



WASHING MACHINE SERVICE MANUAL

CAUTION

READ THIS MANUAL CAREFULLY TO DIAGNOSE
PROBLEMS CORRECTLY BEFORE SERVICING THE UNIT.

MODEL : FH0C7FDMS
FH0C7FD2MS

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1. IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USE

WARNING

For your safety, the information in this manual must be followed to minimize the risk of fire or explosion, electric shock, or to prevent property damage, injury to persons, or death.

IMPORTANT SAFETY INSTRUCTIONS

 **WARNING** : To reduce the risk of fire, electric shock, or injury to persons when using the washer, follow basic precautions, including the following:

- Read all instructions before using the washer.
- Do not wash articles that have been previously cleaned in, washed in, soaked in, or spotted with gasoline, dry cleaning solvents, or other flammable or explosive substances, as they give off vapors that could ignite or explode.
- Do not add gasoline, dry cleaning solvents, or other flammable or explosive substances to the wash water. These substances give off vapors that could ignite or explode.
- Under certain conditions, hydrogen gas may be produced in a hot water system that has not been used for 2 weeks or more. **HYDROGEN GAS IS EXPLOSIVE.** If the hot water system has not been used for such a period, before using the washing machine, turn on all hot water faucets and let the water flow from each for several minutes. This will release any accumulated hydrogen gas. As the gas is flammable, do not smoke or use an open flame during this time.
- Do not allow children to play on or in the washer. Close supervision of children is necessary when the washer is used near children.
- Before the washer is removed from service or discarded, remove the door to prevent children from hiding inside.
- Do not install or store the washer where it will be exposed to the weather.
- Do not tamper with controls.
- Do not repair or replace any part of the washer or attempt any servicing unless specifically recommended in the user-maintenance instructions or published user-repair instructions that you understand and have the skills to carry out.
- See Installation Instructions for grounding requirements.
- **ALWAYS** follow the fabric care instructions supplied by the garment manufacturer.
- Do not place items exposed to cooking oil in your washer. Items contaminated with cooking oils may contribute to a chemical reaction that could cause a load to catch fire.
- Do not use fabric softeners or products to eliminate static unless recommended by the manufacturer of the fabric softener or product.

SAVE THESE INSTRUCTIONS

GROUNDING INSTRUCTIONS

This appliance must be grounded. In the event of malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for electric current. This appliance is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

- Do not use an adapter or extension cord.
- Do not remove ground prong.
- If you don't have the proper outlet, consult an electrician.

 **WARNING:** Improper connection of the equipment-grounding conductor can result in risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the appliance is properly grounded. Do not modify the plug provided with the appliance - if it does not fit the outlet, have a proper outlet installed by a qualified electrician.

2. SPECIFICATIONS

MODEL		FH0C7FDMS/FH0C7FD2MS FH0C7FD3MS/FH0C7FD4MS
COLOR		BLUE WHITE STAINLESS SILVER
POWER SUPPLY		220 ~ 240 V, 50 Hz
PRODUCT WEIGHT		190 lbs. (87kg)
CURRENT CONSUMPTION	WASHING	3000 ~ 3600W
ELECTRIC POWER CONSUMPTION	DRAIN MOTOR	45W
	CIRCULATION MOTOR	45W
FUSE		250V, 12A (Time Delay)
REVOLUTION SPEED	WASH	45 rpm
	SPIN	1000
CYCLES		6
OPTIONS		(OPL:Custom PGM)
OPERATIONAL WATER PRESSURE		138 ~ 827kPa
CONTROL TYPE		Electronic
WASH CAPACITY		15kg
DIMENSIONS		73.7 cm (W) X 81.4cm (D) X 103.6 cm (H), 137.0 cm (D with open)
DOOR SWITCH TYPE		PTC + Solenoid
WATER LEVEL		10 steps (by sensor)
LAUNDRY LOAD SENSING		Incorporated
ERROR DIAGNOSIS		Incorporated
Wi-Fi		Landry Lounge (Web site) Laundry Lounge Installer (App) Laundry Lounge (End-User App)

3. FEATURES & TECHNICAL EXPLANATION

3-1. FEATURES

- **Direct Drive System**
The advanced Brushless DC motor directly drives the drum without belt and pulley.
- **The Tilted Drum and Extra Large Door Opening**
Tilted drum and extra large door opening make it possible to load and unload easily.
- **Ultra Capacity**
The larger drum enables not just higher head drop and stronger centrifugal force, but also less tangling and wrinkling of the laundry. Heavier loads, such as king size comforters, blankets, and curtains, can be washed.
- **SEE-THROUGH DOOR AND BIG DOOR**
You can see the laundry throughout the cycle.
- **Magnetic Door Plunger**
Safely and conveniently secure the door slightly ajar with the magnetic door plunger. This will promote air circulation and allow the interior of the machine to dry. To use this feature, after the load has been removed, do not close the door completely. When the magnetic door plunger comes into contact with the metal washer cabinet, it will secure the door slightly open allowing the interior of the washer to dry.
- **STAINLESS STEEL DRUM**
Stainless steel drum offers extreme durability.
- **TUB CLEAN**
Regular cleaning of the tub on a monthly basis using TUB CLEAN can help keep the tub clean and fresh.
- **Laundry Lounge Apps**
 - Laundry Lounge Installer : This is a registration app for installers used to register the product on the server. Only available for authorized users.
*Search for Laundry Lounge Installer in Google Play Store or Apple App Store.
 - Laundry Lounge : This is for end-users to check real-time monitoring of registered stores and products.
*Search for Laundry Lounge in Google Play Store or Apple App Store.

3-2. WATER LEVEL CONTROL

- This model incorporates a pressure sensor which can sense the water level in the tub.
- The water supply is stopped when the water level reaches the preset level; then the selected cycle begins.
- Spinning does not proceed until the water in the tub drains to a certain level.

3-3. DOOR CONTROL

- The door can be opened by pulling the door handle whenever washer is not in operation.
- When the cycle is completed, the DOOR LOCKED light will turn off.
- If a power failure has occurred while in operation, the door will unlock after 2 minutes.
- Clicking sounds can be heard when the door is locked/unlocked.

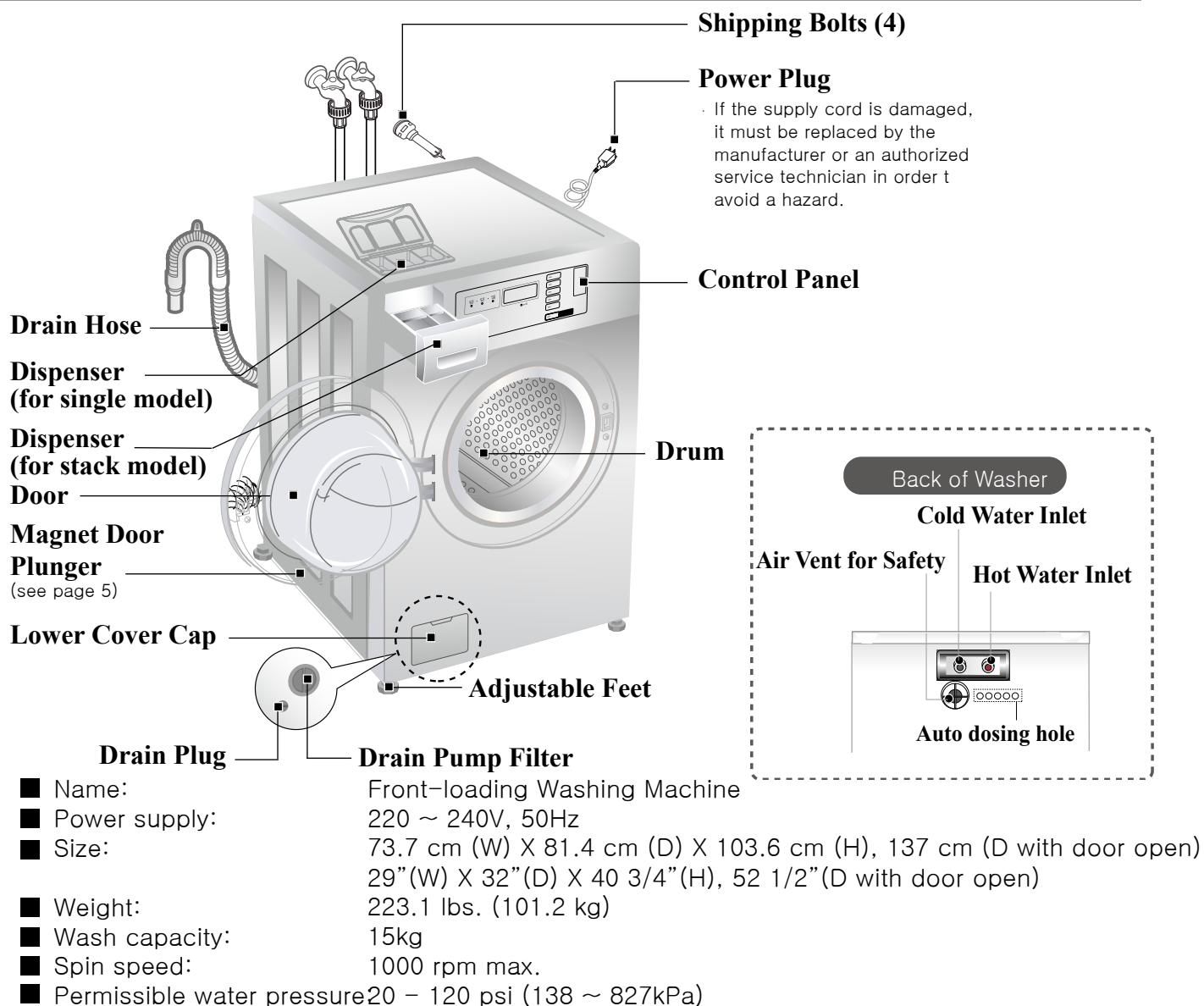
3-4. THE DOOR CAN NOT BE OPENED

- While program is operating.
- While Door Lock lights turn on.
- While the drum is rotating.

3-5. DOOR LOCKED LAMP LIGHTS

- When the frequency of water level is lower than 22.9 kHz.
(It can be canceled when the frequency is more than 23.8 kHz.)
- When the temperature inside the tub is higher than 45 °C (104 °F) and water level is not 25.5 kHz.
(It can be canceled when the water level is 25.5 kHz or the temperature inside the tub is lower than 40 °C (113 °F).)

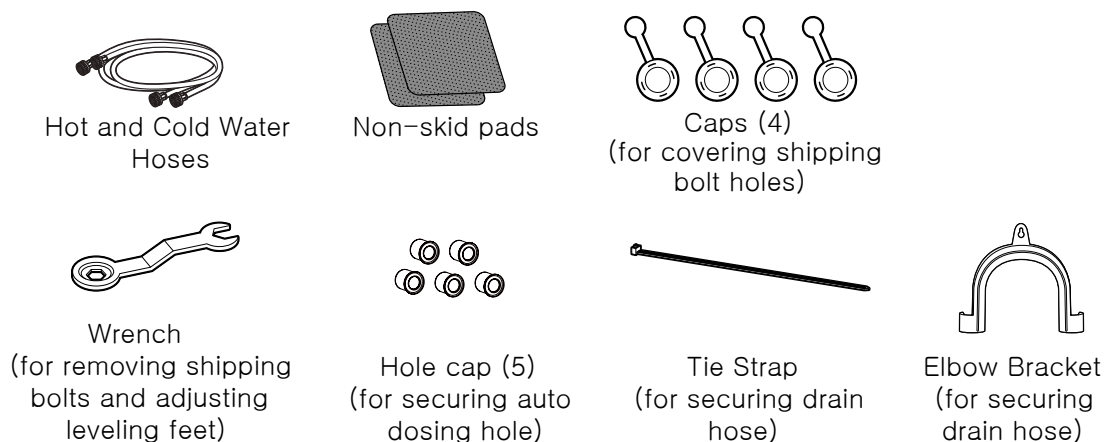
4. PARTS IDENTIFICATION



Note

Specifications subject to change by manufacturer.

Accessories



5. INSTALLATION INSTRUCTIONS

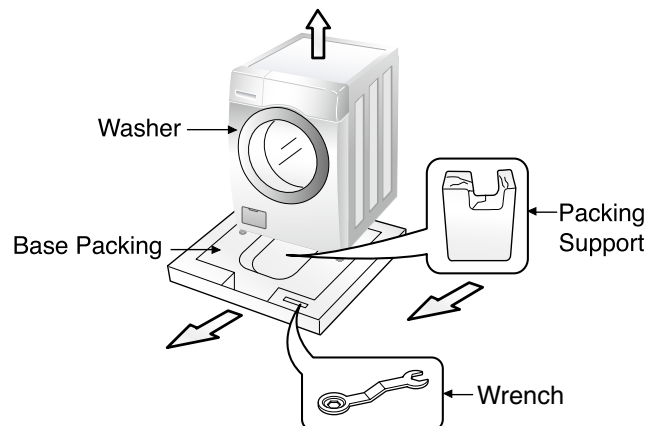
⚠ WARNING

- **Washer is heavy.** Two or more people may be needed to install and move the appliance. Failure to do so can result in back or other injury.
- **Store and install the washer where it will not be exposed to temperatures below freezing or exposed to outdoor weather conditions.** Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- **This appliance must be properly grounded for personal safety.** Properly ground washer to conform with all governing codes and ordinances. Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- **Do not install the washer in humid spaces to reduce the risk of electric shock.** Failure to follow this warning can cause serious injury, fire, electric shock or death.
- The base opening must not be obstructed by carpeting when the washer is installed on a carpeted floor.
- **Do not remove ground prong.** Do not use an adapter or extension cord. Plug into a grounded 3 prong outlet. Failure to follow this warning can cause serious injury, fire, electric shock or death.
- **Keep the area underneath and around your appliances free of combustible materials such as lint, paper, rags, chemicals, etc.** Failure to do so can result in fire.
- To reduce the risk of injury to persons, adhere to all industry recommended safety procedures including the use of long sleeved gloves and safety glasses. Failure to follow all of the safety warnings in this manual could result in property damage, injury to persons or death.

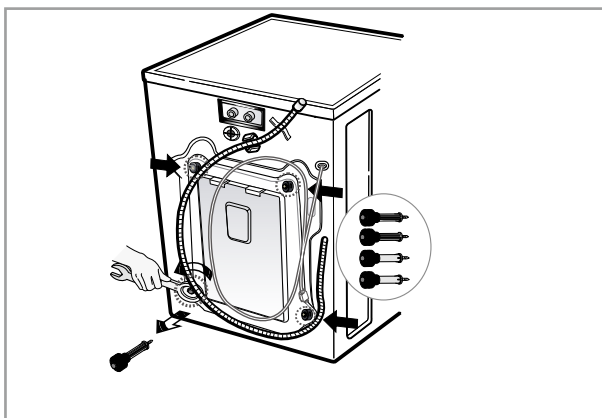
■ Shipping bolts

The appliance is fitted with shipping bolts to prevent internal damage during transportation. Packing and all shipping bolts must be removed before using the washer.

※ When unpacking the base, be sure to remove the additional packing support in the middle of the base packing.

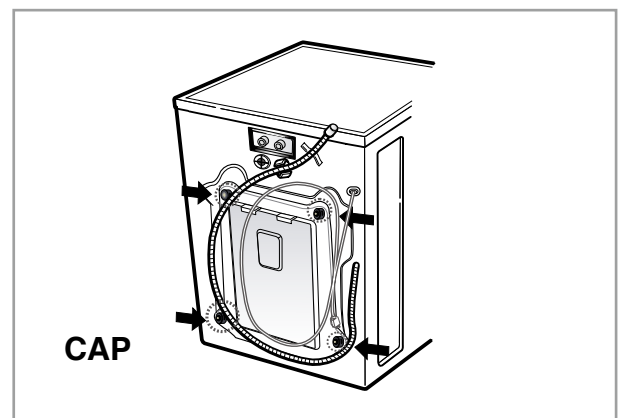


■ Removing shipping bolts



Unscrew the 4 bolts with the wrench supplied
Take out the 4 bolts by twisting the braces slightly

※ Keep the 4 bolts and the wrench for future use
(Whenever the appliance is transported, the shipping bolts and braces must be replaced.)



Close the holes with the caps supplied.

■ Installation clearances

The location must be large enough to open the washer door completely.

■ Washer dimensions



The following dimensions shown are for the minimum spacing allowed.

Additional spacing should be considered for installation and servicing.

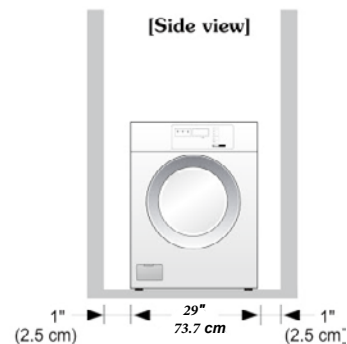
- Additional clearances might be required for wall, door, and floor moldings.
- Additional spacing of 4" (10 cm) on back, 1" (2.5 cm) on all sides of the washer is recommended to reduce noise transfer.

Companion appliance spacing should also be considered.

■ Minimum installation spacing for recessed area installation.



Side view



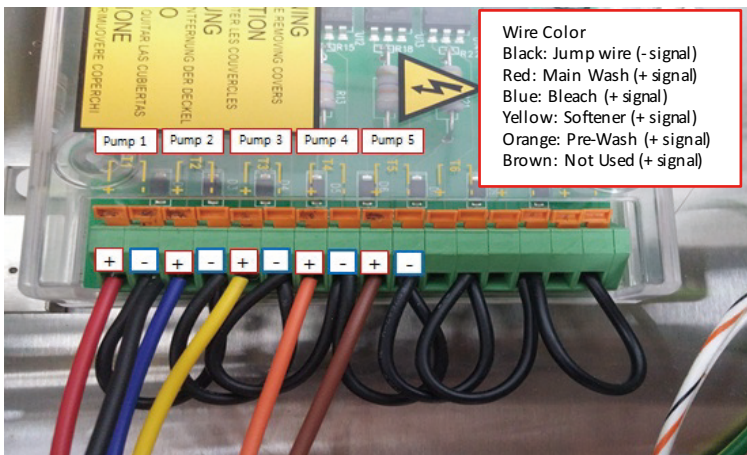
Front view

■ Installation of Auto dosing system

CH	Detergent	Input period
①	ETC (Emulsifier)	Main wash phase
②	Main wash	Main wash phase
③	Bleach	Main wash (Remaining washing time : 5 Minutes)
④	Softener	Final rinse phase
⑤	Pre-wash	Pre-wash phase

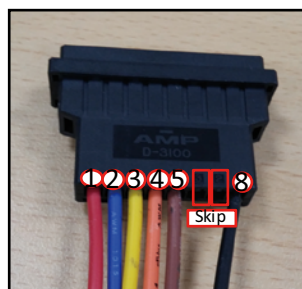


■ Auto dosing interface



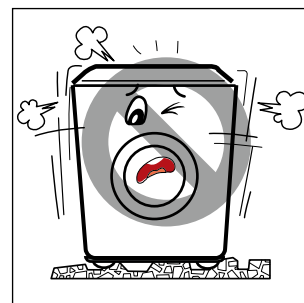
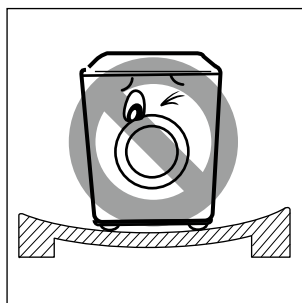
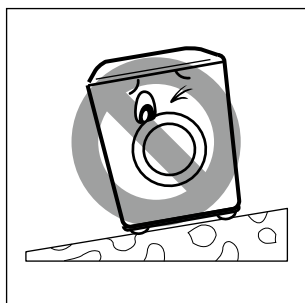
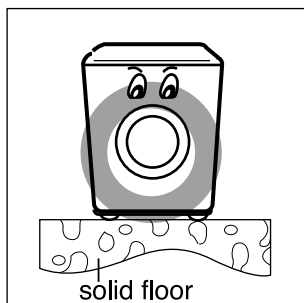
Back of Washer

CH	Type	Wire Color	Signal Type
①	Main Wash	Red	+
②	Bleach	Blue	+
③	Softener	Yellow	+
④	Pre-Wash	Orange	+
⑤	-	Brown	+
⑧	-	Black	-



※ Dosing time should be set according to the flow rate of the pump. We recommend not exceeding 30mL for detergent and 50mL for Bleach/Softener. Refer to detergent/chemical instructions to determine the dosing time for optimal performance.

■ INSTALL THE APPLIANCE ON A FLAT AND FIRM SURFACE

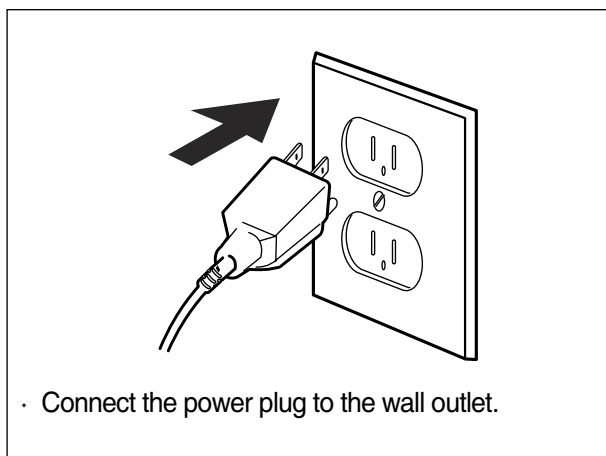


■ Level floor

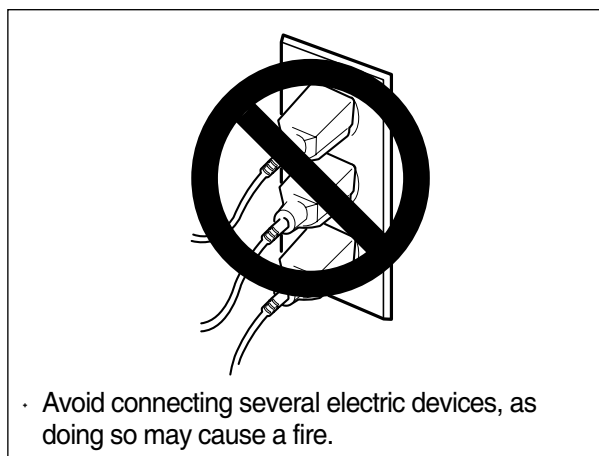
- Allowable slope under entire washer is 1°.
- **To minimize noise and vibration, the washer MUST be installed on a solidly constructed floor.**
- Carpeting and soft tile surfaces are not recommended.
- Never install the washer on a platform or weakly supported structure.

NOTE: A firm, solid floor is even more critical to a front-loading washer than to a top-loader. If your floor is wood and/or frame construction, you may need to reinforce it. Front-loaders use substantially faster spin speeds than top-loaders, causing greater vibration. If the floor is not solid, your washer will vibrate. You will hear and feel the vibration throughout your house.

■ CONNECT POWER PLUG



- Connect the power plug to the wall outlet.



- Avoid connecting several electric devices, as doing so may cause a fire.

- Must be within 60" (1.5 m) of either side of the washer. Do not overload the outlet with more than one appliance.
- Time-delay fuse or circuit breaker is recommended.

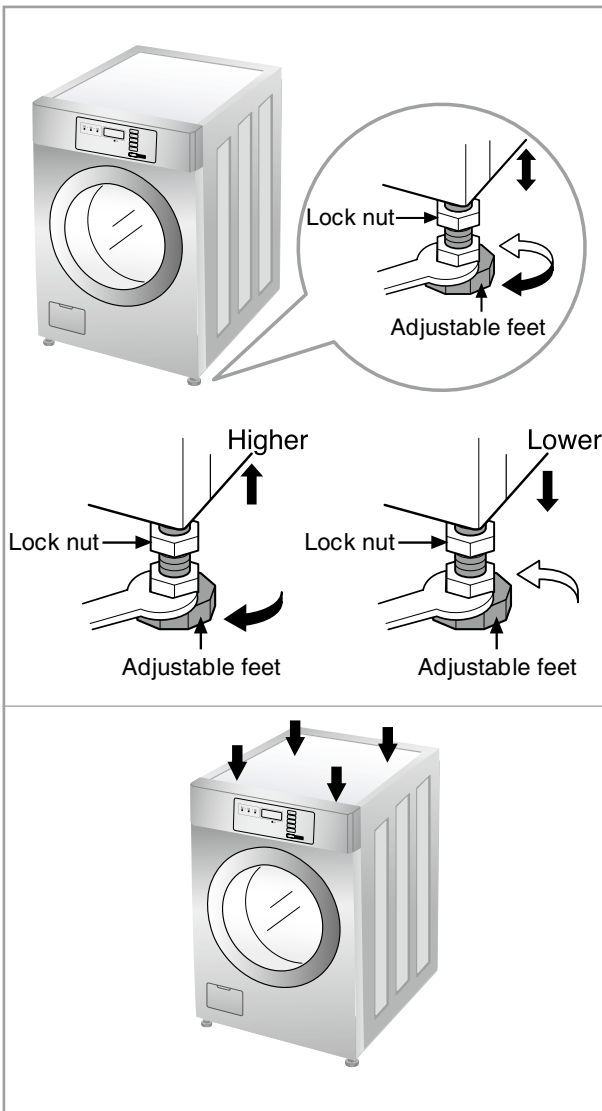
NOTE: It is the personal responsibility and obligation of the customer to have a proper outlet installed by a qualified electrician.

■ Level adjustment



- Leveling the washing machine properly prevents excessive noise and vibration. Install the appliance on a solid and level floor surface, preferably in a corner of the room.
- If the floor is uneven, adjust the adjustable feet as required. (Do not insert pieces of wood, etc. under the feet.)

NOTE: Extend the feet no more than necessary to level the washer. The more the feet are extended, the more the washer will vibrate.



- Make sure that all four feet are stable and resting on the floor and then check that the appliance is perfectly level (Use a level).
- After the washer is level, tighten the lock nuts up against of the base of the washer. All lock nuts must be tightened.
- It is critical to adjust the feet perfectly. This must be done while the washer is spinning with a load. Use the wrench (supplied) to adjust the feet until there is no vibration. Then tighten the lock nuts to prevent further adjustment.

NOTE: If there is vibration and noise during the spin cycle, re-check the leveling of the washer, adjust the feet as required, and tighten the lock nuts securely to prevent changes in adjustment. Run the washer with a test load to make certain your washer is properly leveled. Put an unbalance weight part in the machine. You can check noise and/or vibration on high speed spin rpm through the QC test mode (Refer to page 20). When the machine spins at high speed, verify that it is stable. If not, adjust the feet accordingly.

※ Diagonal Check

When pushing down the edges of the washing machine top plate diagonally, the machine should not move up and down at all. (Please, check both directions.)

■ Electrical connection

- Do not use an extension cord or double adapter.
- If the supply cord is damaged, it must be replaced by a qualified person in order to avoid a hazard.
- If the machine will not be used for an extended time, unplug it, shut off the water supply and open the door to provide ventilation.
- Connect the machine to a grounded outlet in accordance with current wiring regulations.
- The appliance must be positioned so that the plug is easily accessible.
- If fuse blows, it can be replaced with FUSE ASSEMBLY (Fusing requirements: Ceramic 250V 12A)

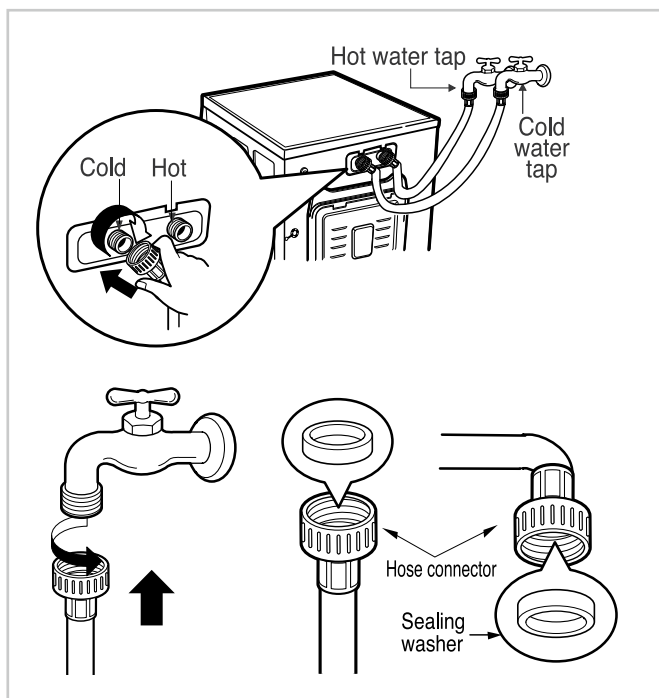
⚠ WARNING! Concerning the power cord

Most appliances recommend they be placed upon a dedicated circuit; that is, a single outlet circuit which powers only that appliance and has no additional outlets or branch circuits. Check the specification page of this owner's manual to be certain.

Do not overload wall outlets. Overloaded wall outlets, loose or damaged wall outlets, extension cords, frayed power cords, or damaged or cracked wire insulation are dangerous. Any of these conditions could result in electric shock or fire. Periodically examine the cord of your appliance, and if its appearance indicates damage or deterioration, unplug it, discontinue use of the appliance, and have the cord replaced with an exact replacement part by an authorized servicer.

Protect the power cord from physical or mechanical abuse, such as being twisted, kinked, pinched, closed in a door, or walked upon. Pay particular attention to plugs, wall outlets, and the point where the cord exits the appliance.

■ Connecting the water supply hoses



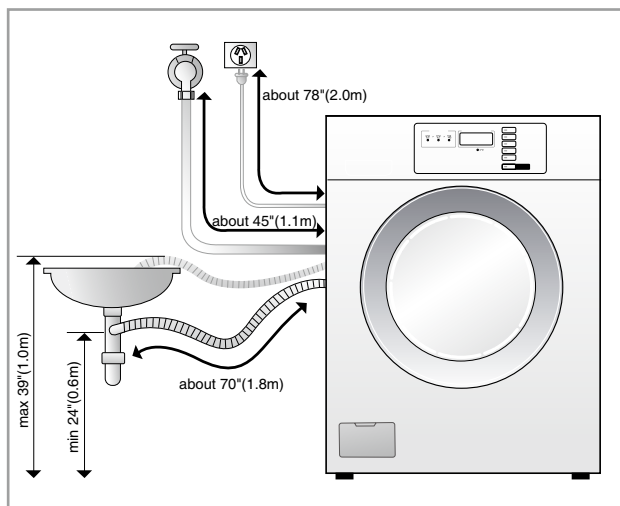
- Water supply pressure must be between 20 psi and 120 psi (138~827kPa).
- Do not crossthread when connecting the inlet hose to the valve.
- If the water supply pressure is more than 120psi, a pressure reducing device should be installed.
- Two sealing washers are supplied with the water inlet hoses to prevent water leaks.
- Check for leakage of washing machine connections by turning the tap completely on.
- Periodically check the condition of the hose and replace the hose if necessary.
- Make sure that there is no kink in the hose and that it is not crushed.
- Be sure that the two water input ports are connected to the correct water faucets. The connector for hot water is colored red; the cold is blue.

NOTE: Use new hoses when installing a washing machine. Replace them periodically.
Old hoses should not be used.

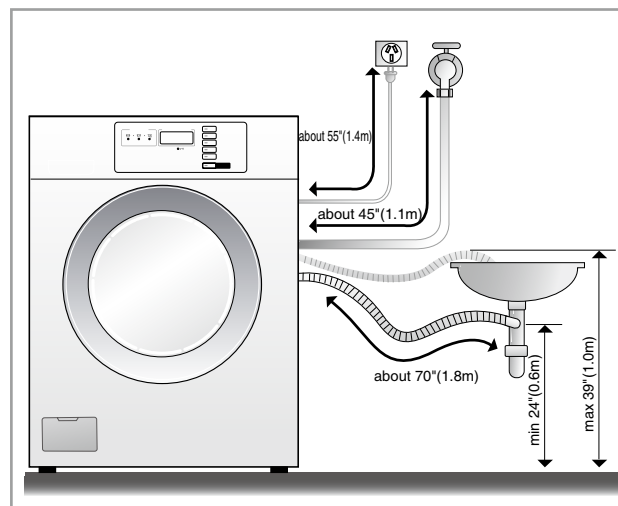
Do not install your washing machine in a room where temperatures below freezing may occur. Frozen hoses may burst under pressure. The reliability of the electronic control unit may be impaired at temperatures below the freezing point.

If the appliance is delivered in the winter months and temperatures are below freezing, store the washing machine at room temperature for a few hours before putting it into operation.

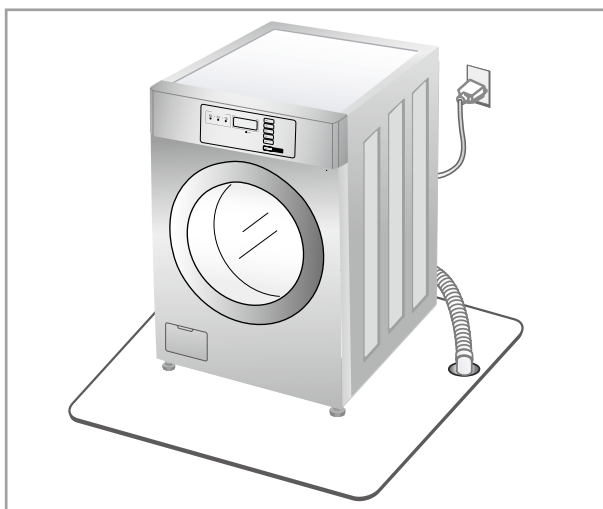
■ Installation of drain hose



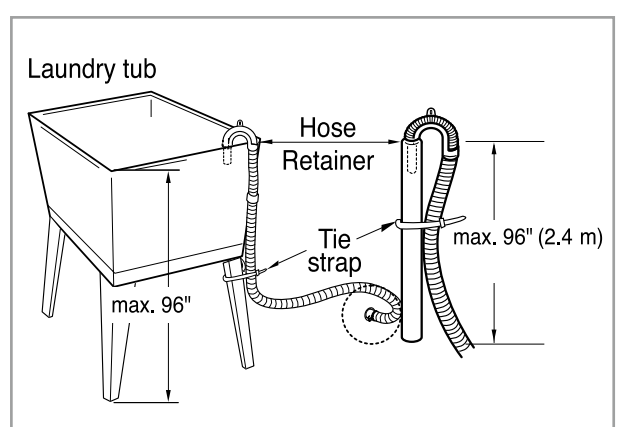
- When installing the drain hose at a sink, secure it so it cannot break away and cause flooding and damage.



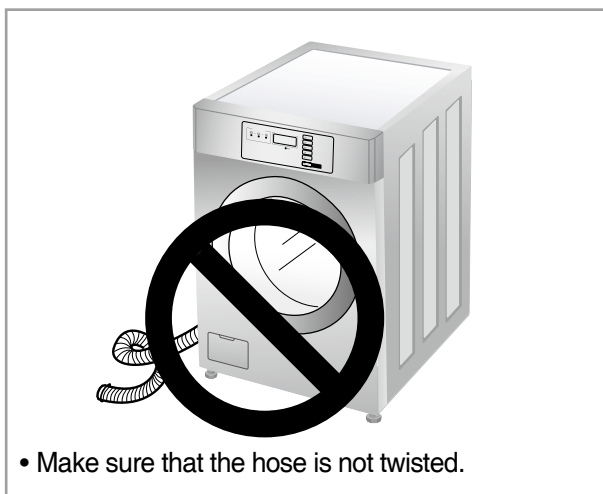
- Properly securing the drain hose will protect the floor from damage due to water leakage.



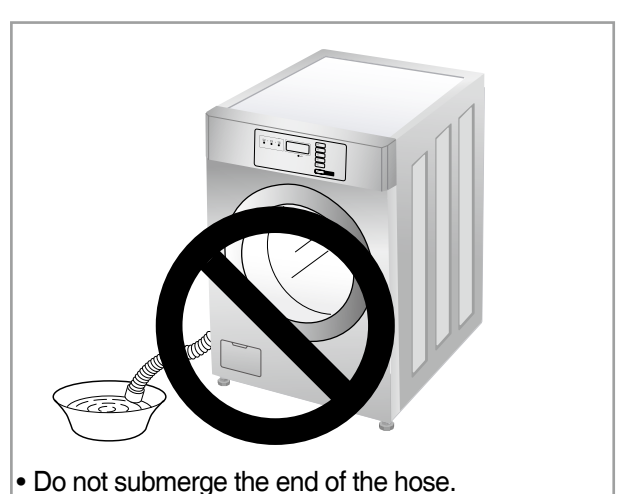
- Place the end of the drain hose in the hole of the floor drain system.



- The drain hose should not be placed higher than 96 in. from the bottom of the washer.
- Properly securing the drain hose will protect the floor from damage due to water leakage.



- Make sure that the hose is not twisted.

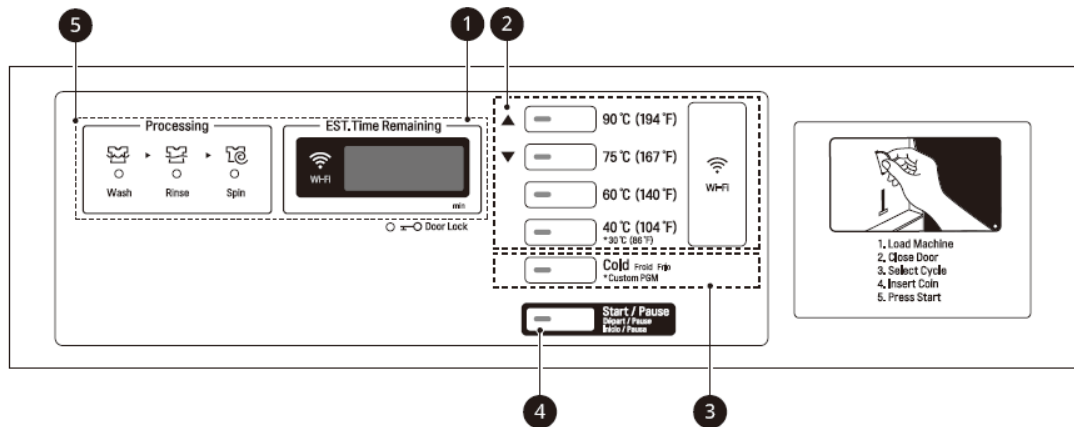


- Do not submerge the end of the hose.

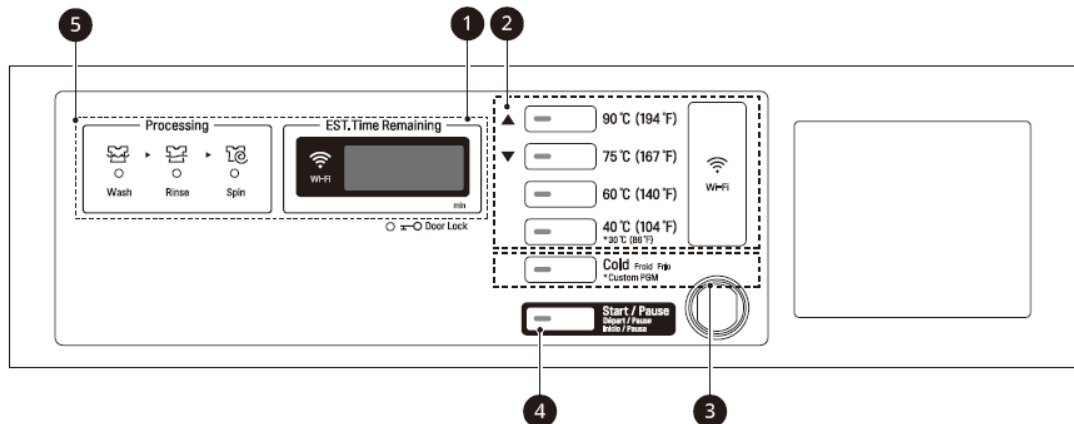
OPERATION

Coin type

- Side by side(FH0C7FD4MS)



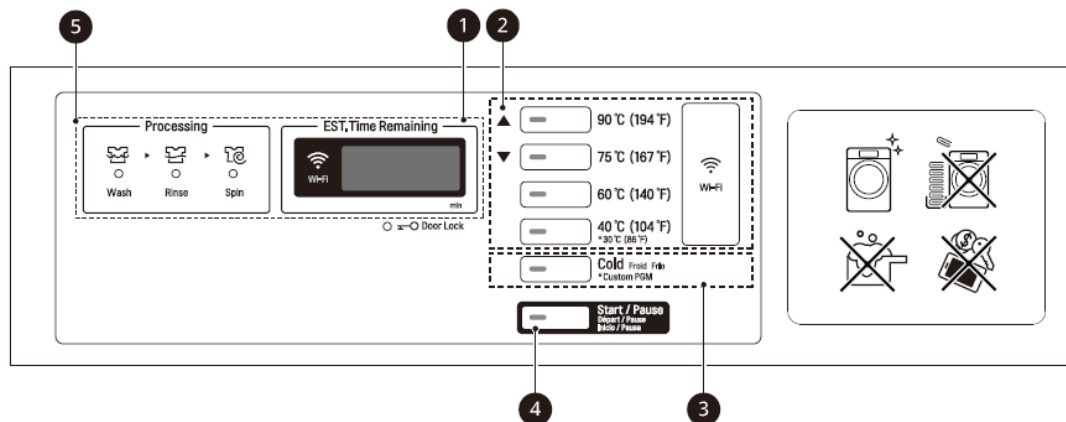
- Stack(FH0C7FDMS)



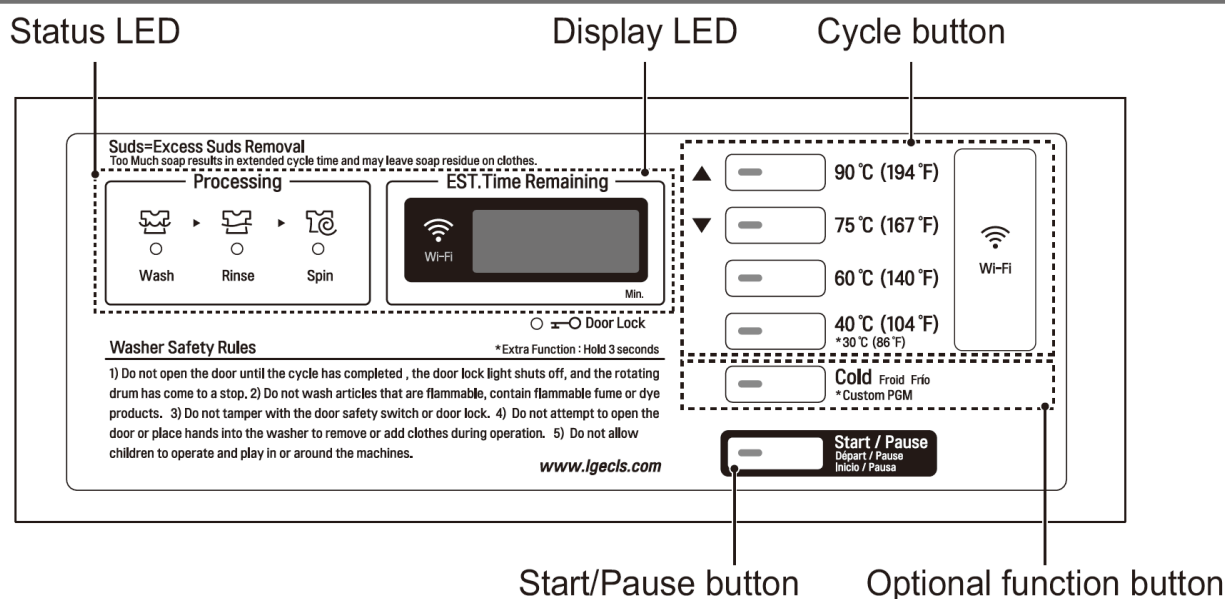
OPL type

- Side by side(FH0C7FD3MS)

- Stack(FH0C7FD2MS)



- ➊ Display LED
- ➋ Cycle button
- ➌ Optional function button
- ➍ Start/Pause button
- ➎ Status LED



Display LED

The display shows the vend price and remaining time and programming options. Error codes are also displayed here.



Cycle Buttons

Press the CYCLE buttons to select the desired cycle based on laundry types and conditions.

90°C (194°F)

Use it for the more medical wash than 75°C (167°F) such as white clothes, baby clothes, sheets and underwear.

75°C (167°F)

Use it for heavy soiled fabrics such as white clothes, baby clothes, sheet and underwear.

60°C (140°F)

Use it for heavy soiled fabrics such as baby wear, underwear and white clothes.

40°C (104°F) / 30°C (86°F)

Use it for normal soiled fabrics such as cotton, linen, towels, shirts and jeans.

Cold

Use for cold washing for sturdy fabrics, such as casual work.

Optional function button

Custom PGM: Customized cycle program can be used. Only available in OPL type.

Start/Pause button

The Start/Pause LED flashes when the full vend price has been satisfied and the cycle has been chosen.

Status LED

LED	Description
 Wash	LED flashes whenever the Washing cycle is in operation.
 Rinse	LED flashes whenever the Rinsing cycle is in operation.
 Spin	LED flashes whenever the Spinning cycle is in operation.
 Door Lock	LED flashes whenever the door lock is activated.
 Wi-Fi	LED flashes when the Wi-Fi is connecting. LED stays lit when the Wi-Fi is connected.

■ **Select cycles designed for different types of fabric and soil levels**

CYCLE	Fabric Type	Wash / Rinse Temp.
Hot	Cotton, Linon, Towels, Shirts, Sheets	Hot/Cold
Warm	Mixed Loads, Work Clothes, Jeans, Shirts	Warm/Cold
Cold	Dress Shirts/Pants, Wrinkle Free Clothing, Poly/Cotton Blend Clothing, Tablecloths.	Cold/Cold
Delicates	Dress Shirts/Blouses, Nylons, Sheer or Lacy Garment	Cold/Cold

Add super wash

- Adds an additional 3 minutes of washing time and an extra rinse.

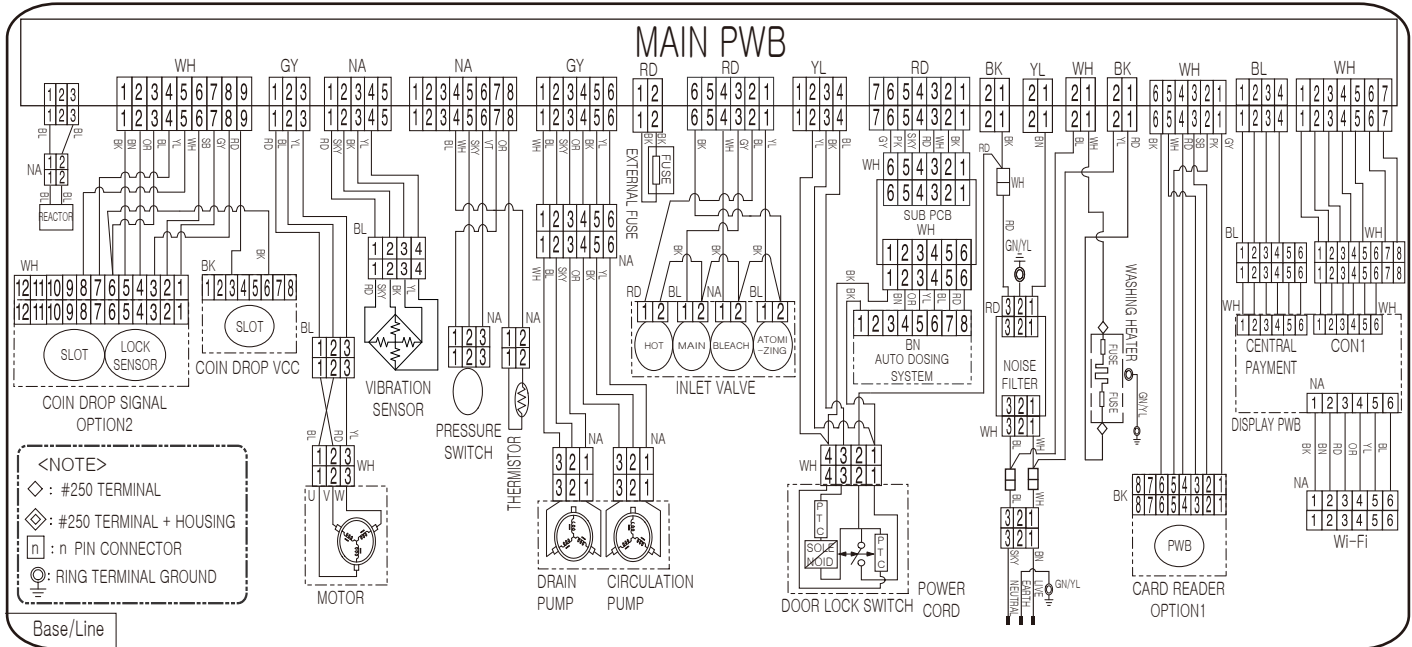
Custom PGM

- Customized cycle program can be used. Only available in OPL type.

