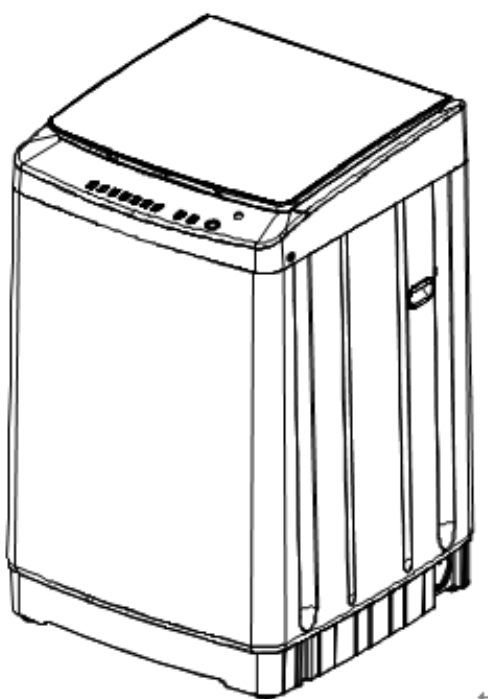




FUZZY LOGIC CONTROL
FULLY AUTOMATIC WASHING MACHINE
Model : CATL 6108 GVS1



INSTRUCTION MANUAL



Please read instructions carefully before using

IMPORTANT SAFEGUARDS

1. This product belongs to Class I appliances. Please pay attention to electricity safety when using: This machine uses a single-phase two-pole grounded power outlet, the outlet must be reliably grounded, and the grounding terminal should not be connected with gas pipelines, water pipes and other utilities.
2. If the washing machine is connected to the power supply via a socket board or a portable power unit, the socket board or the portable power unit must be placed in a place that is not wet and cannot be easily splashed by water.
3. Do not use a socket with other electrical appliances, do not use when the plug and socket are loose.
4. If there is any dust on the mounting surface of the power plug and the insert, carefully wipe it with a dry cloth.
5. When the washing machine is in normal use, the power cord plug should be easily accessible by hand. When power is cut off, moved, unused or cleaned, be sure to unplug the power plug and turn off the water tap. Note: Please do not plug or unplug the power cord with wet hands.
6. Do not excessively bend, stretch, twist, strap, or overload the power cord.
7. The connection mode of this unit's power cord is Y connection. If the power cord or power plug is damaged, it must be replaced by our special service point or full-time personnel of our after-sales service department to avoid danger.
8. The washing machine cannot be installed in the bathroom and other wet places, absolutely cannot use water to wash, do not put wet clothes on the control board of the washing machine.

9. Please avoid direct sunlight to the washing machine, do not be near heat sources such as heating.
10. Do not place the machine on a carpet. Do not place the machine with a drain function on a place where there is no floor drain.
11. This product needs to be connected to water. New water pipes must be used as much as possible. Old water pipes cannot be reused.
12. The machine applies water pressure 0.03MPa ~ 0.85MPa.
13. Make sure that the faucet and inlet pipe fittings are reliably installed and that the inlet pipe fittings and the inlet pipe are securely plugged into place.
14. Do not put any hot, heavy items (such as pots with hot water, etc.) on the washing machine.
15. Unattended children or physically handicapped persons must not use this machine.
16. Never put kerosene, gasoline, banana water, alcohol or other flammable substances or laundry with such substances in or near the laundry tub.
17. Do not wash waterproof clothing or easy-to-float clothing such as raincoats, bicycle covers, down products, elastic cotton products, etc. to avoid abnormal vibration or damage to clothing during washing or dehydration.
18. Do not open the door cover when the washing machine is in the process of dehydration.
19. When the washing machine is working, do not put your hand into the drum of the washing machine in operation. Even if the rotation speed is very slow, it is dangerous. Take special care not to let children climb the washing machine to

avoid danger.

