to work as gently wash program, so as to pre-wash fully and improve the clean ratio.

Program	Wash		Rinse									Spin	TOL (min)			
			1st Rinse			2nd Rinse			3rd Rinse							
Fuzzy	Inlet water	wash 16	drain water	spin 3	wash 3	drain water	spin 3	wash 3				drain water	spin 4	44		
Heavy		wash 18		spin 3	wash 3		spin 3	wash 3	drain water	spin 3	wash 3		spin 3	wash 3	spin 5	57
Gentle		wash 3		spin 2	wash 2		Spin 2	wash 2					spin 3	26		
Speedy		wash 3		spin 2	wash 2								spin 2	13		
Normal		soak 20 wash 24		spin11	wash 16								spin 10	89		
Air dry											spin 38	40				

Safety warning

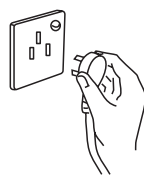

<p>■ Never use the plug as shown.</p>  <p>Danger</p>	<p>■ Do not only hold the cord while pulling out the plug.</p>  <p>Danger</p>	<p>■ Do not let children to play with the machine.</p>  <p>Danger</p>
<p>■ Do not put hands into the rotating tub.</p>  <p>Danger</p>	<p>■ Keep the washing machine away from fire or heat.</p>  <p>Alarm</p>	<p>■ Do not clean the body of machine with volatile solvent such as petrol and methane. Also, do not pour these solvents into the tub for washing or drying purposes.</p>  <p>Alarm</p>
<p>■ Do not expose washing machine to direct sunlight or rain.</p>  <p></p>	<p>■ Do not place the washing machine in a damp place and do not pour water onto the control panel.</p>  <p></p>	<p>■ Never use water over 50°C</p>  <p></p>

<p>■ Make sure the lid is closed especially during spin.</p> 	<p>■ The highest point of the drain hose must be within 90cm above floor level.</p> 	<p>■ Do not switch on when the water pressure isn't within 0.03MPa-0.85Mpa, so as to protect the inlet valve.</p> 
<p>The appliance is not intended for use by young children or infirm persons unless they have been adequately supervised by a responsible person to ensure that they can use the appliance safely. Young children should be supervised to ensure that they do not play with the appliance.</p>	<p>If the 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. The power cord must be unplugged after use. Please use low foam powder detergent.</p>	<p>The appliance is to be connected to the water mains using new hose-sets and that old hose-sets should not be reused.</p>

Maintenance

Clean the filter in the inlet valve

Clean the filter in the inlet valve regularly in order to prevent it from clogging

<p>1. First unplug the power cord .</p> 	<p>2. Take off the inlet hose and clean the filter with a brush.</p> 
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Body Maintenance

Note:

- Clean the surface of the washing machine with a soft cloth regularly.
- After washing starched or bleached laundry, the inner tub must be clear, or deposit will appear.

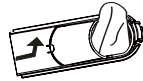


Clean the lint filter

1. Pull upward to remove the filter assy's.



2. Take the filter from the filter cover.



3. Clean and rinse it thoroughly.



4. Reinstall the filter.



Trouble Shooting

Malfunction phenomenon

Reason

Start the washing machine from Rinse Process, the washing machine does not input the water	<ul style="list-style-type: none"> ● The washing machine will start from the spin process in order to spin out the water and detergent from the clothes, then input the water (if there is water in the tub it will drain out the water first)
The wash process changes from Spin to Rinse	<ul style="list-style-type: none"> ● When the clothes are not even or are on a single side of the tub, the washing machine will input the water and make the clothes balance and even.
The control button is useless to touch	<ul style="list-style-type: none"> ● If want to change the PROCESS after the washing machine started, please touch the Start/Pause button to reset the process
spin delay	<ul style="list-style-type: none"> ● The washing machine will delay 15 to 60 seconds to enter spin process after drain or after select spin process only

Before maintenance

Problem	Checklist
Does not work	<ul style="list-style-type: none"> ● Is electricity present? ● Is the tap opened? ● Is the plug loose, or fuse broken? ● Turn on the power or start button?
Fail to fill water	<ul style="list-style-type: none"> ● Is the tap opened? ● Is the drain hose frozen? ● Is the water supply cut? ● Is the water inlet valve blocked?