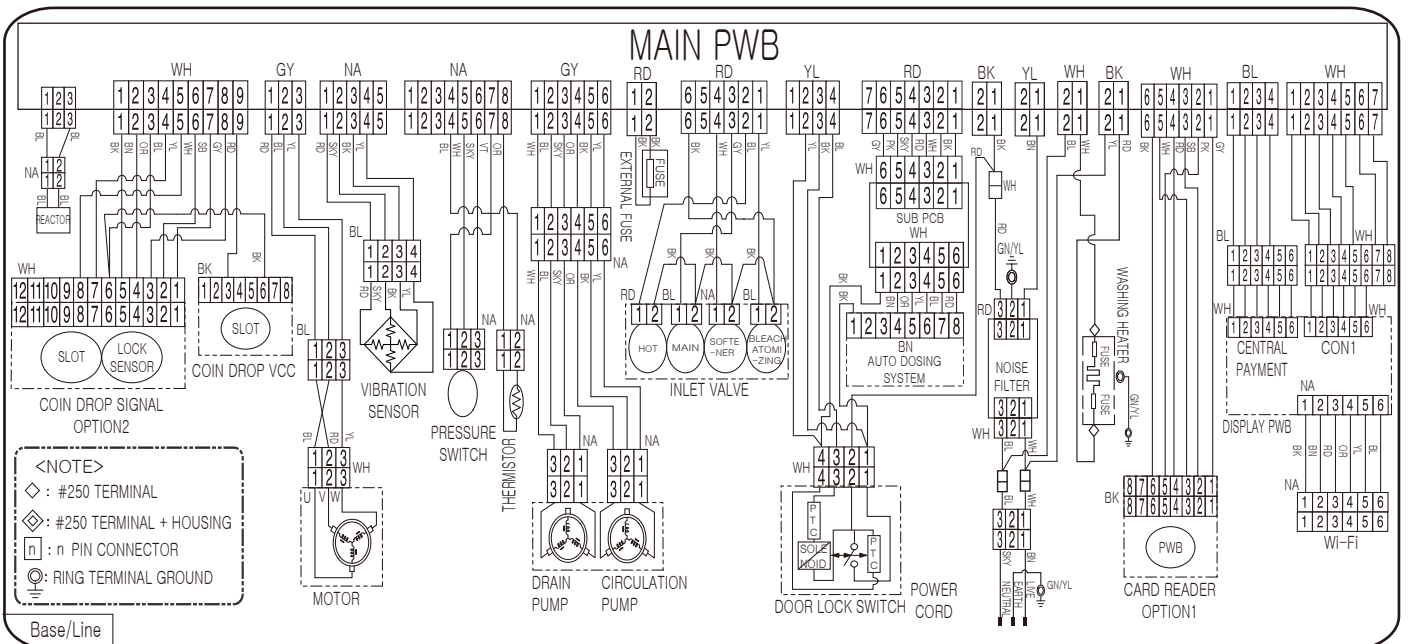
7. WIRING DIAGRAM/PROGRAM CHART/PCB LAYOUT

■ Wiring Diagram

Single type: FH0C7FD3MS
FH0C7FD4MS



Stack type : FH0C7FDMS
FH0C7FD2MS

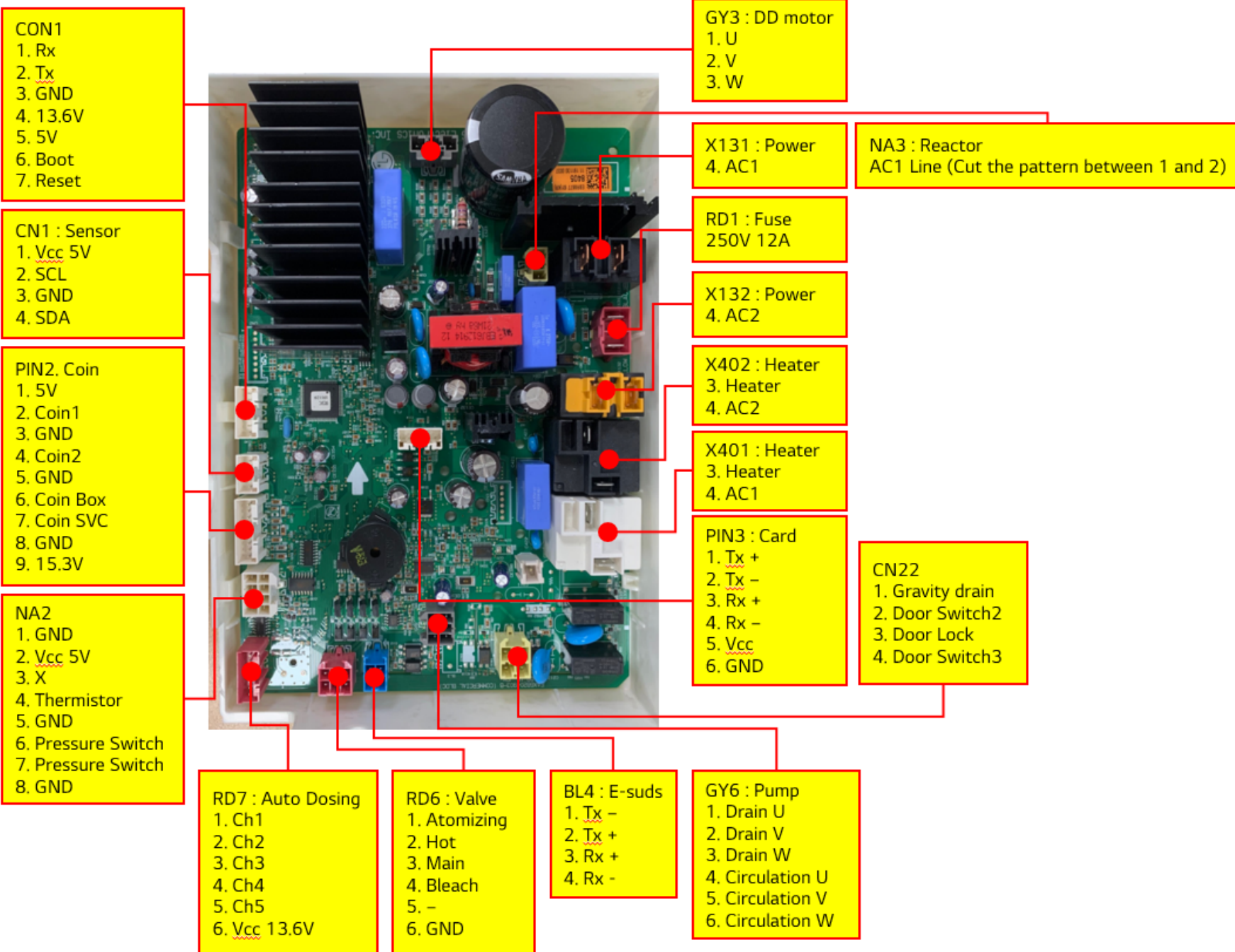


Program Chart

코스		PREWASH (A + B + C)			WASH (D + E)		RINSE ((G + H + I + J + K + L) × n)							SPIN (탈수 시간 = M + N + O + P)									
		(A) Water supply	(B) Tumble	(C) Drain	(D) Water supply	(E) Tumble (CCCC + Default)		(G) Drain	(H) Intermittent Spin	(I) Non-stop wash		(J) Wave Force	(K) Water supply (High, middle / Low)	(L) Tumble (rt - G - H - J)	(M) Drain	(N) Intermittent Spin	(O) Spin						(P) Disentangle
						CCCC	Default			X	O						0	1	2	3	4	5	
Heater	90℃	1	2 ~ 4	1	3 / 2	0 ~ 30	38	1	3	0	1	0	3 / 2	1~9 / 2~10	1	3	6	6	6	6	6	6	1
	75℃						23																
	60℃						8																
	40/30℃						0 (If CCCC is less than 8, fix 8)																
	Cold						8			3													
	Tub Clean	-				30			0				3			5							

■ PCB Layout (Main)

EBR86778410



8. TROUBLESHOOTING

8-1. BEFORE PERFORMING SERVICE

- Be careful of electric shock when disconnecting parts while troubleshooting.
- The voltage of each terminal is 220V- when the unit is plugged in.

8-2. QC TEST MODE.

The washer must be empty.

How to enter Programming mode:

- Coin type – Turn on/off toggle switch.
- Card type – Insert the service card.
- All types –

- 1) Press the 1st & 3rd button at the same time. **0000**
- 2) Press the 2nd & 3rd buttons to toggle numbers.

Then, press the 4th button to move to the next digit. **0000**

- 3) Press the Start button to finish password input. **0000**

※ Default Password : 3000

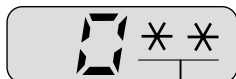
<Control Panel Button>

1st		90°C (194°F)
2nd		75°C (167°F)
3rd		60°C (140°F)
4th		40°C (104°F) *30°C (86°F)
5th		Cold Froid Frio *Custom PGM
Start		Start / Pause Départ / Pause Inicio / Pausa

Number of times the Start button is pressed	Check point	Display
0	Enter SVC mode	0000
1	Turns on all lamps and locks the door	Displays 0000
2	Tumble clockwise	rpm (40~50)
3	Low speed spin	rpm (600)
4	High speed spin	rpm (1200)
5	Inlet valve for main water turns on	Water level frequency (255~)
6	Inlet valve for hot water turns on	Water level frequency (255~)
7	Inlet valve for atomizing turns on (Single model) Inlet valve for softener turns on (Stack model)	Water level frequency (255~)
8	Inlet valve for bleach turns on (Single model) Inlet valve for atomizing/bleach turns on (Stack model)	Water level frequency (255~)
9	Tumble counter clockwise	rpm (40~50)
10	Heater turns on	Displays water temperature
11	Circulation pump turns on	Water level frequency (255~)
12	Drain pump turns on	Water level frequency (255~)
13	All lamps turn on	Display 0000 , 1U:XX, 1g:XX, 12:XX, 1C:XX alternately (Version)
14	Button check	
15	High speed spin	rpm (1200)
16	PDA signal check	0000 this function is not applied in this machine
17		0000

8-3. HOW TO CHECK THE WATER LEVEL FREQUENCY

- Press and hold the ADD SUPER WASH+Delicate and WARM buttons simultaneously.



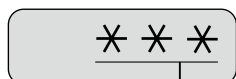
When you check the water level, the first digit is a 0 which means 2.

A display indicating 041 is a water level frequency of 241 multiplied by 0.1 KHz, for an

- actual frequency of 241 KHz.

8-4. HOW TO CHECK THE RPM

- Press the ADD SUPER WASH AND HOT button simultaneously.



Under 200 rpm: The display indicates the rpm. (Under 200 rpm)

Over 200 rpm: The display indicates the rpm. (x 10 rpm)

- So, for example a display indicating 050 : rpm of 050 x 10 rpm = 500rpm

8-5. ERROR DISPLAY

- If you press the START button when an error is displayed, any error except **PE** will disappear and the machine will go into the pause status.

	ERROR	SYMPTOM	CAUSE
1	WATER INLET ERROR		• Correct water level (246) is not reached within 10 minutes after water is supplied or it does not reach the preset water level within 12 minutes.
2	IMBALANCE ERROR		• The load is too small. • The appliance is tilted. • Laundry is gathered to one side. • Non distributable things are put into the drum.
3	DRAIN ERROR		• Not fully drained within 3 minutes.
4	OVER FLOW ERROR		• Water is overflowing (water level frequency is over 213). ※ If  is displayed, the drain pump will operate to drain the water automatically.
5	PRESSURE SENSOR ERROR		• The SENSOR SWITCH ASSEMBLY is out of order.
6	DOOR OPEN ERROR		• Is the door opened or not completely closed?
			• Door lock is broken.

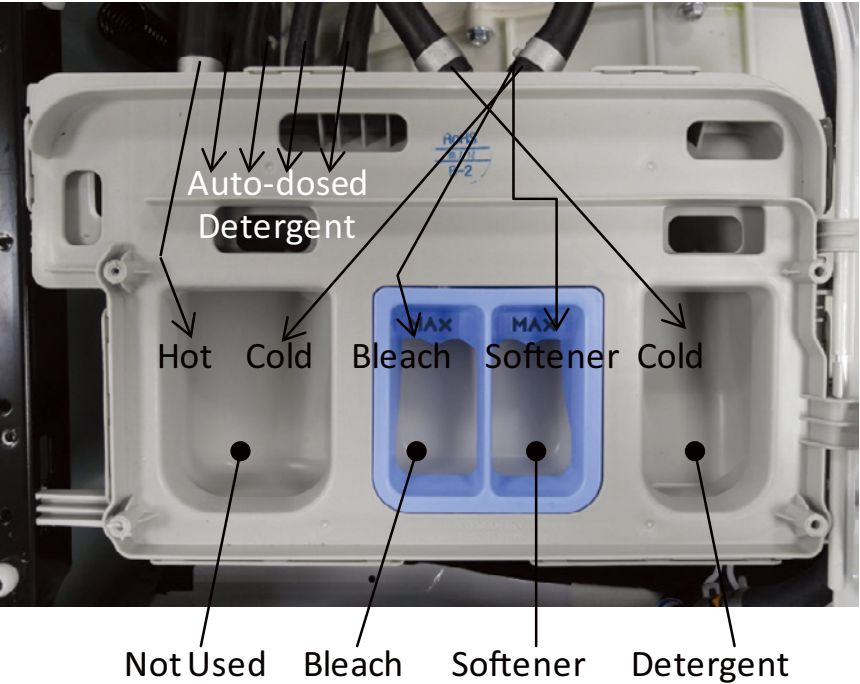
	ERROR	SYMPTOM	CAUSE
7	LOCKED MOTOR ERROR		• The connector (3-pin, male, blue) in the MOTOR HARNESS is not connected to the connector (3-pin, female, white) of STATOR ASSEMBLY. • The electric contact between the MOTOR HARNESS and the MAIN PWB ASSEMBLY is bad or unstable. • The MOTOR HARNESS between the STATOR ASSEMBLY and MAIN PWB ASSEMBLY is cut (open circuit).
8	EEPROM ERROR		• EEPROM is out of order. ※ Displayed only when the START button is first pressed in the QC Test Mode.
9	CARD READER ERROR		• Disconnection of Card Reader Wire.
10	Thermistor ERROR		• Thermistor is opened or shorted.
11	VIBRATION SENSOR ERROR		• Vibration sensor is disconnected or broken.
12			• Load is out of balance or vibration sensor is broken.
13	Wi-Fi ERROR		• Wi-Fi module is disconnected or broken.
14			• No Wi-Fi signal or is not registered with machine.

8-6. DISPENSER

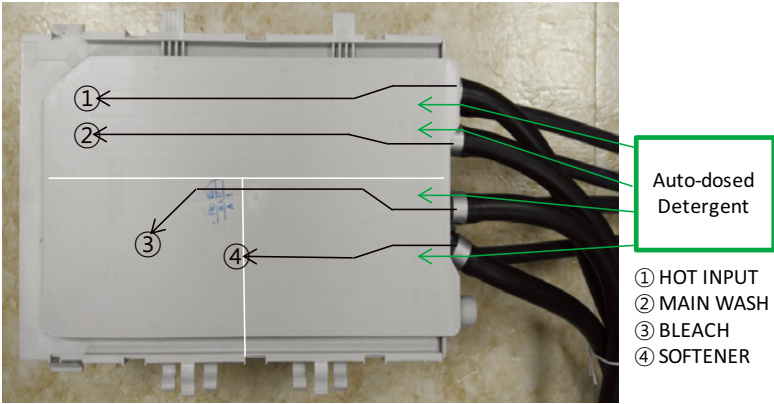
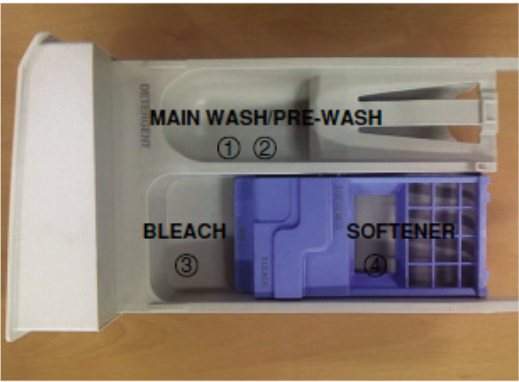
The dispenser drawer is a multi-chambered reservoir that allows the user to add all the appropriate laundry additives before starting the cycle. It has a place for pre-wash and Main wash detergent, fabric softener, and bleach. Powdered or liquid detergents may be use, but softener and bleach must be liquids.

Detergents should carry the HE designation. Do not use regular detergents in the washer or overusing will occur. Regular detergents also cause a scum build-up in the tub, which leads to poor performance and a foul odor.

-Single model-



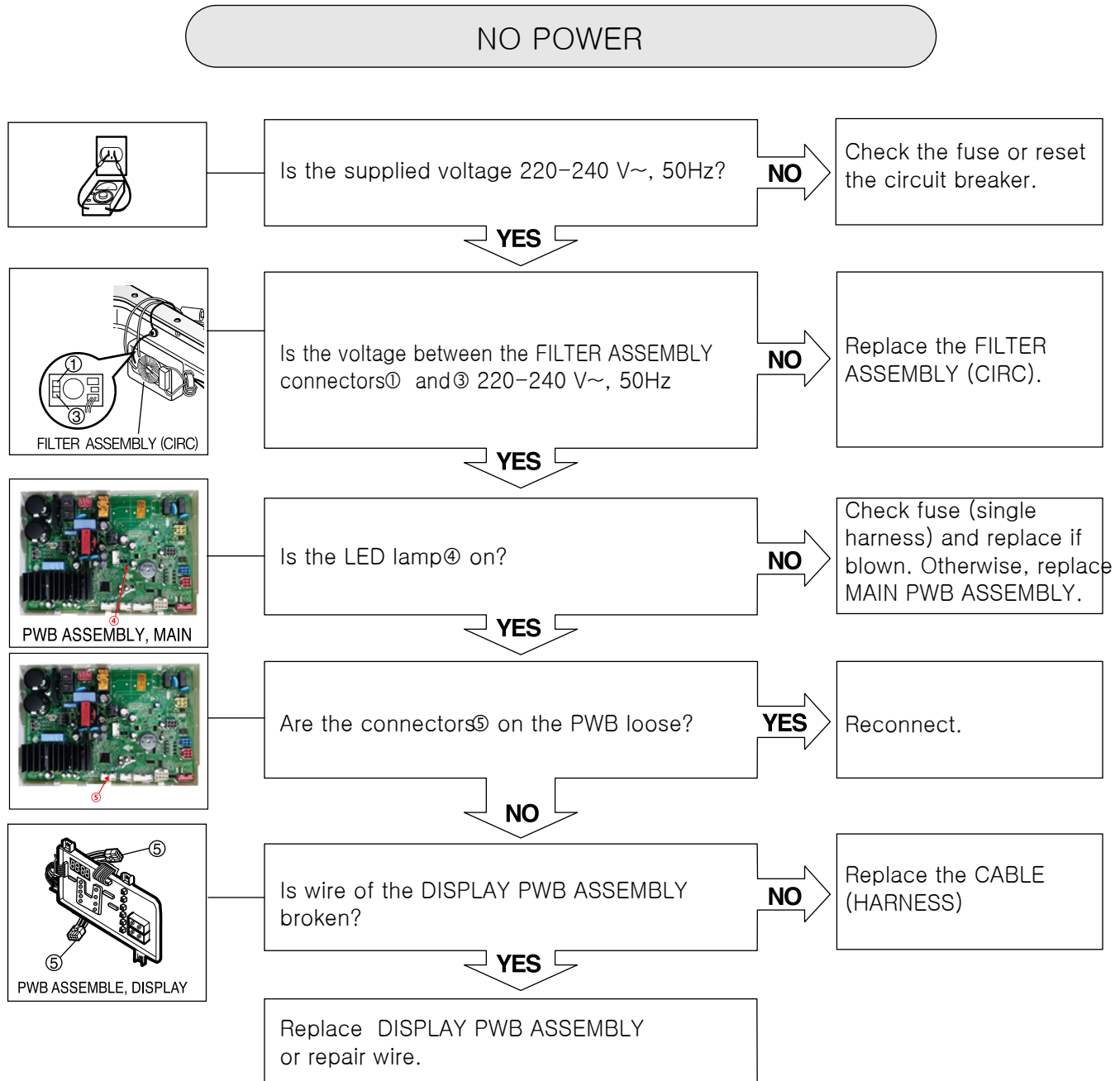
-Stack model-



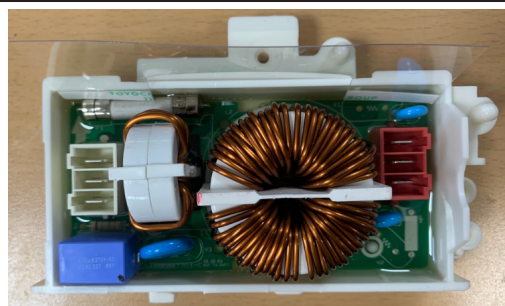
9. DIAGNOSIS AND TROUBLESHOOTING

⚠ WARNING

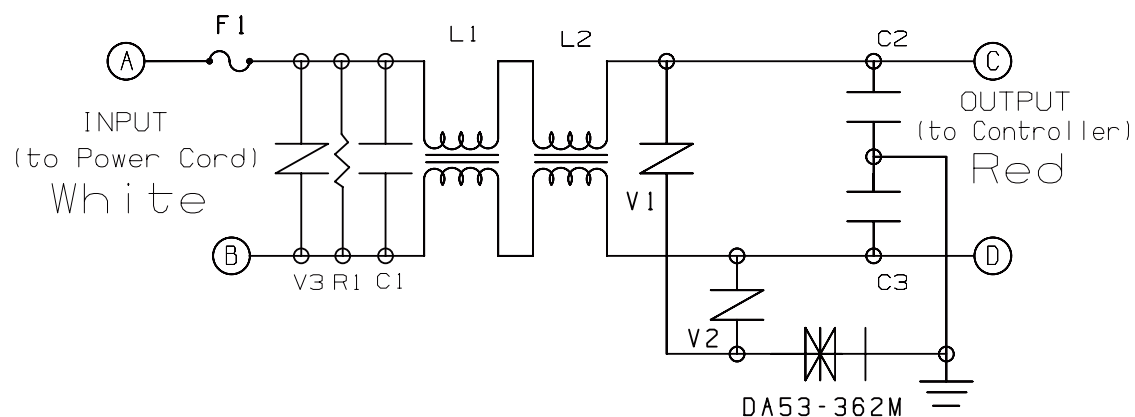
1. Be careful of electric shock if disconnecting parts while troubleshooting.
2. First, check the connection of each electrical terminal with the wiring diagram.
3. If you replace the MAIN PWB ASSEMBLY, reinsert the connectors correctly.



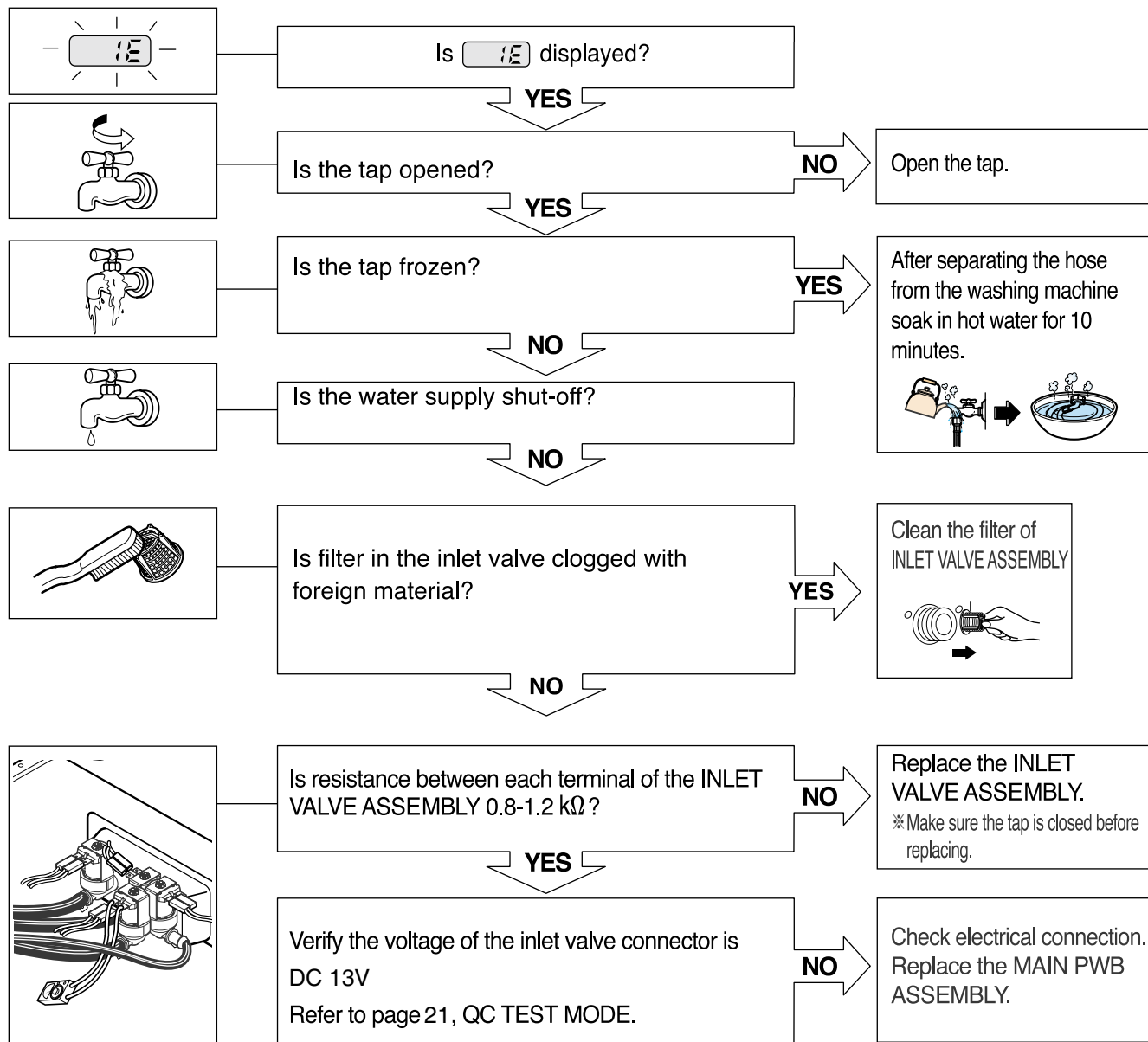
Symptom	Check Point
1. NO POWER	1.CheckElectric Wiring. 2.Check the customer's outlet. 3.Check Noise Filter. 4.Check LED on in Main PWB 5.Check External Fuse (Single Harness)



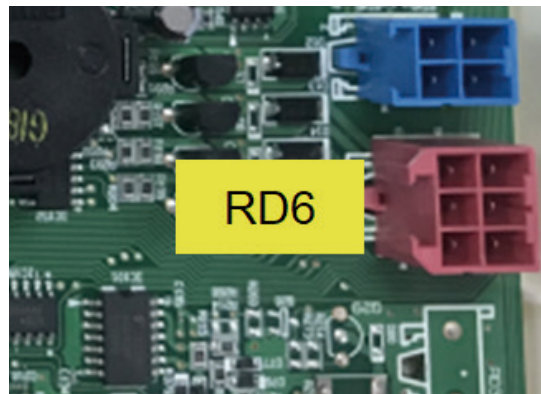
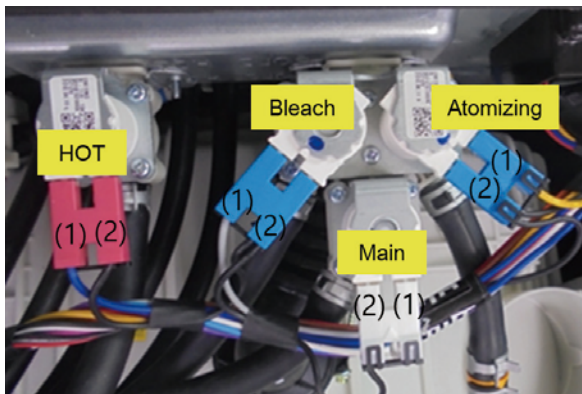
Circuit in the MAIN PWB / Wiring Diagram



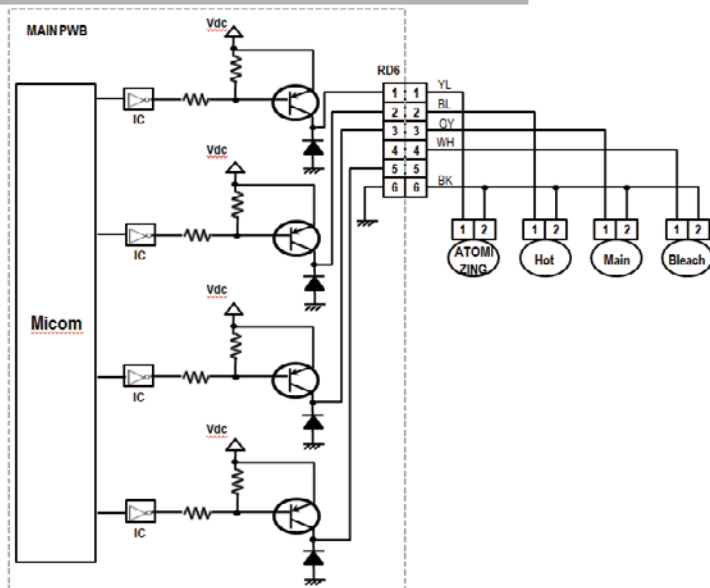
IE ERROR (NO WATER SUPPLY)



Symptom	Check Point
1. INLET VALVE ERROR	1.Check Electric Wiring. 2.Check Inlet valve's Resistance. 3.Check Inlet valve clogged. 4. Voltage of the inlet valve's connector. -. Valve running : 13~15Vdc

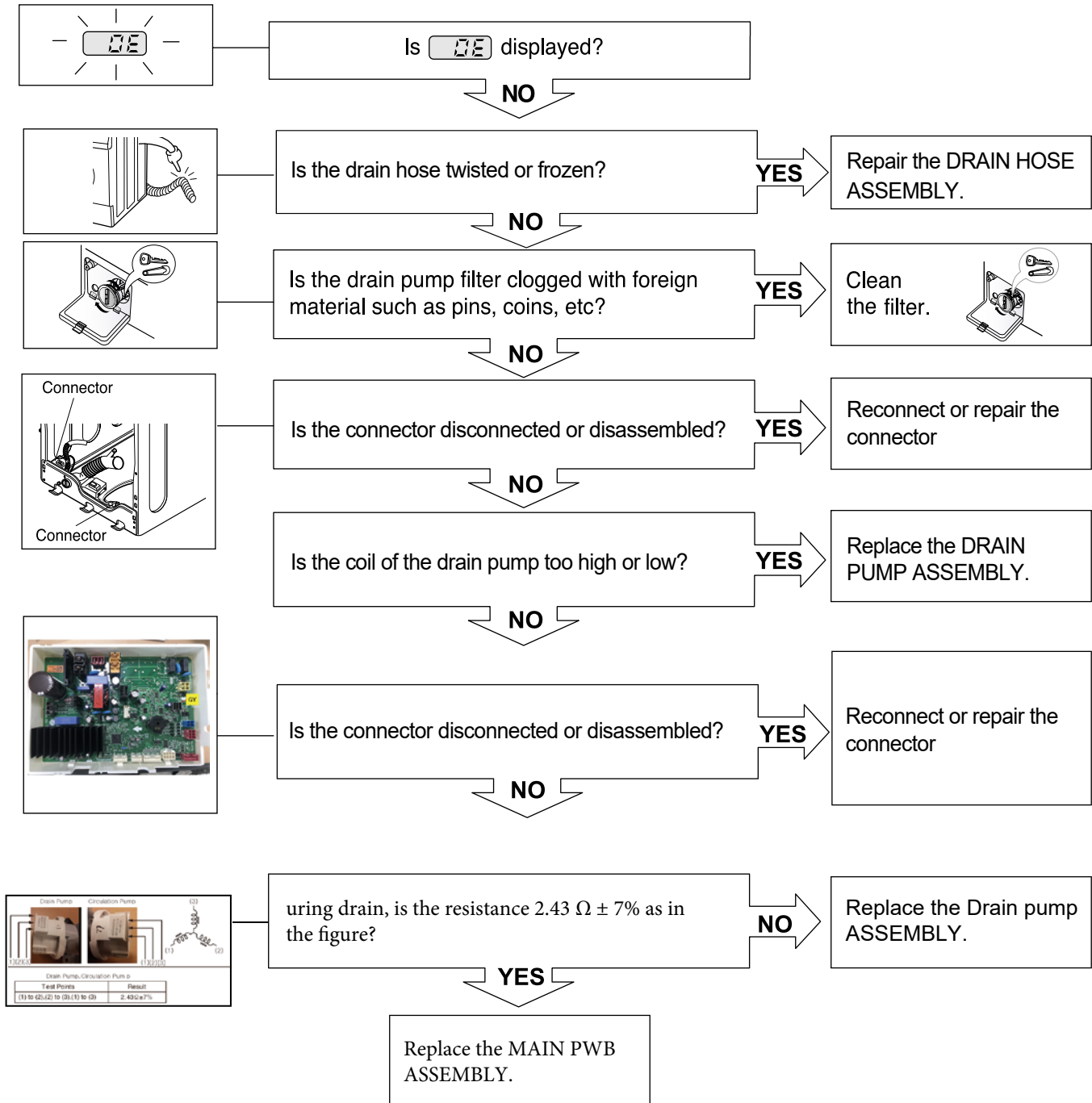


Circuit in the MAIN PWB / Wiring Diagram

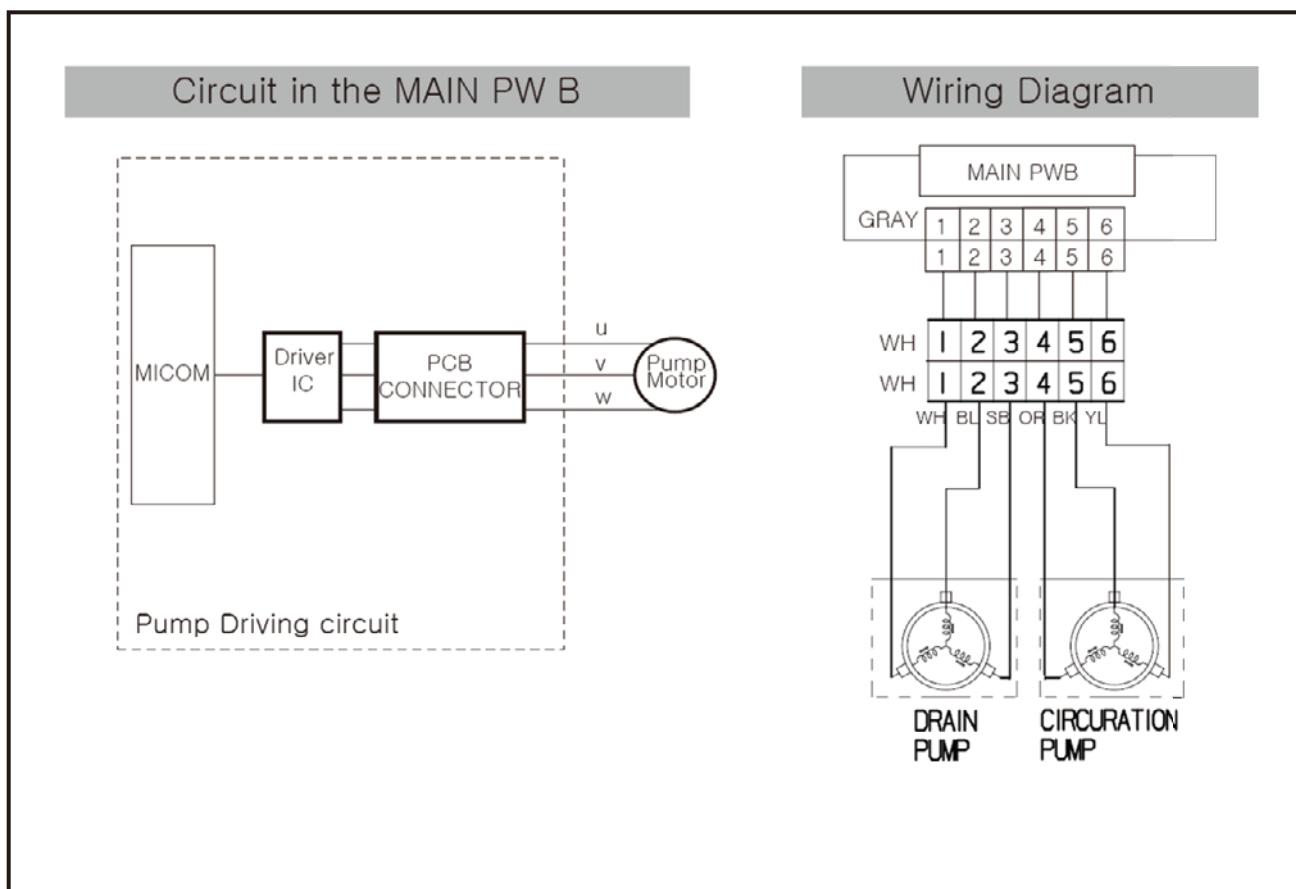
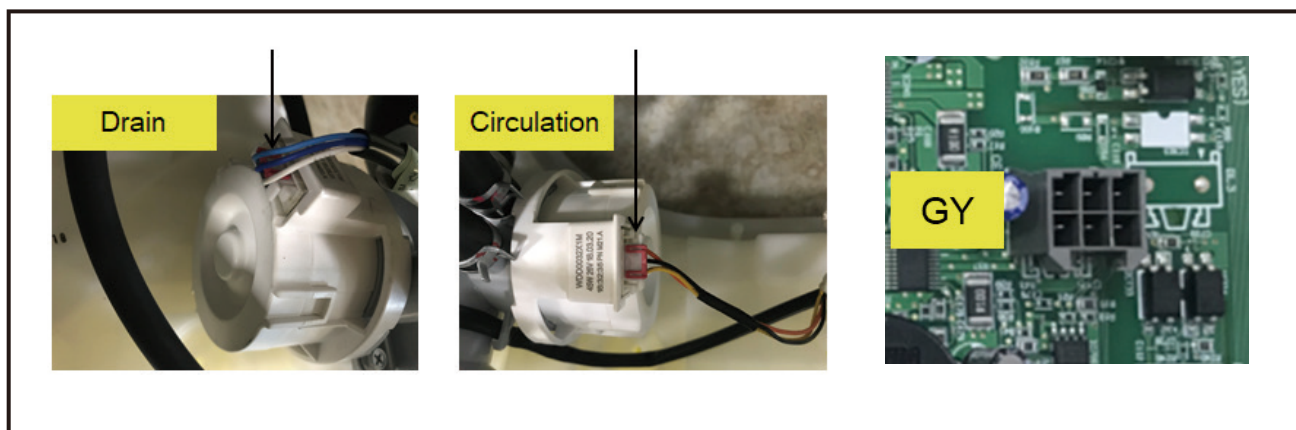


Inlet Valve	Main PWB	Resistance [k Ω]
Hot (1) ~ (2)	RD6 2 nd ~ RD6 6 th	0.8 ~ 1.2
Main (1) ~ (2)	RD6 3 rd ~ RD6 6 th	0.8 ~ 1.2
Bleach (1) ~ (2)	RD6 4 th ~ RD6 6 th	0.8 ~ 1.2
Atomizing (1) ~ (2)	RD6 1 st ~ RD6 6 th	0.8 ~ 1.2

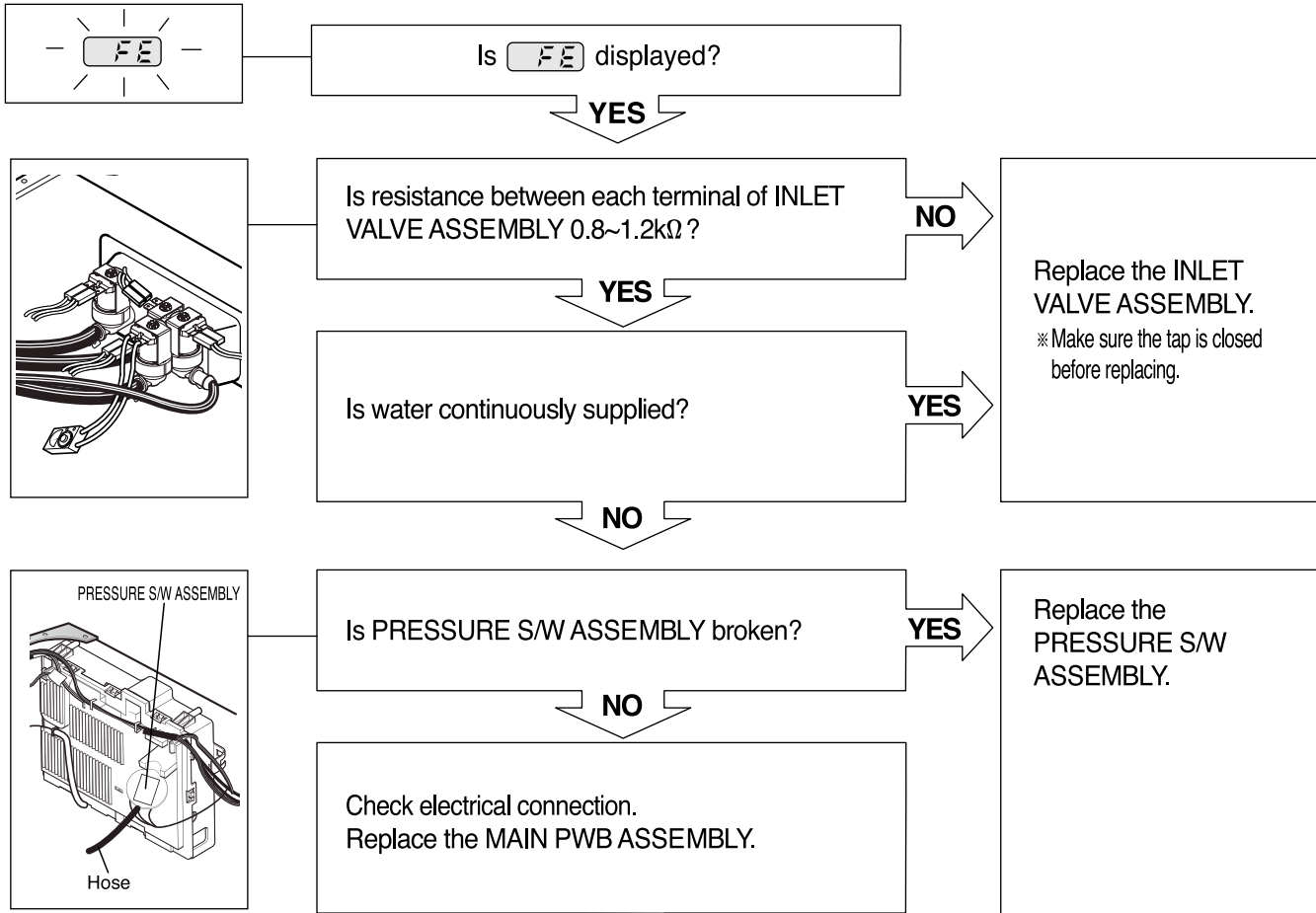
OE ERROR (DRAIN TROUBLE)



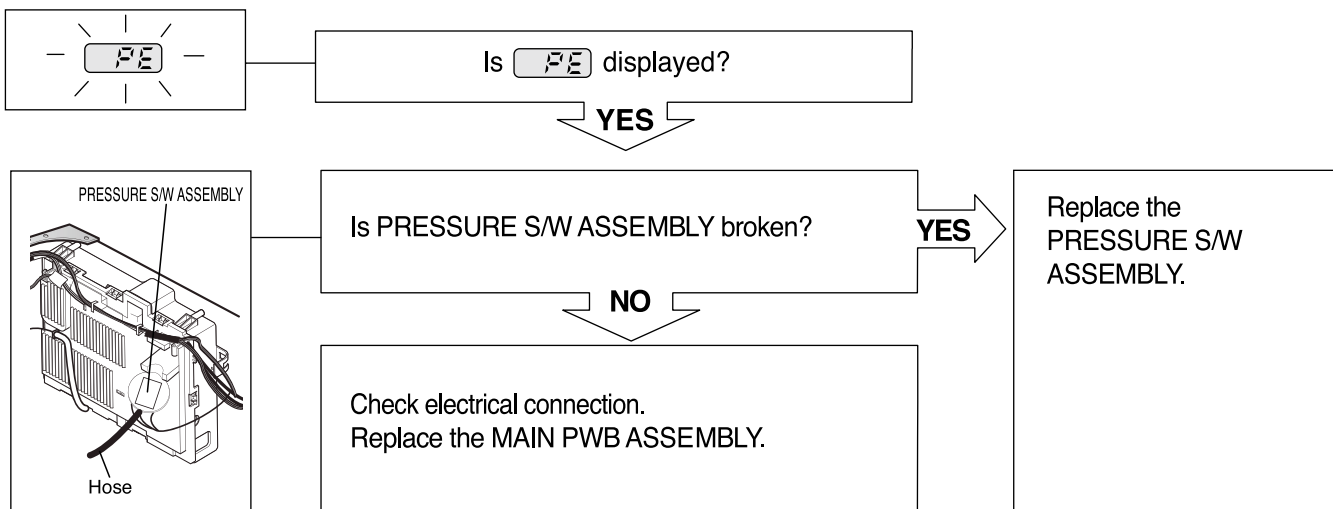
Symptom	Check Point
1. Drain Error (OE)	1.Check Electric Wiring. 2.Check drain pump Resistance. 3.Check drain line clogged.



FE ERROR

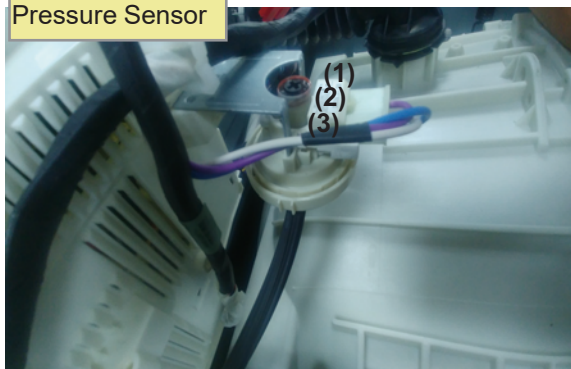


PE ERROR (PRESSURE S/W TROUBLE)

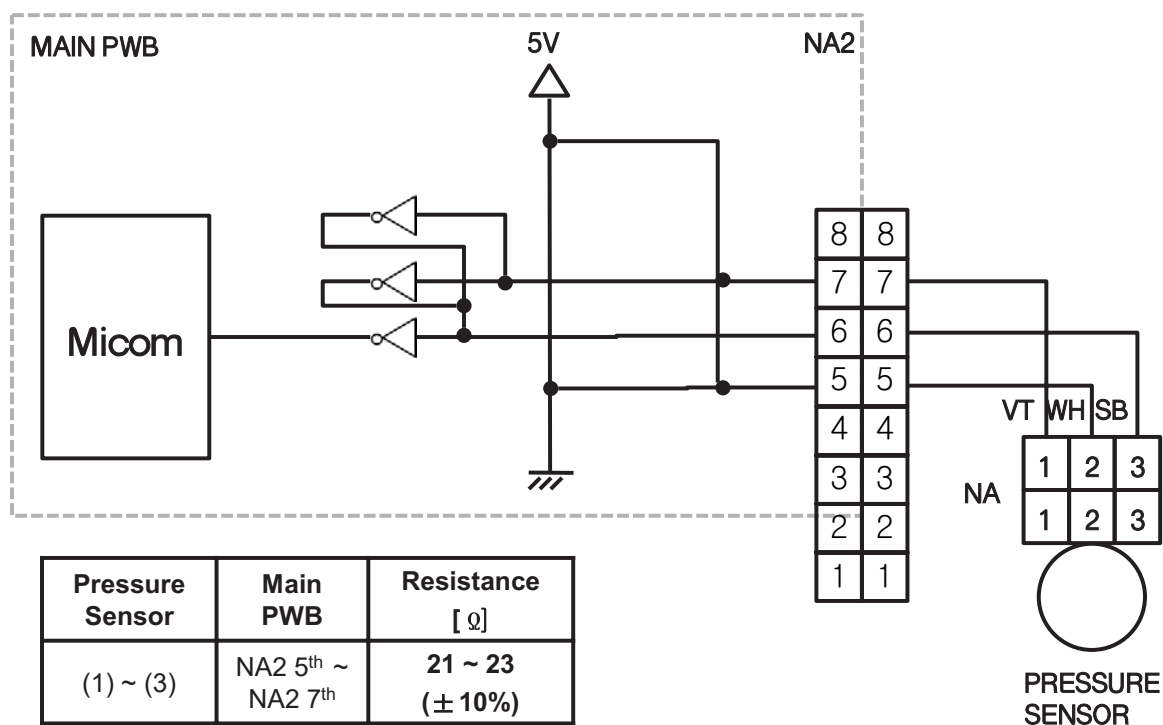


Symptom	Check Point
1. PRESSURE SENSOR ERROR (PE)	1.Check Electric Wiring. 2.Check Pressure sensor's Resistance. 3.Check Air chamber and Tube clogged.