20. Never disassemble, repair, or modify this unit by yourself.

21. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

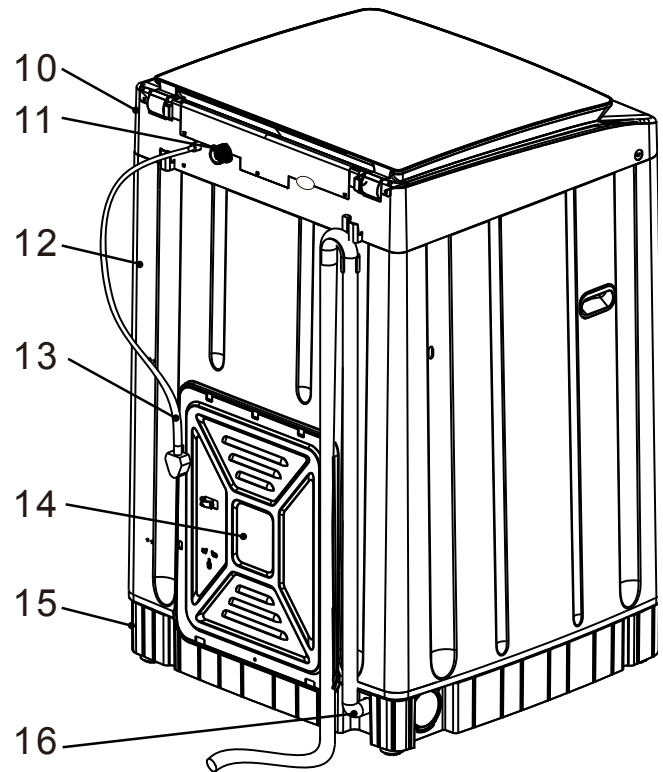
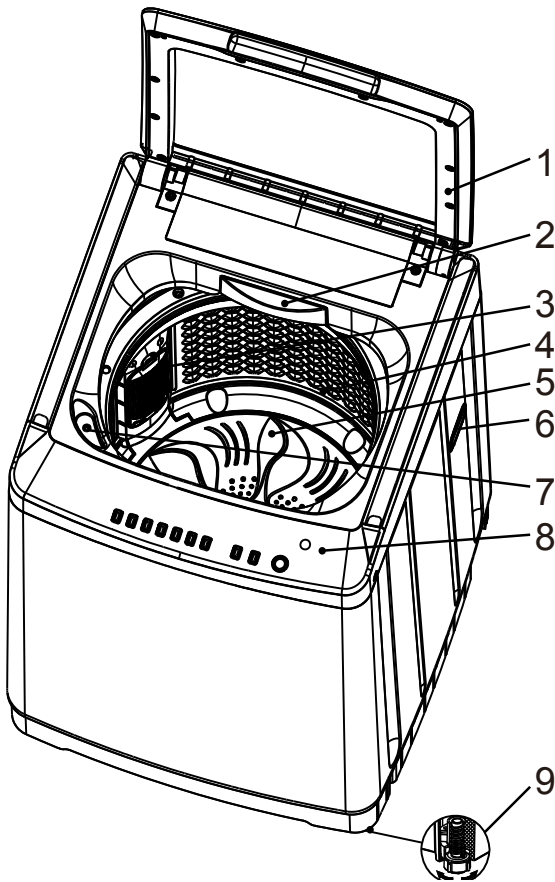
22. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

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

This appliance is intended to be used in household and similar applications.

PARTS DESCRIPTION AND LOADING LIST

1. Parts description



- 1. Top lid component
- 2. Washing powder box
- 3. Filter
- 4. Inner drum
- 5. Top loader
- 6. Housing handle
- 7. Bleaching agents injection port
- 8. Button board

- 9. Adjustment foot
- 10. Control panel holder
- 11. Inlet valve
- 12. Housing
- 13. Power cord
- 14. Rear cover
- 15. Base
- 16. Drain connection

2. Loading list (Follow export sales actual requirement)

No.	Packing list	Quantity	Remarks
1	Automatic washing machine	1	

2	Inlet pipe	1	
3	Bottom lid board	1	
4	User manual	1	
5	Drain pipe parts	1	Some models have been installed randomly
6	Self-tapping screws	2	

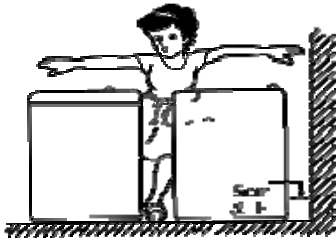
USING ADVICE

1. Low-bubble detergent is recommended during the use of this machine.
2. It is recommended to use the washing machine in an environment of 0°C to 40°C. Too low or high ambient temperature may cause the unit to malfunction.
3. If the washing machine is stored in an environment below 0°C, it must be left in the room temperature environment for about 4 hours before it can be used to prevent the machine from icing and damaging the machine.
4. The washing and dehydration capacity of a washing machine refers to the maximum weight of a standard laundry in a washable, dehydrated and dry state, which is different from the actual laundry. The thickness, size, and type of the washing cloth will affect the actual washing capacity. The loading amount of the washing should be properly inverted in the washing process.
5. The amount of washing below 1.0kg should not choose high-grade water level, so as not to splash during the washing process.