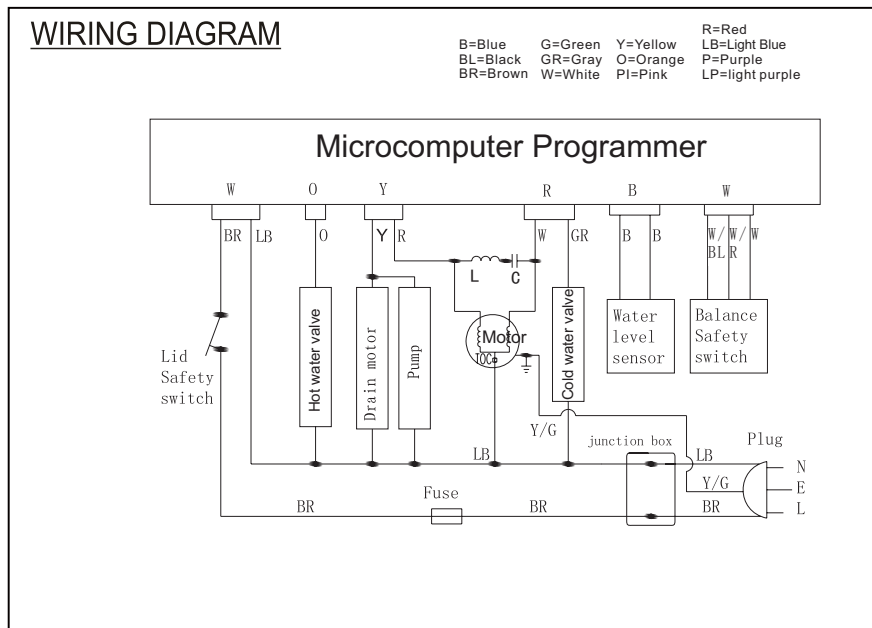
Trouble Shooting Method

For some trouble, the machine buzzer will ring and alarm, and the indicator will flash.

Troubles	Indicator Light	Possible Cause	Solution
Breakdown	No indicator	The plug is badly connected to the socket or the switch is not activated.	Connect the plug properly or activate the switch
	No indicator	The socket is dead or the fuse is broken.	Contact the authorized technician.
	No indicator	The current process is lost for power failure	Reuse only when power failure is eliminated
	No indicator	The voltage is too low or too high	Remove the plug and reuse it when the voltage comes to normality.
Standing drain	E1	1.The drain hose is blocked; 2.The drain hose is positioned over 90cm height.	Check the drain hose,open the lid and then close it to continue drain process.
A conflict between the tub and the cabinet during spinning	E3	The clothes are not laid evenly in the tub.The machine will try to make a automatic check and ajustment for 2 times,or if nothing available ,an alarm will be given.	Open the lid,distribute the clothes evenly in the tub and then it.
Insufficient water supply	E4	The tap is close,water supply is cut off or water pressure is too low,so the water fails to reach to the desired level for quite a long time.	Open the tap or use the machine after the water pressure comes to normal.Open the wash lid, close it and restart to input water
Unavailable preset function	E5	The lid is unclosed during preset process(the process will pause and an alarm will be given)	Close the lid.
Abnormal water level sensor	E6	The sensor fails for short or open current,etc.and an alarm will be given.	Contact the authorized technician.
Unstoppable inlet or automatic drain	E7	Abnormalities occur in PCB, inlet valve or water level sensor	Cut off the power after draining , and try to contact with the authorized technician.
Memory chips break down	E8	It can not be read or wrote.	Contact the authorized technician.
Fail to power off or power on	Unending process or no indicator	PCB is broken.	Contact the authorized technician.

Note: When the loading is too much or too less, or the washing machine is not on the level surface, the self-exam mode will come out often, which will increase the rinse times. Please open the lid when the washing machine alarm, and get rid of the problem according to the above sheet, then close the lid ,the machine will work again.

Wiring diagram



Specifications

Rated voltage	220~240V	Rated frequency	50Hz
Wash/spin capacity	7.0 kg	Net weight	36.5kg
Dimension	560mmX580mmX950mm		

The technical drawing shows the front view of the washer's panel. The dimensions are: width 560mm, depth 580mm, and height 950mm.

Warranty / Contact information

Warranty

Before making a claim under warranty, please refer to your user/installation manual to ensure that you have followed correct operating procedures of your product, and refer to the trouble shooting section to assist solving any problems you may have.

Contact information

Australian Customer Service
GAF Control (Sales) Pty Ltd
P.O Box 19
Altona North Victoria 3025
Phone: 1300 659 489
Hours: 9am-5pm (EST) Mon-Fri
www.gafcontrol.com.au