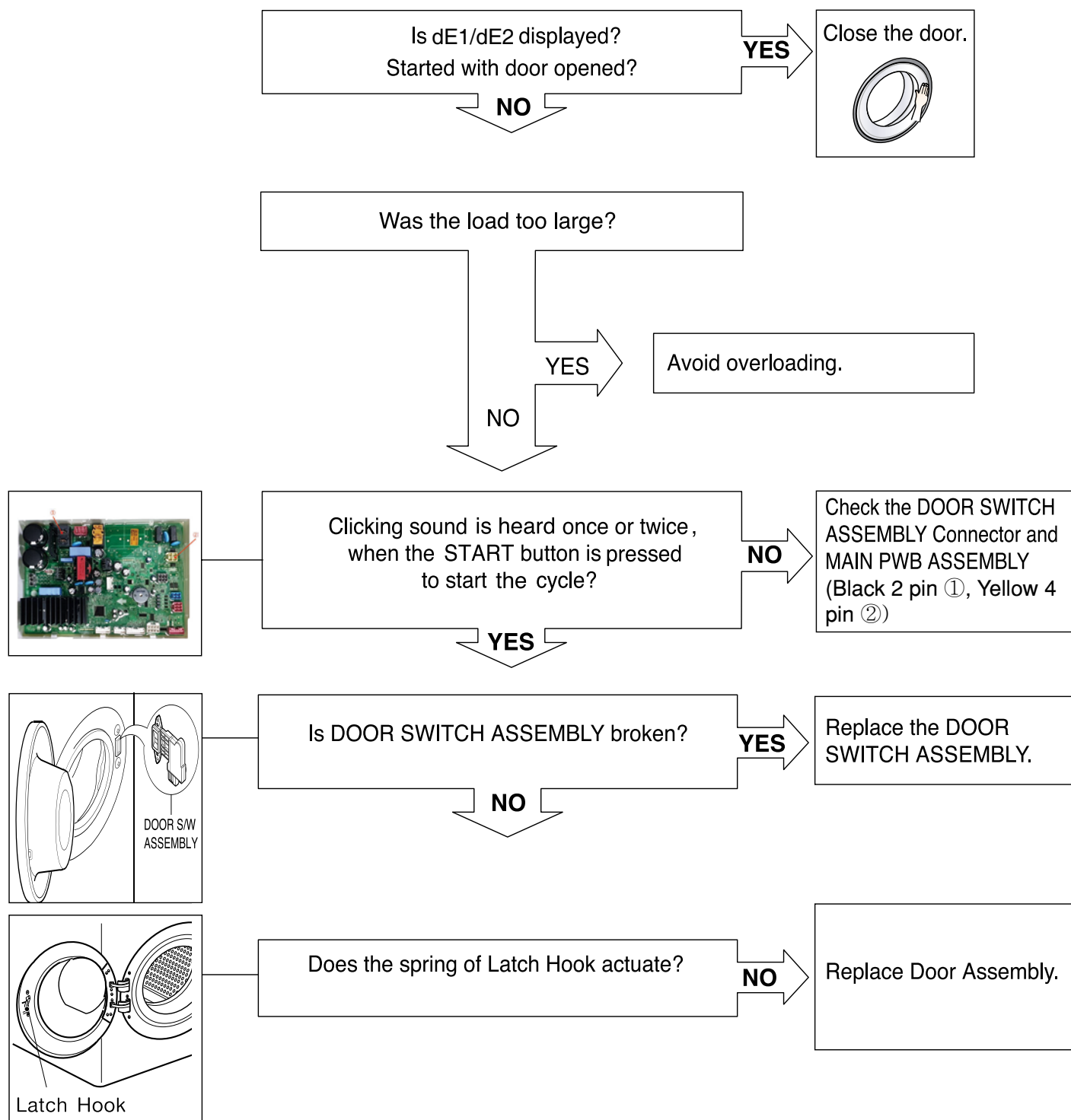
Pressure Sensor



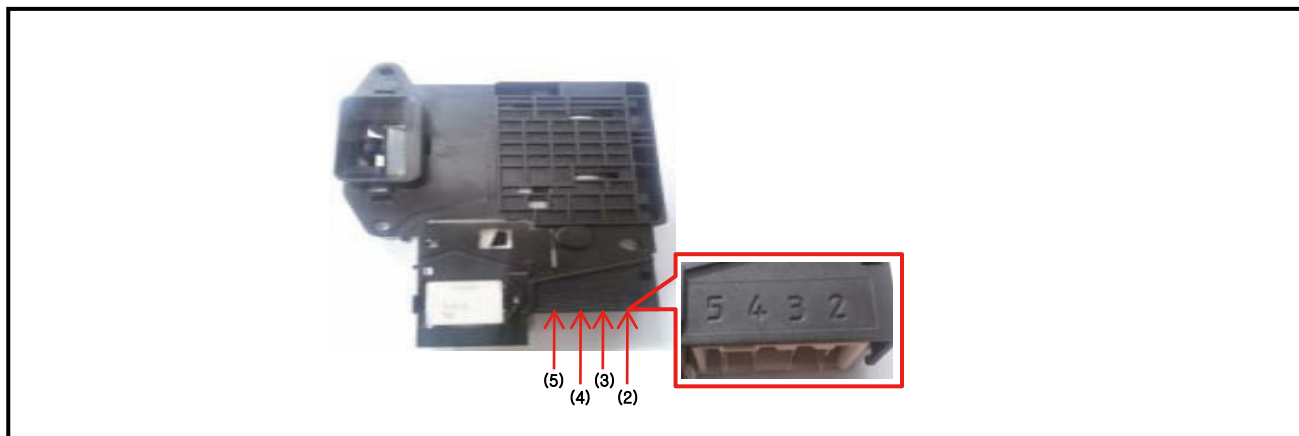
Circuit in the MAIN PWB / Wiring Diagram



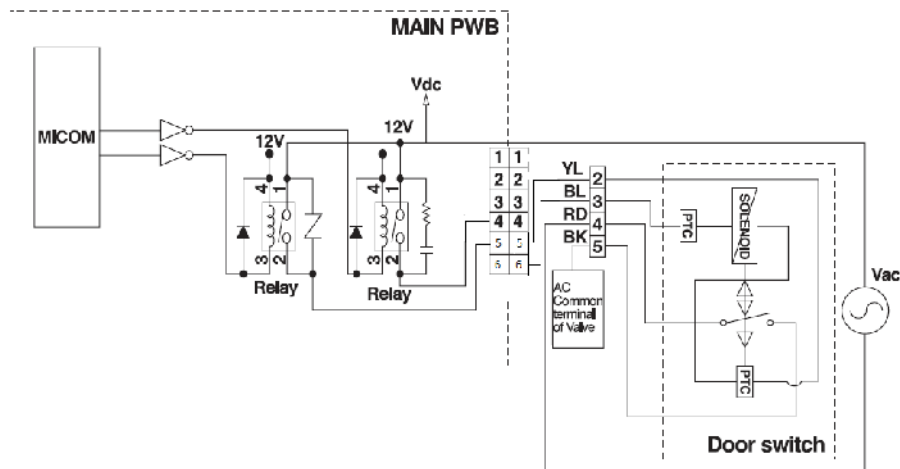
dE1/dE2 ERROR (DOOR ERROR)



Symptom	Check Point
1. DOOR OPEN ERROR (dE)	1.Check Electric Wiring. 2.Check latch hookspring. (Cracked) 3.Check Door switch's Resistance 4.Check Voltage of Door switch's connector.

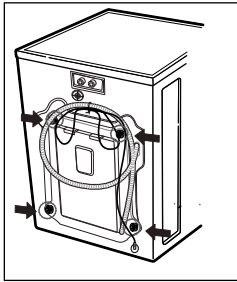


Circuit in the MAIN PWB / Wiring Diagram



Door switch (Type1)	Result	Remarks	Door switch (Type2)	Result	Remarks
(2) ~ (4)	700~1500Ω	At 77°F (25℃)	(2) ~ (4)	700~1500Ω	At 77°F (25℃)
(3) ~ (4)	65~85Ω	At 77°F (25℃)	(3) ~ (4)	90~120Ω	At 77°F (25℃) With Latch
(4) ~ (5)	Infinity			Infinity	Without Latch
(2) ~ (4)	220 Vac	Voltage Input	(4) ~ (5)	Infinity	
			(2) ~ (4)	220 Vac	Voltage Input

VIBRATION & NOISE IN SPIN



Have all the transit bolts and base packing been removed?

NO

Remove the transit bolts and Base packing.

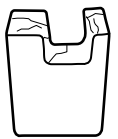
YES

Is the washer installed on a solidly constructed floor?

NO

Move the washer or reinforce the floor.

YES



Base Packing

Check if the washer is perfectly level as follows:

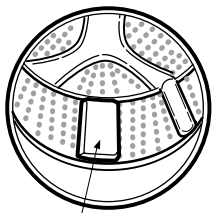
Level



Check the leveling of the washer with a level and check that the washer is stable.

Put an unbalance part (rubber) inside of drum and start QC test mode and run in high spin

When the machine is spinning in high speed, verify that it is stable.



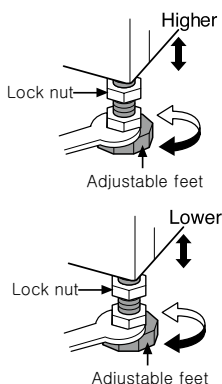
Unbalance Part

If you do not have the unbalance part, put 4.5 to 6.5 lbs (2 to 3 kg) of clothing.

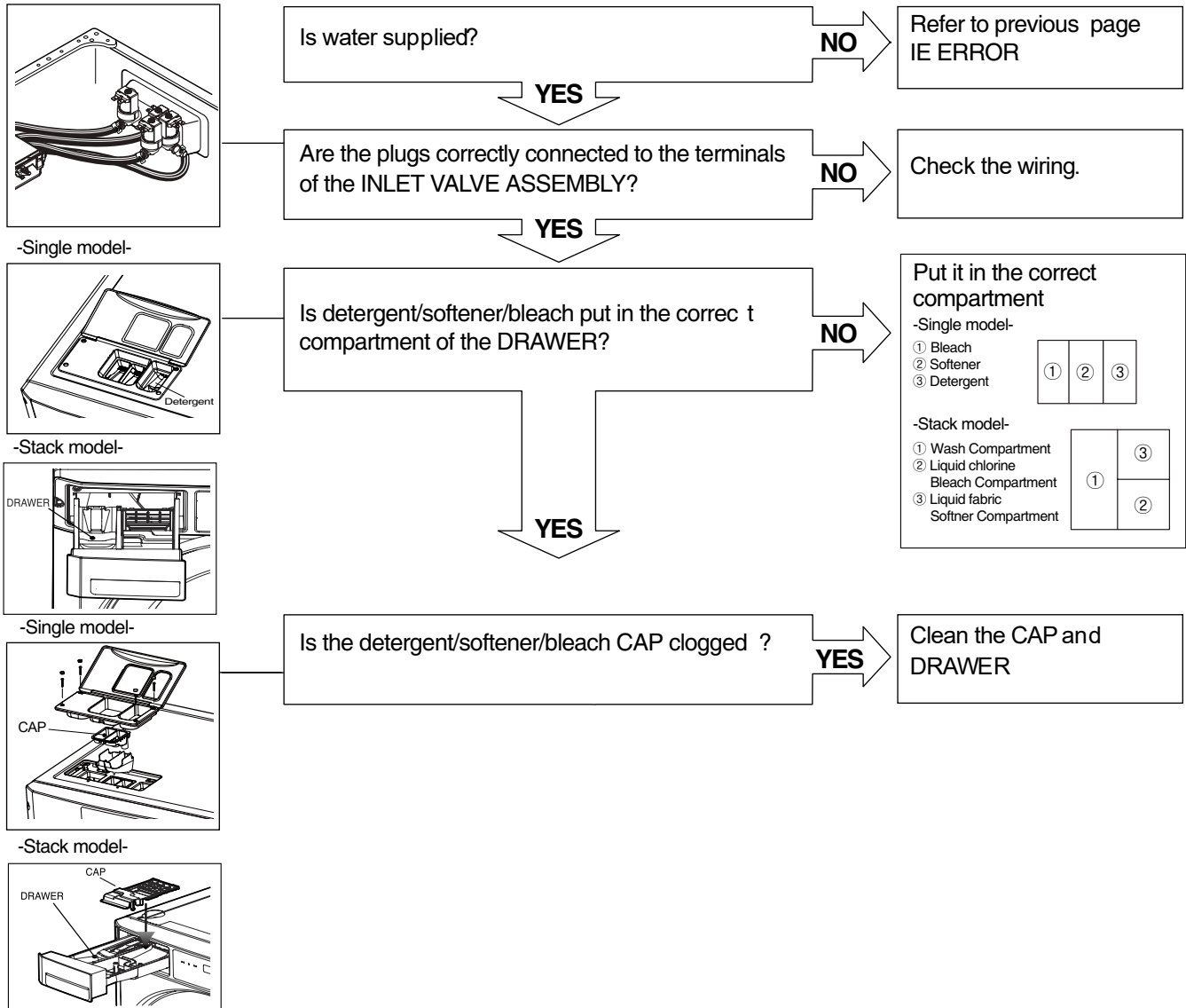
When the machine is spinning at high speed, verify that it is stable.

YES

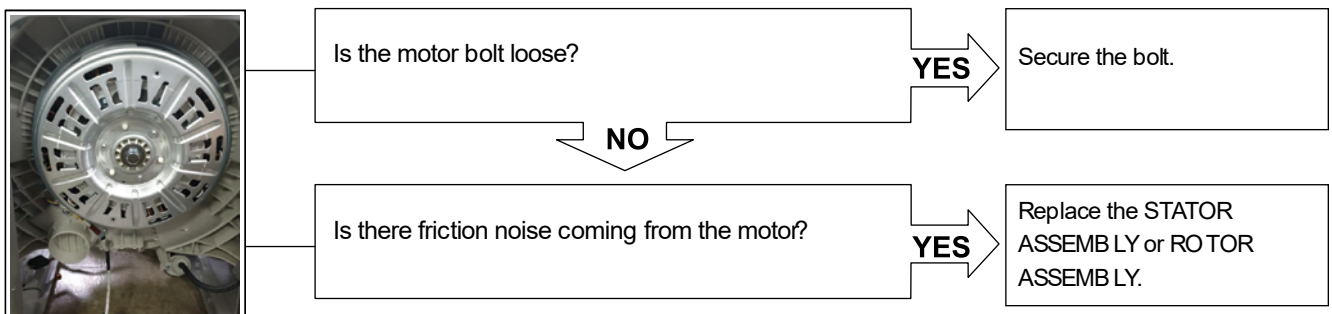
If it is not stable, adjust feet accordingly. After the washer is level, tighten the lock nuts up against of the base of the washer. All lock nuts must be tightened.



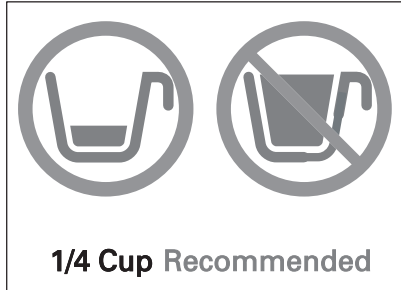
DETERGENT/SOFTENER/BLEACH DOES NOT FLOW IN



ABNORMAL SOUND



SUDS OVERFLOW FROM THE APPLIANCE



Is HE(High Efficiency) detergent used?

YES

Is the proper amount of detergent used as recommended?

YES

Recommend to reduce the amount of detergent



- * This appliance has an automatic suds sensing function which prevents overflow.
- * When excessive suds are sensed, the suds removing implementations such as drain, water input, and pause will operate, without rotating the drum

WATER OVERFLOW FROM THE DRAWER OR DISPENSER

Is sheet detergent used ?

YES

Is the sheet detergent in dispenser?

YES

1. Remove the sheet detergent from the dispenser
2. Clean the dispenser

Cleaning the Dispenser

- * The dispenser should be cleaned periodically to remove buildup from detergent and other laundry products.
- * Do not add 'fabric sheet softener' into the dispenser.

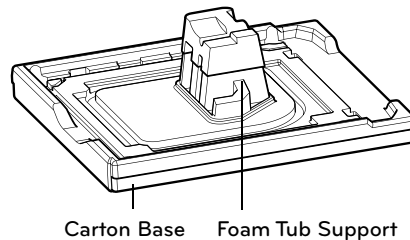
Packing Material Removal

Checkpoint. Has the packing material been removed?

Make sure the tub support and all four shipping bolts have been removed.

This packing material helps to support the outer tub during transit, so that it does not shift.

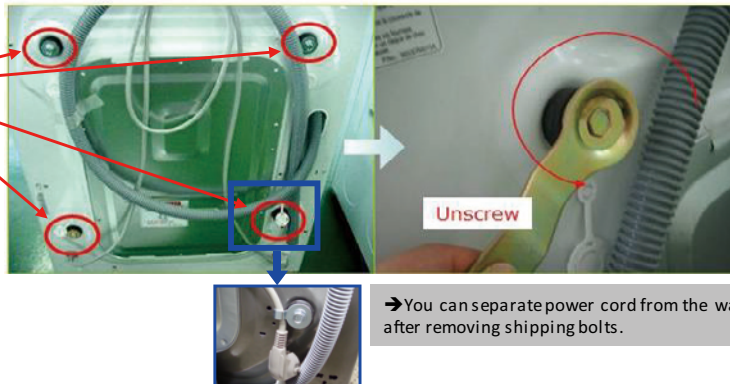
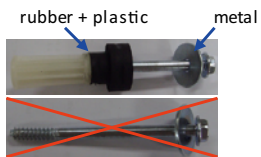
If not removed, the inner drum will turn, but the outer tub will not be able to shift as needed.



4 Shipping bolts



- Shipping bolts are made of two parts. One is 'rubber + plastic' and the other is 'metal'.
- All parts must be removed from the washer!!



→ You can separate power cord from the washer after removing shipping bolts.

Leveling

Is the unit leveled?

If the unit is not leveled properly, it will vibrate.
Many vibration issues are the result of the unit not being leveled properly.

To check the leveling:

1. Perform a diagonal test. Push down on each corner of the unit.



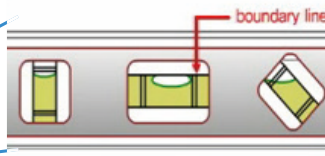
How to perform a diagonal test:



Place your right hand on the back-right corner and your left hand on the front-left corner of the unit, then attempt to rock the unit from corner to corner. Then, move your right hand to the front-right side and your left hand to the back-left corner and attempt to rock the unit from corner to corner.

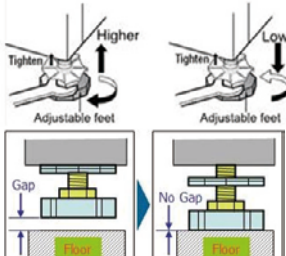
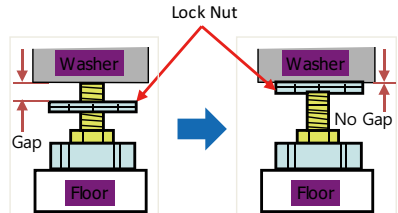
If the unit is level, it will not rock. However, if the unit is not level, it will rock. If the unit rocks, it will be necessary to adjust the leveling feet of the unit. Adjust the foot under the hand that is on the front of the machine.

2. Use a bubble level and make sure unit is leveled from left to right, front to back, and diagonally.



Check the horizontality with a level.
Second line is boundary line.

Adjusting legs

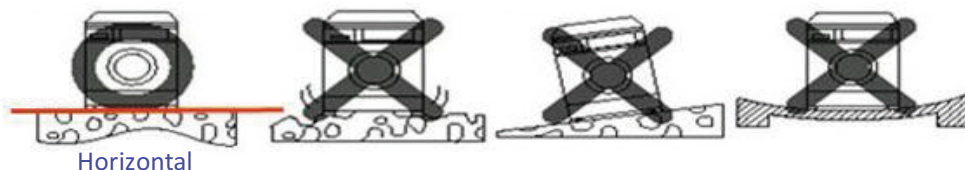
1 Perform the diagonal test 1. Attempt to rock the unit from corner to corner. 2. Check the unit is rocked or not. If the unit is not level, it will rock.  ※ Test direction Right Front – Left Rear Left Front – Right Rear	2 Adjust Legs for leveling If the unit is not level, use the wrench to adjust the legs at the front of the unit.  Wrench 17mm	3 Perform the load test in Rinse+Spin 1. Put about 2~3kg (4~6lb) clothes in the drum after leveling. 2. Perform a Rinse + Spin course. 3. Watch the vibration of the unit when it reaches the high spin speed 4. If the unit is vibrating a lot, make small adjustments to the legs until they subside. ※ Don't overturn legs as this could result in the unit becoming even more unlevelled.
4 Tighten the lock nuts Once the unit is leveled, tighten the lock nut against the base of the machine to lock the position of the leveling foot. 	5 Perform the diagonal test again Finally, check the unit is rocking or not. 	※ Conventional Leg  ※ New Leg  Lock Nut

Uneven Floors

Does the **floor vibrate** with the machine?

The unit requires a solid and horizontal floor for proper operation. Unit will generate vibrations if placed on RAISED / UNEVEN foundations .

It may be necessary to move the machine to a different area in the home or have a floor reinforced to properly support the operation of the unit.



How to check if this could be caused by the floor, rather than the machine

Place a glass of water on the floor about a foot or so out in front.

If it shakes, sloshes and vibrates, then the floor is causing the vibrations and not the unit.

If the floor is vibrating with the machine, the vibrations are not being caused by a problem with the machine, but rather by the floor. Because the drum spins in an up and down rotation there is more pressure put on the floor during the machine's operation. Because of this, it is necessary for the flooring to be secure enough to support the machine's operation.

If the unit is on a wooden floor (or tile floor with wooden subflooring) then vibrations are more likely to occur. This is because wood is a pliable surface. So when the unit goes into the spin cycle, spinning in an up and down rotation, the wooden floor absorbs the energy and carries it throughout the floor, even throughout the house.

To minimize or eliminate vibrations on wooden floors, it is necessary that the floors be reinforced to support the machine's operation.

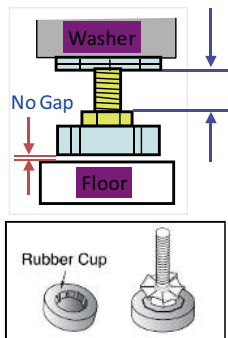
Adjusting legs

Foreign objects beneath the feet?

Do not place items under the feet to fill a gap between the foot of the unit and the floor. This will not resolve the issue and may make it worse.
Drip pans can cause the unit to slip in the pan and the pan to slip on the floor.
Use rubber cup for reducing the gap and adjust legs for leveling.



Gap less than 10mm (4")



Use rubber cup for reducing the gap and adjust legs for leveling



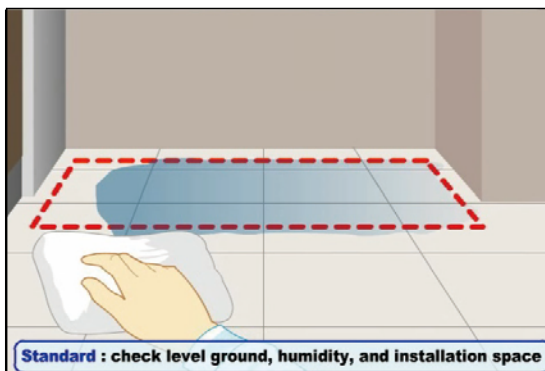
Adjusting legs

Vibration - Conditions Under Leg

Is the floor under the unit clean and slipless?

Make sure the floor is clean and dry to prevent the unit from slipping on the floor.
Anti-skid pads beneath the feet of the unit will help provide a grip for the unit and prevent slipping caused by smooth, slippery surfaces.

Clean and dry to prevent walking and vibrating.
Dust and oils make product walk and vibrate.



To prevent product walking,
Place the anti-skid pads under both front feet especially linoleum or tile covering floor.
Rubber caps are also an effective method of preventing product vibration and walking.

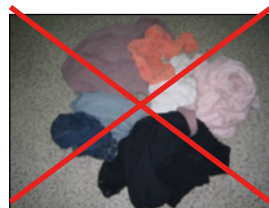
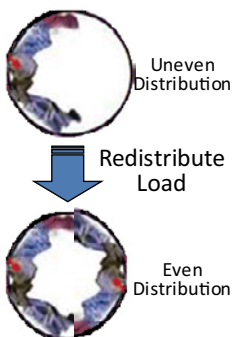


If the pedestal is installed, place the anti-skid pads under both front feet of pedestal.

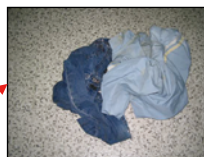
Unbalance(load)

How often does this occur?
What type of load?

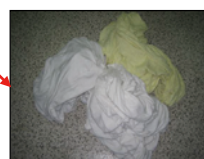
If the vibrations do not happen on every load, the load type or size is likely causing an unbalanced load. This happens if the weight is not evenly distributed across the drum surface, causing vibrations. Unbalanced loads can occur if the load is too small, contains large items such as blankets or sheets, or is a mixed fabric load.



Mixed load



Separate by fabric type and size



Sort Fabrics

Additional information about unbalance loads

Unbalanced loads will cause vibrations during the spin cycle.

Since the drum spins in an up and down rotation, proper balancing of the load inside the drum is very important for the drum to spin smoothly.

If the load is not evenly distributed across the drum surface, weight will be more in one area and less in the other.

So when it reaches the higher RPMs the drum will spin slightly out of alignment.

Try to distribute the load across the drum surface to reduce vibrations.

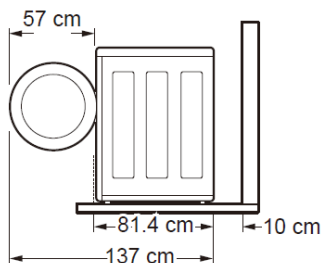
Removing items or adding more items to the load may be necessary to help distribute the load properly.

Required Clearance

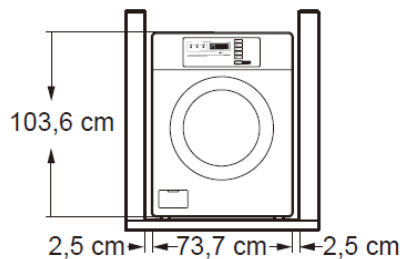
Are the required clearances being met?

If the required installation clearances are not met, something could be knocking against the side, back or top of the unit. This causes vibration. While it may vary, most units require 2cm on each side and 10cm at the back of the unit. Do not store items on top of unit, especially during operation.

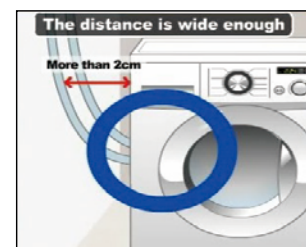
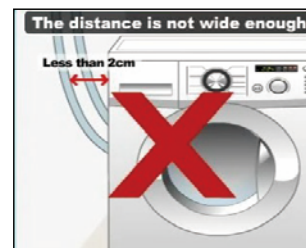
Side View



Front View



In case of Hose passes side



10. SMART FUNCTIONS

LG Laundry Lounge (Smart Solution)

Checking and choosing the proper location

This is the remote monitoring and control system. There are three components as follows.

- 1) LG Laundry Lounge Installer(App) : This is a registration app for installers used to register the product on the server. Only available for authorized users.
*Search for **LG Laundry Lounge Installer** in Google Play Store or Apple App Store.
- 2) LG Laundry Lounge(App) : This is an end-user app used to check real-time status of registered stores and products.
*Search for **LG Laundry Lounge** in Google Play Store or Apple App Store.
- 3) LG Laundry Lounge(Web) : This is an administrator website where you can remotely monitor and control registered locations and products. Please access the website address below. <https://cls.lgthinq.com>

How to register the product

- 1) Run the LG Laundry Lounge Installer application on a smartphone.
- 2) Create an account and Sign-in.
- 3) Add Location (Input information : Location Name, Address, E-mail, Phone Number)
 - A unique Location PIN number is generated after 'Add Location.'
This is used when the end-user registers the location. Share the Location PIN Number for the end-user.
 - You can check the Location PIN number under the location name (Six-digit number).
- 4) Add a Device
 - Shift the product to Soft Access Point (AP) mode. Press and hold the top three course buttons (see image below).



You will see **8888** on the machine display.
The device functions as an AP and sends out a wireless signal.

- Pairing the product to the App :
 - a) Android : Product will automatically pair with the App. Skip to the next step.
 - b) iOS : Turn on Wi-Fi settings, then connect to the product's network (shown below), If required, enter the following :

Network name	Password
Washer : LG_Smart_Laundry2_XXXX Dryer : LG_Smart_Dryer2_XXXX	Enter XXXX twice (Case -sensitive)

After connecting, return to the LG Laundry Lounge Installer App.

- The application shows the Wi-Fi network list. Select the Wi-Fi network you wish to use. If your network requires a key, enter the password and press the Connect button.
 - ※ 5GHz networks may not be supported.
 - ※ Make sure the Wi-Fi network name does not contain non-English or special characters.
- The application now works to connect the product and register it as a Wi-Fi product.
- When the connection is completed, the product goes to standby mode automatically.
- When the product registration is completed, you can see the product for the installation location.
 - ※ If you see Error next to the nickname of the product, please delete and re-register. Also, check the router signal strength.

SMART FUNCTIONS

Wireless LAN Module Specifications

Model	LCW-004
Frequency Range	2412 - 2462 MHz
Output Power (Max)	< 30 dBm

FCC Notice (For transmitter module contained in this product)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This device may not cause harmful interference and
- 2) This device must accept any interference received, including interference that may cause undesired operation of the device.

Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement

FCC RF Radiation Exposure Statement This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 cm (7.8 inches) between the antenna and your body. Users must follow the specific operating instructions for satisfying RF exposure compliance.

Industry Canada Statement (For transmitter module contained in this product)

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).

Operation is subject to the following two conditions:

- 1) This device may not cause interference.
- 2) This device must accept any interference, including interference that may cause undesired operation of the device.

IC Radiation Exposure Statement

IC Radiation Exposure Statement This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20 cm (7.8 inches) between the antenna and your body.

NOTE

- THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

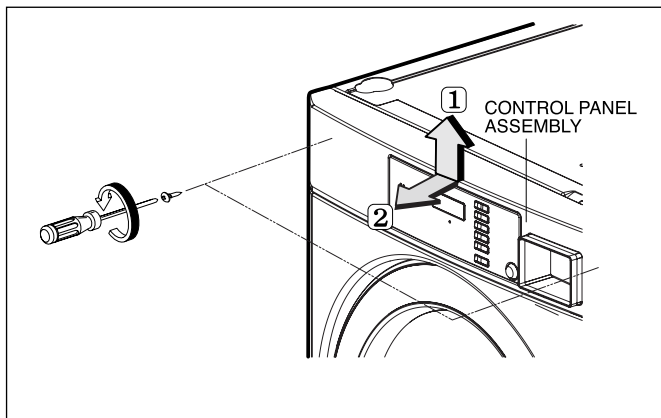
Open Source Software Notice Information

To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product, please visit <http://opensource.lge.com>. In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.

LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com. This offer is valid for a period of three years after our last shipment of this product. This offer is valid to anyone in receipt of this information.

11. DISASSEMBLY INSTRUCTIONS

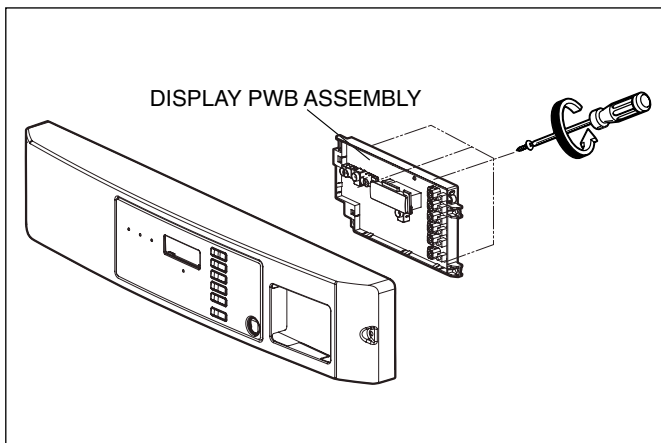
CONTROL PANEL ASSEMBLY



1. Unscrew 2 screws
2. Disassemble the CONTROL PANEL ASSEMBLY
 - Pull out the CONTROL PANEL .
3. Disconnect the DISPLAY PWB ASSEMBLY connector from CABLE (HARNESS).

* Do not pull out the CONTROL PANEL too forcefully as it can be broken.

DISPLAY PWB ASSEMBLY



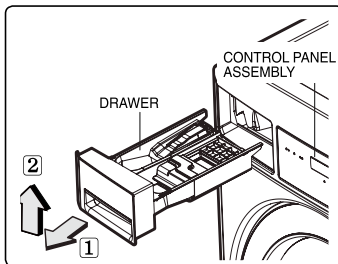
1. Disassemble the CONTROL PANEL ASSEMBLY
2. Unscrew the 4 screws from the CONTROL PANEL ASSEMBLY.
3. Disassemble the DISPLAY PWB ASSEMBLY.

TOP PLATE ASSEMBLY

⚠ WARNING

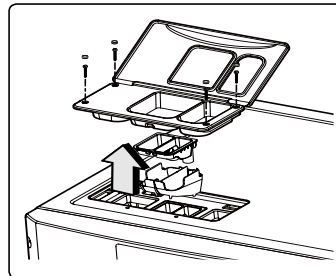
- When you disassemble the top plate, be sure to take gloves and careful plate's edge. Failure to do so can cause serious injury.

-Stack model-

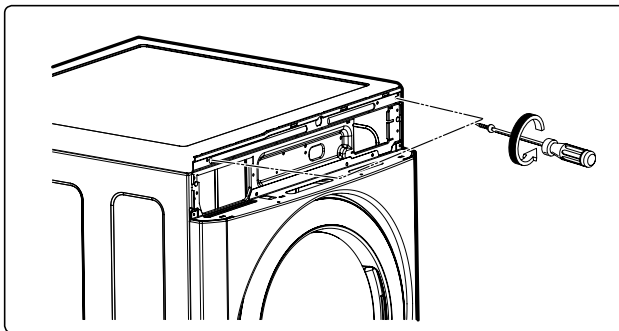


1. Pull out the DRAWER
2. Disassemble the CONTROL PANEL ASSEMBLY (refer to previous page)

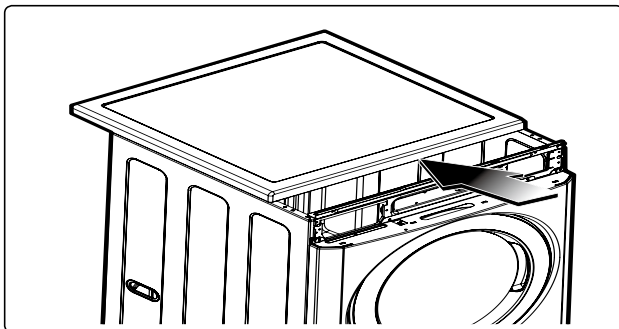
-Single model-



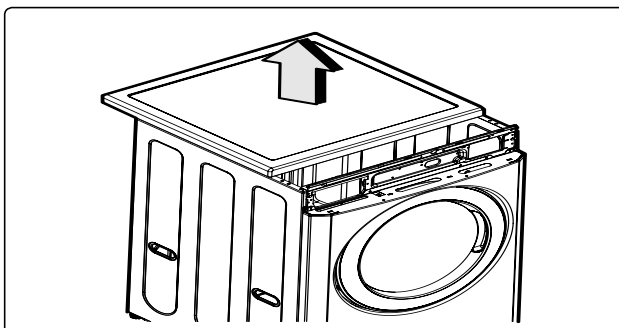
1. Disassemble the LID OUT ASSEMBLY
 - Remove 4 rubber caps
 - Unscrew the Frame (4point)
2. Disassemble the CONTROL PANEL ASSEMBLY (refer to previous page)



3. Unscrew the TOP PLATE (2point)

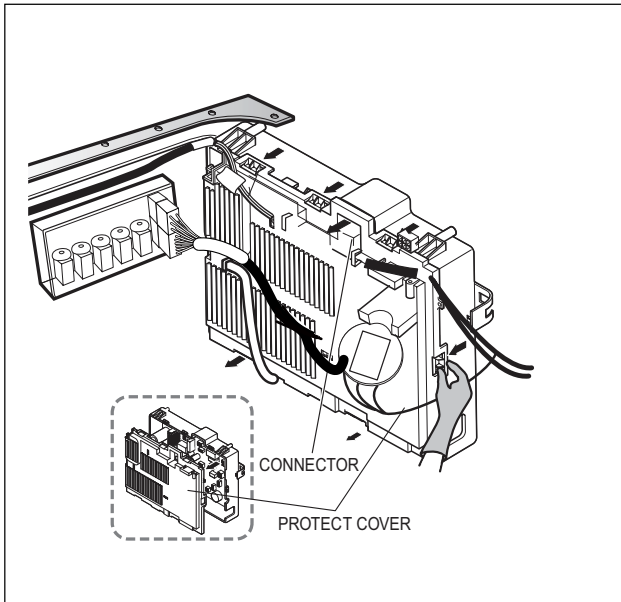


4. Push the TOP PLATE backward forcefully.

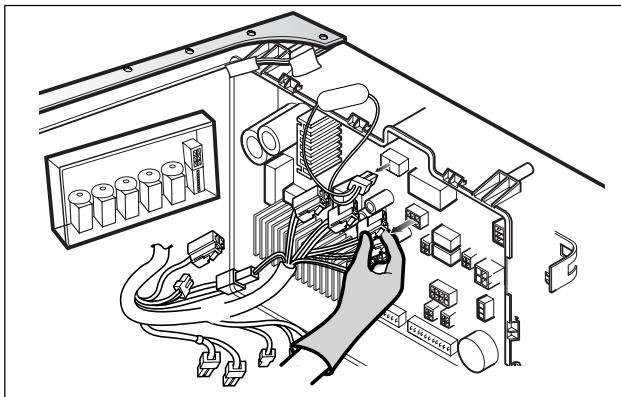


5. Lift the TOP PLATE

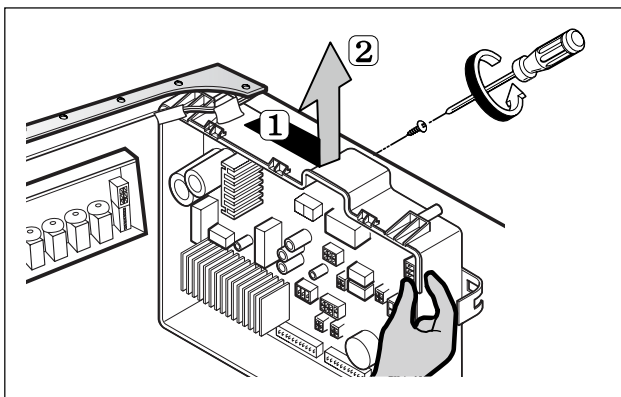
MAIN PWB ASSEMBLY



1. Disassemble the CONTROL PANEL ASSEMBLY (Refer to page 38)
2. Disassemble the TOP PLATE ASSEMBLY (Refer to previous page)
3. Unscrew a screw on PRESSURE SWITCH ASSEMBLY
4. Remove all wire from hooks.
5. Detach fuse from Protective Cover.
(fit fuse into holder on Cover when reassembling)
6. Remove the Protective Cover.



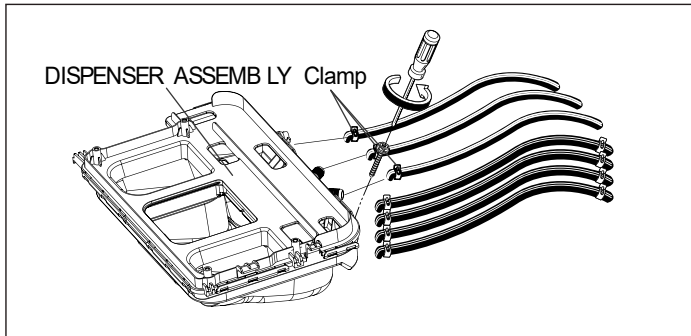
7. To replace FUSE ASSEMBLY, disconnect fuse connector from MAIN PWB ASSEMBLY and change with new FUSE ASSEMBLY.
8. Disconnect the connectors.



9. Unscrew 1 screw on the back.
10. Disassemble the MAIN PWB ASSEMBLY.

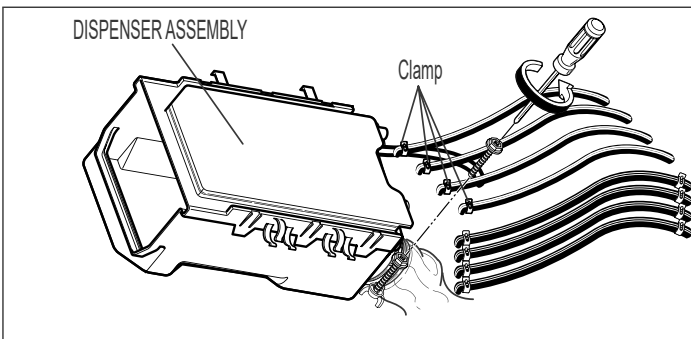
DISPENSER ASSEMBLY

-Single model-

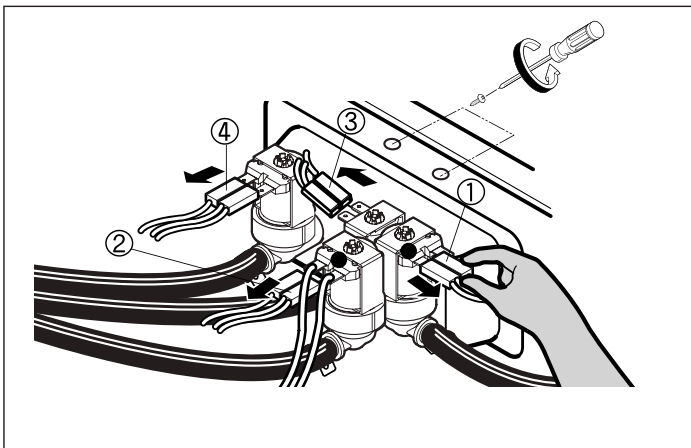


1. Disassemble the CONTROL PANEL ASSEMBLY
(Refer to page 38)
2. Disassemble the TOP PLATE ASSEMBLY
(Refer to page 39)
3. Disassemble the clamps and hoses.
4. Disassemble the bellows at the lower side of DISPENSER

-Stack model-



INLET VALVE ASSEMBLY

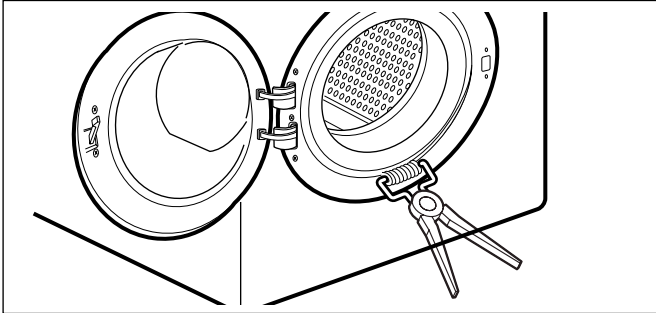


1. Disassemble the CONTROL PANEL ASSEMBLY
(Refer to page 38)
2. Disassemble the TOP PLATE ASSEMBLY
(Refer to page 39)
3. Disassemble the 4 connectors from the VALVES.
4. Disassemble the clamps and hoses.
5. Unscrew the 2 screws in the back.

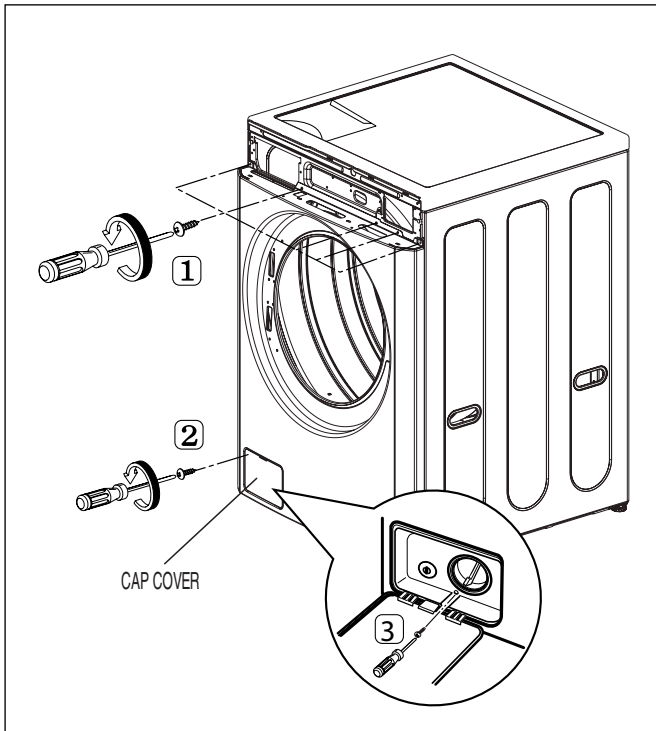
Connector Color

- ① Blue Housing(OR-BK)
- ② White Housing (WH-BK)
- ③ Blue Housing (GY-BK)
- ④ Red Housing (BL-BK)

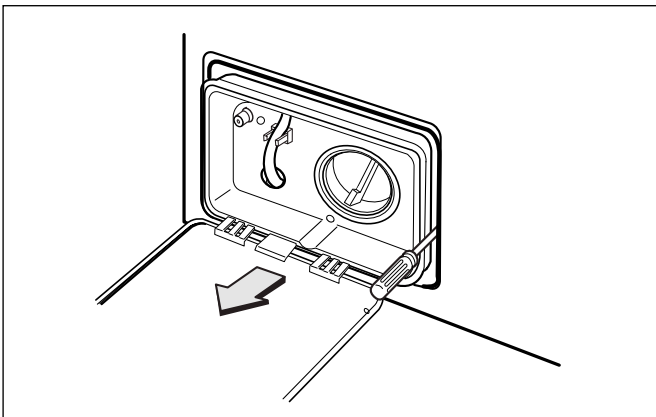
CABINET COVER



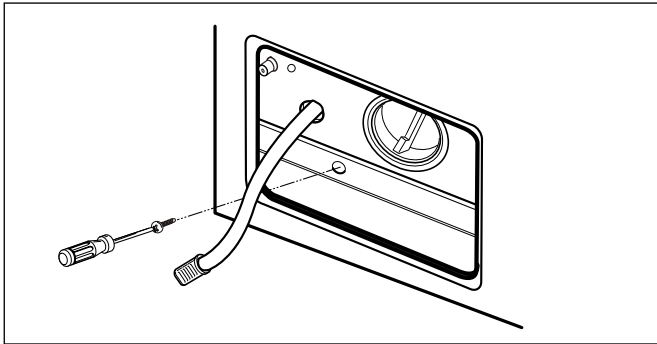
1. Disassemble the CONTROL PANEL ASSEMBLY
(Refer to page 38)
2. Open the DOOR.
3. Disassemble the CLAMP ASSEMBLY.