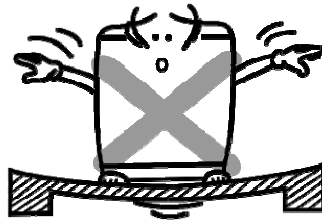
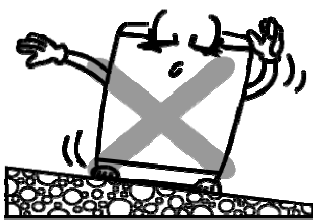
INSTALLATION METHOD

- 1、Installation notes:

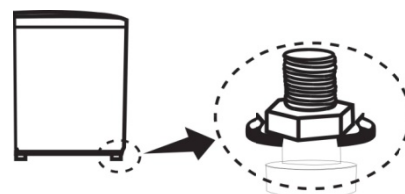
- a. Choose to place the washing machine in a dry place without direct sunlight.
- b. There should be a floor drain at the place where the washing machine is placed, and the water flow is unobstructed. At the same time, the floor drain should be flush with or slightly lower than the place where the washing machine is placed, so as to prevent the damage caused by the water leakage of the washing machine.
- c. The washing machine should be placed on a flat, solid floor and keep a distance of more than 5cm from the wall to prevent noise from colliding with the wall during dehydration.

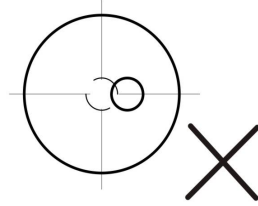
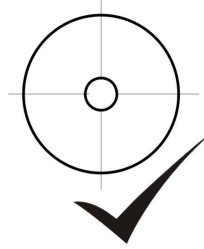


- d. Do not place the washing machine on a sloping, uneven surface; do not place the washing machine on an unstable stand or on the floor. When using it, remove the bottom foam and plastic pin holder to avoid damaging the washing machine.



- e. The washing machine should be placed as smoothly as possible. If necessary, adjust the supporting feet (adjustment feet) on the front of the washing machine to keep the washing machine level.



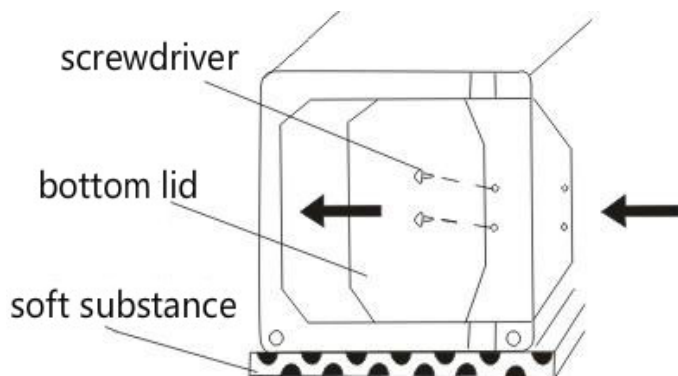


(1) Check the level of the washing machine visually.

(2) If you have a spirit level, set the bubble in the spirit level.

2. Install the bottom cover:

- a. The bottom cover is placed between the top of the washing machine box and the foam. Take it out when unpacking.
- b. Place the washing machine gently on the side of the soft object (be careful not to touch the housing).
- c. Insert the bottom cover along the mounting slot on the base until it is seated.
- d. Fasten the bottom cover to the base with screws (in the accessory bag).
- e. Gently lift the washing machine and let it rest.



3. Connection of the inlet/drain hose

1) Connection between water inlet and tap (Please select according to the actual water inlet pipe)

Common water inlet pipe

Ordinary tap installment



Figure 1

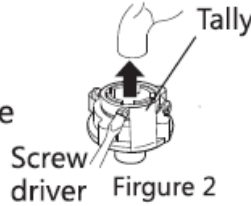


Figure 2



Figure 3

Tighten before is about 4mm
After tightening is less than 2mm

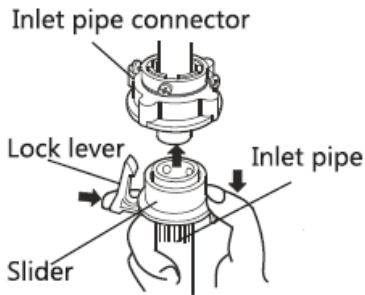


图4

One、Inlet pipe connector installment

1.Remove inlet pipe connector from inlet pipe parts, adjust screw to set on tap,if tap diameter is rather large, then take off the sleeve, like figure 1.