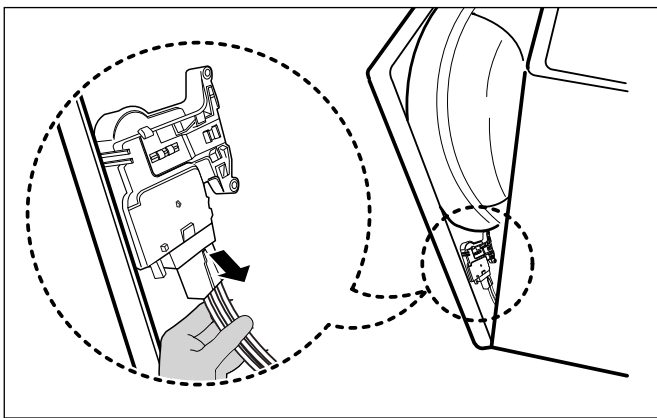
4. Unscrew the 4 screws from the CABINET COVER.
5. Unscrew the screw from CAP COVER.
6. Unscrew the screw from inside CAP COVER.



7. Put a flat (–) screwdriver or putty knife into both sides of the CAP COVER, and pull it out.

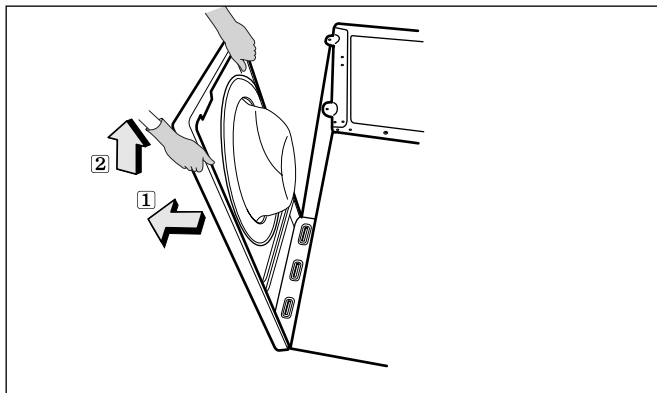


8. Unscrew the screw from the lower side of the CABINET COVER.



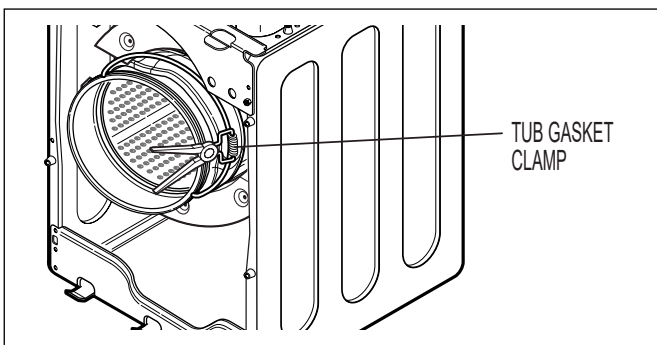
9. Tilt the CABINET COVER.
10. Disconnect the DOOR S/W connector.

※ **NOTE:** When assembling the CABINET COVER, connect the connector.



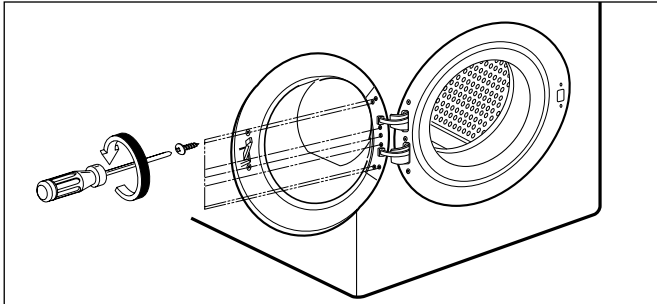
11. Lift and separate the CABINET COVER.

GASKET

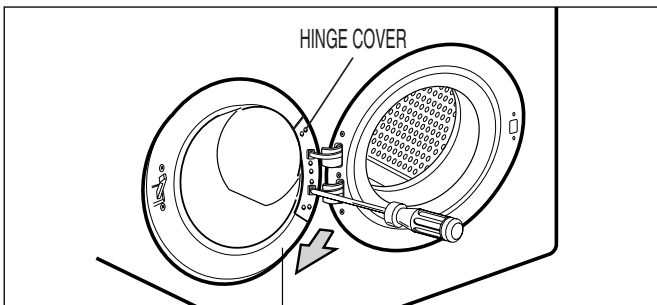


1. Disassemble the CABINET COVER
(refer to previous page)
2. Disassemble the CLAMP ASSEMBLY.
3. Disassemble the GASKET.

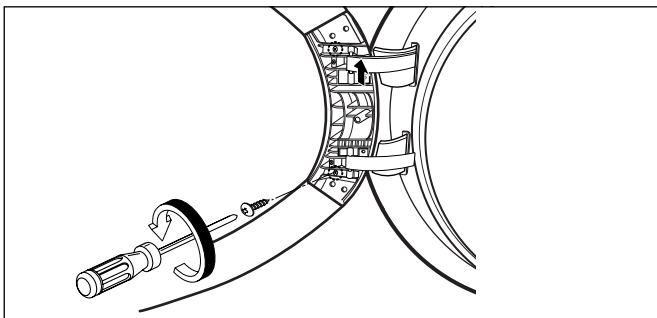
DOOR ASSEMBLY



1. Open the DOOR.
2. Unscrew the 7 screws from the HINGE COVER.



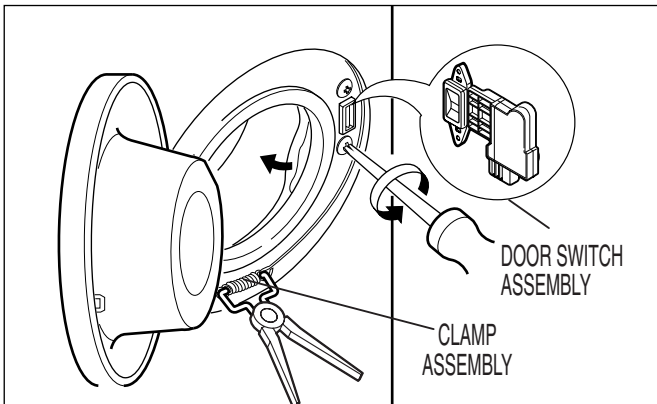
3. Put a flat (-) screwdriver into the opening of the hinge, and pull out the HINGE COVER.



4. Unscrew a screw from the lower side of DOOR.
5. Lift door and remove.

※ **Be careful!** The door is heavy.

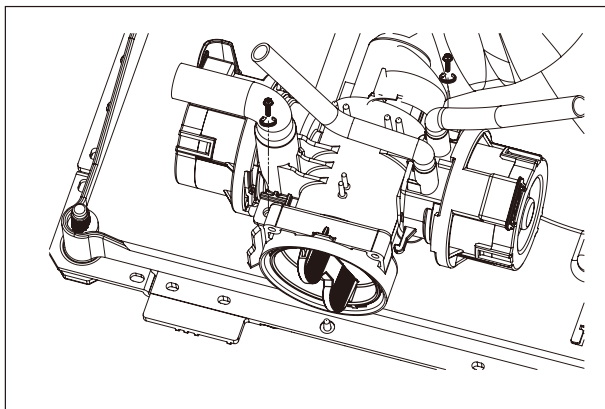
DOOR LOCK SWITCH ASSEMBLY



1. Open the DOOR and disassemble the CLAMP ASSEMBLY.
2. Unscrew the 2 screws.
3. Remove connector from DOOR S/W ASSEMBLY.

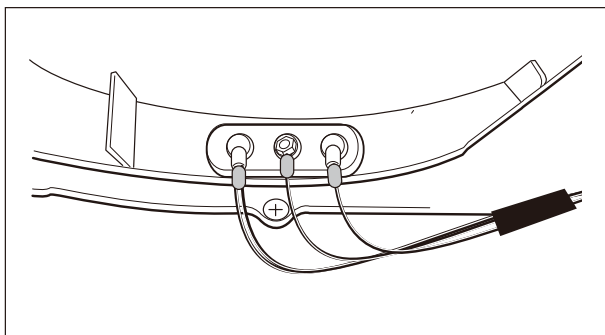
※ **NOTE**
Reconnect the connector after replacing the DOOR SWITCH ASSEMBLY.

PUMP ASSEMBLY



1. Disassemble the CABINET COVER
2. Separate the PUMP HOSE and the BELLOWS , the CIRCULATION HOSES from the PUMP ASSEMBLY.
3. Remove the 2 bolts from the pump assembly.
4. Disassemble the pump assembly.

HEATER

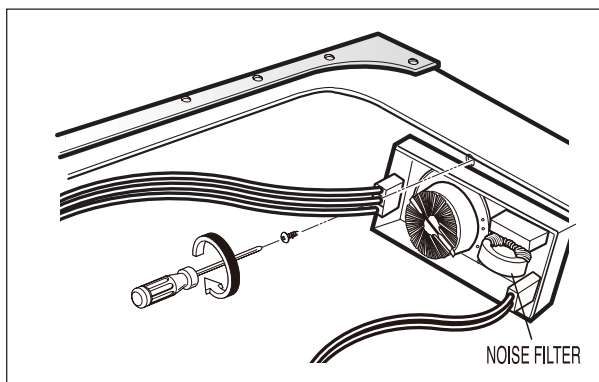


1. Disassemble the cabinet cover.
2. Separate 2 connectors from the heater.
3. Loosen the nut and pull out the heater.

※ CAUTION

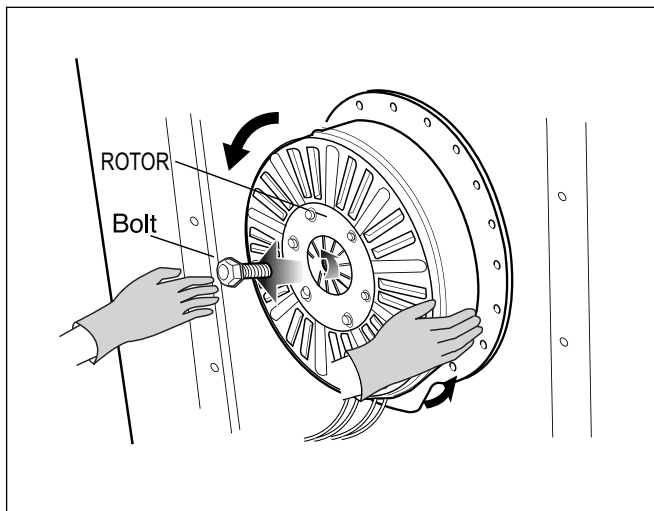
- When assembling the heater insert the heater into the heater clip on the bottom of the tub.
- Tighten the fastening nut so the heater is secure.

NOISE FILTER

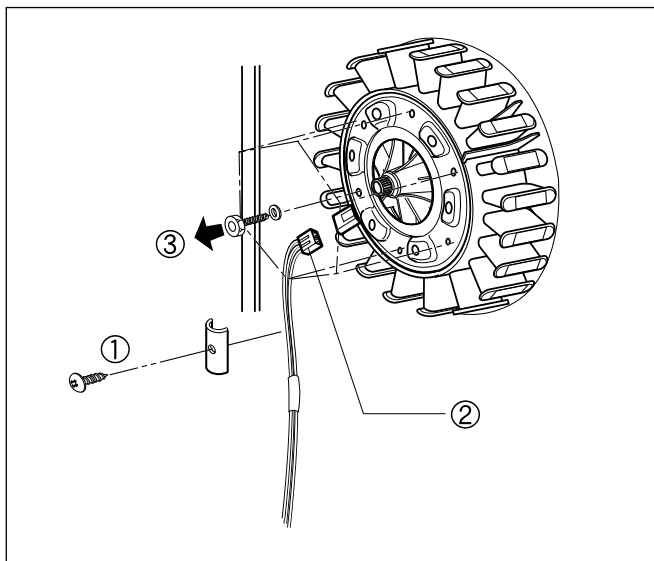


1. Disassemble the CONTROL PANEL ASSEMBLY (refer to previous page)
2. Disassemble the TOP PLATE ASSEMBLY (refer to previous page)
3. Disassemble two (or three) connectors from the NOISE FILTER.
4. Unscrew a screw from the TOP BRACKET.

MOTOR ASSEMBLY

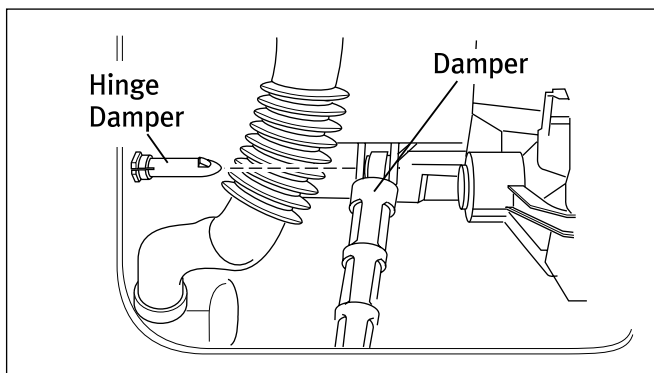


1. Disassemble the BACK COVER.
2. Remove the bolt.
3. Pull out the ROTOR.



4. Unscrew a screw from the bracket(①).
5. Remove the 6 bolts on the stator(③).
6. Unplug the connector from the stator(②).

DAMPER



1. Disassemble the damper hinges from the tub and base.

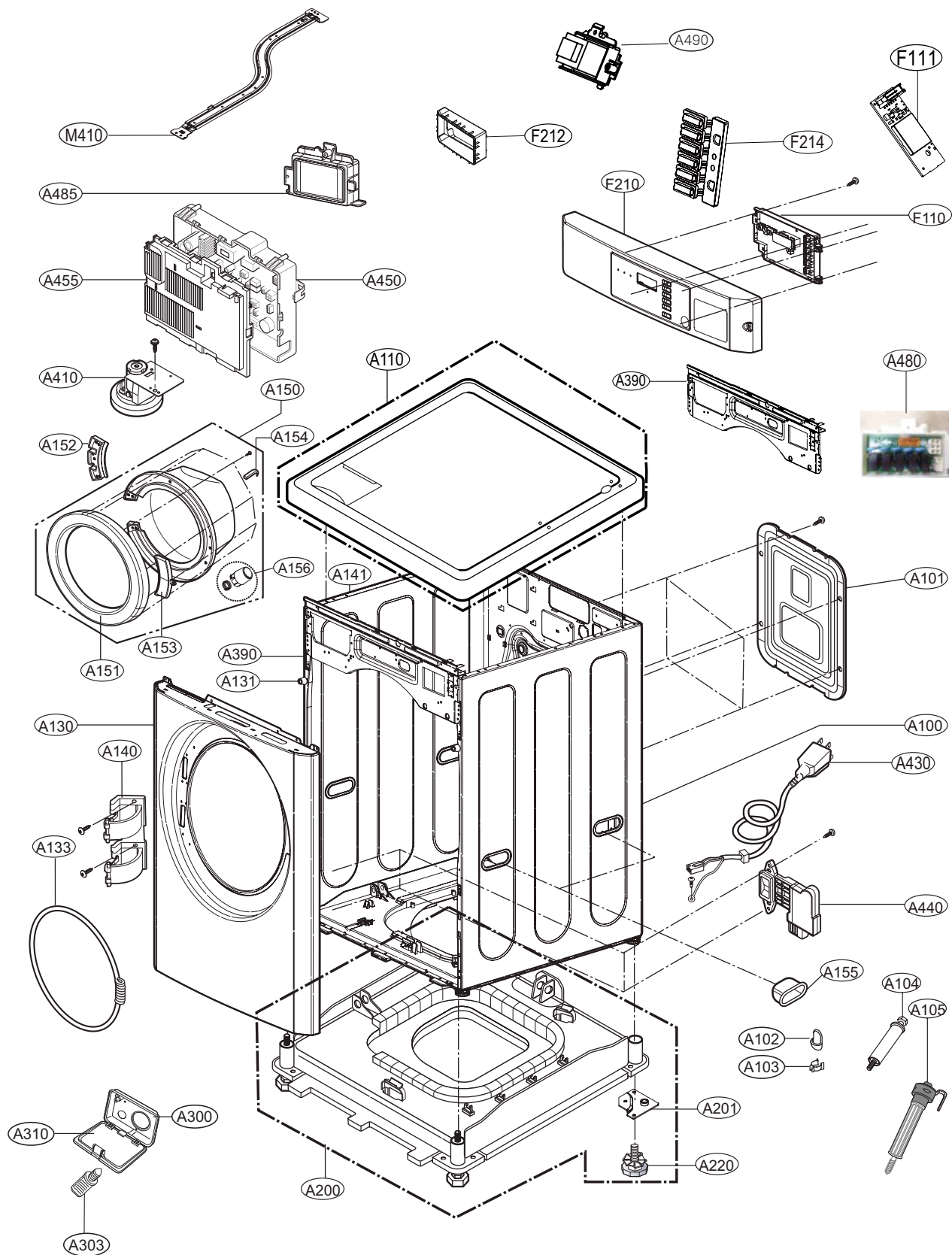
※ NOTE

When replacing dampers, replace them as a set rather than individually.
There are several iterations of dampers available.
Be sure all four in the set are the same class.

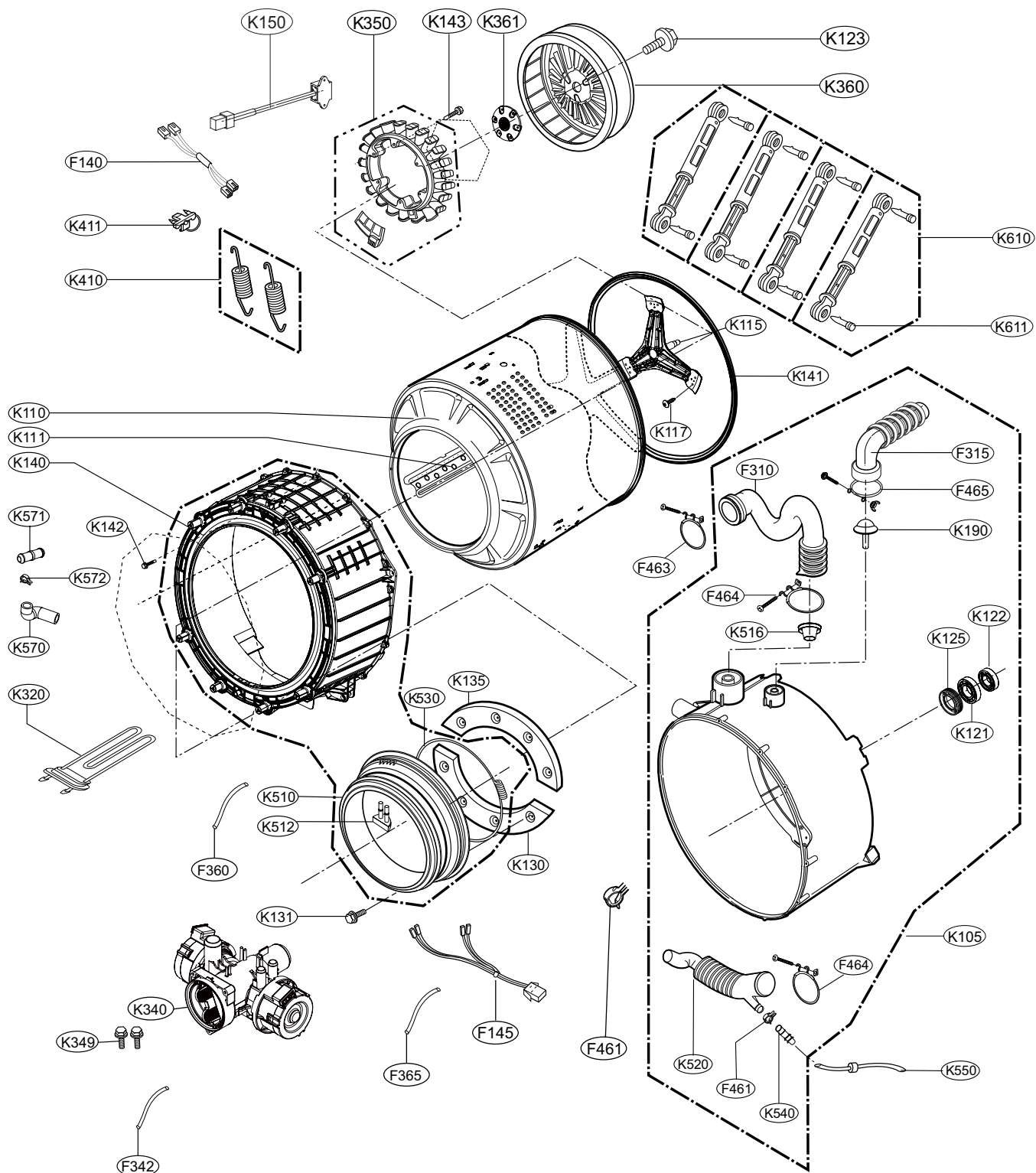
12-1. CABINET& CONTROL PANEL ASSEMBLY



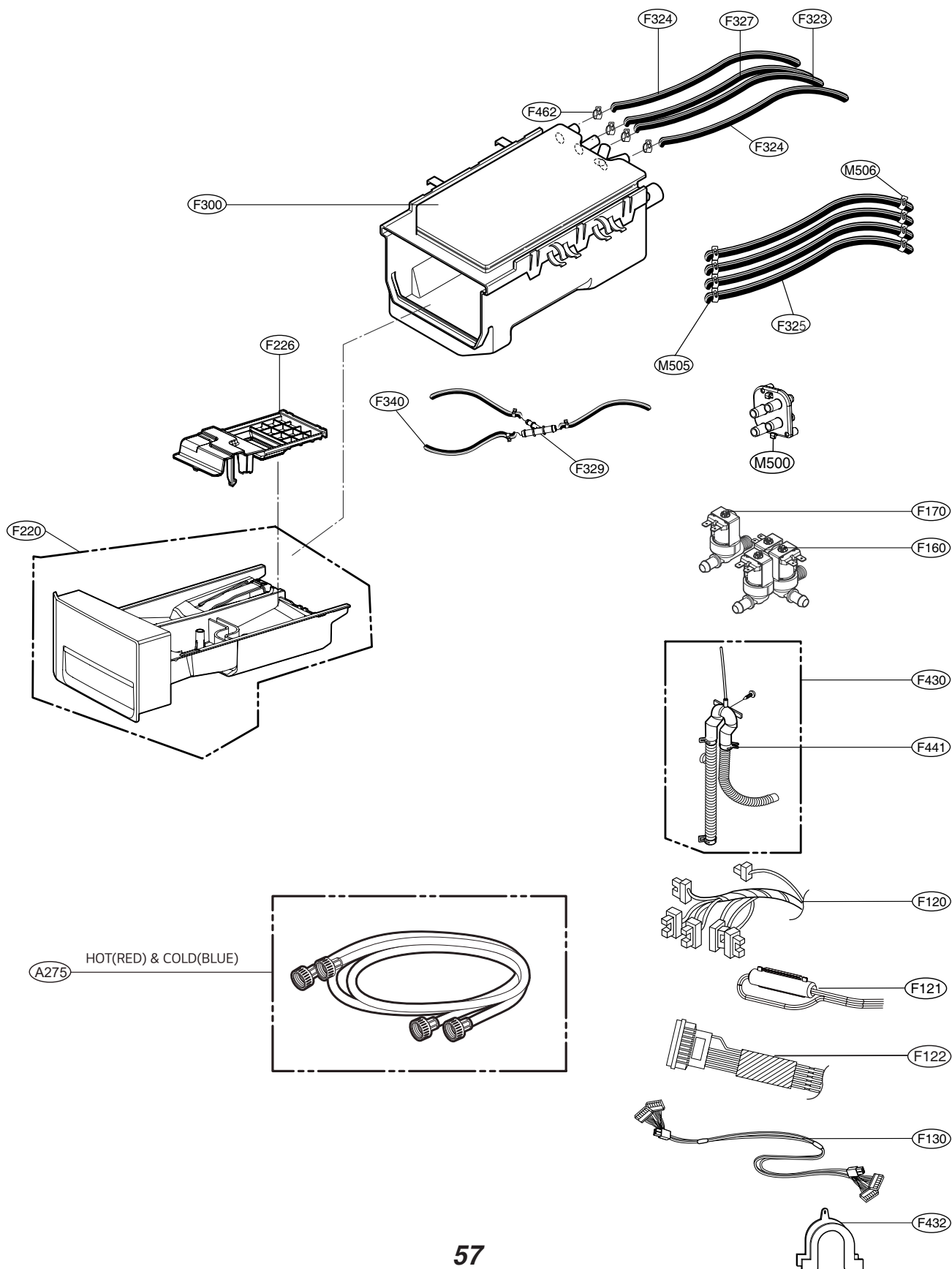
12-1-2. CABINET & CONTROL PANEL ASSEMBLY



12-2. DRUM & TUB ASSEMBLY

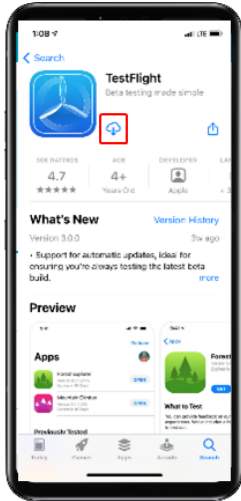


12-3. DISPENSER ASSEMBLY (FOR STACK MODEL)

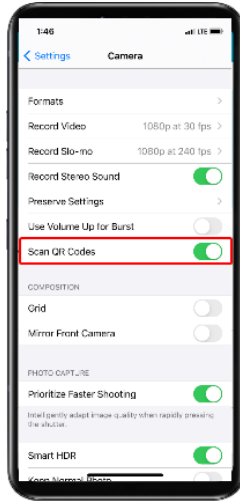


How to connect Wi-Fi products on App(IOS, Apple)

Download Installer App



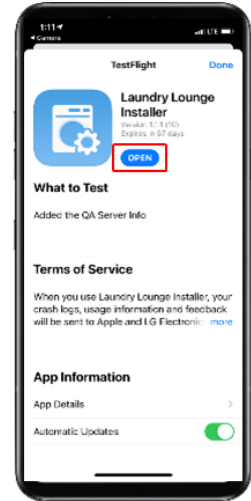
1. Search 'TestFlight' in app store, and download it.



2. Activate 'Scan QR Codes' settings (Settings → Camera → Scan QR Codes)



3. Scan the QR code using the camera app, and press the Pop-up 'Open in TestFlight'. (It automatically connects to the installation link.)

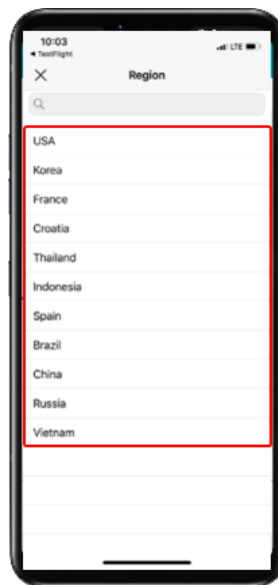


4. Install the app and open it.

Create Account and Sign in



1. Press the region button in the upper right corner.



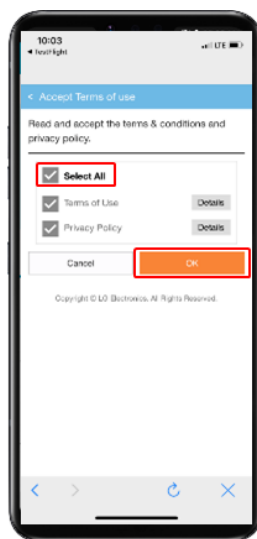
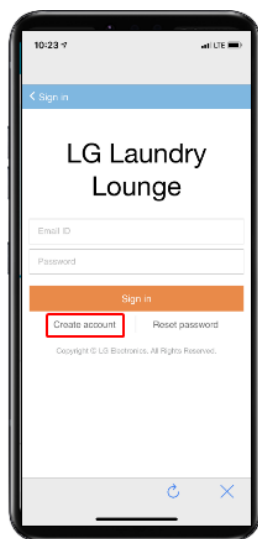
2. Select country where the product is installed.



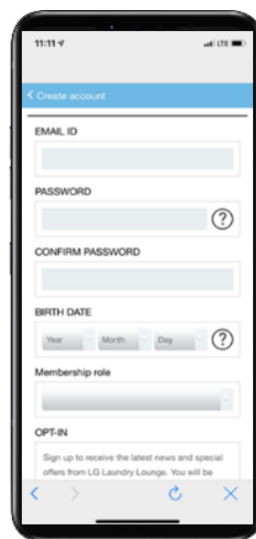
3. Region setting is done.



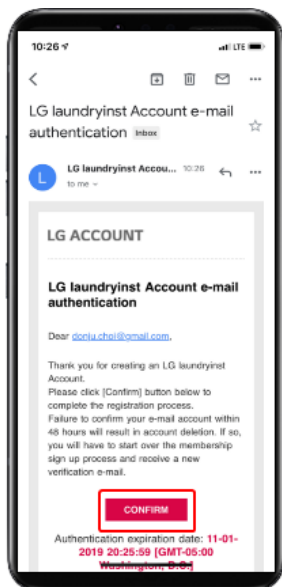
4. Press 'START' and 'Create account'.



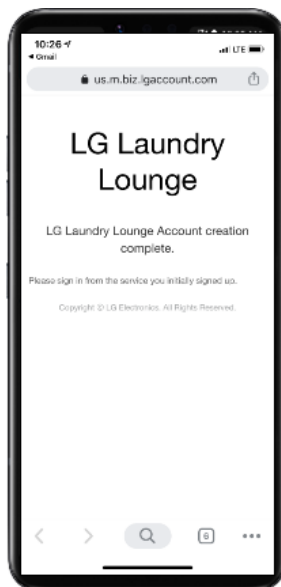
5. Read and accept the terms, conditions and privacy policy, check 'Select All' and press 'OK'.



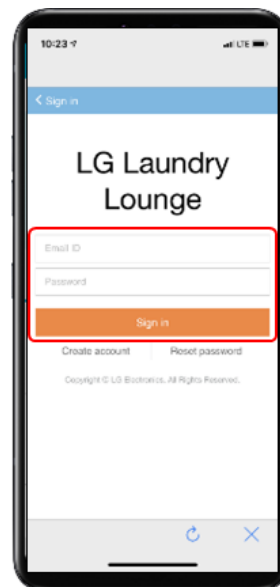
6. Enter account information such as E-mail, Password, date of birth, etc., and then press 'OK'.



7. Account confirmation E-mail will be sent to the address which you enter in account information. Please open your mail and press 'CONFIRM' button.

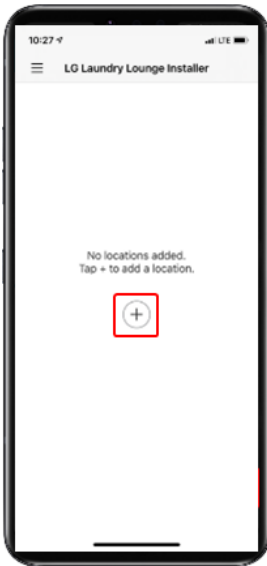


8. Return to the Installer app, and account creation is done.



9. Enter your E-mail and Password, and press 'Sign in'

Add a Location



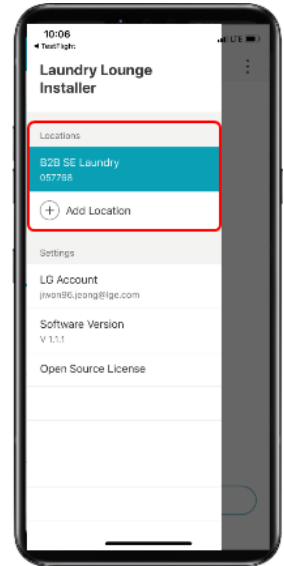
1. Press the '+' sign.



2. Input location details, then press 'Save'



3. Location is created, you can check the created location and register additional locations by pressing the Menu icon in the upper right corner.



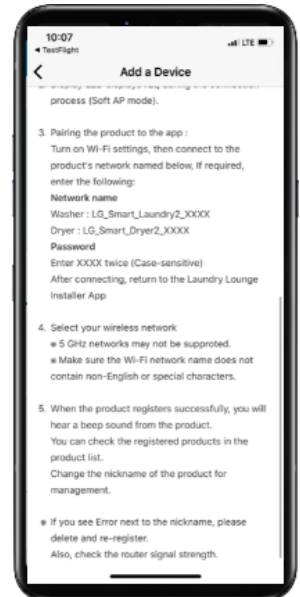
Add a Device



1. Press 'Add a Device' in the main page, or press the menu and 'Add a Device'.

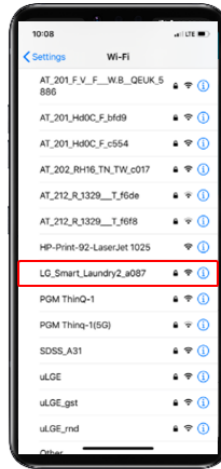


2. The guide to add a device will show up. Follow the next steps.





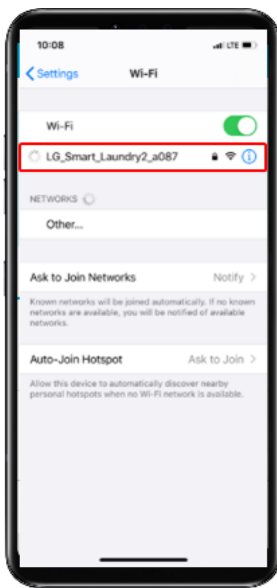
3. Simultaneously press and hold the top 3 buttons of washer or dryer for 3 seconds. Then 'rEq' will be displayed.



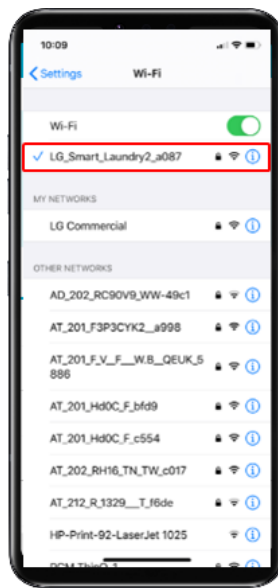
4. Go to Home screen → Settings → Wi-Fi and find 'LG_Smart_Laundry2_XXXX' or 'LG_Smart_Dryer2_XXXX'.



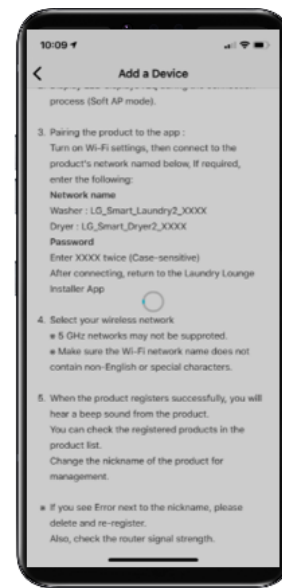
5. Enter the password twice – It is the last four letters of the network name.
Ex) LG_Smart_Laundry2_a087 → PW : a087a087



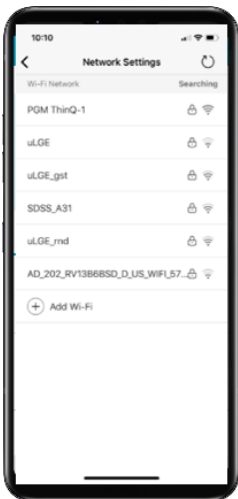
6. Connecting the product's Wi-Fi network.



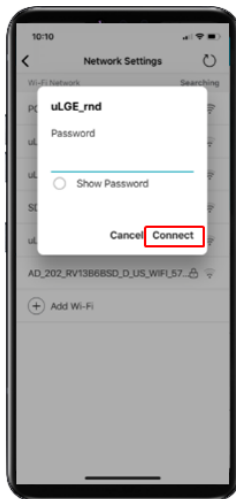
7. Connected.



8. After the network is connected, open the Laundry Lounge Installer App.



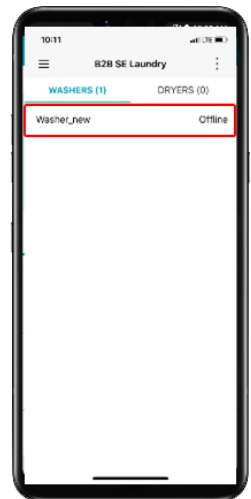
9. Once connected to the product, the network settings screen appears. Select your location's wireless network and enter the password.



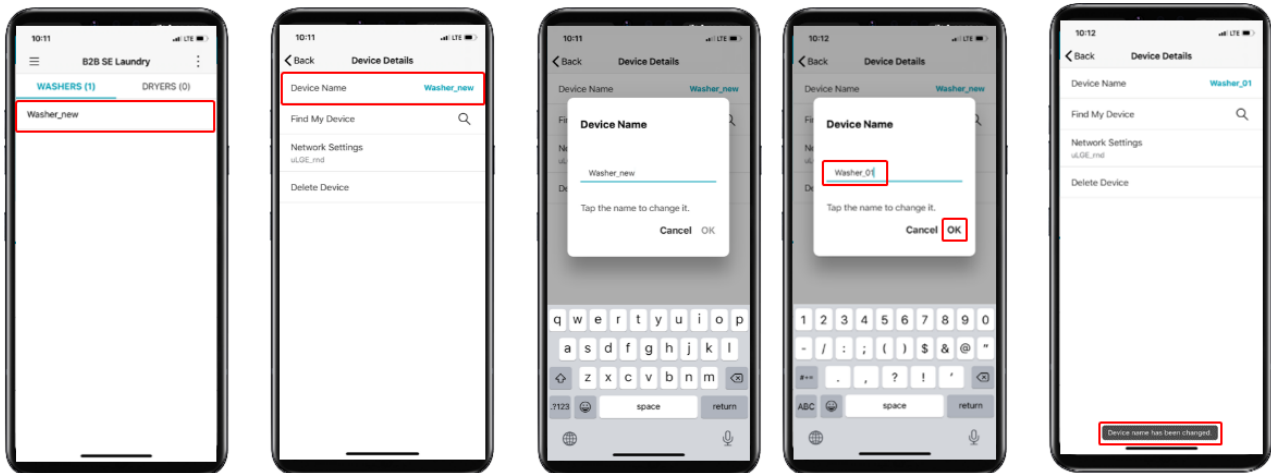
10. Registering



11. Once connected to the network, the product makes a 'beep' sound. Product registration may take some time depending on the network status.



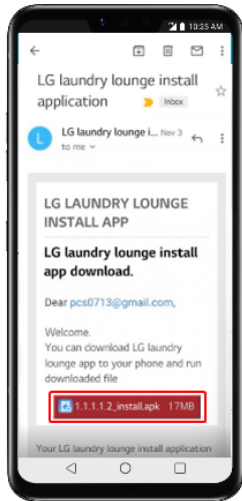
Change Device Name



1. Press the product's name.
2. Press the 'Device Name'
3. Enter the new name and press 'OK'.
4. Device name has been changed.

How to connect Wi-Fi products on App(Android)

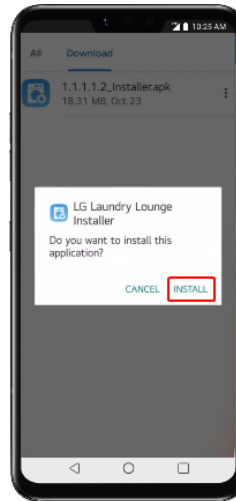
Download Installer App



1. Download 'apk' file attached in mail to your phone.



2. Run the downloaded 'apk' file.



3. Install the app.



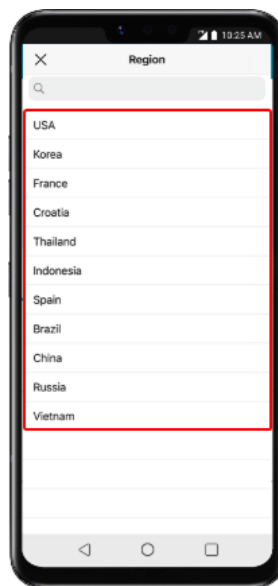
4. Open the installer app.

* If you have an external SD card on your phone you can put the .apk file into the SD card, or you can physically connect your phone and computer and move the file.
However, We recommend you to **download it directly from the mobile e-mail app to your mobile phone.**

Create Account and Sign in



1. Press the region button in the upper right corner.



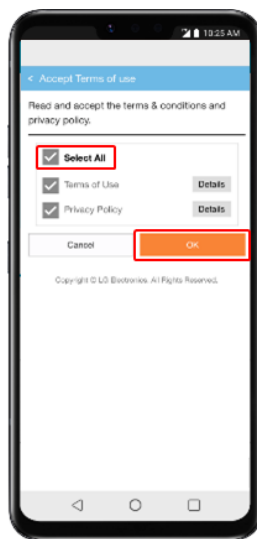
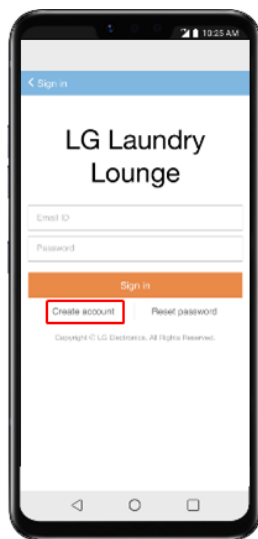
2. Select country where the product is installed.



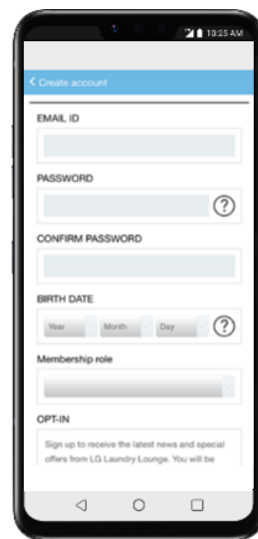
3. Region setting is done.



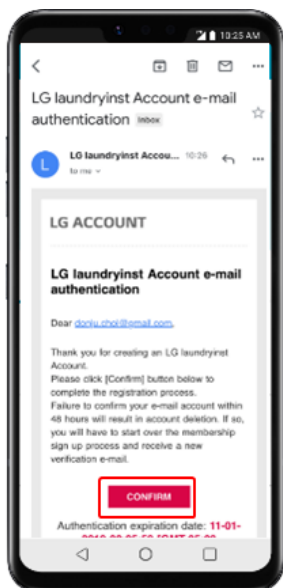
4. Press 'START' and 'Create account'.



5. Read and accept the terms, conditions and privacy policy, check 'Select All' and press 'OK'.



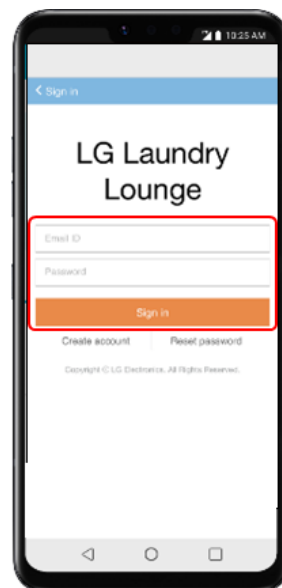
6. Enter account information such as E-mail, Password, date of birth, etc., and then press 'OK'.



7. Account confirmation E-mail will be sent to the address which you enter in account information. Please open your mail and press 'CONFIRM' button.

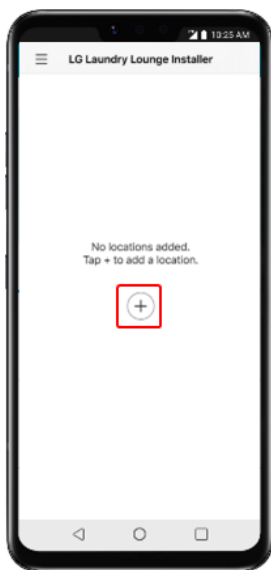


8. Return to the Installer app, and account creation is done.

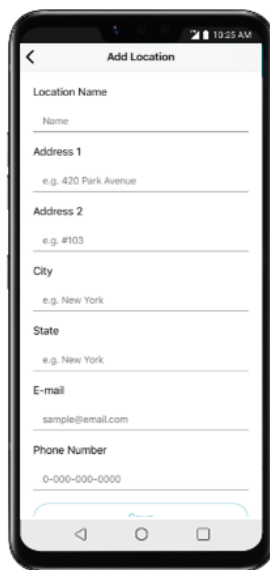


9. Enter your E-mail and Password, and press 'Sign in'

Add a Location



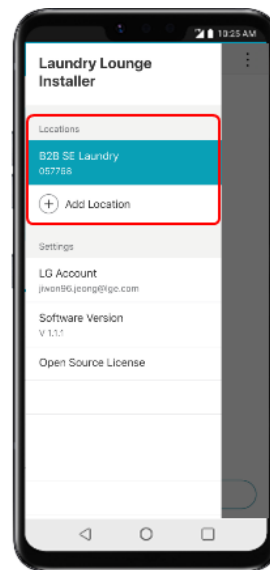
1. Press the '+' sign.



2. Input location details, then press 'Save'



3. Location is created, you can check the created location and register additional locations by pressing the Menu icon in the upper right corner.



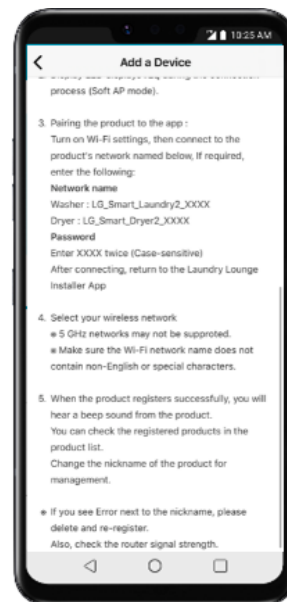
Add a Device



1. Press 'Add a Device' in the main page, or press the menu and 'Add a Device'.

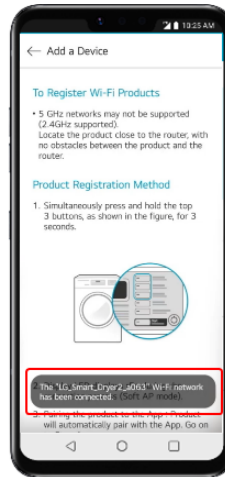


2. The guide to add a device will show up. Follow the next steps.





3. Simultaneously press and hold the top 3 buttons of washer or dryer for 3 seconds. Then 'rEq' will be displayed.



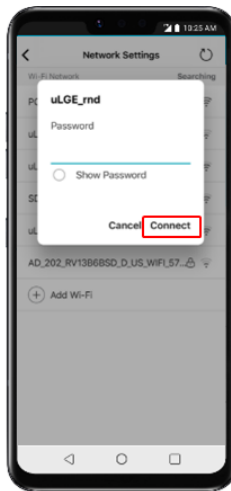
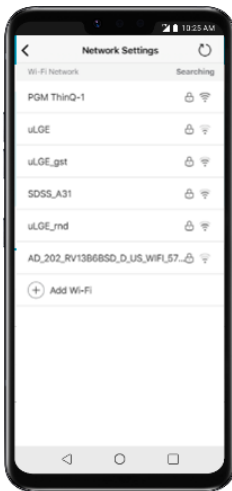
4. The device is automatically connected to your phone.

*** If the device is NOT automatically connected to your phone, follow the below steps.**

1st. Go to Wi-Fi setting and find 'LG_Smart_Laundry2_XXXX' or 'LG_Smart_Dryer2_XXXX' signal on the Wi-Fi list.

2nd. Choose that signal and enter the password twice – It is the last four letters of the network name.
Ex) LG_Smart_Dryer2_a063 → PW : a063a063

3rd. When the network is connected with your phone, open the Laundry Lounge Installer App. The location's network list will be displayed.



5. Once connected to the product, the network settings screen appears. Select your location's wireless network and enter the password.



6. Registering



7. Once connected to the network, the product makes a 'beep' sound. Product registration may take some time depending on the network status.