2.Tighten the 4 screws of inlet pipe connector evenly, like figure 2.

3.Take off the tally, and tighten the fitting nut, like figure 3.

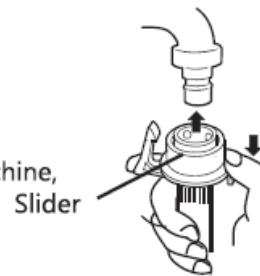
Note: Before tighten the nut, the screw thread exposures about 4mm,after tightening, the screw thread exposures less than 2mm.

Two、Connect inlet pipe connector and inlet pipe. Press down slider,plug inlet pipe into connector and hook on lock lever onto connector,puts down the slider and have "pa" sounds,that is okay,like figure 4.

Special tap installment



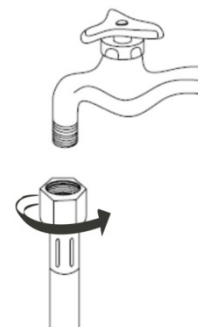
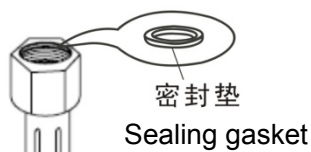
Connect the inlet pipe connector and inlet pipe. Plug the fast connector into passed washing machine, and push upward to tighten, which follow step 2 as ordinary tap installment.



Double thread water inlet

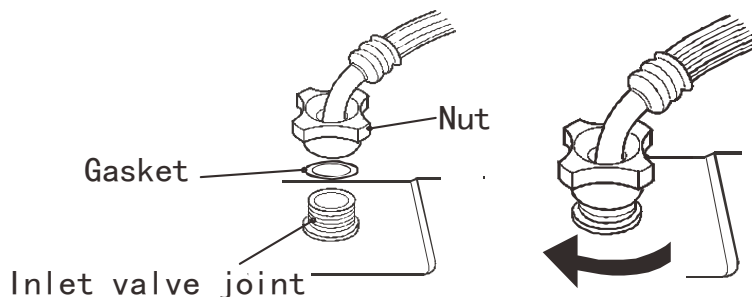
a. To ensure that there is a sealing pad in the joint of the water inlet and the installation is smooth.

b. According to the diagram, the water inlet is aligned with the tap and the nut on the water inlet is tightened.



2) Connection between water inlet and Washing machine

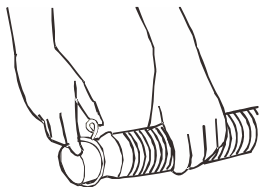

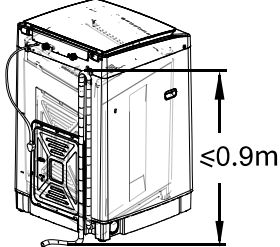
a. Before connecting, please check whether the sealing gasket in the water inlet nut has fallen off or not.



b. Put water inlet nut on inlet valve joint.

c. Tighten the water inlet nut.

4. Connection of the drain hose (some model drains have been installed before leaving the factory)

1. Press down the fix ring, and hitch it over the drain hose.	2. Press down the fix ring, and then push it to the drain outlet. Clasp the fix ring to make sure they are connected well.	3. Draw the drain hose to the outlet. Do not let the height of the drain hose exceed 90cm from the bottom of the machine.
		

BEFORE WASHING INSTRUCTIONS

1. Check before washing:

Is the inlet pipe connected? Is the faucet valve open?

Is the power cable plugged in? Is the power outlet grounded reliably?

Is the washing machine stable?

Is the drain put down? And no entanglement?

Is the drain pipe hung? The hanging height of the drain pipe shall not be greater than 0.9m, is it too high?

2. Pretreatment of laundry:

Check whether there are special requirements for washing and whether it can be washed or machine washed.

Be sure to remove hard objects such as keys, pins, coins, hairpins, and sand.

Greasy or faded clothes should be cleaned separately.

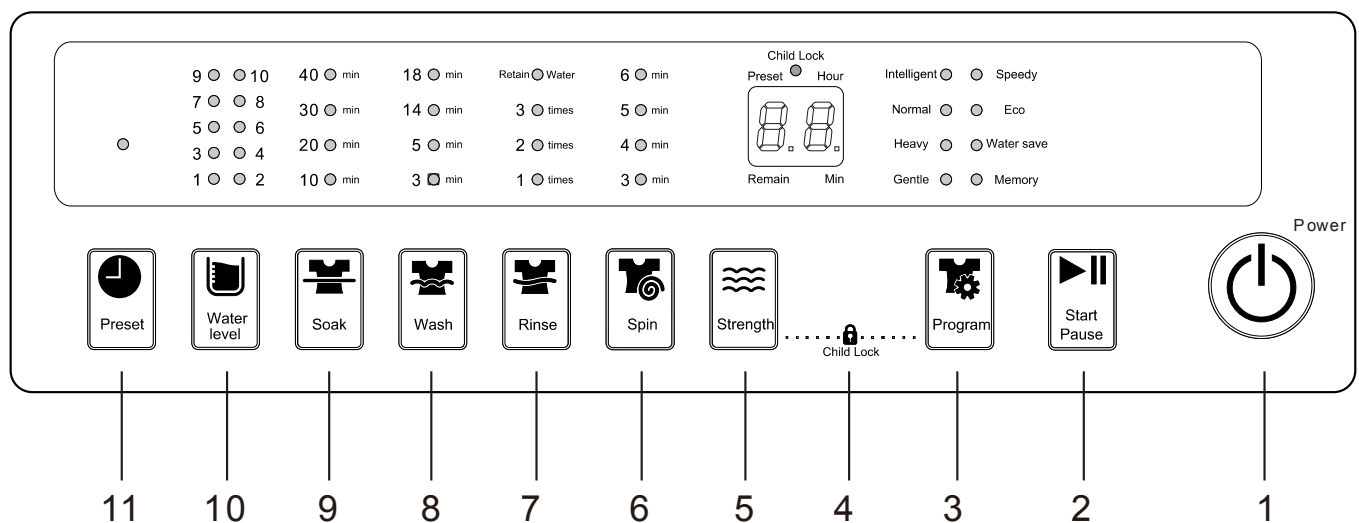
If there is a zipper or a hard jewelry on the clothing, please pull the zipper and turn it from inside out.

Take long knots on the clothes and tie them tightly. The buttons are fastened.

Some clothes (such as lace, nylon socks, and chemical fiber hollow weaving) should be placed in the laundry net. (Laundry net please bring your own)

If there is a lot of dusty clothing, please remove the dirt, especially dirty parts, and spray the detergent in advance. This will make it easier to remove stubborn stains.

CONTROL PANEL



1. INDICATOR STATUS MEANING

A flashing light indicates that the program is running.

The light is on to show the status to be run or selected.

Fault code is displayed in case of failure, e.g. E4.

When the program is set, the digital display shows the total running time.

The digital display shows the total time of preset during the procedure.

The digital display shows remaining time after the program start.

Digital display shows in intelligent fuzzy detection is — —.

2. BUTTON INSTRUCTIONS

1) “Power” BUTTON

Press the “Power” button to turn on the power or cut off the power.

2). “START/PAUSE” BUTTON

After turning on the power, press the “Start/Pause” button to start or pause the washing machine.

3) “PROGRAM” BUTTON

Intelligent: automatically adjusts the standard washing procedure to suit the water level according to the amount of clothing.

Normal: routine washing procedure.

Heavy: washing of larger, thicker clothes.

Gentle: wool or underwear wash.

Speedy: to wash the slight dirty clothes.

Eco: washing procedure of saving water and electricity.

Note: For CATL 6108 GVSI washing machines, the recommended ECO procedure is applicable to energy efficiency testing in Vietnam.

Water-saving: water saving washing procedure.

Note: For CATL 6108 GVSI washing machines, the recommended water-saving procedures are

used for energy efficiency tests in Singapore.

Memory: it has memory function to the last program.

4) “CHILD LOCK” BUTTON

After the program starts, press the buttons of 【Program】 and 【Strength】 for 1.5 seconds. After one buzzing, the washing machine enters the "Child Lock" state. Repeated operation can release the Child Lock state.

5) “STRENGTH” BUTTON

The intensity of washing water can be adjusted.

6) “SPIN” BUTTON

The dehydration time can be set. After the machine is turned on, select the button separately to realize the spin function.