*** Use 2.4GHz network. 5GHz network may not be supported.**

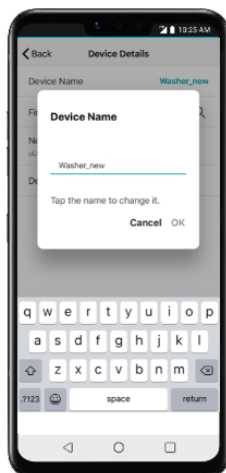
Change Device Name



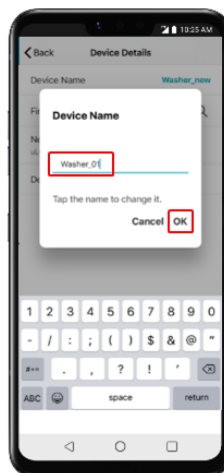
1. Press the product's name.



2. Press the 'Device Name'



3. Enter the new name and press 'OK'.



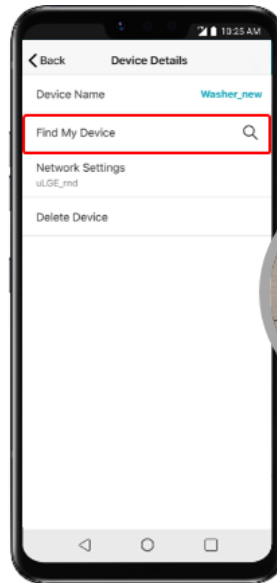
4. Device name has been changed.

Additional Features

Find My Device



1. Press the product's name that you want to find where the it is located.

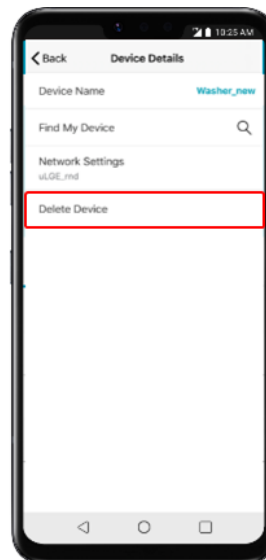


2. Press the magnifying glass icon on the right side of 'Find My Device'. Then the product makes 'Beep' sound and displays 'HErE' in the window

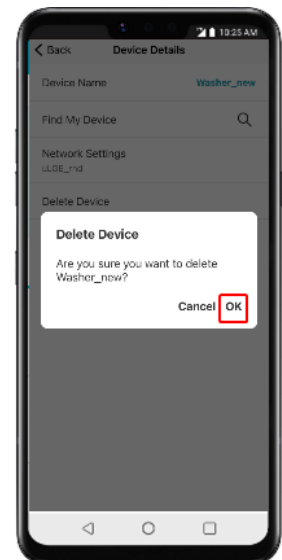
Delete Device



1. Press the product's name that you want to delete in your location.



2. Press 'Delete Device'.



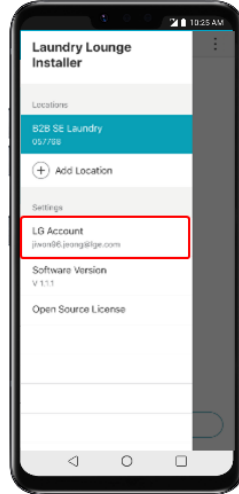
3. Press 'OK' on the pop-up.

* If you encounter network errors on registration, try to delete the device and register again.

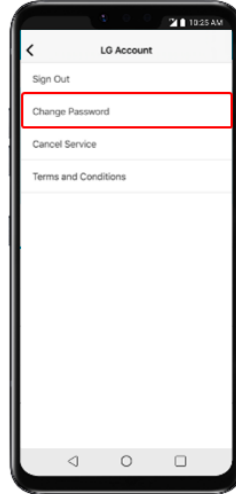
Change Password



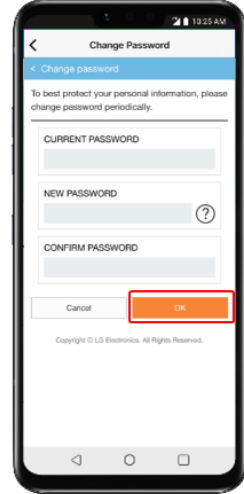
1. Press the menu icon on the left upper corner.



2. Press 'LG Account'.



3. Press 'Change Password'.



4. Enter your current password, new password, and password confirmation. Then press 'OK' to change your password.

Troubleshooting

Wi-Fi Frequency Bands

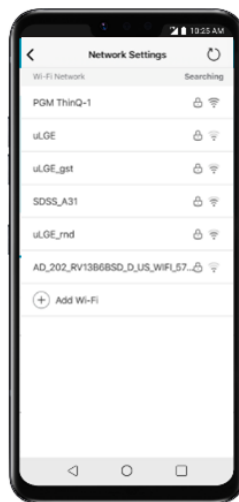
The wireless network frequency of Wi-Fi supports only 2.4 GHz, so please use a wireless router for **2.4GHz instead of 5GHz**. Contact your Internet service provider for confirmation of the wireless network frequency you use, or refer to your wireless router's user manual.



2.4GHz (O)
5GHz (X)

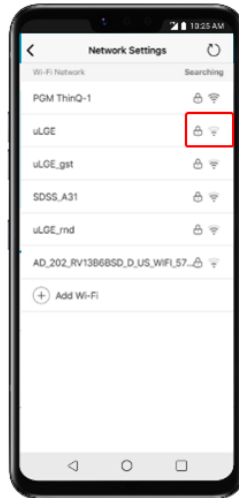
SSID Name

The wireless router name, SSID, must be a combination of **English letters and numbers**.



Signal Strength

If the signal power indicator for the wireless network you are using is weak, or if the network connection is not good, **move the wireless router to a location closer to the product** or contact your Internet service provider for **replacement or additional installation**.



Radio signal transmission&reception abnormality

If the product registration is not working well because of simple radio signal transmission & reception abnormality, **unplug the product and connect again 1~2 minute later** to register the product.



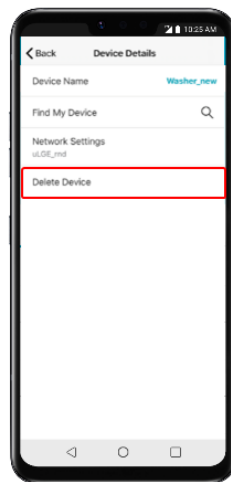
Wireless Router Firewall

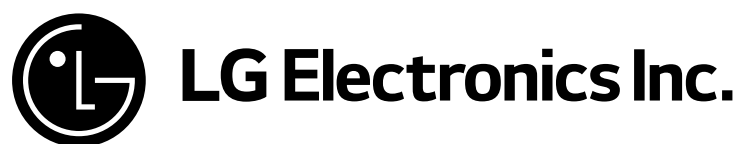
If your wireless router has a firewall enabled, please register your product after registering the **firewall exception** or **turning off the firewall**.



Radio signal transmission&reception abnormality

If the wireless router or password has been changed, or the Internet service provider changes after registering the product, **the product must be deleted and re-registered for use.**





MFL68921876

OWNER'S MANUAL

COMMERCIAL WASHER



Before beginning installation, read these instructions carefully. This will simplify installation and ensure that the product is installed correctly and safely. Leave these instructions near the product after installation for future reference.

ENGLISH

FH0C7FDMS FH0C7FD2MS FH0C7FD3MS FH0C7FD4MS



MFL71671230
Rev.00_042921

www.lg.com

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This manual may contain images or content different from the model you purchased.

This manual is subject to revision by the manufacturer.

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PRODUCT FEATURES

DIRECT DRIVE SYSTEM

The advanced brushless DC motor drives the drum directly without using a belt and pulley.

TILTED DRUM AND EXTRA LARGE DOOR OPENING

The tilted drum and extra large opening make it possible to load and unload clothing more easily.

ULTRA CAPACITY

The larger drum enables more tumbling action and greater centrifugal force, but also less tangling and wrinkling of the laundry. Heavier loads, such as king size comforters, blankets, and curtains can be washed.

SEE-THROUGH DOOR AND BIG DOOR

You can see the laundry throughout the cycle.

MAGNETIC DOOR PLUNGER

Safely and conveniently secure the door slightly ajar with the magnetic door plunger. This will promote air circulation and allow the interior of the machine to dry. To use this feature, after the load has been removed, do not close the door completely. When the magnetic door plunger comes into contact with the metal washer cabinet, it will secure the door slightly open allowing the interior of the washer to dry.

STAINLESS STEEL DRUM

Stainless steel drum offers extreme durability.

TUB CLEAN

Regular cleaning of the tub on a monthly basis using TUB CLEAN can help keep the tub clean and fresh.

Laundry Lounge Apps

- Laundry Lounge Installer : This is a registration app for installers used to register the product on the server. Only available for authorized users.
 - * Search for **Laundry Lounge Installer** in the Google Play Store or Apple App Store.
- Laundry Lounge : This is for end-users to check real-time monitoring of registered stores and products.
 - * Search for **Laundry Lounge** in the Google Play Store or Apple App Store.

SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USE

The following safety guidelines are intended to prevent unforeseen risks or damage from unsafe or incorrect operation of the appliance.

The guidelines are separated into 'WARNING' and 'CAUTION' as described below.

Safety Messages



This symbol is displayed to indicate matters and operations that can cause risk. Read the part with this symbol carefully and follow the instructions in order to avoid risk.



WARNING

This indicates that the failure to follow the instructions can cause serious injury or death.



CAUTION

This indicates that the failure to follow the instructions can cause the minor injury or damage to the product.

** WARNING**

To reduce the risk of explosion, fire, death, electric shock, injury or scalding to persons when using this product, follow basic precautions, including the following:

Technical Safety

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- Children of less than 3 years should be kept away unless continuously supervised.
- If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Use a new hose or hose-set supplied with the appliance. Reusing old hoses can cause a water leak and subsequent property damage.
- Ventilation openings must not be obstructed by a carpet.
- The inlet water pressure must be between 100 kPa and 1000 kPa.

Maximum Capacity

- The maximum capacity in some cycles for dry clothes to be washed is 15 kg.

Installation

- Never attempt to operate the appliance if it is damaged, malfunctioning, partially disassembled, or has missing or broken parts, including a damaged cord or plug.
- This appliance should only be transported by two or more people holding the appliance securely.
- Do not install the appliance in a damp and dusty place. Do not install or store the appliance in any outdoor area, or any area that is subject to weathering conditions such as direct sunlight, wind, rain, or temperatures below freezing.
- Do not install the product in a laundry factory environment.
- This appliance is not designed for maritime use or for mobile installations such as in RVs, aircraft, etc.
- Make sure the power plug is completely pushed into the power outlet.
- Do not plug the appliance into multiple outlet sockets, power boards, or an extension power cable.
- Do not modify the power plug provided with the appliance. If it does not fit the power outlet, have a proper outlet installed by a qualified electrician.
- This appliance is equipped with a power cord having an equipment earthing / grounding conductor (earthing pin) and a grounding power plug. The power plug must be plugged into an appropriate outlet socket that is installed and earthed / grounded in accordance with all local codes and ordinances.
- Improper connection of the equipment-grounding conductor can result in risk of electric shock. Check with a qualified electrician or service personnel if you are in doubt as to whether the appliance is properly grounded.
- This appliance must not be installed behind a lockable door, a sliding door or a door with a hinge on the opposite side to that of the appliance, in such a way that a full opening of the appliance door is restricted.

Operation

- Do not apply any sharp objects to the control panel in order to operate the appliance.
- Do not attempt to separate any panels or disassemble the appliance.
- Do not repair or replace any part of the appliance. All repairs and servicing must be performed by qualified service personnel unless specifically recommended in this Owner's Manual. Use only authorized factory parts.
- Do not push down the door excessively, when the appliance door is open.
- Do not put animals, such as pets into the appliance.
- Do not wash rugs, mats, shoes or pet blankets, stuffed toys, or any other items other than clothes or sheets, in this machine.
- Keep the area underneath and around the appliance free of combustible materials such as lint, paper, rags, chemicals, etc.
- Do not leave the appliance door open. Children may hang on the door or crawl inside the appliance, causing damage or injury.
- Do not put in, wash or dry articles that have been cleaned in, washed in, soaked in, or spotted with combustible or explosive substances (such as waxes, wax removers, oil, paint, gasoline, degreasers, drycleaning solvents, kerosene, petrol, spot removers, turpentine, vegetable oil, cooking oil, acetone, alcohol, etc.). Improper use can cause fire or explosion.
- Do not use or store flammable or combustible substances (ether, benzene, alcohol, chemical, LPG, combustible spray, gasoline, thinner, petroleum, insecticide, air freshener, cosmetics, etc.) near the appliance.
- Never reach into the appliance while it is operating. Wait until the drum has completely stopped.
- Do not touch the door during a high temperature programme.
- Turn off water taps to relieve pressure on hoses and valves and to minimize leakage if a break or rupture should occur. Check the condition of the fill hoses; they should be replaced after 5 years.

- If there is a gas leakage (isobutane, propane, natural gas, etc.) within the launderette, do not touch the appliance or power plug and ventilate the area immediately.
- If the drain hose or inlet hose is frozen during winter, use it only after thawing.
- Keep all washing detergents, softener and bleach away from children.
- Do not touch the power plug or the appliance controls with wet hands.
- Do not bend the power cable excessively or place a heavy object on it.
- Avoid touching any water that is drained from the appliance during the wash.
- Make sure that drainage is working properly. If water is not drained properly, your floor may get flooded.
- When the air temperature is high and the water temperature is low, condensation may occur and thus wet the floor.
- Wipe off dirt or dust on the contacts of the power plug.

Maintenance

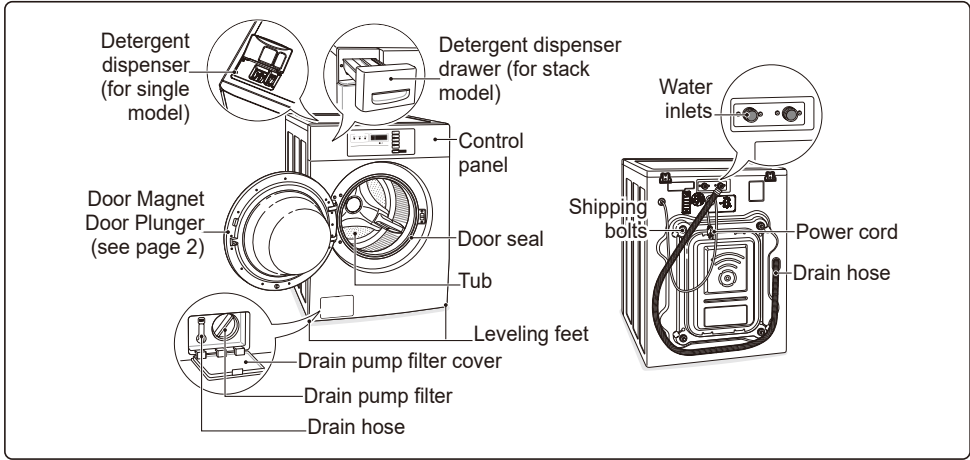
- Disconnect the appliance from the power supply before cleaning the appliance. Setting the controls to the OFF or stand by position does not disconnect this appliance from the power supply.
- Securely plug the power plug in the outlet socket after completely removing any moisture and dust.
- Do not spray water inside or outside the appliance to clean it.
- Never unplug the appliance by pulling on the power cable. Always grip the power plug firmly and pull straight out from the outlet socket.
- Do not repair or replace any part of the appliance or attempt any servicing unless specifically recommended in the user-maintenance instructions or published user-repair instructions that you understand and have the skills to carry out.

Disposal

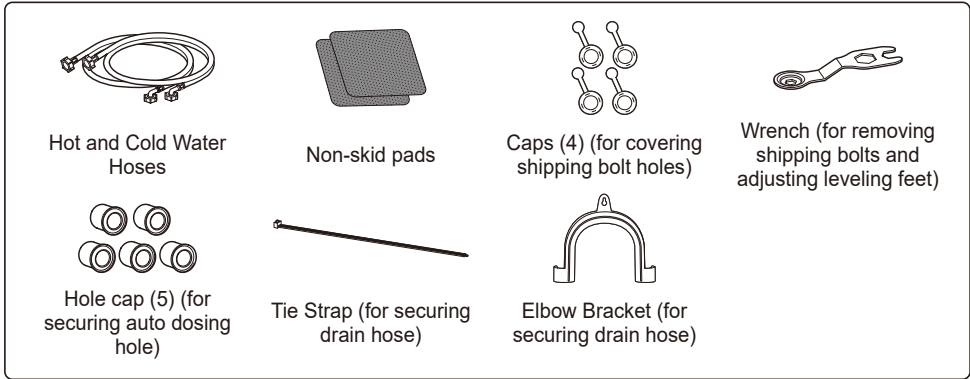
- Before discarding an old appliance, unplug it. Cut off the cable directly behind the appliance to prevent misuse.
- Dispose of all packaging materials (such as plastic bags and styrofoam) away from children. The packaging materials can cause suffocation.
- Remove the door before disposing of or discarding this appliance to avoid the danger of children or small animals getting trapped inside.

PARTS AND ACCESSORIES

Parts



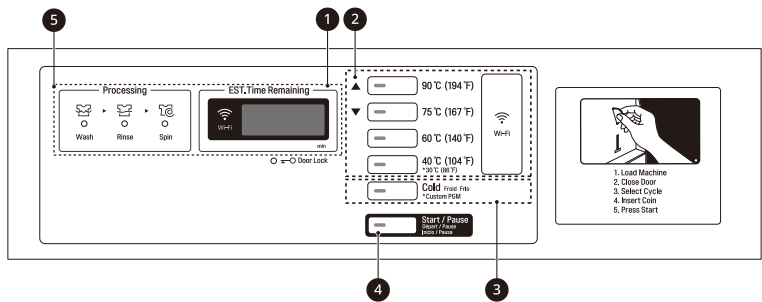
Accessories



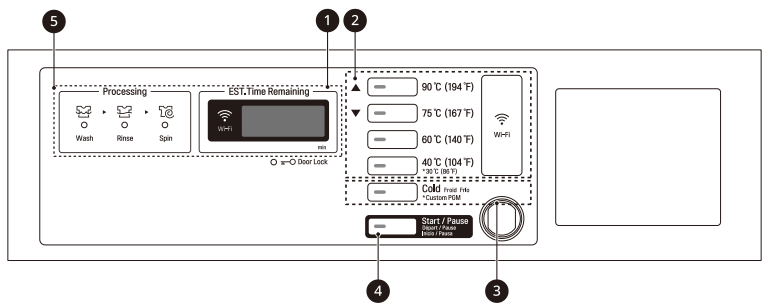
CONTROL PANEL FEATURES

Coin type

- Side by side(FH0C7FD4MS)



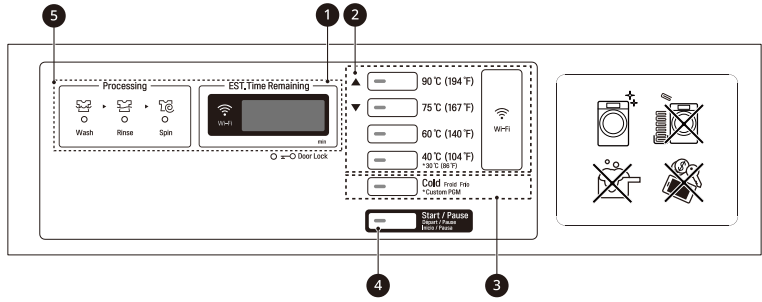
- Stack(FH0C7FDMS)



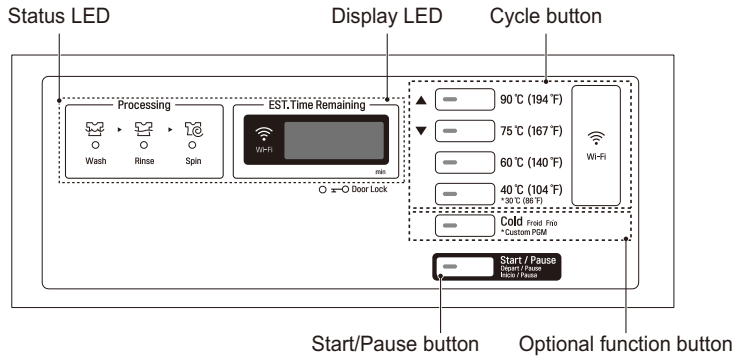
OPL type

- Side by side(FH0C7FD3MS)

- Stack(FH0C7FD2MS)



- 1 Display LED
- 2 Cycle button
- 3 Optional function button
- 4 Start/Pause button
- 5 Status LED



Display LED

The display shows the vend price and remaining time and programming options. Error codes are also displayed here.



Cycle Buttons

Press the CYCLE buttons to select the desired cycle based on laundry types and conditions.

90°C (194°F)

Use it for the more medical wash than 75°C (167°F) such as white clothes, baby clothes, sheets and underwear.

75°C (167°F)

Use it for heavy soiled fabrics such as white clothes, baby clothes, sheet and underwear.

60°C (140°F)

Use it for heavy soiled fabrics such as baby wear, underwear and white clothes.

40°C (104°F) / 30°C (86°F)

Use it for normal soiled fabrics such as cotton, linen, towels, shirts and jeans.

Cold

Use for cold washing for sturdy fabrics, such as casual work.

Optional function button

Custom PGM: Customized cycle program can be used. Only available in OPL type.

Start/Pause button

The Start/Pause LED flashes when the full vend price has been satisfied and the cycle has been chosen.

Status LED

LED	Description
 Wash	LED flashes whenever the Washing cycle is in operation.
 Rinse	LED flashes whenever the Rinsing cycle is in operation.
 Spin	LED flashes whenever the Spinning cycle is in operation.
 Door Lock	LED flashes whenever the door lock is activated.
 Wi-Fi	LED flashes when the Wi-Fi is connecting. LED stays lit when the Wi-Fi is connected.

INSTALLATION INSTRUCTIONS

Checking and choosing the proper location

Install the washing machine on a solid concrete cement that is strong and rigid enough to support the weight of the washing machine, even when fully loaded, without flexing or bouncing. If the floor has too much flex, you may need to reinforce it to make it more rigid. If the floor is not solid, it may cause severe vibration and noise.

- 1 Clean the floor before installation.
 - Make sure to select solid and smooth ground.
- 2 Two or more people are needed for moving and unpacking the washing machine.
- 3 Allow for sufficient space between the walls and the washing machine for installation.

Space requirements

You must allow sufficient space for water lines, the drain line, and airflow.

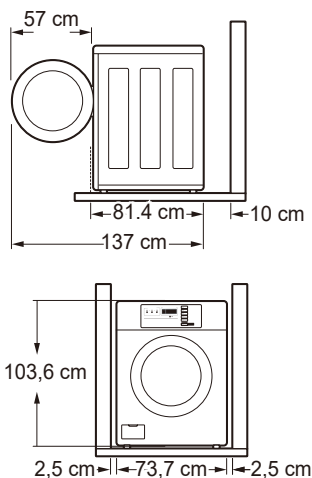
NOTE

- Be sure to allow for wall, door, or floor moldings that may increase the required clearances.

WARNING

- Certain internal parts are intentionally not grounded and may present a risk of electric shock only during servicing. Service personnel - Do not contact the following parts while the appliance is energized: pump, valve, motor, control board.

Installing on a floor



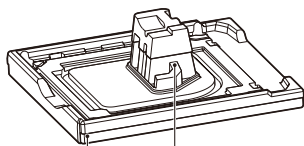
NOTE

- The floor must be strong and rigid enough to support the weight of the washer, when fully loaded, without flexing or bouncing. If your floor has too much flex, you may need to reinforce it to make it more rigid. A floor that is adequate for a top-loading washer may not be rigid enough for a front loading washer, due to the difference in the spin speed and direction. If the floor is not solid, your washer may vibrate and you may hear and feel the vibration throughout your house.
- Before installing the washer, make sure the floor is clean, dry and free of dust, dirt, water and oils so the washer feet can not slide easily. Leveling feet that can move or slide on the floor can contribute to excess vibration and noise due to poor contact with the floor.

Unpacking and removing shipping bolts

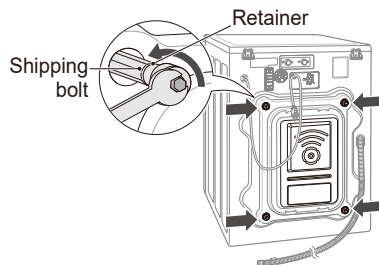
When removing the washer from the carton base, be sure to remove the foam drum support in the middle of the carton base. If you must lay the washer down to remove the base packaging materials, always lay it carefully on its side.

DO NOT lay the washer on its front or back.

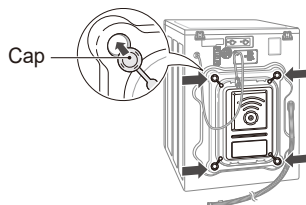


Carton Base Foam Tub Support

- 1 Remove the bottom two shipping bolts with the wrench (included) to fully loosen all four shipping bolts by turning them counterclockwise and then pulling them out.



- 2 Locate the four hole caps included in the accessory pack and install them in the shipping bolt holes.



NOTE

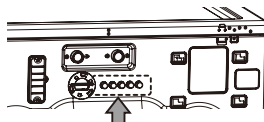
- Save the bolt assemblies for future use. To prevent damage to internal components, DO NOT transport the washer without reinstalling the shipping bolts.
- Failure to remove shipping bolts and retainers may cause severe vibration and noise, which can lead to permanent damage to the washer. The cord is secured to the back of the washer with a shipping bolt to help prevent operation with shipping bolts in place.

Installing Hole cap

- 1 Take the hole cap out from manual bag.



- 2 Insert the hole cap (5 pieces) into hose connect in back of the machine.

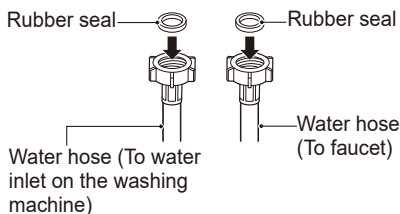


NOTE

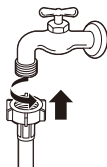
- In case of using auto dosing feature, inserting hole cap is unnecessary.

Connecting the water lines

- 1 Check the rubber seals on both sides of the hose.
 - Insert a rubber seal into the threaded fittings on each hose to prevent leaking.



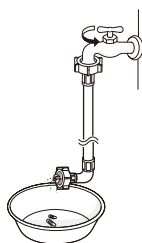
- 2 Connect the water supply hoses to the HOT and COLD water faucets tightly by hand and then tighten another 2/3 turn with pliers.
 - Connect the blue hose to a cold water faucet and the red hose to a hot water faucet.



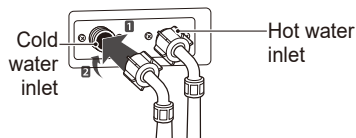
WARNING

- **Do not overtighten.** Damage to the coupling can result.

- 3 After connecting inlet hose to water faucets, turn on the water faucets to flush out foreign substances (dirt, sand, sawdust) in the water lines. Let water drain into a bucket, and check the water temperature.



- 4 Connect the hoses to the water inlets tightly by hand and then tighten another 2/3 turn with pliers.
 - Connect the blue hose to the cold water inlet and the red hose to the hot water inlet.



WARNING

- **Do not overtighten the hoses.** Overtightening can damage the valves resulting in leaking and property damage.

- 5 Check for leaks by turning on the faucets.
 - If water leaks, check steps 1 to 4 again.

NOTE

- For your safety, and for extended product life, use only authorized components. The manufacturer is not responsible for product malfunction or accidents caused by the use of separately purchased unauthorized parts.
- Use new hoses when you install the washing machine. Do not reuse old hoses. Use only the inlet hoses provided with the washer. LG does not recommend the use of aftermarket hoses.
- Periodically check the hoses for cracks, leaks and wear, and replace the hoses every 5 years.
- Do not stretch the water hoses intentionally, and make sure that they are not crushed by other objects.
- Water supply pressure must be between 1,0 kgf/cm² and 10,0 kgf/cm² (100~1000 KPa). If the water supply pressure is more than 10,0 kgf/cm², a pressure reducing valve must be installed.
- To provide optimum washing performance the hot water temperature should be set at 120-135°F (48-57°C) and the cold at 60°F (15°C).

Connecting the drain line

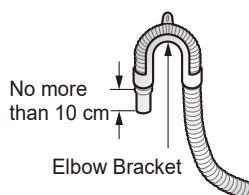
Secure the drain hose in place to prevent moving and leaking.

NOTE

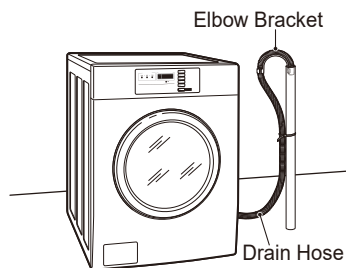
- The drain hose should be properly secured. Failure to properly secure the drain hose can result in flooding and malfunction.
- Total height of the hose end should not exceed 100,0 cm from the bottom of the washer.
- The drain must be installed in accordance with any applicable local codes and regulations.
- Make sure that the water lines are not stretched, pinched, crushed, or kinked.

Using a standpipe

- 1 Clip the end of the hose into the elbow bracket.
 - Connect the elbow bracket within 10 cm from the end of the drain hose. If the drain hose is extended more than 10 cm beyond the end of the elbow bracket, mold or microorganisms could spread to the inside of the washer.



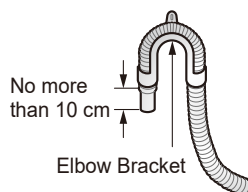
- 2 Insert the end of the drain hose into the standpipe.



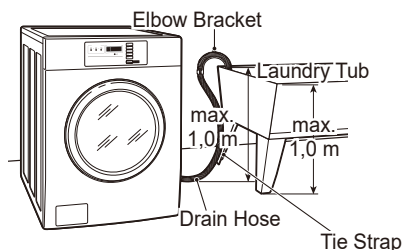
- 3 Use a tie strap to secure the drain hose in place.

Using a laundry tub

- 1 Clip the end of the hose into the elbow bracket.
 - Connect the elbow bracket within 10 cm from the end of the drain hose. If the drain hose is extended more than 10 cm beyond the end of the elbow bracket, mold, or microorganisms could spread to the inside of the washer.

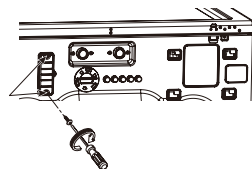


- 2 Hang the end of the drain hose over the side of the laundry tub.



- 3 Use a tie strap to secure the drain hose in place.

Connecting the auto dosing



- 1 Unscrew the 2 screws on the protective cover and remove the cover.
- 2 Connect the auto dosing harness from Accessory parts.

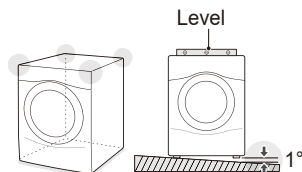
NOTE

- The voltage of the auto dosing machine should be the same as the washer's voltage.

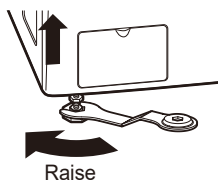
Leveling the washing machine

The washer tub of your new washing machine spins at very high speeds. To minimize vibration, noise, and unwanted movement, the floor must be perfectly level and solid.

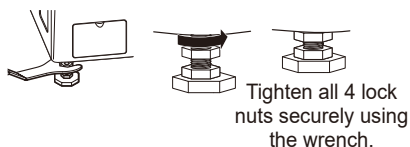
- 1 Check the washing machine's level.
 - Check the precise level by rocking the top edges of the washing machine or placing a level on the washing machine. The slope beneath the washing machine must not exceed 1°, and all four leveling feet must rest firmly on the floor.



- 2 Turn the lower leveling feet clockwise to level the washing machine.
 - Turning the lower leveling feet clockwise raises the washing machine.



- 3 Turn the locknuts counterclockwise and tighten them when the washing machine is level.



- 4 Check the washing machine's level again.
 - Push or rock the top edges of the washing machine gently to make sure that the washing machine does not rock.
 - If the washing machine rocks, repeat steps 1 to 3.

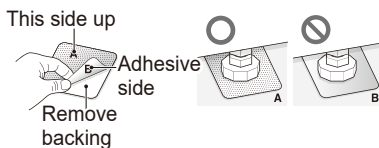
WARNING

- Using the washing machine without leveling, it may result in malfunction caused by the production of excess vibration and noise.
- **Use the leveling feet only when you level the washing machine.** If you raise the leveling feet unnecessarily, it may cause abnormal vibration of the washing machine.

Using non-skid pads (optional)

If you install the washing machine on a slippery surface, it may move because of excessive vibration. Incorrect leveling may cause malfunction through noise and vibration. In the event of this, lay the non-skid pads under the leveling feet and adjust the level.

- 1 Clean the floor to attach the non-skid pads.
 - Use a dry rag to remove and clean foreign objects or moisture. If moisture remains, the non-skid pads may slip.
- 2 Adjust the level after placing the washing machine in the installation area.
- 3 Place the adhesive side of the non-skid pad on the floor.
 - It is most effective to install the non-skid pads under the front legs. If it is hard to place the pads under the front legs, place them under the back legs.



- 4 Check the washing machine's level again.
 - Push or rock the top edges of the washing machine gently to make sure that the washing machine does not rock. If the washing machine rocks, level the washing machine again.

PREPARATION

Precautions for fabric care before wash cycle

Read and observe the following to prevent shrinkage or damage to clothes.

- Check all pockets to make sure that they are empty.
 - Items such as clips, matches, pens, coins, and keys can damage both your washer and your clothes.
- Close zippers, hooks, and drawstrings to prevent these items from snagging or tangling on other clothes.
- Pretreat heavily stained areas before washing.
 - Doing so will produce clean, stain-free results.
- Combine large and small items in a load. Load large items first.
- The washer can be fully loaded, but the drum should not be tightly packed with items.
 - The door of the washer should close easily.
- Do not wash waterproof clothes.
 - This may cause abnormal vibration or may cause the load to bounce, which could damage the tub.
- Check if there are any other foreign objects in the door seal and take extra care that clothes do not get caught there.
 - Foreign objects in the door seal may stain clothes, and water may leak if clothes get caught in the door seal.
- Wash underwear or small, light items in a laundry net.
 - Small, light items may get caught in the door seal, and a brassiere hook may damage other items or the tub.
- Brush heavy soil, dust, or hair off fabrics before washing.
 - Laundry may not wash clean if there is dirt or sand on the fabrics, or they may be damaged due to particles rubbing against sheer fabrics.
- Wash blankets individually.
 - Washing more than one blanket together may produce unclear results due to tangling or an unbalanced load.
- Always separate fabrics according to their colors and wash them separately to prevent colors from running.
 - Fabrics may damage or become stained due to fabric dyes running or due to foreign objects transferring from one fabric to another.

Fabric care labels

Most articles of clothing feature fabric care labels that include instructions for proper care.

Category	Label	Directions
 Washing		Hand Wash
		Machine Wash, Normal Cycle
		Use Permanent Press/ Wrinkle Resistant washing machine setting (which has a cool down or cold spray before the reduced spin)
		Use Gentle/Delicate washing machine setting (slow agitation and/ or reduced wash time).
		Do Not Wash
		Do Not Wring
Water Temperature	...	Hot
	..	Warm
	.	Cold/Cool
 Bleach symbols		Any Bleach (When Needed)
		Only Non-Chlorine Bleach (When Needed)
		Do Not Bleach

Sorting laundry

It is recommended that you sort laundry into similar loads that are washable in the same cycle. Refer to the following chart for sorting clothes

Colors	Whites / Lights / Darks
Soil	Heavy / Normal / Light
Fabric	Delicates / Easy Care / Sturdy Cottons
Lint	Lint Producers / Lint Collectors

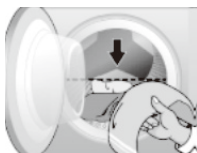
How to wash better

It is recommended to follow the below guide for better wash performance.

Load Type	Recommended Capacity	How to Wash Better
Everyday Clothes	Less Than 13kg	Frontload washers use dropping action for wash performance. Therefore, it is better to NOT fully load the drum. Oversudsing also prevents efficient wash performance.
Blanket	Less Than 9kg	Do not use 2 blankets with big differences in size. It may not extract properly. Use similar-sized blankets.
Bed Sheets	Less Than 9kg	Any Bleach (When Needed)
Carpet/Rug	Do Not Use	Only Non-Chlorine Bleach (When Needed)
Footwear	Do Not Use	Do Not Bleach
Pillow	Do Not Use	

Laundry loading guide

Loading your laundry following the below guide will help to increase the lifetime and wash performance of the washer



- Single items or mixed items that include large items should be less than half of the maximum capacity(dry condition).
 - Single items : Consists only of one type of garment, such as 5kg of towel.
 - Mixed items : Consists of various types of garments.
 - Large item : bed linen/sheet, bath sheet, bath towel, and blanket.
- Mixed items (without large items) should only be loaded up to 2/3 of the drum for optimal performance.

NOTE

- Do not overload as this reduces cleaning efficiency and causes gasket wear.

About the dispenser

The automatic dispenser consists of three compartments which hold:

- Liquid chlorine bleach.
- Liquid fabric softener.
- Liquid and powdered detergent and colorsafe bleach for main wash.

All laundry products can be added at once in their respective dispenser compartments. They will be dispensed at the appropriate time for the most effective cleaning.

After adding the laundry products to the dispenser, close the dispenser cover.

To add detergent, bleach, and fabric softener to the automatic dispenser:

- 1 Open the dispenser cover.
- 2 Load the laundry products into the appropriate compartments.
- 3 Slowly close the dispenser cover to avoid early dispensing of the laundry products.

NOTE

- It is normal for a small amount of water to remain in the dispenser compartments at the end of the cycle.

Loading the dispenser

Main Wash Detergent Compartment

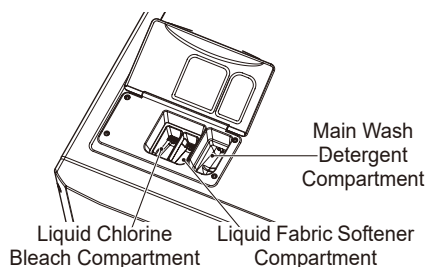
This compartment holds laundry detergent for the main wash cycle, which is added to the load at the beginning of the cycle.

Follow the detergent manufacturer's instructions with respect to the amount of detergent to use, and never use more than the recommended amount. Using too much detergent can result in detergent buildup in clothing and the washer. Either powdered or liquid detergent may be used.

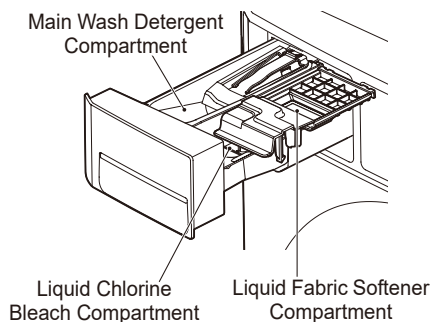
NOTE

- Liquid or powdered color-safe bleach may be added to the main wash compartment with detergent of the same type.

- Single model -



- Stack model -



Liquid Bleach Compartment

This compartment holds liquid chlorine bleach, which will be dispensed automatically at the proper time during the wash cycle.

NOTE

- Do not add powdered or liquid color-safe bleach to this compartment.
- Always follow the manufacturer's recommendations when adding bleach. Do not exceed the maximum fill line. Using too much bleach can damage fabrics.
- Never pour undiluted liquid chlorine bleach directly onto the load or into the drum. Fabric damage can occur.

Fabric Softener Compartment

This compartment holds liquid fabric softener, which will be automatically dispensed during the final rinse cycle.

NOTE

- Always follow the manufacturer's recommendations when adding fabric softener. Do not exceed the maximum fill line. Using too much fabric softener may result in stained clothes.
- Dilute concentrated fabric softeners with warm water. Do not exceed the maximum fill line.
- Never pour fabric softener directly onto the load or into the drum.
- Do not add the fabric softener sheets to this compartment.
- Do not add 'fabric sheet softener' into the dispenser draw as it is likely to cause water to leak out. If 'fabric sheet softener' has been added, please pull out the dispenser draw and remove.

OPERATING YOUR WASHER

- 1 Ready mode
- All types of machines show 'PUSH'

NOTE

- Price setting varies by country
- Set your country from **LoC** mode
- After EEPT, reset your country (Default country is EUK)

- 2 Select the cycle

Press the desired button and the display will show you the price of the cycle.(You cannot change the cycle while the machine is running.)

- **Select cycles designed for different types of fabric and soil levels.**

CYCLE	Wash/Rinse Temp.
90°C (194°F)	Extra Hot/Cold
75°C (167°F)	Extra Hot/Cold
60°C (140°F)	Hot/Cold
40°C (104°F)	Warm/Cold
30°C (86°F)	Warm/Cold
Cold	Cold/Cold

NOTE

- When the card balance is insufficient, machine displays **bAL** and the card balance.

- 3 Insert Coin/Card (Not for OPL type)

Insert a sufficient amount of change that is more than the programmed vend price for the selected cycle.Insert a card that has a sufficient balance. The card balance should be more than the programmed vend price for the selected cycle.

- 4 Change cycle

You can not change the cycle while the machine is running.

- 5 Cycle finish

The machine stops and the display shows 'End' with beep sound.

* Do not work any button when a cycle is in progress.

 **WARNING**

- To reduce the risk of fire, electric shock, or injury to persons, **read the IMPORTANT SAFETY INSTRUCTIONS** before operating this appliance.

PROGRAMMING MODE

: You can check machine information or change setting on Program setup, collect information data, Diagnostic test.

There are two methods that you can enter programming mode.

How to enter Programming mode:

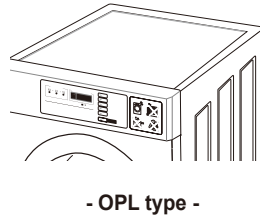
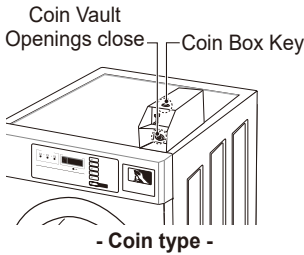
- **Coin type** – Turn on/off the toggle switch.
- **All types** –

- 1 Press the 1st & 3rd button at the same time. **0---**
- 2 Press the 2nd & 3rd buttons to toggle numbers. Then, press the 4th button to move to the next digit. **-0--**
- 3 Press the Start button to finish password input. **L9C1**

* Default Password : 3000

<Control Panel Button>

1st		90 °C (194 °F)
2nd		75 °C (167 °F)
3rd		60 °C (140 °F)
4th		40 °C (104 °F)
5th		Cold Frost Frio * 30 °C (86 °F) * Custom PGM
Start		Start / Pause Repair / Pause Unlock / Reset



NOTE

- If you turn on the power without connecting meter case for the first time, the machine display **L9C1**.
- When the machine is shipped from the factory, it is **set in the coin type**. You can change Card/Coin type by button. (For more information refer to SETUP mode.)
- The machine will display PUSH for OPL type
- Price setting varies by country
- Set your country from **L0C1** mode (Refer How to enter the **E4PE**)
- After EEPT, reset your country (Default country is EUK)

Structure of Programming mode – Coin type

Algorithm flow chart shows how to control the programming mode.

Before program set, check the structure of the programming mode.

- 1 Turn on/off toggle switch or Insert service card, for entering set up mode (or follow OPL type instructions).
- 2 Press 90°C (194°F) button to move to the upper level.
- 3 Press 75°C (167°F)(+) or 60°C (140°F)(-) button if you want to be at the same level.
- 4 Press Start button to enter the details of Set up or Diagnostic Tests.

SETUP is to set price value, time value, vend type, etc.

TEST consists of line test, reset, free cycle, and kill cycle.

CLCB is to collect the usage data.

SETUP		TEST		CLCB	
rgpr	UESd	L9C1	rgpr	ACr4	1tUC
sppr	AUCt	L9C2	rgp1	ACr5	1tU1
scpr	Co1	L1FE	rgp2	ACr6	ACt1
rupr	P1Pa	EEPt	rgp3	SCPr	1tEC
FEr1	6EEP	E13E	rgp4	1tSC	ACtC
FEr2	FEFr	COUr	rgp5	ACSC	1tUd
FEr3	E4PE	h1LL	rgp6	AUPr	ACd
sppd	dPtc	PASS	1trC	1tAU	1tSd
SPbt	COSt	tcl	1tr1	ACAU	ACSD
SPEt			1tr2	1tSU	1tA3
PrSt			1tr3	ACSU	ACR3
EECC			1tr4	1tFC	ACdP
nrPC			1tr5	ACFC	ACtL
nrPt			1tr6	ACrt	ACPC
tSSd			ACrC	1trr	
UULE			ACr1	1tbb	
rSEn			ACr2	1tPd	
dHUE			ACr3	1tdd	
rSUE					

NOTE

- Do not use **L9C2**, **L1FE**. (It is used only in inspecting the machine.)
- Price setting varies by country
- Set your country from **Co1** mode (Refer How to enter the **E4PE**)
- **P1Pa** This function is for Card type only.
- After EEPT, reset your country (Default country is EUK)

Structure of Programming mode – OPL type

Algorithm flow chart shows how to control the programming mode.

Before program set, check the structure of the programming mode.

- 1 Turn on/off toggle switch or Insert service card, for entering set up mode (or follow OPL type instructions).
- 2 Press 90°C (194°F) button to move to the upper level.
- 3 Press 75°C (167°F)(+) or 60°C (140°F)(-) button if you want to be at the same level.
- 4 Press Start button to enter the details of Set up or Diagnostic Tests.

SETUP is to set price value, time value, vend type, etc.

TEST consists of line test, reset, free cycle, and kill cycle.

CLCB is to collect the usage data.

SETUP		TEST		CLCB	
SPR	WESd	L9C1	ACF4	16UC	
SPR	AVCb	L9C2	ACF5	16U1	
SCP	CB1	L1FE	ACF6	ACU1	
AUP	PIPO	EEPt	SCP	16UC	
FER1	6EEP	E13E	16SC	ACUC	
FER2	FEFR	COUP	ACSC	16d	
FER3	E4PE	KILL	AUP	ACd	
SPPd	dPUC	PASS	16AU	16SD	
SPbE	CUSt	bCL	ACAU	ACSD	
SPEE			16SU	16A3	
PrSt			ACSU	ACR3	
CCCC			16FC	ACdP	
nrPC			ACFC	ACUL	
nrPt			ACrE	ACPC	
ESSd			16nr		
WULE			16bb		
FSEn			16Pd		
dhUE			16dd		
FSUE					

NOTE

- Do not use **L9C2**, **L1FE**. (It is used only in inspecting the machine.)

PROGRAMING MODE – SETUP MODE

Setup Mode : **SETUP** (display)

You can change washer vend price, cycle time, and cycle parameters, etc.

How to enter Programming mode:

- **Coin type** – Turn on/off the toggle switch.
 - **All types** –
- 1 Press the 1st & 3rd button at the same time. **0---**
 - 2 Press the 2nd & 3rd buttons to toggle numbers. Then, press the 4th button to move to the next digit. **-0--**
 - 3 Press the Start button to finish password input. **L9C1**

* Default Password : 3000

<Control Panel Button>

1st  90 °C (194 °F)

2nd  75 °C (167 °F)

3rd  60 °C (140 °F)

4th  40 °C (104 °F)

5th  Cold Frost Free
*Custom PCM

Start  Start / Pause
Stop / Reset
Wash / Rinse

1. **RGPR** Regular Price Setup

How to set regular prices for all/each course.

Regular Price Setup		Display
Enter SVC mode		L9C1
Press 1st button		EESE
Press 2nd button		SETUP
Press start button		RGPR
Press 2nd button or 3rd button	Until display shows	RGPR
Press start button		ALL
Select the setting you want	Start button to select : ➡	
Button functions:	1st button to go back a step : ➡	
Start button = Select	SETUP ➡ RGPR ➡ ALL ➡ 2.00	
1st button = Go back a step	COS1	
2nd button = Move up or increase value	2nd button move up : ➡ COS2	
3rd button = Move down or decrease value	3rd button move to down : ➡ COS3	
Press Start to set the price	The next course setting will be displayed.	COS1

NOTE

- Range : 0,00~10,00
- Increments : 0,1
- ALL is to select the default prices for all the courses at once.
- Select individual price for COS1~6.
- COS1 : 90°C (194°F)

- COS2 : 75°C (167°F)
- COS3 : 60°C (140°F)
- COS4 : 40°C (104°F)
- COS5 : Cold
- COS6 : 30°C (86°F)

* Individual course prices are prioritized above **ALL**.
– Set your currency type using **Loc1**

2.**SPPr** Special Price Setup

How to set special prices for all/each course.

Special Price Setup		Display
Enter SVC mode		L901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		SPPr
Press 2nd button or 3rd button	Until display shows	SPPr
Press start button		ALL
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ SPPr ▶ ALL ▶ 100 COS1 COS2 COS3 COS4 COS5 COS6	
Press Start to set the price	The next course setting will be displayed.	COS1

NOTE

- Range : 0,00~10,00
- Increments : 0,1
- ALL is to select the default prices for all the courses at once.
- Select individual price for COS1~6.
- COS1 : 90°C (194°F)

- COS2 : 75°C (167°F)
- COS3 : 60°C (140°F)
- COS4 : 40°C (104°F)
- COS5 : Cold
- COS6 : 30°C (86°F)
- * Individual course prices are prioritized above **ALL**
 - Set your currency type using **Loc1**

3. **SCPr** Add Super Wash Price Setup

How to set Add Super Wash Price.

* Add Super Wash is used to add extra wash, rinse, or both (only in Pay type).

Add Super Wash Price Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29Pr
Press 2nd button or 3rd button	Until display shows	SCPr
Press start button		0.25
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ► SCPr ► 0.5	0.50
Press Start to set the price	The next menu setting will be displayed.	8UPr

NOTE

- Range : 0,00~10,00
- Increments : 0,1
 - Set your currency type using **Loc1**

5.FEAT Features of the Machine (1st Set)

How to set up Features of the Machine. There are multiple setup features under FEAT.

Features of the Machine (1st Set)		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P2
Press 2nd button or 3rd button	Until display shows	FEAT
Press start button		SPdE
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ► FEAT ► SPdE PR4h 3-PL EE 1n PAUS	
Press Start to set sub-function		

NOTE

- SPdE : Special price day enable or disable
- PR4h : Easy entry payment cycle kill enable or disable
- 3-PL : Maximum rpm limit enable or disable
- EE 1n : Twin spray enable or disable
- PAUS : Pause function enable or disable

5-2.**PA4h** Easy Entry Payment Cycle Kill Setup

Easy entry cycle kill can be enabled or disabled in the payment cycle

Easy Entry Payment Cycle Kill Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P2
Press 2nd button or 3rd button	Until display shows	FEA1
Press start button		SPdE
Press 2nd button or 3rd button	Until display shows	PA4h
Press start button		d15b
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ FEA1 ▶ PA4h ▶ d15b EnAb	
Press Start to enable or disable	The next menu setting will be displayed.	32PL

NOTE

d15b Shortcut key not available

EnAb Shortcut key available

- Shortcut key : Press and hold the start button for at least 3seconds

5-3. **3-PL** Max RPM Limit Setup

Max RPM Limit Setup can be used to enable/disable the ability to limit the max RPM during spin process.

Max RPM Limitation Setup		Display
Enter SVC mode		L900
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29Pr
Press 2nd button or 3rd button	Until display shows	FEA1
Press start button		SPDE
Press 2nd button or 3rd button	Until display shows	3-PL
Press start button		d15b
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ FEA1 ▶ 3-PL ▶ d15b ERRb	
Press Start to enable or disable	The next menu setting will be displayed.	EEIn

NOTE

If enabled, the max RPM will adjust according to the laundry load.
Max RPM will be reduced for highly unbalanced loads.

5-4. **EE In** Twin Spray Setup

Twin Spray Setup can be used to enable/disable water circulation during tumble.

Twin Spray Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		SPPE
Press 2nd button or 3rd button	Until display shows	FEET
Press start button		SPDE
Press 2nd button or 3rd button	Until display shows	EE In
Press start button		DISB
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ FEET ▶ EE In ▶ DISB EnAb	
Press Start to enable or disable	The next menu setting will be displayed.	PAUS

NOTE

For better wash performance, twin spray pumps up water from the bottom of the tub to spray soapy water on laundry while tumbling.

6.FEER2 Features of the Machine (2nd Set)

How to set up features of the machine. There are multiple setup features under FEER2.

Features of the Machine (2nd Set)		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P2
Press 2nd button or 3rd button	Until display shows	FEER2
Press start button		SbEn
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ FEER2 ▶ SbEn SUUE AUUE SPUE Ec oP Ec HE Ec bE	

NOTE

SbEn : 5th button fuction select (Add super wash or Auto dosing charging)

SUUE : Add super wash enable or disable

AUUE : Auto dosing function enable or disable

SPUE : Add super wash type

Ec oP : Tub clean load detection enable or disable

Ec HE : Tub clean heater usage enable or disable

Ec bE : Tub clean easy entry function enable or disable

6-1. **SbLn** 5th Button Type Setup

5th Button Type Setup can be used to set the function of the 5th button.

5th Button Type Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P2
Press 2nd button or 3rd button	Until display shows	FEA2
Press start button		SbLn
Press 2nd button or 3rd button	Until display shows	AdDS
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ► FEA2 ► SbLn ► AdDS Auto	
Press Start to set sub-fuction	Display returns to standby mode.	

NOTE

Setting to **AdDS** will make the 5th button function as Add Super Wash.

Setting to **Auto** will make the 5th button function as payment for auto dosing.

6-2.**SUUE** Add Super Wash Setup

Add Super Wash Setup can be used to enable/disable the super wash function.

* Add Super Wash is used to add extra wash, rinse, or both (only used in Pay type).

Add Super Wash Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P2
Press 2nd button or 3rd button	Until display shows	FEA2
Press start button		SBEN
Press 2nd button or 3rd button	Until display shows	SUUE
Press start button		ENAB
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ FEA2 ▶ SUUE ▶ ENAB disb	
Press Start to enable or disable	The next menu setting will be displayed.	AUTE

6-3.**RULE** Auto Dosing Setup

Auto Dosing Setup can be used to enable/disable the Auto dosing function.

Auto Dosing Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		F9P2
Press 2nd button or 3rd button	Until display shows	FEA2
Press start button		SEEA
Press 2nd button or 3rd button	Until display shows	RULE
Press start button		ENAB
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ FEA2 ▶ RULE ▶ ENAB d156	
Press Start to enable or disable	The next menu setting will be displayed.	SPCE

6-4.**SPEC** Add Super Wash Type Setup

Add Super Wash Type Setup can be used to add extra wash cycle, rinse cycle, or both.

Add Super Wash Type Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		FEPA
Press 2nd button or 3rd button	Until display shows	FEA2
Press start button		SEEA
Press 2nd button or 3rd button	Until display shows	SPEC
Press start button		both
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ FEA2 ▶ SPEC ▶ both UP DOWN	
Press Start to set sub-fuction	The next menu setting will be displayed.	EEPA

NOTE

both : Both (Increase wash time and rinse once more)

UP : Increase wash time

DOWN : Rinse once more

6-5. **EECP** Tub Clean Load Detection Setup

Tub Clean Load Detection Setup can be used to enable/disable the ability to detect laundry load during tub clean. If enabled, the washer will detect whether or not a load is present in the washer.

Tub Clean Load Detection Setup		Display
Enter SVC mode		U900
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P2
Press 2nd button or 3rd button	Until display shows	FEA2
Press start button		56E7
Press 2nd button or 3rd button	Until display shows	EECP
Press start button		EnAb
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ► FEA2 ► EECP ► EnAb d156	
Press Start to enable or disable	The next menu setting will be displayed.	EEHE

6-6. **EEHt** Tub Clean Heater Setup

Tub Clean Heater Setup can be used to enable/disable the ability to use the heater during tub clean. If enabled, the heater will be used for the tub clean.

Tub Clean Heater Setup		Display
Enter SVC mode		L900
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P2
Press 2nd button or 3rd button	Until display shows	FEA2
Press start button		SEtA
Press 2nd button or 3rd button	Until display shows	EEHt
Press start button		d15b
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ► FEA2 ► EEHt ► d15b ERRb	
Press Start to enable or disable	The next menu setting will be displayed.	EEbE

6-7. **EEbE** Tub Clean Button Setup

Tub Clean Button Setup can be used to enable/disable the easy entry function for the new tub clean

Tub Clean Button Setup		Display
Enter SVC mode		U9C1
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		F9P2
Press 2nd button or 3rd button	Until display shows	FEA2
Press start button		SEtA
Press 2nd button or 3rd button	Until display shows	EEbE
Press start button		EnAb
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ FEA2 ▶ EEbE ▶ EnAb d15b	
Press Start to enable or disable	The next menu setting will be displayed.	SEtA

NOTE

d15b Shortcut key not available

EnAb Shortcut key available (Press and hold 1st and 2nd button in same time)

7.FERR Features of the Machine (3rd Set)

How to set up features of the machine. There are multiple setup features under FERR.

Features of the Machine (3rd Set)		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		F9P2
Press 2nd button or 3rd button	Until display shows	FERR
Press start button		S1EE
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ FERR ▶ S1EE SPon ItcL 93od H4CS	

NOTE

- S1EE : Spin type
- SPon : Spin only easy entry function enable or disable
- ItcL : Initial tub clean enable or disable
- 93od : quick mode enable or disable
- H4CS : hygiene cycle enable or disable

7-1. **51EE** Spin Type Setup

Spin Type Setup can be used to select spin type between multi-housing type and coin laundry type.

Spin Type Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		F9P2
Press 2nd button or 3rd button	Until display shows	FEA3
Press start button		51EE
Press start button		3ULE
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ► FEA3 ► 51EE ► 3ULE LAU2	
Press Start to set spin type	The next menu setting will be displayed.	SP00

NOTE

3ULE Vibration is lower than Coin type, but spin entry time may be longer. This setting is recommended for locations with bad flooring conditions, such as apartments or dormitories.

LAU2 Vibration is higher than Multi type, but spin entry time will be shorter. This setting is recommended for locations with good flooring conditions, such as laundromats.

- Long spin entry time means an increase in total cycle time.

7-2.**SPon** Spin Only Easy Entry Setup

Spin Only Easy Entry Setup can be used to enable/disable the easy entry function for the spin only.

Spin Only Easy Entry Setup		Display
Enter SVC mode		
Press 1st button		
Press 2nd button		
Press start button		
Press 2nd button or 3rd button	Until display shows	
Press start button		
Press 2nd button or 3rd button	Until display shows	
Press start button		
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value		
Press Start to enable or disable	The next menu setting will be displayed.	

NOTE

- In the case when the washer completes a cycle but the clothes are still very wet, the spin only feature will be activated and ready for use.
- This condition is based on the program of the machine, in some cases it may not be available. Even if the spin only is not available to the customer after a load, it does not mean the washer requires service.

7-3. How to use Spin only easy entry

When the washer completes a cycle but the clothes are still very wet, please run a spin only cycle using the easy entry function.

Spin only easy entry		Display
Press and hold 5th button for at least 3 seconds.	Display shows SP In if the function is activated.	SP In
Press start button	Display will show the remaining time and the Spin only cycle starts.	
	When the Spin only cycle is finished, End is displayed with beeping.	End
	Go back to ready mode.	

NOTE

- There will be no visible indication even when the Spin Only Easy Entry function becomes activated. The machine will be in ready/idle mode.
 - PA4** type: PUSH is displayed.
 - FE6** type: PUSH is displayed.

7-5. How to use Pre clean

When the customer or manager want to use short clean the tub before the normal cycle, please run a pre clean cycle.

Pre Clean Entry		Display
Press and hold 1st button for at least 3 seconds.	Display shows 0003 if the function is activated.	0003
Press start button	Display will show the remaining time and the Pre clean cycle starts.	
	When the Pre clean cycle is finished, End is displayed with beeping.	End
	Go back to ready mode.	

NOTE

- After one cycle, additional cycles are not possible continuously.
- There will be no visible indication even when the Pre clean becomes activated. The machine will be in ready/idle mode.
 - **PA4** type: PUSH is displayed.
 - **FE6** type: PUSH is displayed.

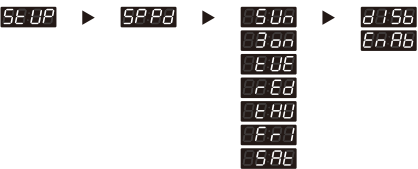
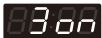
7-6. 93od Quick mode setup

Quick mode setup can be used to enable/disable the use quick cycle.

Quick Mode Setup		Display
Enter SVC mode		U9C1
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		F9P2
Press 2nd button or 3rd button	Until display shows	FEA3
Press start button		S1EE
Press 2nd button or 3rd button	Until display shows	93od
Press start button		EnAb
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ FEA3 ▶ 93od ▶ EnAb d15b	
Press Start to enable or disable	The next menu setting will be displayed.	H4C5

8. Special Price Day Setup

Special Price Day Setup can be used to select which days to apply special prices.

Special Price Day Setup		Display
Enter SVC mode		
Press 1st button		
Press 2nd button		
Press start button		
Press 2nd button or 3rd button	Until display shows	
Press start button		
Press Start button		
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value		
Press Start to enable or disable	The next menu setting will be displayed.	

9. Special Price Beginning Time Setup

Special Price Beginning Time Setup can be used to set the start time of special prices.

Special Price Beginning Time Setup		Display
Enter SVC mode		
Press 1st button		
Press 2nd button		
Press start button		
Press 2nd button or 3rd button	Until display shows	
Press start button		
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value		
Press Start to set time	The next menu setting will be displayed.	

NOTE

- Make sure to set up the Time feature before using this feature.
- Range : 0~23 hr
- Increments : 1

10. **SPEE** Special Price Ending Time Setup

Special Price Ending Time Setup can be used to set the end time for special prices.

Special Price Ending Time Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P2
Press 2nd button or 3rd button	Until display shows	SPEE
Press start button		00:00
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ► SPEE ► 00:00	
Press Start to set time	The next menu setting will be displayed.	P2SE

NOTE

- Range : 1~24 hr
- Increments : 1

11.**PrSE** Prewash Setup

Prewash Setup can be used to set option for prewash.

Prewash Setup		Display
Enter SVC mode		0901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29Pr
Press 2nd button or 3rd button	Until display shows	PrSE
Press start button		0051
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ PrSE ▶ 0051 ▶ PrEn 0052 ▶ PrHC 0053 ▶ PrCE 0054 0055 0056	
Press Start to set option	The next menu setting will be displayed.	PrHC

NOTE

- PrEn** : Prewash available(**disb** : disable / **EnAb** : enable)
- PrHC** : Prewash valve(**Hot** : hot valve / **Cold** : cold valve)
- **PrHC** is used only on single type model.
- PrCE** : Prewash time(Range : 4~8)

12. **EEEE** Wash Time Setup

Wash Time Setup can be used to set the duration of the wash process.

Wash Time Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P2
Press 2nd button or 3rd button	Until display shows	EEEE
Press start button		0051
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ► EEEE ► 0051 ► 0020 0052 0053 0054 0055 0056	
Press Start to set time	The next course setting will be displayed.	0052

NOTE

- Range : 0~30 min
- Increments : 1
- COS1 : 90°C (194°F)
- COS2 : 75°C (167°F)
- COS3 : 60°C (140°F)
- COS4 : 40°C (104°F)
- COS5 : Cold
- COS6 : 30°C (86°F)

13.**nr PC** Number of Rinses per Cycle Setup

Number of Rinses per Cycle Setup can be used to set number of rinses for one cycle.

Number of Rinses per Cycle Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		F9P2
Press 2nd button or 3rd button	Until display shows	nr PC
Press start button		COS1
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ► nr PC ► COS1 ► COS2 COS3 COS4 COS5 COS6	
Press Start to set the number of cycles	The next course setting will be displayed.	COS2

NOTE

- Range : 1~5
- Increments : 1
- COS1 : 90°C (194°F)
- COS2 : 75°C (167°F)
- COS3 : 60°C (140°F)
- COS4 : 40°C (104°F)
- COS5 : Cold
- COS6 : 30°C (86°F)

14. **00RE Rinse Time Setup**

Rinse Time Setup can be used to set the duration of one rinse.

Rinse Time Setup		Display
Enter SVC mode		0901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P2
Press 2nd button or 3rd button	Until display shows	00RE
Press start button		0051
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ► 00RE ► 0051 ► 0052 0053 0054 0055 0056	
Press Start to set time	The next course setting will be displayed.	0052

NOTE

- Multiple **00RE** and **00PE** to calculate total rinse process time
- Range : 8~16 min
- Increments : 1
- COS1 : 90°C (194°F)
- COS2 : 75°C (167°F)
- COS3 : 60°C (140°F)
- COS4 : 40°C (104°F)
- COS5 : Cold
- COS6 : 30°C (86°F)

15. ~~E55d~~ Top Spin Speed Setup

Top Spin Speed Setup can be used to set the maximum RPM for the spin process.

Top Spin Speed Setup		Display
Enter SVC mode		
Press 1st button		
Press 2nd button		
Press start button		
Press 2nd button or 3rd button	Until display shows	
Press start button		
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value		
Press Start to set the number	The next course setting will be displayed.	

NOTE

- Range : 0~6
 - Increments : 1
 - COS1 : 90°C (194°F)
 - COS2 : 75°C (167°F)
 - COS3 : 60°C (140°F)
 - COS4 : 40°C (104°F)
 - COS5 : Cold
 - COS6 : 30°C (86°F)
- 0 : 1000 RPM
 - 1 : 1000 RPM
 - 2 : 900 RPM
 - 3 : 800 RPM
 - 4 : 700 RPM
 - 5 : 600 RPM
 - 6 : 500 RPM

16. **WULE** Water Level Setup

Water Level Setup can be used to set the water supply level.

Water Level Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		F9P2
Press 2nd button or 3rd button	Until display shows	WULE
Press start button		COS1
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ► WULE ► COS1 ► 31dd COS2 ► 0000 COS3 ► 00H1 COS4 COS5 COS6	
Press Start to set the level	The next course setting will be displayed.	COS2

NOTE

- COS1 : 90°C (194°F)
 - COS2 : 75°C (167°F)
 - COS3 : 60°C (140°F)
 - COS4 : 40°C (104°F)
 - COS5 : Cold
 - COS6 : 30°C (86°F)
- Water level frequency
 - High : 23,0 KHz
 - Middle : 23,3 KHz (cold course : 23,5 KHz)
 - Low : 23,8 KHz

17.**rSEn** Rinse Spin Setup

Rinse Spin Setup can be used to enable/disable spin during rinse cycle.

Rinse Spin Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		r9Pr
Press 2nd button or 3rd button	Until display shows	rSEn
Press start button		rS1
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ rSEn ▶ rS1 rS2 rS3 rS4 rS5 ▶ EnRb disb	
Press Start to enable or disable	The next course setting will be displayed.	rS2

NOTE

- rS1** : 1st rinse spin skip
- rS2** : 2nd rinse spin skip
- rS3** : 3rd rinse spin skip
- rS4** : 4th rinse spin skip
- rS5** : 5th rinse spin skip

18. Drop Count Setup

Drop Count Setup can be used to set the number of drop counts. Drops occur while the machine checks for balancing of the load as the cycle enters higher RPM.

Drop Count Setup		Display
Enter SVC mode		
Press 1st button		
Press 2nd button		
Press start button		
Press 2nd button or 3rd button	Until display shows	
Press start button		
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	 ►  ► 	
Press Start to set the number	The next menu setting will be displayed.	

NOTE

- **Drop counts 25~145:** After dropping the selected amount of counts, UE will not occur. The cycle will end immediately or after spinning at a low RPM.
- **Drop counts 150:** After dropping the selected amount of counts, UE will occur. The cycle will end after shut down time. **Refer to How to set shut down time after UE.**

19. **R5UE** Rinse Spin Drop Count Setup

Rinse Spin Drop Count Setup can be used to set the drop count for each rinse spin. Drops occur while the machine checks for balancing of the load as the cycle enters higher RPM.

Rinse Spin Drop Count Setup		Display
Enter SVC mode		L900
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		R9P2
Press 2nd button or 3rd button	Until display shows	R5UE
Press start button		00:10
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ► R5UE ► 00:10	
Press Start to set the number	The next menu setting will be displayed.	UE50

NOTE

- Range : 5~15
- Increments : 1
- If unable to reach target RPM within set number of drops, cycle will continue to next step.

20. **UE Sd** UE Shutdown Setup

UE Shutdown Setup can be used to set the time to display UE until the cycle ends.

UE Shutdown Setup		Display
Enter SVC mode		U9C1
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		F9P2
Press 2nd button or 3rd button	Until display shows	UE Sd
Press start button		00:03
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ► UE Sd ► 00:03	
Press Start to set the time	The next menu setting will be displayed.	PUCE

NOTE

- Range : 0~10 min
- 0 : UE will remain until user opens door, redistributes clothes, and starts up spin process again.
- 1~10 : Cycle will end after set time.

21.**AUTO** Auto Dosing Pump Time Setup

Auto Dosing Pump Time Setup can be used to set the pump activation duration for each channel per course.

Auto Dosing Pump Time Setup		Display
Enter SVC mode		L900
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P2
Press 2nd button or 3rd button	Until display shows	AUTO
Press start button		CO51
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP▶AUTO▶CO51▶CH1▶0010 CO52▶CH2 CO53▶CH3 CO54▶CH4 CO55▶CH5 CO56	
Press Start to set the time	The next channel setting will be displayed.	CH2

CH	Detergent	Range (s)	Input period
①	ETC (Emulsifier)	0~20	Main wash phase
②	Main wash	0~20	Main wash phase
③	Bleach	0~10	Main wash (Remaining washing time : 5 Minutes)
④	Softener	0~20	Final rinse phase
⑤	Pre-wash	0~20	Pre-wash phase

22. Coin 1 Value Setup

Coin 1 Value Setup can be used to set the value of each coin signal received.

Coin1 Value Setup		Display
Enter SVC mode		
Press 1st button		
Press 2nd button		
Press start button		
Press 2nd button or 3rd button	Until display shows	
Press start button		
Select the price you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	 ►  ► 	
Press Start to set the price	The next menu setting will be displayed.	

NOTE

- Range : 0,1~10,00
- Increment : 0,1

23. **PIP₀** Penny Increment Pricing Offset Setup

Penny Increment Pricing Offset Setup can be used to set additional cent increase when card is used.

Penny Increment Pricing Offset Setup		Display
Enter SVC mode		L900
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P₀
Press 2nd button or 3rd button	Until display shows	PIP₀
Press start button		00:00
Select the price you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ► PIP₀ ► 00:00	
Press Start to set the price	The next menu setting will be displayed.	6EEP

NOTE

- Range : 0~4
- **PIP₀** Penny increment pricing offset is available only in card type. It hasn't affected the coin type's price setting.

24.**beep** Beep Volume Setup

Beep Volume Setup can be used to set the sound level of the machine.

Beep Volume Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P2
Press 2nd button or 3rd button	Until display shows	beep
Press start button		HIGH
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ beep ▶ HIGH LOE OFF	
Press Start to set the sound level	The next menu setting will be displayed.	2EFF

25. **REFR** Standby Return Time Setup

Standby Return Time Setup can be used to set how long the input payment is held until the machine resets to standby mode.

Standby Return Time Setup		Display
Enter SVC mode		L900
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		REFR
Press 2nd button or 3rd button	Until display shows	REFR
Press start button		00:00
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ► REFR ► 00:00	
Press Start to set the time	The next menu setting will be displayed.	L4PE

NOTE

- 0 : Holds input payment permanently.
- 1~180 : Holds input payment for selected amount of time, then returns to standby mode.
- **REFR** : Standby return time setup is available only in coin type.

26.**E4PE** Type

Type can be used to set the machine’s various type settings.

Type		Display
Enter SVC mode		U901
Press 1st button		E4SE
Press 2nd button		SEUP
Press start button		E9PE
Press 2nd button or 3rd button	Until display shows	E4PE
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ► E4PE ► Pdtd Loc1 UEnd Edrd Endr HEAL	

NOTE

- Pdtd** : Product type
- Loc1** : Currency type
- UEnd** : Vend type
- Edrd** : Card reader type
- Endr** : Coin meter type
- HEAL** : Heater type

26-1.**Pdtd** Product Type Setup

Product Type Setup can be used to set the machine’s payment type (Pay or Free)

Product Type Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		PPPa
Press 2nd button or 3rd button	Until display shows	EEPE
Press Start button		Pdtd
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ EEPE ▶ Pdtd ▶ FrEE PPPa	
Press Start to set the type	Display returns to standby mode.	

NOTE

- PAY : Coin/Card
- FrEE : On Premise Laundry
- Issues may occur if certain large items are loaded after changing from Free type to Pay type.

26-2. **Loc1** Currency Type Setup

Currency Type Setup can be used to set the country and its currency

Currency Type Setup		Display
Enter SVC mode		U900
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P2
Press 2nd button or 3rd button	Until display shows	E4PE
Press Start button		Pdtd
Press 2nd button or 3rd button	Until display shows	Loc1
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ E4PE ▶ Loc1 ▶ 0000	
Press Start to set the type	Display returns to standby mode.	

NOTE

Country (Loc1)	Range	Increments
England (0)	0~10,00	0,10
Australia (1)	0~10,00	1,00
USA (2)	0~9,95	0,05
China (3)	0~199	1
Korea (4)	0~9500	100
Japan (5)	0~9500	100
Canada (6)	0~9,95	0,05
Philippines (7)	0~995	5

26-3. **UEnd** Vend Type Setup

Vend Type Setup can be used to set the payment type (Coin/Card/Mobile pay).

Vend Type Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29Pr
Press 2nd button or 3rd button	Until display shows	E4PE
Press Start button		PdEd
Press 2nd button or 3rd button	Until display shows	UEnd
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	<pre> SEUP ► E4PE ► UEnd ► Co.in Card APP </pre>	
Press Start to set the type	Display returns to standby mode.	

26-4. **Cdrd** Card Reader Type Setup

Card Reader Type can be used to set the card reader company.

Card Reader Type Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P2
Press 2nd button or 3rd button	Until display shows	TYPE
Press Start button		Pdtd
Press 2nd button or 3rd button	Until display shows	Cdrd
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ TYPE ▶ Cdrd ▶ 0000	
Press Start to set the type	Display returns to standby mode.	

NOTE

- 0 : Greenwald
- 1 : ESD

26-5. **Endr** Coin Drop Type Setup

Coin Drop Type can be used to set the coin pulse signal setting for coin drops.

Coin Drop Type Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29Pr
Press 2nd button or 3rd button	Until display shows	E4PE
Press Start button		PdEd
Press 2nd button or 3rd button	Until display shows	Endr
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ E4PE ▶ Endr ▶ 0000	
Press Start to set the type	Display returns to standby mode.	

NOTE

- Coin pulse
- 0 : 50ms : ESD, Greenwald, Munzprufer
- 1 : 100ms : Korea

26-6. **HEAL** Heater type setup

Heater type setup can be used to set machine's type. (heater/non heater course)

Heater Type Setup		Display
Enter SVC mode		
Press 1st button		
Press 2nd button		
Press start button		
Press 2nd button or 3rd button	Until display shows	
Press Start button		
Press 2nd button or 3rd button	Until display shows	
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value		
Press Start to set the type	Display returns to standby mode.	

NOTE

- On : Heater
- OFF : Non heater

27. Max Surpassed Cycle Time Setup

Cut off time is how long the machine can run after the display time has been reached. This feature allows the adjustment of the cut off time between 1 and 15 minutes.

Max Surpassed Cycle Time Setup		Display
Enter SVC mode		U900
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P2
Press 2nd button or 3rd button	Until display shows	dPTE
Press Start button		00:10
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SETUP ► dPTE ► 00:10	
Press Start to set the time.	The next menu setting will be displayed.	00:50

NOTE

- Range : 5~15 min
- Increments : 1
- The washer will try and complete the entire cycle in the allotted display time. However, in the case of an off balance load or too much soap, the washer will use the extra cut off time to balance or remove excess soap before ending the cycle.

28.**CUSE** Custom Program Setup

Custom Program can be used to create up to 20 different customized courses.

Custom Program Setup		Display
Enter SVC mode		0900
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P2
Press 2nd button or 3rd button	Until display shows	CUSE
Press Start button		Ed1E
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ CUSE ▶ Ed1E ▶ no11 ▶ COrS Ed1E no20 CCCC noPC noRt ESSd UULE Prac rSEn RUCE	
Press Start to set		

NOTE

- CUSE** : only available in FrEE type.
- Ed1E** : Total number of custom courses (1~20)
- COrS** : Select base course
- CCCC** : Wash Time
- noPC** : Number of Rinse per Cycle
- noRt** : Rinse Time
- ESSd** : Top Spin Speed
- UULE** : Water Level
- Prac** : Rinse Spin Only, Spin Only
- rSEn** : Rinse Spin
- RUCE** : Auto Dosing Pump Time

Programing Mode – Test Mode

Diagnostic tests: **EESE** (display)

This program has been added for testing the washer and detecting errors.

How to enter Programming mode:

- **Coin type** – Turn on/off the toggle switch.
- **Card type** – Insert the service card.
- **All types** –

- 1 Press the 1st & 3rd button at the same time. **0---**
- 2 Press the 2nd & 3rd buttons to toggle numbers. Then, press the 4th button to move to the next digit. **-0--**
- 3 Press the Start button to finish password input. **L9C1**

* Default Password : 3000

<Control Panel Button>

1st  90 °C (194 °F)

2nd  75 °C (167 °F)

3rd  60 °C (140 °F)

4th  40 °C (104 °F)

5th  Cold Frost Info
* Custom PGM

Start  Start / Pause
Open / Freeze
Lock / Unlock

1. **EESE** Test

Test features can be used to check and change various machine settings.

Test mode		Display
Enter SVC mode		L9C1
Select the feature you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	EESE ▶ L9C1 L9C2 L1FE EEPE E13E EOU- H1LL PR55 ECL	

NOTE

- L9C1** : Diagnostic Test 1
- L9C2** : Factory Use (Do not Use)
- L1FE** : Factory Use (Do not Use)
- EEPE** : Factory Reset
- E13E** : Time Setting
- EOU-** : Courtesy Cycle
- H1LL** : Cycle Kill
- PR55** : Password Setup
- ECL** : Tub Clean Course

2. **L9C1** Diagnostic Test

Diagnostic Test can be used to check functionality of various machine parts.

Press Start to move through the check points.

Number of times the Start button is pressed	Check point	Display
0	Enter SVC mode	L9C1
1	Turns on all lamps and locks the door	Displays 8888 , 1U:XX, 1t:XX, 10:XX, 1C:XX alternately (Version)
2	Tumble clockwise	rpm (40~50)
3	Low speed spin	rpm (600)
4	High speed spin	rpm (1000)
5	Inlet valve for main water turns on	Water level frequency (255~)
6	Inlet valve for hot water turns on	Water level frequency (255~)
7	Inlet valve for atomizing turns on (Single model) Inlet valve for softener turns on (Stack model)	Water level frequency (255~)
8	Inlet valve for bleach turns on (Single model) Inlet valve for atomizing/bleach turns on (Stack model)	Water level frequency (255~)
9	Tumble counter clockwise	rpm (40~50)
10	Heater turns on	Displays water temperature
11	Circulation pump turns on	Water level frequency (255~)
12	Drain pump turns on	Water level frequency (255~)
13	All lamps turn on	Displays 8888 , 1U:XX, 1t:XX, 10:XX, 1C:XX alternately (Version)
14	Button check	
15	High speed spin	rpm (1000)
16	Uc--- PDA signal check	Uc--- this function is not applied in this machine
17		L9C1

NOTE

- Make sure the drum is empty when diagnostic test is being performed. Do not use **L9C2**.
- RPM notation is displayed except for the last number when it is more than a hundred.
(i.e. 1000 rpm is displayed as 100)

3. Factory Reset

Factory Reset is used to reset the machine to default settings.

Factory Reset		Display
Enter SVC mode		
Press 2nd button or 3rd button	Until display shows	
Press Start button		
Press 2nd button	Until display shows	
Press Start button		

NOTE

- All settings return to default.
- Wash time : 20 minutes
- Rinse cycle : Twice
- Top spin speed : 1000 rpm
- Price setting varies by country
- After Factory Reset, set your country from  mode.

4. Time Setup

Time Setup can be used to set the current year, month, day, hour, and minute.

Time Setup		Display
Enter SVC mode		
Press 2nd button or 3rd button	Until display shows	
Press Start button	Display shows you 2000(Year) → 0101(Month/Date) → Sat(Day) → 0000(Time(24hr))	
Press Start button		
Press 2nd button or 3rd button	Until display shows the year you want (i.e. 2020)	
Press Start button		
Press 2nd button or 3rd button	Until display shows the month you want in the left two digits (i.e. June = 0601)	
Press Start button		
Press 2nd button or 3rd button	Until display shows the day you want in the right two digits (i.e. June 11th = 0611)	
Press Start button		
Press 2nd button or 3rd button	Until display shows the hour you want (i.e. 2:00 PM = 1400)	
Press Start button		
Press 2nd button or 3rd button	Until displays shows the minute you want (i.e. 2:15 PM = 1415)	
Press Start button	Display shows you 2000(Year) → 0101(Month/Date) → Sat(Day) → 0000(Time(24hr))	
Press 1st button	Until display returns to standby mode	

NOTE

- Time is displayed in military time format.
- Time Setup must be set to use Special Day Price feature.
- When the machine is powered off, Time Setup is reset to default.

5. COUR Courtesy Cycle

Courtesy Cycle is a free cycle given to customers for Pay Type machines.

Courtesy Cycle		Display
Enter SVC mode		U900
Press 2nd button or 3rd button	Until display shows	COUR
Press Start button		00:00
Press 2nd button	Until display shows	00:19
Press Start button	Machine is ready to use. User can choose desired course and press Start.	

6. KILL Kill Cycle

Kill Cycle is used to end the currently operating cycle.

Cycle Kill		Display
Enter SVC mode		U900
Press 2nd button or 3rd button	Until display shows	KILL
Press Start button		00:00
Press 2nd button	Until display shows	00:17
Press Start button	Machine is ready to use. User can choose desired course and press Start.	00:00

NOTE

- Only works for machine that is currently operating.
- Cycle can be ended with Cycle Kill Card for Card Type machines.
- Easy entry : Press and hold the start button for at least 3 seconds.

7. **PASS** Password Setup

Password Setup can be used to change the password to enter Service mode.

Password Setup		Display
Enter SVC mode		
Press 2nd button or 3rd button	Until display shows	
Press Start button		
Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	Input current password Default Password : 3000 1 Press the 2nd & 3rd buttons to toggle numbers. 2 Press the 4th button to move to the next digit.	
Press Start button		
Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	Input new password (i.e. 1234) 1 Press the 2nd & 3rd buttons to toggle numbers. 2 Press the 4th button to move to the next digit.	
Press Start button	New password is set	

8. **ECCL** Tub Clean Course

Tub Clean Course is used to clean the drum.

Tub Clean Course		Display
Enter SVC mode		
Press 2nd button or 3rd button	Until display shows	
Press Start button	Display shows remaining time and starts the Tub Clean Course.	

NOTE

- Machine goes back to standby mode after Tub Clean Course is completed.
- Easy Entry : Press and hold the 1st button and 2nd button for at least 3 seconds.
- Display shows the default number of Tub Clean cycles to run. (Range : 1~3)
- Never load laundry when using Tub Clean Course. Laundry may be damaged or become contaminated.
- Tub Clean Course should be used every 50 cycles.
- Related functions **ECCLP** : Tub Clean Load Detection Setup
ECCLH : Tub Clean Heater Setup
ECCLB : Tub Clean Shortcut Button Setup

Programing Mode – Collect Mode

Collect information data : (display)

The washer collects the usage data so that the owner can check various information like number of various cycles used, how many times card or coins used, etc.

Collect Mode

Collect Mode		Display
Enter SVC mode		
Press 1st button		
Press 2nd button or 3rd button	Until display shows	
Press Start button		
Select the feature you want Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	Refer to the follow Collect Mode Data List	

Collect Mode Data lists

No.	Abbreviation	Meaning	Description
1	rgPr	Regular Price (Default Price)	
2	rgP1	Regular COS1 Price	
3	rgP2	Regular COS2 Price	
4	rgP3	Regular COS3 Price	
5	rgP4	Regular COS4 Price	
6	rgP5	Regular COS5 Price (for Heater)	
7	rgP6	Regular COS6 Price (for Heater)	
8	ltrC	Interval Regular Total Cycle Count	(0~65535)
9	ltr1	Interval Regular COS1 Cycle Count	(0~65535)
10	ltr2	Interval Regular COS2 Cycle Count	(0~65535)
11	ltr3	Interval Regular COS3 Cycle Count	(0~65535)
12	ltr4	Interval Regular COS4 Cycle Count	(0~65535)
13	ltr5	Interval Regular COS5 Cycle Count (for Heater)	(0~65535)
14	ltr6	Interval Regular COS6 Cycle Count (for Heater)	(0~65535)
15	ACrC	Accumulated Regular Total Cycle Count	(0~65535)
16	ACr1	Accumulated Regular COS1 Cycle Count	(0~65535)
17	ACr2	Accumulated Regular COS2 Cycle Count	(0~65535)
18	ACr3	Accumulated Regular COS3 Cycle Count	(0~65535)
19	ACr4	Accumulated Regular COS4 Cycle Count	(0~65535)
20	ACr5	Accumulated Regular COS5 Cycle Count (for Heater)	(0~65535)
21	ACr6	Accumulated Regular COS6 Cycle Count (for Heater)	(0~65535)
22	SCPr	'Add Super Wash' Price	
23	ltSC	Interval 'Add Super Wash' Usage Count	(0~65535)
24	ACSC	Accumulated 'Add Super Wash' Usage Count	(0~65535)
25	AUPr	'Auto Dosing' Price	
26	ltAU	Interval 'Auto Dosing' Usage Count	(0~65535)
27	ACAU	Accumulated 'Auto Dosing' Usage Count	(0~65535)
28	ltSU	Interval 'Courtesy Cycle' Usage Count	(0~65535)
29	ACSU	Accumulated 'Courtesy Cycle' Usage Count	(0~65535)
30	ltFC	Interval 'Token' Cycle Count	(0~65535)
31	ACFC	Accumulated 'Token' Cycle Count	(0~65535)
32	ACrt	Accumulated Run Time (minutes)	(0~65535)
33	ltnr	Interval No Runs	(0~255)
34	lttb	Interval Trouble Cycle Count	(0~255)
35	ltPd	Interval Power Downs	(0~255)
36	ltdd	Interval Unauthorized Service Door Openings	(0~255)
37	ltUC	Interval Unauthorized Coin Vault Openings	(0~255)
38	lttl	Interval Total Income	(0~65535)
39	ACtl	Accumulated Total Income	(0~65535)
40	lttC	Interval Total Cycle Count	(0~65535)
41	ACtC	Accumulated Total Cycle Count	(0~65535)
42	ltD	Interval Money	(0~65535)
43	AcD	Accumulated Money	(0~65535)

44	ItSd	Interval 'Add Super Wash' Money	(0~65535)
45	ACSd	Accumulated 'Add Super Wash' Money	(0~65535)
46	ItA3	Interval 'Auto Dosing' Money	(0~65535)
47	ACA3	Accumulated 'Auto Dosing' Money	(0~65535)
48	ACdP	Accumulated 'WaveForce' Operations	(0~65535)
49	ACtL	Accumulated 'Tub Clean Course' Cycle Count	(0~65535)
50	ACPC	Accumulated 'Pre Clean' Cycle Count	(0~65535)

NOTE

- 'Auto Dosing' only counts paid Auto Dosing Cycles.
- Interval Cycles are reset to 0 after data is collected with Collect Card.
- Accumulated Cycles do not count Service or Trouble Cycles.
- Price settings vary by country.

SMART FUNCTIONS

Open Source Software Notice Information

To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product, please visit <http://opensource.lge.com>. In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.

LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com. This offer is valid for a period of three years after our last shipment of this product. This offer is valid to anyone in receipt of this information.

Declaration of Conformity

EN



Hereby, LG Electronics declares that the radio equipment type Washing machine is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, The Netherlands

Декларация за съответствие

BG



С настоящото LG Electronics декларира, че пералната машина от тип с радио оборудване е в съответствие с Директива 2014/53/EU. Пълният текст на декларацията на EU за съответствие е наличен на следния интернет адрес: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, Нидерландия

Prohlášení o shodě

CS



Společnost LG Electronics tímto prohlašuje, že je rádiové vybavení typu pračka ve shodě se směrnicí 2014/53/EU. Plný text prohlášení o shodě EU je k dispozici na následující internetové adrese: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B. V.
Krijgsman 1, 1186 DM Amstelveen, Nizozemsko

Overensstemmelseserklæring

DA



LG Electronics erklærer herved, at vaskemaskinen med integreret trådløst netværk er i overensstemmelse med direktivet 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende webadresse: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, The Netherlands

Konformitätserklärung

DE



Hiermit erklärt LG Electronics, dass die Funk-Waschmaschine die Richtlinie 2014/53/EU erfüllt. Den vollständigen Text der EU-Konformitätserklärung finden Sie unter der folgenden Internetadresse: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, Niederlande

Δήλωση συμμόρφωσης

EL



Με την παρούσα η LG Electronics δηλώνει ότι το πλυντήριο τύπου ραδιοεξοπλισμού συμμορφώνεται με την Οδηγία 2014/53/EU. Το πλήρες κείμενο της δήλωσης συμμόρφωσης EU διατίθεται στην ακόλουθη ηλεκτρονική διεύθυνση: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
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Declaración de conformidad

ES



Por la presente, LG Electronics declara que el tipo de equipo de radio lavadora cumple la Directiva 2014/53/EU. El texto completo de la declaración de conformidad está disponible en la siguiente dirección de Internet: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
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Vastavusdeklaratsioon

ET



Käesolevaga teatab LG Electronics, et raadioseadme tüüpi pesumasin on vastavuses direktiiviga 2014/53/EU. Kogu EU vastavusdeklaratsiooni tekst on saadaval järgmisel internetiaadressil: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, The Netherlands

Vaatimustenmukaisuusvakuutus

FI



LG Electronics julistaa täten, että radiolaitetyyppinen Pesukone mukautuu Direktiivin 2014/53/EU. EU:n vaatimustenmukaisuusvaatimuksen koko teksti löytyy seuraavassa osoitteessa: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, Alankomaat

Déclaration de conformité

FR



Par la présente, LG Electronics déclare que le type d'équipement radio Machine à laver est conforme à la directive 2014/53/EU. Le texte intégral de la déclaration de conformité EU est disponible à l'adresse internet suivante: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, Pays-Bas

Dearbhú Comhréireachta

GA



Dearbhaíonn LG Electronics leis seo go bhfuil an trealamh raidió Mheaisín níos áine i gcomhréir leis an Treoir 2014/53/EU. Tá téacs iomlán an Dhearbhaithé Comhréireachta EU ar fáil ar an seoladh idirlíne a leanas: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, An Ísiltír

Izjava o skladnosti

HR



Ovime LG Electronics izjavljuje da je radio oprema u vidu perilice rublja u skladu s Direktivom 2014/53/EU. Cijeli tekst EU deklaracije o skladnosti dostupan je na sljedećoj internetskoj adresi: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, Nizozemska

Megfelelőségi tanúsítvány

HU



Ezzel az LG Electronics kijelenti, hogy a mosógép rádióberendezése megfelel az 2014/53/EU irányelv előírásainak. Az EU megfelelési nyilatkozat teljes szövege elérhető a következő internetes címen: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, Hollandia

Dichiarazione di conformità

IT



Con la presente, LG Electronics dichiara che la Lavatrice del tipo con apparato radio è conforme alla direttiva 2014/53/EU. E' possibile leggere l'intero testo della dichiarazione di conformità al regolamento EU al seguente indirizzo internet: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, The Netherlands

Atitikties deklaracija

LT



Šiuo dokumentu „LG Electronics“ pareiškia, kad radijo įrangos tipo skalbyklė atitinka 2014/53/EU direktyvos reikalavimus. Visas EU atitikties deklaracijos tekstas pateiktas šiuo interneto adresu: <http://www.lg.com/global/support/cedoc/cedoc#>

„LG Electronics“ bendras Europos techninės priežiūros centras B.V.
Krijgsman 1, 1186 DM Amstelveen, Nyderlandai

Atbilstības deklarācija

LV



Ar šo, LG Electronics apliecina, ka radio aprīkojums Veļas mašīna atbilst ar Direktīvu 2014/53/EU. Pilns EU atbilstības deklarācijas teksts ir atrodams sekojošajā interneta adresē: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, Nīderlande

Декларација за усогласеноста

MK



Со ова, LG Electronics изјавува дека типот на радио опремата на Машината за перење, е во согласност со Директивата 2014/53/EU. Целосниот текст на EU декларацијата за усогласеност, е достапен на следната интернет адреса: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, The Netherlands

Dikjarazzjoni ta' Konformità

MT



Hawnhekk, LG Electronics tiddikjara li t-tip tat-tagħmir tar-radju tal-Magna tal-hasil huwa f'konformità mad-Direttiva 2014/53/EU. It-test sħiħ ta' dikjarazzjoni ta' konformità tal huwa disponibbli fl-indirizz tal-internet segwenti: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, L-Olanda

Conformiteitsverklaring

NL



Hierbij verklaart LG Electronics dat de radioapparatuur van het type wasmachine in overeenstemming is met de richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring is beschikbaar op het volgende internetadres: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, Nederland

Samsvarserklæring

NO



Herved erkærer LG Electronics at radioutstyr av typen vaskemaskin er i samsvar med direktiv 2014/53/EU. Den fullstendige teksten til EU-samsvarserklæring er tilgjengelig på følgende Internettadresse: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, The Netherlands

Deklaracja zgodności

PL



Niniejszym firma LG Electronics deklaruje, że pralka z modulem radiowym spełnia wymagania Dyrektywy 2014/53/EU. Pełna treść deklaracji zgodności EU jest dostępna pod następującym adresem internetowym: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, The Netherlands

Declaração de conformidade

PT



Pelo presente, a LG Electronics declara que a máquina de lavar roupa tipo equipamento rádio está em conformidade com a Diretiva 2014/53/EU. O texto completo da declaração de conformidade da EU está disponível no seguinte endereço da internet: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, Países Baixos

Declarație de conformitate

RO



Prin prezenta, LG Electronics declară că Mașina de spălat de tip echipament radio este în conformitate cu Directiva 2014/53/EU. Textul complet al declarației de conformitate a EU este disponibilă la următoarea adresă de internet: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, Olanda

Prehlásenie o zhode

SK



Týmto LG Electronics prehlasuje, že rádiové zariadenie typu Práčka je v súlade so smernicou 2014/53 / EU. Úplné znenie prehlásenia o zhode pre EU je k dispozícii na tejto internetovej adrese: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, The Netherlands

Izjava o skladnosti

SL



S tem LG Electronics izjavlja, da je vrsta radijske opreme za pralni stroj v skladu z Direktivo 2014/53/EU. Celotno besedilo EU deklaracije o ustreznosti je na voljo na naslednjem internetnem naslovu: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, Nizozemska

Deklarata e pajtimit

SQ



Me anë të këtij dokumenti, LG Electronics deklaroi se tipi i pajisjes radio Lavatrice është në përputhje me Direktivën e EU 2014/53/. Teksti i plotë i deklaratës së konformitetit të EU gjendet në adresën e mëposhtme të internetit: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, The Netherlands

Izjava o usklađenosti

SR



Ovime LG Electronics izjavljuje da je radio oprema u vidu mašine za pranje veša u skladu s Direktivom 2014/53/EU. Celokupni tekst EU deklaracije o usklađenosti dostupan je na sledećoj internet adresi: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, Holandija

Försäkran om överensstämmelse

SV



Härmed, uppger LG Electronics att radioutrustningstypen Tvättmaskin efterlever EU-direktiv 2014/53/EU. Hela texten om EU-direktivet gällande konformitet finns tillgänglig på följande internet adress: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, Nederländerna

Uygunluk Beyanı

TR



LG Electronics radyo ekipmanı tipi Çamaşır makinesinin 2014/53/EU numaralı yönetmelikle uyumlu olduğunu beyan eder. EU uygunluk beyanının tam metnine şu adresten ulaşılabilir: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, Hollanda

Wireless LAN Module Specifications

Model	LCW-004	Model	LCW-007
Frequency Range	2412 - 2472 MHz	Frequency Range	2412 MHz - 2472 MHz
Output Power(Max)	IEEE 802.11b: 17.82 dBm IEEE 802.11g: 17.72 dBm IEEE 802.11n: 16.61 dBm	Output Power(Max)	IEEE 802.11b: 17.59 dBm IEEE 802.11g: 17.39 dBm IEEE 802.11n(HT20): 16.64 dBm IEEE 802.11n(HT40): 17.05 dBm

Wireless function S/W version : V 1.0 / Безжична функция S/W версия: V 1.0 / Verze softwaru bezdrátové funkce: V 1.0 / Softwareversion til trådløs funktion: V 1.0 / Drahtlosfunktion Software-Version: V 1.0 / Έκδοση λογισμικού ασύρματης λειτουργίας: V 1.0 / Versión de software de la función inalámbrica: V 1.0 / Juhtmevaba funktsiooni S/W versioon: V 1.0 / Langattoman toiminnon S/W versio: V 1.0 / Version S/W de la fonction sans fil: V 1.0 / Feidhm gan Sreang S/W leagan: V 1.0 / Verzija softvera bežične funkcije: V 1.0 / Vezeték nélküli funkció szoftver verzió: V 1.0 / Funzione Wireless S/W versione: V 1.0 / Belaidé funkcija S/W versija: V 1.0 / Bezvadu funkcijas programmas versija : V1.0 / Безжична функција S/W верзија: V 1.0 / Funzioni wireless verzioni S/W : V 1.0 / Draadloze functie S/W-versie: V 1.0 / Trådløs funksjon S/W versjon : V 1.0 / Oprogramowanie funkcji bezprzewodowej wer.: V 1.0 / Versão S/W da função sem fios: V 1.0 / Funcția wireless S/W versiunea : V 1.0 / Funkcia wireless S/W verzia: V 1.0 / Različica programske opreme za brezžično funkcijo: V1.0 / Funkzioni wireless (pa lidhje kabllore) S/W versioni : V 1.0 / Verzija softvera bežične funkcije: V 1.0 / Trådløs funtion S/W version : V 1.0 / Kablosuz fonksiyonu S/W sürümü: V 1.0

For consideration of the user, this device should be installed and operated with a minimum distance of 20 cm between the device and the body / С оглед безопасността на потребителя, това устройство трябва да бъде инсталирано и оперирано от минимално разстояние 20 cm между него и тялото. / S ohledem na uživatele by se toto zařízení mělo instalovat a provozovat tak, aby byla minimální vzdálenost mezi zařízením a tělem alespoň 20 cm. / Af hensyn til brugerens sikkerhed skal dette apparat installeres og betjenes med en minimumsafstand på 20 cm mellem apparatet og kroppen. / Zur Rücksichtnahme auf den Nutzer, sollte dieses Gerät mit einem Abstand von mindestens 20 cm zwischen dem Gerät und dem Körper installiert und betrieben werden. / Πληροφορικά για το χρήστη, αυτή η συσκευή θα πρέπει να εγκατασταθεί να λειτουργήσει με μια ελάχιστη απόσταση 20 cm μεταξύ της συσκευής και του σώματος. / El usuario ha de tener en cuenta que el dispositivo deberá ser instalado y funcionar con una distancia mínima de 20 cm entre el mismo y el cuerpo. / Kasutaja peaks arvestama, et see seade tuleks paigaldada ja sellega töötada nii, et hoitakse minimaalne seadme ja keha vaheline vahemaa 20 cm juures. / Käyttäjän huomioimiseksi, laite tulee asentaa ja sitä tulee käyttää 20 cm:n minimietäisyyden päässä vartalosta. / À l'égard de l'utilisateur, cet appareil doit être installé et utilisé à une distance minimale de 20 cm entre l'appareil et le corps. / Ar mhaithe leis an úsáid, ba chóir an gléas seo a shuiteáil agus a oibriú ar a laghad 20 cm ó do chorp. / Za razmatranje korisnika, ovaj uređaj treba postaviti i njime upravljati s udaljenosti od najmanje 20 cm od tijela. / A felhasználónak vigyáznia kell, hogy ezt a készüléket úgy kell telepíteni és üzemeltetni egy legalább 20 cm távolságot biztosítsanak a készülék és a test között. / Si consiglia agli utenti di installare questo dispositivo ad una distanza minima di 20 cm tra il dispositivo e il corpo. / Vartotojas turi sumontuoti ir eksploatuoti šį įrenginį mažiausiai 20 cm. Nuo įrenginio ir kūpo. / Lietotāja izvērtēšanai, šī ierīce jāuzstāda un jādarbina, ievērojot minimālo distanci 20 cm starp ierīci un ķermeni. / Заради грижата за корисникот, овој уред треба да се инсталира и да работи на минимална далечина од 20 cm меѓу уредот и телото на корисникот. / Ghall-konsiderazzjoni tal-utent, dan it-tagħmir għandu jiġi installat u mħaddem b'distanza ta' mhux inqas minn 20 cm bejn l-apparat u l-persuna. / Het is in het belang van de gebruiker dat dit apparaat geïnstalleerd en gebruikt wordt met een minimale afstand van 20 cm tussen het apparaat en het lichaam. / For hensynet til brukeren, bør denne enheten bli installert og brukt med en avstand på minimum 20 cm mellom apparatet og kroppen. / Zaleca się montaż oraz obsługę urządzenia z odległości co najmniej 20 cm. / Para consideração do utilizador, este dispositivo deve ser instalado e operado com uma distância mínima de 20 cm entre o dispositivo e o corpo. / Utilizatorul

trebuie să țină cont de faptul că acest dispozitiv trebuie instalat și utilizat cu o distanță minimă de 20 cm între dispozitiv și corp. / Poznámka pre používateľa: toto zariadenie by sa malo montovať a využívať v minimálnej vzdialenosti 20 cm medzi zariadením a telom. / Ob upoštevanju varnosti uporabnika je napravo treba namestiti in upravljati tako, da je med napravo ter telesom najmanj 20 cm. / Për konsideratën e përdoruesit, kjo pajisje duhet të instalohet dhe operohet nga një distancë minimale prej 20 cm mes pajisjes dhe trupit. / Korisnik treba da ima na umu da ovaj uređaj treba postaviti i njime upravljati sa udaljenosti od najmanje 20 cm od tela. / Med hänsyn till användaren, bör denna apparat installeras och drivas med en distans på åtminstone 20 cm mellan apparaten och kroppen. / Cihazın, cihaz ile vücut arasında en az 20 cm mesafe olacak şekilde kurulması ve kullanılması kullanıcı tarafından dikkat edilmelidir.