7) “RINSE” BUTTON

The times of rinsing can be set.

8) “WASH” BUTTON

The time of washing can be set.

9) “SOAK” BUTTON

The washing time can be adjusted and set.

10) “WATER LEVEL” BUTTON

According to how much washing clothes, you can press “**water level**” button to select the appropriate water level; Intelligent program when the washing machine to determine the weight of the clothes and automatically set the water level according to the results.

11) “PRESET” BUTTON

The preset time can be set.

OPERATION METHOD

1. General operation method

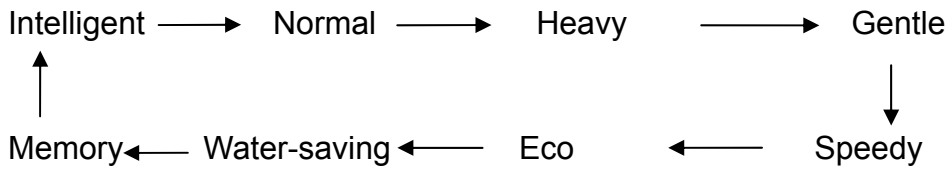
1) Press the **Power** button to turn on the power.

2) Press the **Program** button to select the appropriate fully automatic program.

After turn on the power, the washing machine is automatically set to "Normal" program. If you need to select other full-automatic programs, you can press the "Program" button until the

corresponding program light is on.

Press the **Program** button in the program setting state, and the automatic program will cycle according to the following rules:



3) Press the **“Water Level”** button to select the appropriate water level.

After turning on the power, if there is water in the washing tub, the washing machine cannot enter the blur function. The default is the 5 water level of the standard program.

After turning on the power, press the "Start/Pause" button directly and the default intelligent program can automatically judge the water level.

4) Press the **“Start/Pause”** button to boot the system.

After the system starts, if you need to change the setting program, you can press the "Start/Pause" button to pause the system operation, then press other buttons to set, and finally press the "Start/Pause" button, the system will run according to the newly set program.

5) Close the top cover and the washing machine enters the running state.

Do not open the top cover during the operation of the washing machine, especially during the dehydration process to avoid accidents.

6) When the laundry is over, it will automatically beep and power off.

2. Self programming operation method

1) Press the **Power** button to turn on the washing machine and press the “Program” button to select the appropriate program.

2) Press the "Wash", "Rinse" and "Spin", "Water level" and "Preset" function buttons to set the appropriate washing time, rinsing times, spinning time, appropriate water level and appropriate appointment time, and whether there is "water retention" function.

3) Press the “Start/Pause” button to boot the system.

4) Close the top cover and the washing machine enters the running state.

3. "Water retention" operation method

1) After turning on the power, the default setting of the machine is no water retention function, and the "water retention" indicator is off. If you want to start this function, you can press the

"Rinse" button from the program operation to the last drainage to make the "water retention" light on. If it is not necessary, you can press the "Rinse" button again to turn off the "water retention" light.

2) After selecting the water retaining function, when the program runs to the last drainage, the "water retention" light flashes, and an alarm is given every five minutes to prompt the user to contain water. When the user is ready to receive the water container, press the "Rinse" button, and the "water retention" light is off to start drainage. In this drainage process, press the "Rinse" button to switch between drainage and stop drainage.

3) If the user does not press the "Rinse" button when draining the water for the last time, the "water retention" light will be flashing all the time, and an alarm will be given every five minutes to prompt the user to deal with the problem. The next step will not continue until the "Rinse" button is pressed.

4. "Preset" operation method

1) After turning on the power, the user wants to start the preset program. After setting the program, water level, process and other options, the user can press the "preset" button to select the required preset time, and then press the "start" button to start the program. After the "preset" is activated, the digital display shows the remaining time of the preset (in hours), and the "." light flashes and lights up.

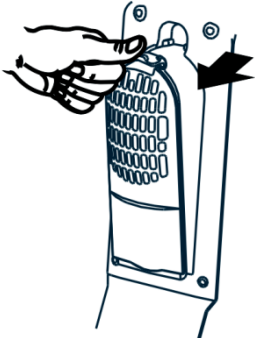
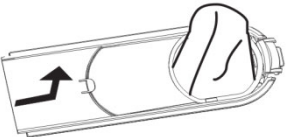

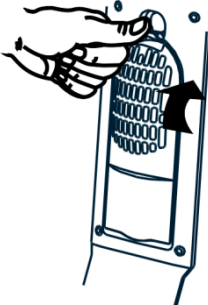
2) After "preset" is started, other buttons are invalid except "Power" button.

3) After "preset" is started, please close the upper cover of washing machine, otherwise the program will pause and alarm.

4) After the "Preset" is started, if you want to change the running program or cancel the preset, you need to cut off the power supply and reset.

MAINTENANCE

1. Clean the filter.

<p>Pull the filter out by pressing and holding the hook.</p> 	<p>Remove the filter from the filter cover.</p> 	<p>Turn the filter bag from inside out, and wash in water to remove the lint.</p> 	<p>Reinstall the filter</p> 
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2. Clean the inlet valve filter.

The inlet valve filter is easy to be blocked by impurities and hinders water intake. Please clean it regularly (usually about 2 months).

3. The whole machine is clean.

Clean the surface of the washing machine and the water in the barrel with a clean soft cloth. Open the cover for a period of time (about 1 hour) and air dry. Close the cover again.

Do not spray water directly on the washing machine, or use a thinner, detergent, kerosene, volatile oil, alcohol, etc.

Specially dirty places can be wiped with a soft cloth dampened with mild soapy water.

TROUBLE SHOOTING

1. Common non-fault phenomenon

When the washing machine is used for the first time, there may be a small amount of water flowing out of the drain pipe. This is the residual water when the factory performance is tested.

In the process of washing or rinsing, water inflow sometimes occurs. This is due to the automatic replenishment of the water level.

Washing machine setup When the rinsing program is started, no water is injected. The default rinsing program for the washing machine starts with drainage and dehydration.

After the dehydration starts, the dehydration barrel stops when it is time, which is the intermittent dehydration set to achieve the dehydration effect.

In the middle of dehydration, water rinsing phenomenon sometimes occurs

because the balance of the clothes is automatically corrected when the clothes are dehydrated.

Delayed dehydration after the water is finished. This is the default setting of the washing machine.

The button operation is invalid during the laundry process. This is the default setting of the washing machine. It needs to be paused before it can be operated.

1. Common default and solution:

Problem	Display	Cause	Solution
Totally no working	No display	The power plug is not plugged in and the power switch is not pressed.	Plug in the power plug and press the power switch.
	No display	The outlet has no electricity or the fuse is broken.	Ask an electrician to check the socket or fuse.
	No display	The power outage causes the program to disappear and the operator must operate it again after the call.	Turn on the machine after power on and operate various buttons as required.
	There is no display when the voltage is too low, or the fuse may be open when the voltage is too high.	The voltage is too low or too high.	Unplug the power plug and wait until the voltage is normal
Poor drainage	E1	The outlet of the drain pipe is too high or blocked, resulting in the water not being discharged after 10 minutes	After checking the drain and rectifying the fault, open the cover, close it, and re-enter the drain.
Not dehydrated	E2	No close the upper cover when washing (pause and alarm) or dehydration (cover and alarm)	Close the cover.