Wireless LAN Module Specifications / Спецификации на безжичния LAN модул / Technické parametry modulu pro bezdrátovou síť LAN / Wireless LAN modul Specifikationer / Wireless-LAN-Modul Technische Daten: / Προδιαγραφές ασύρματης μονάδας LAN / Especificaciones del módulo LAN inalámbrico / Juhtmevaba LAN mooduli tehnilised näitajad / Langattoman LAN-moduulin tekniset tiedot / Caractéristiques du module LAN sans fil / Sonraiochta modúil LAN gan sreang / Specifikacije bežičnog LAN modula / Vezetéknélküli LAN modul specifikáció / Specífiche del modulo LAN wireless / Belaidžio LAN modulio specifikacijos / Bezvada LAN modula specifikācijas / Спецификации на бежичниот LAN модул / Specifikazzjonijiet tal-Wireless LAN Module. / Wireless LAN Module-specificaties / Spesifikasjoner for trådløs LAN-modul / Dane techniczne modułu sieci bezprzewodowej LAN / Especificações do módulo LAN sem fios / Specificații modul LAN Wireless / Špecifikácia bezdrôtového modulu LAN / Specifikacije brezžičnega LAN modula / Specifikimet e modulit LAN pa tel / Specifikacije modula za bežični LAN / Trådlös LAN Modul Specifikationer / Kablosuz LAN Modülü Teknik Özellikleri

Model / Модел / Model / Model / Modell / Μοντέλο / Modelo / Model / Malli / Modèle / Samhaltán / Model / Modell / Modello / Modelis / Modelis / Модел / Mudell / Model / Modell / Model / Modelo / Model / Model / Model / Modeli / Model / Modell / Model

Frequency Range / Обхват на честотата / Frekvenční rozsah / Frekvensområde / Frequency Range / Εύρος συχνότητας / Rango de frecuencia / Sagedusala / Taajuusalue / Bande de fréquence : / Raon Miniciochta / Frekvenjski raspon / Frekvenciatartomány / Gamma di frequenza / Dažnio intervalas / Frekvenču diapazons / Фреквентен опсег / Medda tal-Frekwenza / Frequentiebereik / Frekvensområde / Zakres częstotliwości / Gama de frequência / Interval frecvență / Rozsah frekvencie / Frekvenčni razpon / Shtrirja e frekuencës / Opseg frekvencije / Frekvensområde / Frekans Aralığı

Output Power(Max) / Мощность (макс.) / Výstupní výkon (max.) / Udgangseffekt (Maks) / Ausgangsleistung (Max) / Ισχύς εξόδου (Μεγ.) / Potencia de salida (máx.) / Väljundvõimsus(Max) / Lähtöteho (maks.) / Puissance de sortie (Max) / (Uas)Cumhacht Asraon / Izlazna snaga (Maks) / Kimenő teljesítmény (max) / Potenza di uscita (max.) / Išvesties galia (maks.) / Izejas jauda (maks.) / Излезна моќност (макс.) / Produzzjoni ta' Energija (Mass) / Output -vermogen (Max) / Utstrålningseffekt (maks) / Moc wyjściowa (maks.) / Potência (Máx) / Putere ieşire (max.) / Výstupný výkon (maximálny) / Izhodna moč (maks.) / Fuqia e nxjerrjes (maks) / Izlazna snaga (maks) / Uteffekt(Max) / Çıkış Gücü (Maks.)

MAINTENANCE

Care after wash

After the cycle is finished, wipe the door and the inside of the door seal to remove any moisture. Leave the door open to dry the washer tub interior. Wipe the body of the washing machine with a dry cloth to remove any moisture

WARNING

- **Unplug the washer before cleaning to avoid the risk of electric shock.** Failure to follow this warning can cause serious injury, fire, electrical shock, death.
- **Never use harsh chemicals, abrasive cleaners, or solvents to clean the washer.** They will damage the finish.
- **Do not use volatile substances (benzene, paint thinner, alcohol, acetone, etc.) or detergents with strong chemical components when cleaning the washing machine.** Doing so may cause discoloration or damage to the machine, or it may cause a fire.
- Certain internal parts are intentionally not grounded and may present a risk of electric shock only during servicing. Service personnel - Do not contact the following parts while the appliance is energized: pump, valve, motor, control board.

Storing the Washer

If the washer will not be used for an extended period of time and is in an area that could be exposed to freezing temperatures:

- 1 Turn off water supply tap.
- 2 Disconnect hoses from water supply and drain water from hoses.
- 3 Plug the power cord into a properly grounded electrical outlet.
- 4 Add 1 gallon of nontoxic recreational vehicle (RV) antifreeze to the empty wash drum. Close door.
- 5 Unplug the power cord, dry the drum interior with a soft cloth, and close the door.
- 6 Remove the inserts from the dispenser. Drain any water in compartments and dry the compartments.
- 7 Store the washer in an upright position.

- 8 To remove the antifreeze from the washer after storage, run washer through a complete cycle using detergent. **Do not add laundry!**

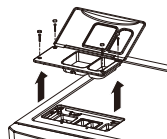
NOTE

- Not all of the RV antifreeze will be expelled.
- Weekly cleaning of the detergent dispenser will ensure problem free operation.

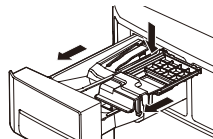
Cleaning the Dispenser

- 1 The dispenser should be cleaned periodically to remove buildup from detergent and other laundry products.

- Single model -

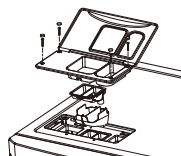


- Stack model -

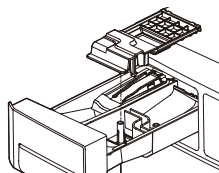


- 2 Remove the inserts from the drawer, and clean them with warm water and a soft cloth or brush to remove any residue or buildup. Wipe out the inside of the drawer opening with a damp cloth. Reassemble the drawer and reinstall in the drawer opening.

- Single model -



- Stack model -



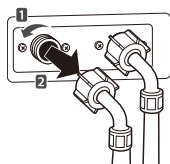
NOTE

- Do not use anything other than water to clean the drawer, inserts, and drawer opening.

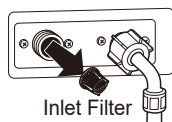
Cleaning the Water Inlet Filters

Clean the water inlet filters periodically to prevent clogging. Take extra care to clean the water inlet filters for areas using hard water. Water may not be supplied if there are foreign objects, such as rust, sand, or stones in the water inlet filters.

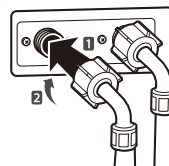
- 1 Pull out the plug to turn off the washing machine.
- 2 Turn off the faucets connected with the water inlets.
- 3 Remove the water inlet hoses.



- 4 Pull out the water inlet filter.



- 5 Remove foreign objects from the water filter inlet.
 - Soak the water filter inlets in white vinegar or a lime scale remover or use a toothbrush to remove foreign objects and rinse thoroughly.
- 6 Press the water filter inlets back into place.
- 7 Reattach the water lines to the washing machine.

**WARNING**

- Unplug the power cord and turn off the faucets before cleaning.** Failure to do so may cause electric shock.
- Do not use the washing machine without the inlet filters.** If you use the washing machine without the inlet filters it will cause leaks and malfunction.
- If you use the washing machine in an area with hard water, the inlet filter may clog due to lime buildup.

NOTE

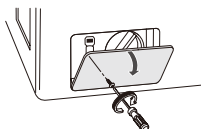
- ! E message will blink on the display when the water pressure in the detergent drawer is weak or an inlet filter is clogged with dirt. Clean the inlet filter.

Cleaning the Drain Pump Filter

The washing machine fails to drain if the drain pump filter is clogged. Periodically clean the drain filter to prevent clogging with foreign objects.

- 1 Pull out the plug to turn off the washing machine.

- 2 Open the drain pump filter cover.



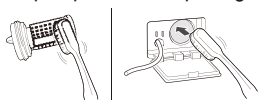
- 3 Unclip the drain hose and remove the plug from the drain hose to drain the remaining water.



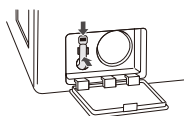
- 4 Twist the pump filter counterclockwise to remove.



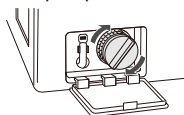
- 5 Clean the pump filter and opening.



- 6 Recap the plug onto the drain hose and reattach the drain hose.



- 7 Insert the drain pump filter.



- 8 Close the drain pump filter cover.

! WARNING

- **Make sure to pull out the plug before cleaning.** Failure to do so may cause electric shock.
- Opening the drain filter will result in water overflowing if there is water in the washer tub. **Make sure to check if the water is completely drained before opening the drain filter.**
- If you use the washing machine with the drain filter reassembled incorrectly after cleaning it, or if you use the machine without the filter, it may cause leaks or malfunction of the washing machine.

NOTE

- **DE** message will blink when the drain pump filter is clogged with dirt. Clean the drain pump filter.

Cleaning the Door Seal

Clean the door seal once a month to prevent build-up of dirt in the door seal.

- 1 Wear rubber gloves and protective goggles.

- 2 Dilute 3/4 cup (177 ml) of liquid chlorine bleach in 1 gallon (3,8 L) of water.

- 3 Soak a sponge or a soft cloth in this diluted solution and wipe down all around the door seal.

- 4 Wipe any moisture with a dry towel or cloth after cleaning.

- 5 Leave the door open to allow the door seal to dry completely.

! CAUTION

- Cleaning the door seal with an undiluted solution may cause malfunction of the door seal and washing machine parts.

Cleaning the Drum, Tub Clean

Using the washing machine in a humid space for a long period of time may lead to a buildup of black mold and germs in the air inside the washer tub and affect your health. If you clean the washer tub regularly on a monthly basis using TUB CLEAN it will keep the washer tub clean for hygienic use.

- 1 Add tub cleaner or lime scale remover into the detergent dispenser drawer.
 - Do not exceed the maximum detergent limit line when you add it. Detergent may remain in the washer tub after cleaning.
 - When you use liquid chlorine bleach, load it into the liquid chlorine bleach compartment. When you use a powdered cleaner, add it into the main wash detergent compartment.
 - When you use cleaning tablets, place them directly into the washer tub. (Do not add cleaning tablets to the drawer.)

- 2 Do operate tub clean.

NOTE

- Never load laundry while using TUB CLEAN. The laundry may damage or become contaminated. Make sure to clean the washer tub when it is empty.
- Leave the door open after finishing the laundry to keep the tub clean.
- TUB CLEAN should be repeated monthly.
- Safely and conveniently secure the door slightly ajar with a magnetic door plunger. This will promote air circulation and allow the interior of the machine to dry.

NOTE

- Wave Force process during the Rinse step helps in maintaining tub hygiene. The tub is cleaned by rotating the water-filled tub at an optimized RPM.
- Wave Force is intrinsic within the Rinse step. No additional setting is required.
- Wave Force is NOT a substitute for the TUB CLEAN cycle. TUB CLEAN should still be repeated monthly to maintain hygienic use.

Removing Mineral Buildup

In areas with hard water, mineral scale can form

on internal components of the washer. Periodically clean the mineral buildup on the internal components to extend the lifespan of the washer.

Use of a water softener is recommended in areas with hard water.

- Use a descaler, to remove visible mineral buildup on the washer tub.
- After descaling, always run the Tub Clean cycle before washing clothing
- Mineral scale and other spots may be removed from the stainless steel tub using a soft cloth soaked in stainless steel cleaner.
- Do not use steel wool or abrasive cleaners.

! NOTE

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ERROR MODE

Meaning of Error Codes that LED displays during occurrence of problem.

Problem	Possible Cause	Solution
	- Water supply is not adequate in area. - Water supply taps are not completely open. - Water inlet hose is bent. - The filter of the inlet hose clogged.	Check another tap in the house. Fully open tap. Straighten hose. Check the filter of the inlet hose.
	- Drain hose is bent or clogged. - The drain filter is clogged.	Clean and straighten the drain hose. Clean the drain filter.
	- Load is too small. - Load is out of balance. - The appliance has an imbalance detection and correction system. If individual heavy articles are loaded (bath mat, bath robe, etc.) and the imbalance is too great, after several attempts to restart the spin cycle the machine will stop and the error code will be displayed.	Add 1~2 similar items to help balance the load. Rearrange the load in the tub to allow it to balance properly.
	Is the door opened or not completely closed?	Close the door completely. * If it will not open, call for service.
	Door lock is broken.	Check the door switch.
	The water overfills due to a faulty water valve.	Close the water tap. Unplug the power plug.
	The water level sensor malfunction.	Call for service.
	Overload in motor.	Restart the cycle after 30 minutes. If  is not released, call for service.
	Disconnection of card reader cable.	Check the card reader wire.
	Too much detergent is used.	This is not an error. It indicates a suds removal routine. It will clear and restart the cycle when the suds are gone.
	Thermistor is opened or shorted.	Thermistor should be replaced.
	Out of balance sensor is defective.	Sensor should be replaced.
	Load is out of balance or the out of balance sensor is defective.	Rearrange the load in the tub to allow it to balance properly. If problem persists replace the sensor.
	Malfunction in Heater system.	Check the heater and wire.

POWER FAIL RECOVERY

In case of power failure, the machine stops running but the time display remains on, showing the time just before power failure.

DEFAULT WASHER SETTINGS

Default Settings	Default
Wash Time	31 Minutes
Rinse Time	17 Minutes
Spin Time	11 Minutes
Rinsing times	Twice
Coin #1 Value	0,1
Vend Price	2,00
Top Spin speed	1000 rpm

SPECIFICATIONS

Model	
Power supply	220-240 V~ , 50 Hz , 3000-3600 W
Size	737 mm (W) x 814 mm (D) x 1036 mm (H), 1370 mm (D with door open)
Weight	101,2 kg
Wash capacity	15 kg Max load(kg) based on IEC load
Sound pressure level	Less than 70 dB
Spin speed	1000 rpm max.
Permissible water pressure	1,0-10,0 kgf/cm² (100-1000 KPa)

NOTE

- Specifications subject to change by manufacturer.
- RPM depends on the selected cycle and load type.
- Price setting varies by country.
- Set your country from **LOC1**
- After EEPT, reset your country (Default country is EUK)

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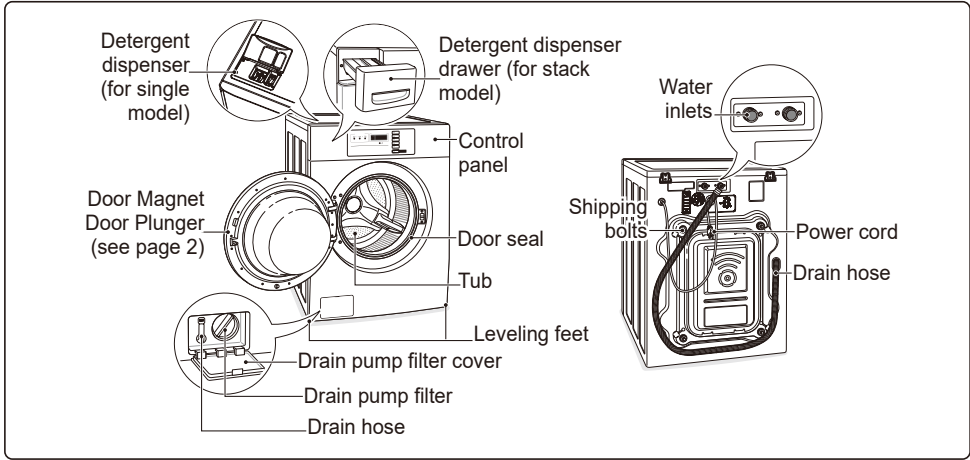
This manual is subject to revision by the manufacturer.

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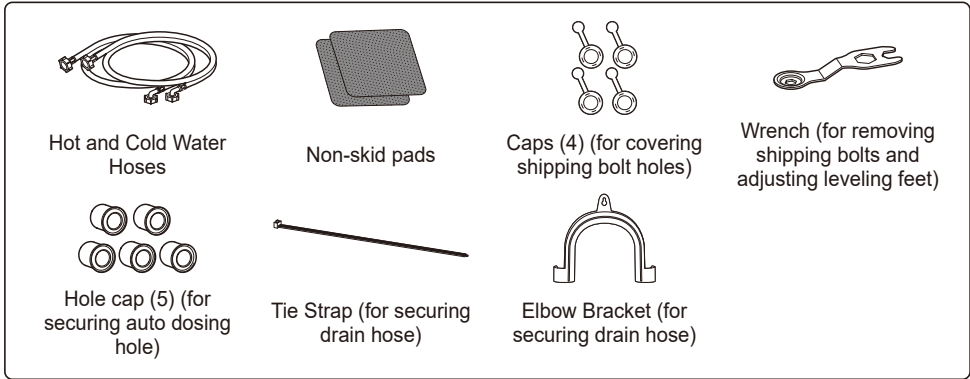
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PARTS AND ACCESSORIES

Parts



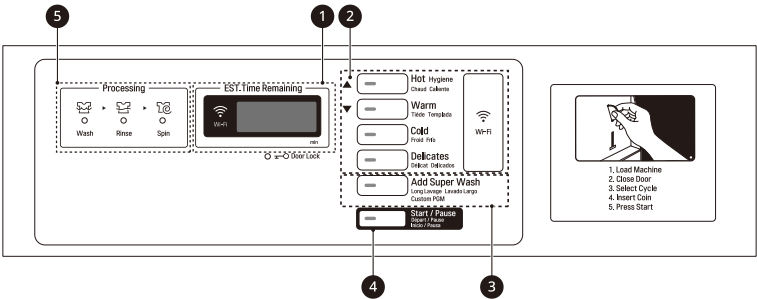
Accessories



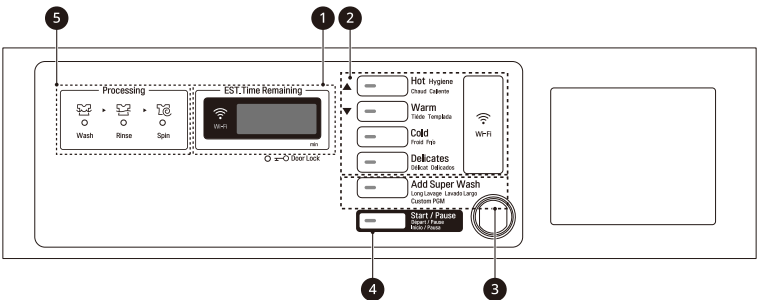
CONTROL PANEL FEATURES

Coin type

- Side by side



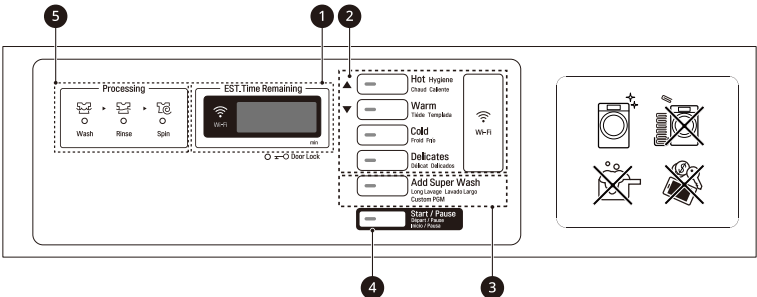
- Stack



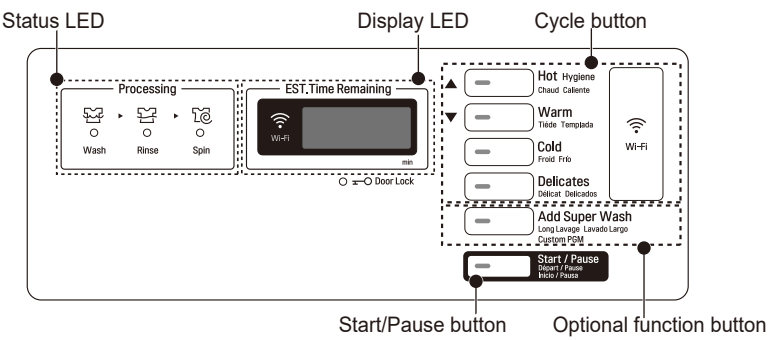
OPL type

- Side by side

- Stack



- 1 Display LED
- 2 Cycle button
- 3 Optional function button
- 4 Start/Pause button
- 5 Status LED



Display LED

The display shows the vend price and remaining time and programming options. Error codes are also displayed here.



Start/Pause button

The Start/Pause LED flashes when the full vend price has been satisfied and the cycle has been chosen.

Status LED

Cycle Buttons

Press the CYCLE buttons to select the desired cycle based on laundry types and conditions.

Hot

Use this cycle for heavily soiled loads.

Warm

Use this cycle for loads with moderately heavy soil.

Cold

Use this cycle for loads with normal soil.

Delicates

Use this cycle to wash sensitive fabrics that can be easily damaged.

Optional function button

Add Super Wash: Wash time or rinse cycle can be added when additional coin is inserted or a valid cash card is entered.

Custom PGM: Customized cycle program can be used. Only available in OPL type.

LED	Description
 Wash	LED flashes whenever the Washing cycle is in operation.
 Rinse	LED flashes whenever the Rinsing cycle is in operation.
 Spin	LED flashes whenever the Spinning cycle is in operation.
 Door Lock	LED flashes whenever the door lock is activated.
 Wi-Fi	LED flashes when the Wi-Fi is connecting. LED stays lit when the Wi-Fi is connected.

INSTALLATION INSTRUCTIONS

Checking and choosing the proper location

Install the washing machine on a solid concrete cement that is strong and rigid enough to support the weight of the washing machine, even when fully loaded, without flexing or bouncing. If the floor has too much flex, you may need to reinforce it to make it more rigid. If the floor is not solid, it may cause severe vibration and noise.

- 1 Clean the floor before installation.
 - Make sure to select solid and smooth ground.
- 2 Two or more people are needed for moving and unpacking the washing machine.
- 3 Allow for sufficient space between the walls and the washing machine for installation.

Space requirements

You must allow sufficient space for water lines, the drain line, and airflow.

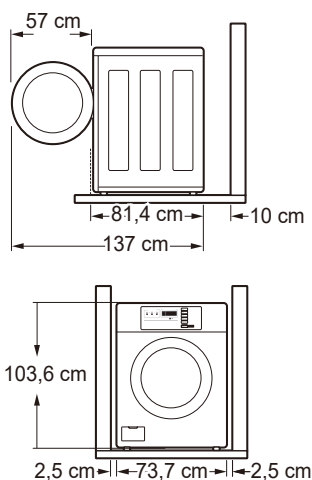
NOTE

- Be sure to allow for wall, door, or floor moldings that may increase the required clearances.

WARNING

- Certain internal parts are intentionally not grounded and may present a risk of electric shock only during servicing. Service personnel - Do not contact the following parts while the appliance is energized: pump, valve, motor, control board.

Installing on a floor



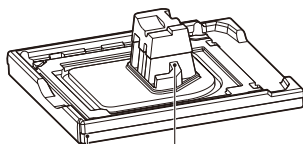
NOTE

- The floor must be strong and rigid enough to support the weight of the washer, when fully loaded, without flexing or bouncing. If your floor has too much flex, you may need to reinforce it to make it more rigid. A floor that is adequate for a top-loading washer may not be rigid enough for a front loading washer, due to the difference in the spin speed and direction. If the floor is not solid, your washer may vibrate and you may hear and feel the vibration throughout your house.
- Before installing the washer, make sure the floor is clean, dry and free of dust, dirt, water and oils so the washer feet can not slide easily. Leveling feet that can move or slide on the floor can contribute to excess vibration and noise due to poor contact with the floor.

Unpacking and removing shipping bolts

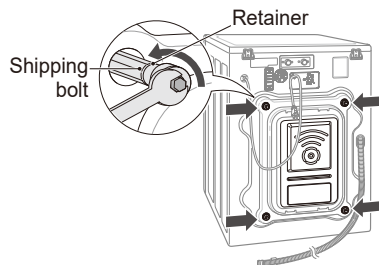
When removing the washer from the carton base, be sure to remove the foam drum support in the middle of the carton base. If you must lay the washer down to remove the base packaging materials, always lay it carefully on its side.

DO NOT lay the washer on its front or back.

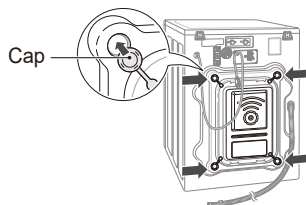


Carton Base Foam Tub Support

- 1 Remove the bottom two shipping bolts with the wrench (included) to fully loosen all four shipping bolts by turning them counterclockwise and then pulling them out.



- 2 Locate the four hole caps included in the accessory pack and install them in the shipping bolt holes.



NOTE

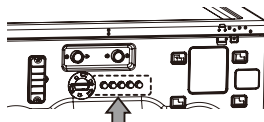
- Save the bolt assemblies for future use. To prevent damage to internal components, DO NOT transport the washer without reinstalling the shipping bolts.
- Failure to remove shipping bolts and retainers may cause severe vibration and noise, which can lead to permanent damage to the washer. The cord is secured to the back of the washer with a shipping bolt to help prevent operation with shipping bolts in place.

Installing Hole cap

- 1 Take the hole cap out from manual bag.



- 2 Insert the hole cap (5 pieces) into hose connect in back of the machine.

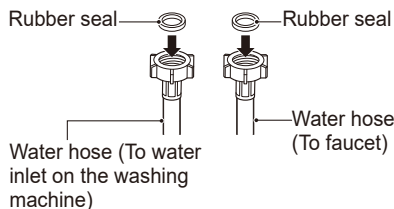


NOTE

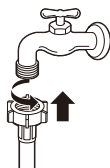
- In case of using auto dosing feature, inserting hole cap is unnecessary.

Connecting the water lines

- 1 Check the rubber seals on both sides of the hose.
 - Insert a rubber seal into the threaded fittings on each hose to prevent leaking.



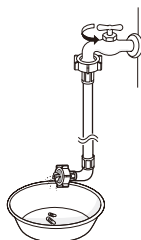
- 2 Connect the water supply hoses to the HOT and COLD water faucets tightly by hand and then tighten another 2/3 turn with pliers.
 - Connect the blue hose to a cold water faucet and the red hose to a hot water faucet.



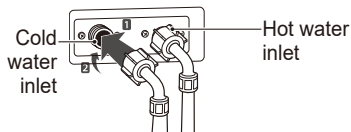
WARNING

- **Do not overtighten.** Damage to the coupling can result.

- 3 After connecting inlet hose to water faucets, turn on the water faucets to flush out foreign substances (dirt, sand, sawdust) in the water lines. Let water drain into a bucket, and check the water temperature.



- 4 Connect the hoses to the water inlets tightly by hand and then tighten another 2/3 turn with pliers.
 - Connect the blue hose to the cold water inlet and the red hose to the hot water inlet.



WARNING

- **Do not overtighten the hoses.** Overtightening can damage the valves resulting in leaking and property damage.

- 5 Check for leaks by turning on the faucets.
 - If water leaks, check steps 1 to 4 again.

NOTE

- For your safety, and for extended product life, use only authorized components. The manufacturer is not responsible for product malfunction or accidents caused by the use of separately purchased unauthorized parts.
- Use new hoses when you install the washing machine. Do not reuse old hoses. Use only the inlet hoses provided with the washer. LG does not recommend the use of aftermarket hoses.
- Periodically check the hoses for cracks, leaks and wear, and replace the hoses every 5 years.
- Do not stretch the water hoses intentionally, and make sure that they are not crushed by other objects.
- Water supply pressure must be between 1,0 kgf/cm² and 10,0 kgf/cm² (100~1000 KPa). If the water supply pressure is more than 10,0 kgf/cm², a pressure reducing valve must be installed.
- To provide optimum washing performance the hot water temperature should be set at 120-135°F (48-57°C) and the cold at 60°F (15°C).

Connecting the drain line

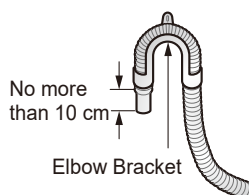
Secure the drain hose in place to prevent moving and leaking.

NOTE

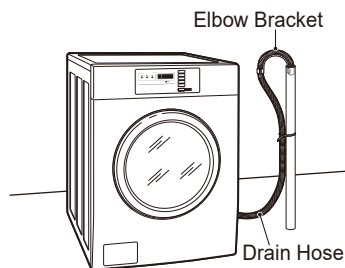
- The drain hose should be properly secured. Failure to properly secure the drain hose can result in flooding and malfunction.
- Total height of the hose end should not exceed 100,0 cm from the bottom of the washer.
- The drain must be installed in accordance with any applicable local codes and regulations.
- Make sure that the water lines are not stretched, pinched, crushed, or kinked.

Using a standpipe

- 1 Clip the end of the hose into the elbow bracket.
 - Connect the elbow bracket within 10 cm from the end of the drain hose. If the drain hose is extended more than 10 cm beyond the end of the elbow bracket, mold or microorganisms could spread to the inside of the washer.



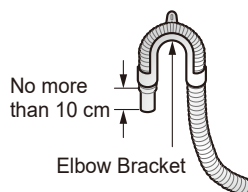
- 2 Insert the end of the drain hose into the standpipe.



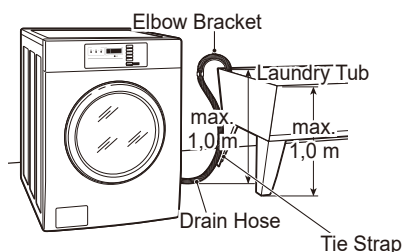
- 3 Use a tie strap to secure the drain hose in place.

Using a laundry tub

- 1 Clip the end of the hose into the elbow bracket.
 - Connect the elbow bracket within 10 cm from the end of the drain hose. If the drain hose is extended more than 10 cm beyond the end of the elbow bracket, mold, or microorganisms could spread to the inside of the washer.

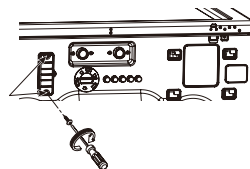


- 2 Hang the end of the drain hose over the side of the laundry tub.



- 3 Use a tie strap to secure the drain hose in place.

Connecting the auto dosing



- 1 Unscrew the 2 screws on the protective cover and remove the cover.
- 2 Connect the auto dosing harness from Accessory parts.

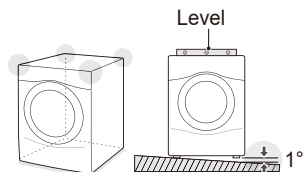
NOTE

- The voltage of the auto dosing machine should be the same as the washer's voltage.

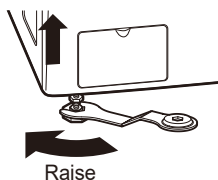
Leveling the washing machine

The washer tub of your new washing machine spins at very high speeds. To minimize vibration, noise, and unwanted movement, the floor must be perfectly level and solid.

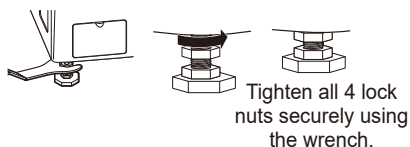
- 1 Check the washing machine's level.
 - Check the precise level by rocking the top edges of the washing machine or placing a level on the washing machine. The slope beneath the washing machine must not exceed 1°, and all four leveling feet must rest firmly on the floor.



- 2 Turn the lower leveling feet clockwise to level the washing machine.
 - Turning the lower leveling feet clockwise raises the washing machine.



- 3 Turn the locknuts counterclockwise and tighten them when the washing machine is level.



- 4 Check the washing machine's level again.
 - Push or rock the top edges of the washing machine gently to make sure that the washing machine does not rock.
 - If the washing machine rocks, repeat steps 1 to 3.

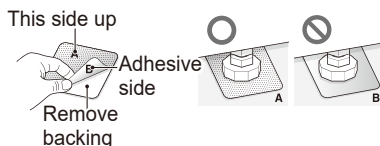
WARNING

- Using the washing machine without leveling, it may result in malfunction caused by the production of excess vibration and noise.
- **Use the leveling feet only when you level the washing machine.** If you raise the leveling feet unnecessarily, it may cause abnormal vibration of the washing machine.

Using non-skid pads (optional)

If you install the washing machine on a slippery surface, it may move because of excessive vibration. Incorrect leveling may cause malfunction through noise and vibration. In the event of this, lay the non-skid pads under the leveling feet and adjust the level.

- 1 Clean the floor to attach the non-skid pads.
 - Use a dry rag to remove and clean foreign objects or moisture. If moisture remains, the non-skid pads may slip.
- 2 Adjust the level after placing the washing machine in the installation area.
- 3 Place the adhesive side of the non-skid pad on the floor.
 - It is most effective to install the non-skid pads under the front legs. If it is hard to place the pads under the front legs, place them under the back legs.



- 4 Check the washing machine's level again.
 - Push or rock the top edges of the washing machine gently to make sure that the washing machine does not rock. If the washing machine rocks, level the washing machine again.

PREPARATION

Precautions for fabric care before wash cycle

Read and observe the following to prevent shrinkage or damage to clothes.

- Check all pockets to make sure that they are empty.
 - Items such as clips, matches, pens, coins, and keys can damage both your washer and your clothes.
- Close zippers, hooks, and drawstrings to prevent these items from snagging or tangling on other clothes.
- Pretreat heavily stained areas before washing.
 - Doing so will produce clean, stain-free results.
- Combine large and small items in a load. Load large items first.
- The washer can be fully loaded, but the drum should not be tightly packed with items.
 - The door of the washer should close easily.
- Do not wash waterproof clothes.
 - This may cause abnormal vibration or may cause the load to bounce, which could damage the tub.
- Check if there are any other foreign objects in the door seal and take extra care that clothes do not get caught there.
 - Foreign objects in the door seal may stain clothes, and water may leak if clothes get caught in the door seal.
- Wash underwear or small, light items in a laundry net.
 - Small, light items may get caught in the door seal, and a brassiere hook may damage other items or the tub.
- Brush heavy soil, dust, or hair off fabrics before washing.
 - Laundry may not wash clean if there is dirt or sand on the fabrics, or they may be damaged due to particles rubbing against sheer fabrics.
- Wash blankets individually.
 - Washing more than one blanket together may produce unclear results due to tangling or an unbalanced load.
- Always separate fabrics according to their colors and wash them separately to prevent colors from running.
 - Fabrics may damage or become stained due to fabric dyes running or due to foreign objects transferring from one fabric to another.

Fabric care labels

Most articles of clothing feature fabric care labels that include instructions for proper care.

Category	Label	Directions
 Washing		Hand Wash
		Machine Wash, Normal Cycle
		Use Permanent Press/ Wrinkle Resistant washing machine setting (which has a cool down or cold spray before the reduced spin)
		Use Gentle/Delicate washing machine setting (slow agitation and/ or reduced wash time).
		Do Not Wash
		Do Not Wring
Water Temperature	...	Hot
	..	Warm
	.	Cold/Cool
 Bleach symbols		Any Bleach (When Needed)
		Only Non-Chlorine Bleach (When Needed)
		Do Not Bleach

Sorting laundry

It is recommended that you sort laundry into similar loads that are washable in the same cycle. Refer to the following chart for sorting clothes

Colors	Whites / Lights / Darks
Soil	Heavy / Normal / Light
Fabric	Delicates / Easy Care / Sturdy Cottons
Lint	Lint Producers / Lint Collectors

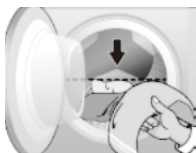
How to wash better

It is recommended to follow the below guide for better wash performance.

Load Type	Recommended Capacity	How to Wash Better
Everyday Clothes	Less Than 13kg	Frontload washers use dropping action for wash performance. Therefore, it is better to NOT fully load the drum. Oversudsing also prevents efficient wash performance.
Blanket	Less Than 9kg	Do not use 2 blankets with big differences in size. It may not extract properly. Use similar-sized blankets.
Bed Sheets	Less Than 9kg	Any Bleach (When Needed)
Carpet/Rug	Do Not Use	Only Non-Chlorine Bleach (When Needed)
Footwear	Do Not Use	Do Not Bleach
Pillow	Do Not Use	

Laundry loading guide

Loading your laundry following the below guide will help to increase the lifetime and wash performance of the washer



- Single items or mixed items that include large items should be less than half of the maximum capacity(dry condition).
 - Single items : Consists only of one type of garment, such as 5kg of towel.
 - Mixed items : Consists of various types of garments.
 - Large item : bed linen/sheet, bath sheet, bath towel, and blanket.
- Mixed items (without large items) should only be loaded up to 2/3 of the drum for optimal performance.

NOTE

- Do not overload as this reduces cleaning efficiency and causes gasket wear.

About the dispenser

The automatic dispenser consists of three compartments which hold:

- Liquid chlorine bleach.
- Liquid fabric softener.
- Liquid and powdered detergent and colorsafe bleach for main wash.

All laundry products can be added at once in their respective dispenser compartments. They will be dispensed at the appropriate time for the most effective cleaning.

After adding the laundry products to the dispenser, close the dispenser cover.

To add detergent, bleach, and fabric softener to the automatic dispenser:

- 1 Open the dispenser cover.
- 2 Load the laundry products into the appropriate compartments.
- 3 Slowly close the dispenser cover to avoid early dispensing of the laundry products.

NOTE

- It is normal for a small amount of water to remain in the dispenser compartments at the end of the cycle.

Loading the dispenser

Main Wash Detergent Compartment

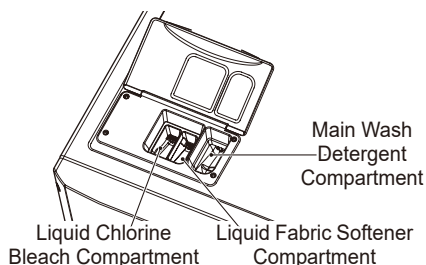
This compartment holds laundry detergent for the main wash cycle, which is added to the load at the beginning of the cycle.

Follow the detergent manufacturer's instructions with respect to the amount of detergent to use, and never use more than the recommended amount. Using too much detergent can result in detergent buildup in clothing and the washer. Either powdered or liquid detergent may be used.

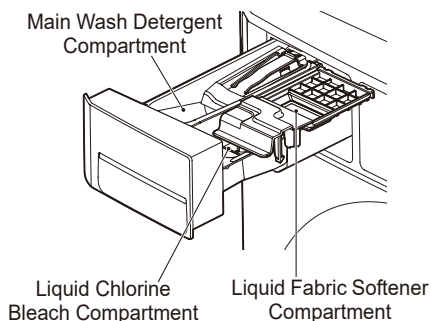
NOTE

- Liquid or powdered color-safe bleach may be added to the main wash compartment with detergent of the same type.

- Single model -



- Stack model -



Liquid Bleach Compartment

This compartment holds liquid chlorine bleach, which will be dispensed automatically at the proper time during the wash cycle.

NOTE

- Do not add powdered or liquid color-safe bleach to this compartment.
- Always follow the manufacturer's recommendations when adding bleach. Do not exceed the maximum fill line. Using too much bleach can damage fabrics.
- Never pour undiluted liquid chlorine bleach directly onto the load or into the drum. Fabric damage can occur.

Fabric Softener Compartment

This compartment holds liquid fabric softener, which will be automatically dispensed during the final rinse cycle.

NOTE

- Always follow the manufacturer's recommendations when adding fabric softener. Do not exceed the maximum fill line. Using too much fabric softener may result in stained clothes.
- Dilute concentrated fabric softeners with warm water. Do not exceed the maximum fill line.
- Never pour fabric softener directly onto the load or into the drum.
- Do not add the fabric softener sheets to this compartment.
- Do not add 'fabric sheet softener' into the dispenser draw as it is likely to cause water to leak out. If 'fabric sheet softener' has been added, please pull out the dispenser draw and remove.

OPERATING YOUR WASHER

- 1 Ready mode
- All types of machines show 'PUSH'

NOTE

- Price setting varies by country
- Set your country from **Loc** mode
- After EEPT, reset your country (Default country is EUK)

2 Select the cycle

Press the desired button and the display will show you the price of the cycle.(You cannot change the cycle while the machine is running.)

- **Add Super Wash** (Optional, only in Coin/Card type)Wash time or rinse cycle can be added when additional coin is inserted, or a valid cash card is entered.
- **Select cycles designed for different types of fabric and soil levels.**

CYCLE	Fabric type	Wash/Rinse Temp.
Hot	Cotton, linen, towels, shirts, sheets	Hot / Cold
Warm	Cotton, mixed loads, work clothes, jeans, shirts	Warm / Cold
Cold	Cotton, dress shirts, pants, wrinkle-free clothing, cotton/ poly blend clothing, tablecloths	Cold / Cold
Delicates	Dress shirts, blouses, nylons, sheer or lacey garments	Cold / Cold

NOTE

- When the card balance is insufficient, machine displays **bRL** and the card balance.

3 Insert Coin/Card (Not for OPL type)

Insert a sufficient amount of change that is more than the programmed vend price for the selected cycle.Insert a card that has a sufficient balance. The card balance should be more than the programmed vend price for the selected cycle.

4 Change cycle

You can not change the cycle while the machine is running.

5 Cycle finish

The machine stops and the display shows 'End' with beep sound.

* Do not work any button when a cycle is in progress.

**WARNING**

- To reduce the risk of fire, electric shock, or injury to persons, **read the IMPORTANT SAFETY INSTRUCTIONS before operating this appliance.**

PROGRAMMING MODE

: You can check machine information or change setting on Program setup, collect information data, Diagnostic test.

There are two methods that you can enter programming mode.

How to enter Programming mode:

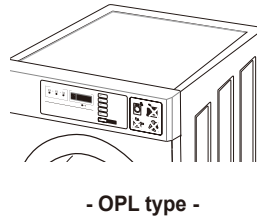
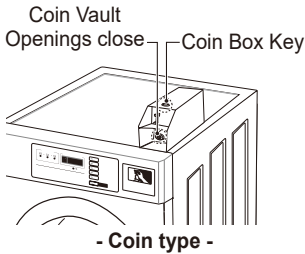
- **Coin type** – Turn on/off the toggle switch.
- **Card type** – Insert the service card.
- **All types** –

- 1 Press the 1st & 3rd button at the same time. **0---**
- 2 Press the 2nd & 3rd buttons to toggle numbers. Then, press the 4th button to move to the next digit. **-0--**
- 3 Press the Start button to finish password input. **L9C1**

* Default Password : 3000

<Control Panel Button>

1st		Hot Hygiene Chaud Caliente
2nd		Warm Tiède Tempada
3rd		Cold Froid Frio
4th		Delicates Délicat Delicados
5th		Add Super Wash Long Longue Lavende Longo *Custom Wash
Start		Start / Pause Départ / Pause Rece / Pausa



NOTE

- If you turn on the power without connecting meter case for the first time, the machine display **L9C1**.
- When the machine is shipped from the factory, it is **set in the coin type**. You can change Card/Coin type by button. (For more information refer to SETUP mode.)
- The machine will display PUSH for OPL type
- Price setting varies by country
- Set your country from **L9C1** mode (Refer How to enter the **E4PE**)
- After EEPT, reset your country (Default country is EUK)

Structure of Programming mode – Card / Coin type

Algorithm flow chart shows how to control the programming mode.