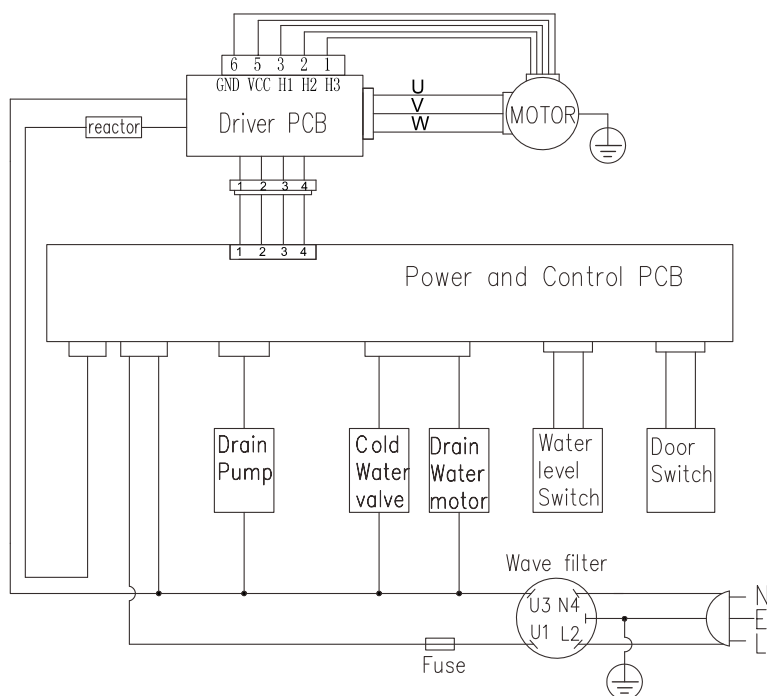
Dehydration touch the shell	E3	Because the laundry unevenly touches the shell when it is unbalanced during the dehydration, the washing machine will automatically correct it, and if it is still invalid after two times, it will alarm.	Open the top cover, place the clothes manually and close the cover.
Insufficient water injection	E4	The faucet is not on, the water is stopped or the water pressure is low. After 30 minutes, the water level is less than the set water level.	Open the tap or wait until the water pressure is normal before use. Open the cover, close the cover, and re-enter the water inlet process.
Water level sensor abnormal	E6	Water level sensor failure, open circuit or short circuit, then automatically alarm.	Please have professional maintenance personnel overhaul.
Water intake or automatic drainage	E7	Computer board, inlet valve, or water level sensor is abnormal.	Turn off the power after the water is finished. Please have professional service personnel repair it.
Memory chip failure	E9	Can't read and write	Turn off a machine
Foam anomaly	EA	Excessive foam in dehydration	Open the cover and close it.
Motor or frequency transformer failure	F1-F3,F7	Frequency transformer Failure.	Restart the machine after shutdown for 10 seconds. If the fault has not been solved, please repair it by professional personnel.
	F5-F6	Over voltage, overload or inverter failure	Reduce the washing weight and restart the machine. If the fault is still not solved, please ask professional personnel for maintenance.
Unable to start or not boot	No display	Computer board failure	Please have professional maintenance personnel overhaul.

Note: After you check the items and remove the trouble, restart the washing machine. If there is still an abnormality, please unplug the power plug and call our customer service phone as soon as possible.

SPECIFICATION SHEET

Model	CATL 6108 GVSI	
Power	220~240V/50Hz	
Rated washing / dehydration volume (kg)	10.0kg	
Rated input power (W)	Washing: 500W	Spinning: 500W
Water pressure (MPa)	0.03~0.85MPa	
Water proof class	IPX4	
Noisy	Washing: 62dB(A)	Spinning: 72dB(A)
Product size (mm)	630x640x970	
Packing size (mm)	680x680x1055	
Product net weight (kg)	36	
Product gross weight (kg)	41	

WIRING DIAGRAM



PROGRAM TIMETABLE

Program	Washing		Rinse										Spinning		Total time		
			The first rinsing				The second rinsing			The third rinsing							
Intelligent	Water inlet	Washing 14 mins	Drainage	spinning 4mins	Water inlet	Washing 3mins	Drainage	spinning 3 mins	Water inlet	Washing 3mins	/				Drainage	spinning 4 mins	about 45mins
Normal	Water inlet	Washing 14mins	Drainage	Spinning 4mins	Water inlet	Washing 3 mins	Drainage	spinning 4 mins	Water inlet	Washing 3mins	/				Drainage	Spinning 5 mins	about 45mins
Heavy	Water inlet	Washing 14 mins	Drainage	Spinning 4mins	Water inlet	Washing 5 mins	Drainage	spinning 4 mins	Water inlet	Washing 5 mins	Drainage	spinning 4 mins	Water inlet	Washing 5 mins	/	Spinning 6 mins	about 63mins
Gentle	Water inlet	Washing 5 mins	Drainage	spinning 4 mins	Water inlet	Washing 5 mins	Drainage	spinning 4 mins	Water inlet	Washing 5 mins	/				Drainage	spinning 4 mins	about 39 mins
Speedy	Water inlet	Washing 3 mins	Drainage	spinning 3 mins	Water inlet	Washing 2 mins	/								/	spinning 3 mins	about 15 mins
Eco	Water inlet	Washing 32 mins	Drainage	spinning 4 mins	Water inlet	Washing 5 mins	/								/	spinning 5 mins	about 54 mins
Water-saving	Water inlet	Washing 18 mins	/										/	spinning 6 mins	about 28 mins		
Memory	Water inlet	Washing 14 mins	Drainage	spinning 4 mins	Water inlet	Washing 3 mins	Drainage	spinning 4 mins	Water inlet	Washing 3 mins	/				Drainage	spinning 5 mins	about 45 mins