Before program set, check the structure of the programming mode.

- 1 Turn on/off toggle switch or Insert service card, for entering set up mode (or follow OPL type instructions).
- 2 Press Hot button to move to the upper level.
- 3 Press Warm (+) or Cold (-) button if you want to be at the same level.
- 4 Press Start button to enter the details of Set up or Diagnostic Tests.

SETUP is to set price value, time value, vend type, etc.

TEST consists of line test, reset, free cycle, and kill cycle.

CLCB is to collect the usage data.

SETUP		TEST		CLCB	
r9Pr	UESd	L9C1	r9Pr	ACr4	1tUC
s9Pr	AUCt	L9C2	r9P1	ACr5	1tU1
scPr	Co1	L1FE	r9P2	ACr6	ACt1
AUPr	P1Pa	EEPt	r9P3	SCPr	1tEC
FEr1	6EEP	E13E	r9P4	1tSC	ACtC
FEr2	FEFr	COUr	r9P5	ACSC	1tEd
FEr3	E4PE	h1LL	r9P6	AUPr	ACd
s9Pd	dPtc	PA55	1trC	1tAU	1tSd
SPbt	COSt	tcl	1tr1	ACAU	ACSD
SPEt			1tr2	1tSU	1tA3
PrSt			1tr3	ACSU	ACR3
EECC			1tr4	1tFC	ACdP
nrPC			1tr5	ACFC	ACtL
nrPt			1tr6	ACrE	ACPC
tSSd			ACrC	1trr	
WULE			ACr1	1tbb	
rSEn			ACr2	1tPd	
dHUE			ACr3	1tdd	
rSUE					

NOTE

- Do not use **L9C2**, **L1FE**. (It is used only in inspecting the machine.)
- Price setting varies by country
- Set your country from **Co1** mode (Refer How to enter the **E4PE**)
- **P1Pa** This function is for Card type only.
- After EEPT, reset your country (Default country is EUK)

Structure of Programming mode – OPL type

Algorithm flow chart shows how to control the programming mode.

Before program set, check the structure of the programming mode.

- 1 Turn on/off toggle switch or Insert service card, for entering set up mode (or follow OPL type instructions).
- 2 Press Hot button to move to the upper level.
- 3 Press Warm (+) or Cold (-) button if you want to be at the same level.
- 4 Press Start button to enter the details of Set up or Diagnostic Tests.

SETUP is to set price value, time value, vend type, etc.

TEST consists of line test, reset, free cycle, and kill cycle.

CLCB is to collect the usage data.

SETUP		TEST		CLCB	
SPR	WESd	L9C1	r9Pr	ACr4	1tUC
SPR	AVCb	L9C2	r9Pr	ACr5	1tU1
SCPr	CB1	L1FE	r9Pr	ACr6	ACt1
AUPr	PIPO	EEPt	r9Pr	SCPr	1t6C
FEr1	6EEP	E13E	r9Pr	1t5C	ACtC
FEr2	FEPr	COUr	r9Pr	AC5C	1tU
FEr3	t4PE	KILL	r9Pr	AC5C	ACd
SPPr	dP6C	PASS	1trC	1tAU	1t5d
SP6E	CUSE	tCL	1tr1	ACAU	AC5d
SP6E			1tr2	1t5U	1tA3
Pr5E			1tr3	AC5U	ACr3
CC6C			1tr4	1tFC	ACdP
nrPC			1tr5	ACFC	ACtL
WPrE			1tr6	ACrE	ACPC
t55d			ACrC	1trr	
WULE			ACr1	1t6b	
r5En			ACr2	1tPd	
dHUE			ACr3	1tdd	
r5UE					

NOTE

- Do not use **L9C2**, **L1FE**. (It is used only in inspecting the machine.)

PROGRAMING MODE – SETUP MODE

Setup Mode : **SETUP** (display)

You can change washer vend price, cycle time, and cycle parameters, etc.

How to enter Programming mode:

- **Coin type** – Turn on/off the toggle switch.
 - **Card type** – Insert the service card.
 - **All types** –
- 1 Press the 1st & 3rd button at the same time. **0---**
 - 2 Press the 2nd & 3rd buttons to toggle numbers. Then, press the 4th button to move to the next digit. **-0--**
 - 3 Press the Start button to finish password input. **L9C1**

* Default Password : 3000

<Control Panel Button>

1st  Hot Hygiene
Chase cabinet

2nd  Warm
Tide Tempdate

3rd  Cold
Free Frip

4th  Delicates
Delicat Delicates

5th  Add Super Wash
Long Longe Lende Longe
*Custom PGM

Start  Start / Pause
Stop / Pause
Reset / Pause

1. **REGP** Regular Price Setup

How to set regular prices for all/each course.

Regular Price Setup		Display
Enter SVC mode		L9C1
Press 1st button		EESE
Press 2nd button		SETUP
Press start button		REGP
Press 2nd button or 3rd button	Until display shows	REGP
Press start button		ALL
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	Start button to select : ➤ 1st button to go back a step : ➤ SETUP ➤ REGP ➤ ALL ➤ 2.00 COS1 COS2 2nd button move up : ➤ COS3 3rd button move to down : ➤ COS4 COS5 COS6	
Press Start to set the price	The next course setting will be displayed.	COS1

NOTE

- Range : 0,00~10,00
- Increments : 0,1
- ALL is to select the default prices for all the courses at once.
- Select individual price for COS1~6.
- COS1 : Hot

- COS2 : Warm
 - COS3 : Cold
 - COS4 : Delicates
 - COS5, COS6 : Heater model only
- * Individual course prices are prioritized above **ALL**
- Set your currency type using **Loc1**

2.**SPPr** Special Price Setup

How to set special prices for all/each course.

Special Price Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		F9Pr
Press 2nd button or 3rd button	Until display shows	SPPr
Press start button		ALL
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ SPPr ▶ ALL ▶ 0.00 COS1 COS2 COS3 COS4 COS5 COS6	
Press Start to set the price	The next course setting will be displayed.	COS1

NOTE

- Range : 0,00~10,00
- Increments : 0,1
- ALL is to select the default prices for all the courses at once.
- Select individual price for COS1~6.
- COS1 : Hot

- COS2 : Warm
 - COS3 : Cold
 - COS4 : Delicates
 - COS5, COS6 : Heater model only
- * Individual course prices are prioritized above **ALL**.
- Set your currency type using **Loc1**

3. **SCPr** Add Super Wash Price Setup

How to set Add Super Wash Price.

* Add Super Wash is used to add extra wash, rinse, or both (only in Pay type).

Add Super Wash Price Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29Pr
Press 2nd button or 3rd button	Until display shows	SCPr
Press start button		0.50
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ SCPr ▶ 0.50	
Press Start to set the price	The next menu setting will be displayed.	8UPr

NOTE

- Range : 0,00~10,00
- Increments : 0,1
 - Set your currency type using **Loc1**

4. **RUPP** Auto Dosing Price Setup

How to set Auto Dosing Price.

* Auto dosing is used to inject detergent/chemicals using external pumps (only in Pay type).

Auto Dosing Price Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		P9PP
Press 2nd button or 3rd button	Until display shows	RUPP
Press start button		0.50
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ► RUPP ► 0.50	
Press Start to set the price	The next menu setting will be displayed.	FEA1

NOTE

- Range : 0,00~10,00
- Increments : 0,1
 - Set your currency type using **LOC1**

5.FEEL Features of the Machine (1st Set)

How to set up Features of the Machine. There are multiple setup features under FEEL.

Features of the Machine (1st Set)		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P2
Press 2nd button or 3rd button	Until display shows	FEEL
Press start button		SPdE
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ► FEEL ► SPdE PR4H 3rPL EEIn PAUS	
Press Start to set sub-function		

NOTE

- SPdE : Special price day enable or disable
- PR4H : Easy entry payment cycle kill enable or disable
- 3rPL : Maximum rpm limit enable or disable
- EEIn : Twin spray enable or disable
- PAUS : Pause function enable or disable

5-2.**PA4h** Easy Entry Payment Cycle Kill Setup

Easy entry cycle kill can be enabled or disabled in the payment cycle

Easy Entry Payment Cycle Kill Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P2
Press 2nd button or 3rd button	Until display shows	FEA1
Press start button		SPdE
Press 2nd button or 3rd button	Until display shows	PA4h
Press start button		d15b
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ FEA1 ▶ PA4h ▶ d15b EnAb	
Press Start to enable or disable	The next menu setting will be displayed.	32PL

NOTE

d15b Shortcut key not available

EnAb Shortcut key available

- Shortcut key : Press and hold the start button for at least 3 seconds.

5-3.3-PL Max RPM Limit Setup

Max RPM Limit Setup can be used to enable/disable the ability to limit the max RPM during spin process.

Max RPM Limitation Setup		Display
Enter SVC mode		L900
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29Pr
Press 2nd button or 3rd button	Until display shows	FEA1
Press start button		SPDE
Press 2nd button or 3rd button	Until display shows	3-PL
Press start button		d15b
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ FEA1 ▶ 3-PL ▶ d15b ERRb	
Press Start to enable or disable	The next menu setting will be displayed.	EEIn

NOTE

If enabled, the max RPM will adjust according to the laundry load.
Max RPM will be reduced for highly unbalanced loads.

5-4. **EE In** Twin Spray Setup

Twin Spray Setup can be used to enable/disable water circulation during tumble.

Twin Spray Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		SPdE
Press 2nd button or 3rd button	Until display shows	FEA1
Press start button		SPdE
Press 2nd button or 3rd button	Until display shows	EE In
Press start button		d15b
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ FEA1 ▶ EE In ▶ d15b EnAb	
Press Start to enable or disable	The next menu setting will be displayed.	PAUS

NOTE

For better wash performance, twin spray pumps up water from the bottom of the tub to spray soapy water on laundry while tumbling.

5-5. PAUSE Pause Function Setup

Pause Function Setup can be used to enable/disable the ability to pause the cycle when pressing the start/pause button.

Pause Function Setup		Display
Enter SVC mode		LR01
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		SPDE
Press 2nd button or 3rd button	Until display shows	FEA1
Press start button		SPDE
Press 2nd button or 3rd button	Until display shows	PAUS
Press start button		EnAb
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ► FEA1 ► PAUS ► EnAb DISB	
Press Start to enable or disable	The next menu setting will be displayed.	SPDE

6.FE R2 Features of the Machine (2nd Set)

How to set up features of the machine. There are multiple setup features under FE R2.

Features of the Machine (2nd Set)		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P2
Press 2nd button or 3rd button	Until display shows	FE R2
Press start button		SbEn
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ FE R2 ▶ SbEn SUUE AUUE SPUE Ec oP Ec HE Ec bE	

NOTE

SbEn : 5th button fuction select (Add super wash or Auto dosing charging)

SUUE : Add super wash enable or disable

AUUE : Auto dosing function enable or disable

SPUE : Add super wash type

Ec oP : Tub clean load detection enable or disable

Ec HE : Tub clean heater usage enable or disable

Ec bE : Tub clean easy entry function enable or disable

6-1. **SbLn** 5th Button Type Setup

5th Button Type Setup can be used to set the function of the 5th button.

5th Button Type Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P2
Press 2nd button or 3rd button	Until display shows	FEA2
Press start button		SbLn
Press 2nd button or 3rd button	Until display shows	AdDS
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ► FEA2 ► SbLn ► AdDS Auto	
Press Start to set sub-fuction	Display returns to standby mode.	

NOTE

Setting to **AdDS** will make the 5th button function as Add Super Wash.

Setting to **Auto** will make the 5th button function as payment for auto dosing.

6-2.**SUUE** Add Super Wash Setup

Add Super Wash Setup can be used to enable/disable the super wash function.

* Add Super Wash is used to add extra wash, rinse, or both (only used in Pay type).

Add Super Wash Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		FEA2
Press 2nd button or 3rd button	Until display shows	FEA2
Press start button		SEEN
Press 2nd button or 3rd button	Until display shows	SUUE
Press start button		ENAB
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ FEA2 ▶ SUUE ▶ ENAB disb	
Press Start to enable or disable	The next menu setting will be displayed.	AUTE

6-3.**RULEE** Auto Dosing Setup

Auto Dosing Setup can be used to enable/disable the Auto dosing function.

Auto Dosing Setup		Display
Enter SVC mode		U9C1
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		F9P2
Press 2nd button or 3rd button	Until display shows	FEA2
Press start button		SEEA
Press 2nd button or 3rd button	Until display shows	RULE
Press start button		ENAB
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ FEA2 ▶ RULE ▶ ENAB disb	
Press Start to enable or disable	The next menu setting will be displayed.	SPCE

6-4.**SPEC** Add Super Wash Type Setup

Add Super Wash Type Setup can be used to add extra wash cycle, rinse cycle, or both.

Add Super Wash Type Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		FEPA
Press 2nd button or 3rd button	Until display shows	FEA2
Press start button		SEEA
Press 2nd button or 3rd button	Until display shows	SPEC
Press start button		both
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ FEA2 ▶ SPEC ▶ both FEPA WUE	
Press Start to set sub-fuction	The next menu setting will be displayed.	EEPA

NOTE

both : Both (Increase wash time and rinse once more)

WUE : Increase wash time

FEPA : Rinse once more

6-5. **EECP** Tub Clean Load Detection Setup

Tub Clean Load Detection Setup can be used to enable/disable the ability to detect laundry load during tub clean. If enabled, the washer will detect whether or not a load is present in the washer.

Tub Clean Load Detection Setup		Display
Enter SVC mode		U900
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P2
Press 2nd button or 3rd button	Until display shows	FEA2
Press start button		56EN
Press 2nd button or 3rd button	Until display shows	EECP
Press start button		ENAB
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ FEA2 ▶ EECP ▶ ENAB DISB	
Press Start to enable or disable	The next menu setting will be displayed.	EEHE

6-6. **EEHE** Tub Clean Heater Setup

Tub Clean Heater Setup can be used to enable/disable the ability to use the heater during tub clean. If enabled, the heater will be used for the tub clean.

Tub Clean Heater Setup		Display
Enter SVC mode		L900
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P2
Press 2nd button or 3rd button	Until display shows	FEA2
Press start button		SEEN
Press 2nd button or 3rd button	Until display shows	EEHE
Press start button		d15b
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ► FEA2 ► EEHE ► d15b ENAB	
Press Start to enable or disable	The next menu setting will be displayed.	EEbE

6-7.**EEbE** Tub Clean Button Setup

Tub Clean Button Setup can be used to enable/disable the easy entry function for the new tub clean

Tub Clean Button Setup		Display
Enter SVC mode		U9C1
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		F9P2
Press 2nd button or 3rd button	Until display shows	FEA2
Press start button		SEbE
Press 2nd button or 3rd button	Until display shows	EEbE
Press start button		EnAb
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ FEA2 ▶ EEbE ▶ EnAb d15b	
Press Start to enable or disable	The next menu setting will be displayed.	SEbE

NOTE

d15b Shortcut key not available

EnAb Shortcut key available (Press and hold 1st and 2nd button in same time)

7.FERR Features of the Machine (3rd Set)

How to set up features of the machine. There are multiple setup features under FERR.

Features of the Machine (3rd Set)		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		F9P2
Press 2nd button or 3rd button	Until display shows	FERR
Press start button		S1EE
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ FERR ▶ S1EE SPon ItcL 93ad H4CS	

NOTE

- S1EE : Spin type
- SPon : Spin only easy entry function enable or disable
- ItcL : Initial tub clean enable or disable
- 93ad : quick mode enable or disable
- H4CS : Hygiene Course enable or disable

7-1. **51EE** Spin Type Setup

Spin Type Setup can be used to select spin type between multi-housing type and coin laundry type.

Spin Type Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		F9P2
Press 2nd button or 3rd button	Until display shows	FEA3
Press start button		51EE
Press start button		3ULE
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ FEA3 ▶ 51EE ▶ 3ULE LAU2	
Press Start to set spin type	The next menu setting will be displayed.	SP00

NOTE

3ULE Vibration is lower than Coin type, but spin entry time may be longer. This setting is recommended for locations with bad flooring conditions, such as apartments or dormitories.

LAU2 Vibration is higher than Multi type, but spin entry time will be shorter. This setting is recommended for locations with good flooring conditions, such as laundromats.

- Long spin entry time means an increase in total cycle time.

7-2.**SPon** Spin Only Easy Entry Setup

Spin Only Easy Entry Setup can be used to enable/disable the easy entry function for the spin only.

Spin Only Easy Entry Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P2
Press 2nd button or 3rd button	Until display shows	FEA3
Press start button		51EE
Press 2nd button or 3rd button	Until display shows	SPon
Press start button		EnAb
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ FEA3 ▶ SPon ▶ EnAb d15b	
Press Start to enable or disable	The next menu setting will be displayed.	1E2L

NOTE

- In the case when the washer completes a cycle but the clothes are still very wet, the spin only feature will be activated and ready for use.
- This condition is based on the program of the machine, in some cases it may not be available. Even if the spin only is not available to the customer after a load, it does not mean the washer requires service.

7-3. How to use Spin only easy entry

When the washer completes a cycle but the clothes are still very wet, please run a spin only cycle using the easy entry function.

Spin only easy entry		Display
Press and hold 5th button for at least 3 seconds.	Display shows SP In if the function is activated.	SP In
Press start button	Display will show the remaining time and the Spin only cycle starts.	
	When the Spin only cycle is finished, End is displayed with beeping.	End
	Go back to ready mode.	

NOTE

- There will be no visible indication even when the Spin Only Easy Entry function becomes activated. The machine will be in ready/idle mode.
 - PA4** type: PUSH is displayed.
 - FE6** type: PUSH is displayed.

7-4. **HECL** Pre clean button setup

Pre clean button setup can be used to enable/disable button that entry a short tub wash cycle.

Pre clean button setup		Display
Enter SVC mode		U9C1
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		F9P2
Press 2nd button or 3rd button	Until display shows	FEA3
Press start button		S1EE
Press 2nd button or 3rd button	Until display shows	HECL
Press start button		D156
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ FEA3 ▶ HECL ▶ D156 ENAB	
Press Start to enable or disable	The next menu setting will be displayed.	9368

7-5. How to use Pre clean

When the customer or manager want to use short wash the tub before the cycle, please run a pre clean cycle.

Pre clean entry		Display
Press and hold 1st button for at least 3 seconds.	Display shows 0003 if the function is activated.	
Press start button	Display will show the remaining time and the Spin only cycle starts.	
	When the Spin only cycle is finished, End is displayed with beeping.	
	Go back to ready mode.	

NOTE

- There will be no visible indication even when the Pre clean becomes activated. The machine will be in ready/idle mode.
- After one cycle, additional cycles are not possible continuously.
 - **PA4** type: PUSH is displayed.
 - **FE8** type: PUSH is displayed.

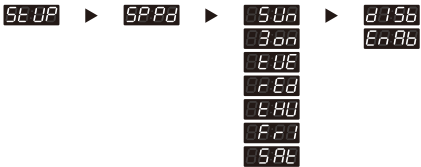
7-6. **93_{od}** quick mode setup

Quick mode setup can be used to enable/disable the use quick cycle.

quick mode setup		Display
Enter SVC mode		U9C1
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		F9P2
Press 2nd button or 3rd button	Until display shows	FEA3
Press start button		S1EE
Press 2nd button or 3rd button	Until display shows	93_{od}
Press start button		EnAb
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ FEA3 ▶ 93_{od} ▶ EnAb d15b	
Press Start to enable or disable	The next menu setting will be displayed.	H4C5

8. Special Price Day Setup

Special Price Day Setup can be used to select which days to apply special prices.

Special Price Day Setup		Display
Enter SVC mode		
Press 1st button		
Press 2nd button		
Press start button		
Press 2nd button or 3rd button	Until display shows	
Press start button		
Press Start button		
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value		
Press Start to enable or disable	The next menu setting will be displayed.	

9. **Special Price Beginning Time Setup**

Special Price Beginning Time Setup can be used to set the start time of special prices.

Special Price Beginning Time Setup		Display
Enter SVC mode		
Press 1st button		
Press 2nd button		
Press start button		
Press 2nd button or 3rd button	Until display shows	
Press start button		
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	 ►  ► 	
Press Start to set time	The next menu setting will be displayed.	

NOTE

- Make sure to set up the Time feature before using this feature.
- Range : 0~23 hr
- Increments : 1

10. **SPEE** Special Price Ending Time Setup

Special Price Ending Time Setup can be used to set the end time for special prices.

Special Price Ending Time Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		F9P2
Press 2nd button or 3rd button	Until display shows	SPEE
Press start button		00:00
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ► SPEE ► 00:00	
Press Start to set time	The next menu setting will be displayed.	P2SE

NOTE

- Range : 1~24 hr
- Increments : 1

12. **EEEE** Wash Time Setup

Wash Time Setup can be used to set the duration of the wash process.

Wash Time Setup		Display
Enter SVC mode		U901
Press 1st button		EEEE
Press 2nd button		SEUP
Press start button		29P2
Press 2nd button or 3rd button	Until display shows	EEEE
Press start button		0051
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ► EEEE ► 0051 ► 0052 0053 0054 0055 0056	
Press Start to set time	The next course setting will be displayed.	0052

NOTE

- Range : 5~15 min
- Increments : 1
- COS1 : Hot
- COS2 : Warm
- COS3 : Cold
- COS4 : Delicates
- COS5, COS6 : Heater model only

13. **nr PC** Number of Rinses per Cycle Setup

Number of Rinses per Cycle Setup can be used to set number of rinses for one cycle.

Number of Rinses per Cycle Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		F9P2
Press 2nd button or 3rd button	Until display shows	nr PC
Press start button		COS1
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ► nr PC ► COS1 ► COS2 COS3 COS4 COS5 COS6	
Press Start to set the number of cycles	The next course setting will be displayed.	COS2

NOTE

- Range : 1~5
- Increments : 1
- COS1 : Hot
- COS2 : Warm
- COS3 : Cold
- COS4 : Delicates
- COS5, COS6 : Heater model only

14. **Rinse Time Setup**

Rinse Time Setup can be used to set the duration of one rinse.

Rinse Time Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		F9P2
Press 2nd button or 3rd button	Until display shows	88FE
Press start button		0051
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ 88FE ▶ 0051 ▶ 8818 0052 0053 0054 0055 0056	
Press Start to set time	The next course setting will be displayed.	0052

NOTE

- Multiple **00FE** and **88FE** to calculate total rinse process time
- Range : 8~16 min
- Increments : 1
- COS1 : Hot
- COS2 : Warm
- COS3 : Cold
- COS4 : Delicates
- COS5, COS6 : Heater model only

15. ~~E55d~~ Top Spin Speed Setup

Top Spin Speed Setup can be used to set the maximum RPM for the spin process.

Top Spin Speed Setup		Display
Enter SVC mode		
Press 1st button		
Press 2nd button		
Press start button		
Press 2nd button or 3rd button	Until display shows	
Press start button		
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value		
Press Start to set the number	The next course setting will be displayed.	

NOTE

- Range : 0~6
- Increments : 1
- COS1 : Hot
- COS2 : Warm
- COS3 : Cold
- COS4 : Delicates
- COS5, COS6 : Heater model only

- 0 : 1000 RPM
- 1 : 1000 RPM
- 2 : 900 RPM
- 3 : 800 RPM
- 4 : 700 RPM
- 5 : 600 RPM
- 6 : 500 RPM

16. **WULE** Water Level Setup

Water Level Setup can be used to set the water supply level.

Water Level Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		F9P2
Press 2nd button or 3rd button	Until display shows	WULE
Press start button		COS1
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ► WULE ► COS1 ► COS2 COS3 COS4 COS5 COS6 HIGH 3788 77LO	
Press Start to set the level	The next course setting will be displayed.	COS2

NOTE

- COS1 : Hot
 - COS2 : Warm
 - COS3 : Cold
 - COS4 : Delicates
 - COS5, COS6 : Heater model only
- Water level frequency
 - High : 23,0 KHz
 - Middle : 23,5 KHz
 - Low : 23,8 KHz

17.**rSEn** Rinse Spin Setup

Rinse Spin Setup can be used to enable/disable spin during rinse cycle.

Rinse Spin Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		r9Pr
Press 2nd button or 3rd button	Until display shows	rSEn
Press start button		r51
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ rSEn ▶ r51 r52 r53 r54 r55 ▶ EnRb disb	
Press Start to enable or disable	The next course setting will be displayed.	r52

NOTE

- r51** : 1st rinse spin skip
 - r52** : 2nd rinse spin skip
 - r53** : 3rd rinse spin skip
 - r54** : 4th rinse spin skip
 - r55** : 5th, 6th rinse spin skip
- 6th rinse spin refers to Add super wash rinse.

18. **dhUE** Drop Count Setup

Drop Count Setup can be used to set the number of drop counts. Drops occur while the machine checks for balancing of the load as the cycle enters higher RPM.

Drop Count Setup		Display
Enter SVC mode		U900
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		79P2
Press 2nd button or 3rd button	Until display shows	dhUE
Press start button		0150
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ dhUE ▶ 0150	
Press Start to set the number	The next menu setting will be displayed.	75UE

NOTE

- **Drop counts 25~145:** After dropping the selected amount of counts, UE will not occur. The cycle will end immediately or after spinning at a low RPM.
- **Drop counts 150:** After dropping the selected amount of counts, UE will occur. The cycle will end after shut down time. Refer to **How to set shut down time after UE**.

19.***RSUE*** Rinse Spin Drop Count Setup

Rinse Spin Drop Count Setup can be used to set the drop count for each rinse spin. Drops occur while the machine checks for balancing of the load as the cycle enters higher RPM.

Rinse Spin Drop Count Setup		Display
Enter SVC mode		<i>U900</i>
Press 1st button		<i>EESE</i>
Press 2nd button		<i>SEUP</i>
Press start button		<i>29P2</i>
Press 2nd button or 3rd button	Until display shows	<i>RSUE</i>
Press start button		<i>00:10</i>
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	<i>SEUP</i> ▶ <i>RSUE</i> ▶ <i>00:10</i>	
Press Start to set the number	The next menu setting will be displayed.	<i>UE5d</i>

NOTE

- Range : 5~15
- Increments : 1
- If unable to reach target RPM within set number of drops, cycle will continue to next step.

20.**UE Sd** UE Shutdown Setup

UE Shutdown Setup can be used to set the time to display UE until the cycle ends.

UE Shutdown Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		F9P2
Press 2nd button or 3rd button	Until display shows	UE Sd
Press start button		00:03
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ UE Sd ▶ 00:03	
Press Start to set the time	The next menu setting will be displayed.	PUCE

NOTE

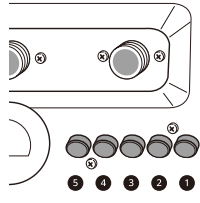
- Range : 0~10 min
- 0 : UE will remain until user opens door, redistributes clothes, and starts up spin process again.
- 1~10 : Cycle will end after set time.

21.**AUTO** Auto Dosing Pump Time Setup

Auto Dosing Pump Time Setup can be used to set the pump activation duration for each channel per course.

Auto Dosing Pump Time Setup		Display
Enter SVC mode		L900
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P
Press 2nd button or 3rd button	Until display shows	AUTO
Press start button		CO51
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP▶AUTO▶CO51▶CH1▶0010 CO52▶CH2 CO53▶CH3 CO54▶CH4 CO55▶CH5 CO56	
Press Start to set the time	The next channel setting will be displayed.	CH2

CH	Detergent	Range (s)	Input period
①	ETC (Emulsifier)	0~20	Main wash phase
②	Main wash	0~20	Main wash phase
③	Bleach	0~10	Main wash (Remaining washing time : 5 Minutes)
④	Softener	0~20	Final rinse phase
⑤	Pre-wash	0~20	Pre-wash phase



22. Coin 1 Value Setup

Coin 1 Value Setup can be used to set the value of each coin signal received.

Coin1 Value Setup		Display
Enter SVC mode		
Press 1st button		
Press 2nd button		
Press start button		
Press 2nd button or 3rd button	Until display shows	
Press start button		
Select the price you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	 ►  ► 	
Press Start to set the price	The next menu setting will be displayed.	

NOTE

- Range : 0,1~10,00
- Increment : 0,1

23. **PIP₀** Penny Increment Pricing Offset Setup

Penny Increment Pricing Offset Setup can be used to set additional cent increase when card is used.

Penny Increment Pricing Offset Setup		Display
Enter SVC mode		L900
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P₀
Press 2nd button or 3rd button	Until display shows	PIP₀
Press start button		00:00
Select the price you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value		
Press Start to set the price	The next menu setting will be displayed.	6EEP

NOTE

- Range : 0~4
- **PIP₀** Penny increment pricing offset is available only in card type. It hasn't affected the coin type's price setting.

24.**beep** Beep Volume Setup

Beep Volume Setup can be used to set the sound level of the machine.

Beep Volume Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P2
Press 2nd button or 3rd button	Until display shows	beep
Press start button		HIGH
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ beep ▶ HIGH LOE OFF	
Press Start to set the sound level	The next menu setting will be displayed.	2EFF

25. **REFR** Standby Return Time Setup

Standby Return Time Setup can be used to set how long the input payment is held until the machine resets to standby mode.

Standby Return Time Setup		Display
Enter SVC mode		L900
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		REFR
Press 2nd button or 3rd button	Until display shows	REFR
Press start button		00:00
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ► REFR ► 00:00	
Press Start to set the time	The next menu setting will be displayed.	L4PE

NOTE

- 0 : Holds input payment permanently.
- 1~180 : Holds input payment for selected amount of time, then returns to standby mode.
- **REFR** : Standby return time setup is available only in coin type.

26.**E4PE** Type

Type can be used to set the machine’s various type settings.

Type		Display
Enter SVC mode		U901
Press 1st button		E4SE
Press 2nd button		SEUP
Press start button		E9PE
Press 2nd button or 3rd button	Until display shows	E4PE
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ E4PE ▶ Pdtd Loc1 UEnd Edrd Endr HEAL	

NOTE

Pdtd : Product type

Loc1 : Currency type

UEnd : Vend type

Edrd : Card reader type

Endr : Coin meter type

HEAL : Heater type

26-1. **Pdtd** Product Type Setup

Product Type Setup can be used to set the machine's payment type (Pay or Free)

Product Type Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29Pr
Press 2nd button or 3rd button	Until display shows	TYPE
Press Start button		Pdtd
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ TYPE ▶ Pdtd ▶ FrEE PRg	
Press Start to set the type	Display returns to standby mode.	

NOTE

- PAY : Coin/Card
- FrEE : On Premise Laundry
- Issues may occur if certain large items are loaded after changing from Free type to Pay type.

26-2. Loc1 Currency Type Setup

Currency Type Setup can be used to set the country and its currency

Currency Type Setup		Display
Enter SVC mode		U900
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P2
Press 2nd button or 3rd button	Until display shows	E4PE
Press Start button		Pdtd
Press 2nd button or 3rd button	Until display shows	Loc1
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ E4PE ▶ Loc1 ▶ 0000	
Press Start to set the type	Display returns to standby mode.	

NOTE

Country (Loc1)	Range	Increments
England (0)	0~10,00	0,10
Australia (1)	0~10,00	1,00
USA (2)	0~9,95	0,05
China (3)	0~199	1
Korea (4)	0~9500	100
Japan (5)	0~9500	100
Canada (6)	0~9,95	0,05
Philippines (7)	0~995	5

26-3. **UEnd** Vend Type Setup

Vend Type Setup can be used to set the payment type (Coin/Card/Mobile pay).

Vend Type Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29Pr
Press 2nd button or 3rd button	Until display shows	E4PE
Press Start button		PdEd
Press 2nd button or 3rd button	Until display shows	UEnd
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	<pre> SEUP ► E4PE ► UEnd ► CoIn Card APP </pre>	
Press Start to set the type	Display returns to standby mode.	

26-4. **Cdrd** Card Reader Type Setup

Card Reader Type can be used to set the card reader company.

Card Reader Type Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		F9P2
Press 2nd button or 3rd button	Until display shows	E4PE
Press Start button		Pdtd
Press 2nd button or 3rd button	Until display shows	Cdrd
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ E4PE ▶ Cdrd ▶ 0000	
Press Start to set the type	Display returns to standby mode.	

NOTE

- 0 : Greenwald
- 1 : ESD

26-5. **Endr** Coin Drop Type Setup

Coin Drop Type can be used to set the coin pulse signal setting for coin drops.

Coin Drop Type Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29Pr
Press 2nd button or 3rd button	Until display shows	E4PE
Press Start button		PdEd
Press 2nd button or 3rd button	Until display shows	Endr
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ E4PE ▶ Endr ▶ 0010	
Press Start to set the type	Display returns to standby mode.	

NOTE

- Coin pulse
- 0 : 50ms : ESD, Greenwald, Munzprufer
- 1 : 100ms : Korea

26-6. **HEAL** Heater type setup

Heater type setup can be used to set machine's tool(heater/non heater).

Heater Type Setup		Display
Enter SVC mode		U901
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		PdEd
Press 2nd button or 3rd button	Until display shows	E4PE
Press Start button		PdEd
Press 2nd button or 3rd button	Until display shows	HEAL
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value		
Press Start to set the type	Display returns to standby mode.	

NOTE

- On : Heater
- OFF : Non heater

27. Max Surpassed Cycle Time Setup

Cut off time is how long the machine can run after the display time has been reached. This feature allows the adjustment of the cut off time between 1 and 15 minutes.

Max Surpassed Cycle Time Setup		Display
Enter SVC mode		U900
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P2
Press 2nd button or 3rd button	Until display shows	dPTE
Press Start button		00:10
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ► dPTE ► 00:10	
Press Start to set the time.	The next menu setting will be displayed.	00:50

NOTE

- Range : 5~15 min
- Increments : 1
- The washer will try and complete the entire cycle in the allotted display time. However, in the case of an off balance load or too much soap, the washer will use the extra cut off time to balance or remove excess soap before ending the cycle.

28.**CUSE** Custom Program Setup

Custom Program can be used to create up to 20 different customized courses.

Custom Program Setup		Display
Enter SVC mode		0900
Press 1st button		EESE
Press 2nd button		SEUP
Press start button		29P2
Press 2nd button or 3rd button	Until display shows	CUSE
Press Start button		Ed1E
Select the setting you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	SEUP ▶ CUSE ▶ Ed1E ▶ no11 ▶ COrS EdtE ⋮ CCCC no20 nrPC rRtE tSSd UULE Prac rSEn AUCE	
Press Start to set		

NOTE

- CUSE** : only available in FrEE type.
- EdtE** : Total number of custom courses (1~20)
- COrS** : Select base course
- CCCC** : Wash Time
- nrPC** : Number of Rinse per Cycle
- rRtE** : Rinse Time
- tSSd** : Top Spin Speed
- UULE** : Water Level
- Prac** : Rinse Spin Only, Spin Only
- rSEn** : Rinse Spin
- AUCE** : Auto Dosing Pump Time

Programing Mode – Test Mode

Diagnostic tests: **EESE** (display)

This program has been added for testing the washer and detecting errors.

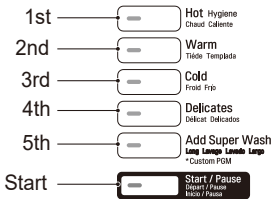
How to enter Programming mode:

- **Coin type** – Turn on/off the toggle switch.
- **Card type** – Insert the service card.
- **All types** –

- 1 Press the 1st & 3rd button at the same time. **0---**
- 2 Press the 2nd & 3rd buttons to toggle numbers. Then, press the 4th button to move to the next digit. **-0--**
- 3 Press the Start button to finish password input. **L9C1**

* Default Password : 3000

<Control Panel Button>



1. **EESE** Test

Test features can be used to check and change various machine settings.

Test mode		Display
Enter SVC mode		L9C1
Select the feature you want Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	EESE ▶ L9C1 L9C2 L1FE EEPE E13E EOU2 H1LL PR55 E2LL	

NOTE

- L9C1** : Diagnostic Test 1
- L9C2** : Factory Use (Do not Use)
- L1FE** : Factory Use (Do not Use)
- EEPE** : Factory Reset
- E13E** : Time Setting
- EOU2** : Courtesy Cycle
- H1LL** : Cycle Kill
- PR55** : Password Setup
- E2LL** : Tub Clean Course

2. **L9C1** Diagnostic Test

Diagnostic Test can be used to check functionality of various machine parts.

Press Start to move through the check points.

Number of times the Start button is pressed	Check point	Display
0	Enter SVC mode	L9C1
1	Turns on all lamps and locks the door	Displays 8888 , 1U:XX, 1t:XX, 10:XX, 1C:XX alternately (Version)
2	Tumble clockwise	rpm (40~50)
3	Low speed spin	rpm (600)
4	High speed spin	rpm (1000)
5	Inlet valve for main water turns on	Water level frequency (255~)
6	Inlet valve for hot water turns on	Water level frequency (255~)
7	Inlet valve for atomizing turns on (Single model) Inlet valve for softener turns on (Stack model)	Water level frequency (255~)
8	Inlet valve for bleach turns on (Single model) Inlet valve for atomizing/bleach turns on (Stack model)	Water level frequency (255~)
9	Tumble counter clockwise	rpm (40~50)
10	Heater turns on	Displays water temperature
11	Circulation pump turns on	Water level frequency (255~)
12	Drain pump turns on	Water level frequency (255~)
13	All lamps turn on	Displays 8888 , 1U:XX, 1t:XX, 10:XX, 1C:XX alternately (Version)
14	Button check	
15	High speed spin	rpm (1000)
16	U9C2 PDA signal check	U9C2 this function is not applied in this machine
17		L9C1

NOTE

- Make sure the drum is empty when diagnostic test is being performed. Do not use **L9C2**.
- RPM notation is displayed except for the last number when it is more than a hundred.
(i.e. 1000 rpm is displayed as 100)

3.**EEPE** Factory Reset

Factory Reset is used to reset the machine to default settings.

Factory Reset		Display
Enter SVC mode		L901
Press 2nd button or 3rd button	Until display shows	EEPE
Press Start button		88:00
Press 2nd button	Until display shows	8823
Press Start button		L901

NOTE

- All settings return to default.
- Wash time : 8 minutes
- Rinse cycle : Twice
- Top spin speed : 800 rpm
- Add Super Wash : 3 minutes extra wash and one extra rinse
- Price setting varies by country
- After Factory Reset, set your country from **L001** mode.

4. Time Setup

Time Setup can be used to set the current year, month, day, hour, and minute.

Time Setup		Display
Enter SVC mode		
Press 2nd button or 3rd button	Until display shows	
Press Start button	Display shows you 2000(Year) → 0101(Month/Date) → Sat(Day) → 0000(Time(24hr))	
Press Start button		
Press 2nd button or 3rd button	Until display shows the year you want (i.e. 2020)	
Press Start button		
Press 2nd button or 3rd button	Until display shows the month you want in the left two digits (i.e. June = 0601)	
Press Start button		
Press 2nd button or 3rd button	Until display shows the day you want in the right two digits (i.e. June 11th = 0611)	
Press Start button		
Press 2nd button or 3rd button	Until display shows the hour you want (i.e. 2:00 PM = 1400)	
Press Start button		
Press 2nd button or 3rd button	Until displays shows the minute you want (i.e. 2:15 PM = 1415)	
Press Start button	Display shows you 2000(Year) → 0101(Month/Date) → Sat(Day) → 0000(Time(24hr))	
Press 1st button	Until display returns to standby mode	

NOTE

- Time is displayed in military time format.
- Time Setup must be set to use Special Day Price feature.
- When the machine is powered off, Time Setup is reset to default.

5. **Courtesy Cycle**

Courtesy Cycle is a free cycle given to customers for Pay Type machines.

Courtesy Cycle		Display
Enter SVC mode		
Press 2nd button or 3rd button	Until display shows	
Press Start button		
Press 2nd button	Until display shows	
Press Start button	Machine is ready to use. User can choose desired course and press Start.	

6. Kill Cycle

Kill Cycle is used to end the currently operating cycle.

Cycle Kill		Display
Enter SVC mode		
Press 2nd button or 3rd button	Until display shows	
Press Start button		
Press 2nd button	Until display shows	
Press Start button	Machine is ready to use. User can choose desired course and press Start.	

NOTE

- Only works for machine that is currently operating.
- Cycle can be ended with Cycle Kill Card for Card Type machines.
- Easy entry : Press and hold the start button for at least 3 seconds.

7. **PASS** Password Setup

Password Setup can be used to change the password to enter Service mode.

Password Setup		Display
Enter SVC mode		
Press 2nd button or 3rd button	Until display shows	
Press Start button		
Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	Input current password Default Password : 3000 1 Press the 2nd & 3rd buttons to toggle numbers. 2 Press the 4th button to move to the next digit.	
Press Start button		
Button functions: Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	Input new password (i.e. 1234) 1 Press the 2nd & 3rd buttons to toggle numbers. 2 Press the 4th button to move to the next digit.	
Press Start button	New password is set	

8. **EE** Tub Clean Course

Tub Clean Course is used to clean the drum.

Tub Clean Course		Display
Enter SVC mode		U901
Press 2nd button or 3rd button	Until display shows	EE
Press Start button	Display shows remaining time and starts the Tub Clean Course.	

NOTE

- Machine goes back to standby mode after Tub Clean Course is completed.
- Easy Entry : Press and hold the 1st button and 2nd button for at least 3 seconds.
- Display shows the default number of Tub Clean cycles to run. (Range : 1~3)
- Never load laundry when using Tub Clean Course. Laundry may be damaged or become contaminated.
- Tub Clean Course should be used every 50 cycles.
- Related functions **EE** **oP** : Tub Clean Load Detection Setup
EE **HE** : Tub Clean Heater Setup
EE **bE** : Tub Clean Shortcut Button Setup

Programing Mode – Collect Mode

Collect information data : **0000** (display)

The washer collects the usage data so that the owner can check various information like number of various cycles used, how many times card or coins used, etc.

Collect Mode

Collect Mode		Display
Enter SVC mode		0000
Press 1st button		EESE
Press 2nd button or 3rd button	Until display shows	0000
Press Start button		29Pr
Select the feature you want Start button = Select 1st button = Go back a step 2nd button = Move up or increase value 3rd button = Move down or decrease value	Refer to the follow Collect Mode Data List	

Collect Mode Data lists

No.	Abbreviation	Meaning	Description
1	rgPr	Regular Price (Default Price)	
2	rgP1	Regular COS1 Price	
3	rgP2	Regular COS2 Price	
4	rgP3	Regular COS3 Price	
5	rgP4	Regular COS4 Price	
6	rgP5	Regular COS5 Price (for Heater)	
7	rgP6	Regular COS6 Price (for Heater)	
8	ltrC	Interval Regular Total Cycle Count	(0~65535)
9	ltr1	Interval Regular COS1 Cycle Count	(0~65535)
10	ltr2	Interval Regular COS2 Cycle Count	(0~65535)
11	ltr3	Interval Regular COS3 Cycle Count	(0~65535)
12	ltr4	Interval Regular COS4 Cycle Count	(0~65535)
13	ltr5	Interval Regular COS5 Cycle Count (for Heater)	(0~65535)
14	ltr6	Interval Regular COS6 Cycle Count (for Heater)	(0~65535)
15	ACrC	Accumulated Regular Total Cycle Count	(0~65535)
16	ACr1	Accumulated Regular COS1 Cycle Count	(0~65535)
17	ACr2	Accumulated Regular COS2 Cycle Count	(0~65535)
18	ACr3	Accumulated Regular COS3 Cycle Count	(0~65535)
19	ACr4	Accumulated Regular COS4 Cycle Count	(0~65535)
20	ACr5	Accumulated Regular COS5 Cycle Count (for Heater)	(0~65535)
21	ACr6	Accumulated Regular COS6 Cycle Count (for Heater)	(0~65535)
22	SCPr	'Add Super Wash' Price	
23	ItSC	Interval 'Add Super Wash' Usage Count	(0~65535)
24	ACSC	Accumulated 'Add Super Wash' Usage Count	(0~65535)
25	AUPr	'Auto Dosing' Price	
26	ItAU	Interval 'Auto Dosing' Usage Count	(0~65535)
27	ACAU	Accumulated 'Auto Dosing' Usage Count	(0~65535)
28	ItSU	Interval 'Courtesy Cycle' Usage Count	(0~65535)
29	ACSU	Accumulated 'Courtesy Cycle' Usage Count	(0~65535)
30	ItFC	Interval 'Token' Cycle Count	(0~65535)
31	ACFC	Accumulated 'Token' Cycle Count	(0~65535)
32	ACrt	Accumulated Run Time (minutes)	(0~65535)
33	Itnr	Interval No Runs	(0~255)
34	Ittb	Interval Trouble Cycle Count	(0~255)
35	ItPd	Interval Power Downs	(0~255)
36	Itdd	Interval Unauthorized Service Door Openings	(0~255)
37	ItUC	Interval Unauthorized Coin Vault Openings	(0~255)
38	Ittl	Interval Total Income	(0~65535)
39	ACtl	Accumulated Total Income	(0~65535)
40	IttC	Interval Total Cycle Count	(0~65535)
41	ACtC	Accumulated Total Cycle Count	(0~65535)
42	Itld	Interval Money	(0~65535)
43	Acd	Accumulated Money	(0~65535)

44	ItSd	Interval 'Add Super Wash' Money	(0~65535)
45	ACSd	Accumulated 'Add Super Wash' Money	(0~65535)
46	ItA3	Interval 'Auto Dosing' Money	(0~65535)
47	ACA3	Accumulated 'Auto Dosing' Money	(0~65535)
48	ACdP	Accumulated 'WaveForce' Operations	(0~65535)
49	ACtL	Accumulated 'Tub Clean Course' Cycle Count	(0~65535)
50	ACPC	Accumulated 'Pre Clean' Cycle Count	(0~65535)

NOTE

- 'Auto Dosing' only counts paid Auto Dosing Cycles.
- Interval Cycles are reset to 0 after data is collected with Collect Card.
- Accumulated Cycles do not count Service or Trouble Cycles.
- Price settings vary by country.

SMART FUNCTIONS

Open Source Software Notice Information

To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product, please visit <http://opensource.lge.com>. In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.

LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com. This offer is valid for a period of three years after our last shipment of this product. This offer is valid to anyone in receipt of this information.

Declaration of Conformity

EN



Hereby, LG Electronics declares that the radio equipment type Washing machine is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, The Netherlands

Декларация за съответствие

BG



С настоящото LG Electronics декларира, че пералната машина от тип с радио оборудване е в съответствие с Директива 2014/53/EU. Пълният текст на декларацията на EU за съответствие е наличен на следния интернет адрес: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, Нидерландия

Prohlášení o shodě

CS



Společnost LG Electronics tímto prohlašuje, že je rádiové vybavení typu pračka ve shodě se směnicí 2014/53/EU. Plný text prohlášení o shodě EU je k dispozici na následující internetové adrese: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B. V.
Krijgsman 1, 1186 DM Amstelveen, Nizozemsko

Overensstemmelseserklæring

DA



LG Electronics erklærer herved, at vaskemaskinen med integreret trådløst netværk er i overensstemmelse med direktivet 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende webadresse: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, The Netherlands

Konformitätserklärung

DE



Hiermit erklärt LG Electronics, dass die Funk-Waschmaschine die Richtlinie 2014/53/EU erfüllt. Den vollständigen Text der EU-Konformitätserklärung finden Sie unter der folgenden Internetadresse: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, Niederlande

Δήλωση συμμόρφωσης

EL



Με την παρούσα η LG Electronics δηλώνει ότι το πλυντήριο τύπου ραδιοεξοπλισμού συμμορφώνεται με την Οδηγία 2014/53/EU. Το πλήρες κείμενο της δήλωσης συμμόρφωσης EU διατίθεται στην ακόλουθη ηλεκτρονική διεύθυνση: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, Ολλανδία

Declaración de conformidad

ES



Por la presente, LG Electronics declara que el tipo de equipo de radio lavadora cumple la Directiva 2014/53/EU. El texto completo de la declaración de conformidad está disponible en la siguiente dirección de Internet: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, The Netherlands

Vastavusdeklaratsioon

ET



Käesolevaga teatab LG Electronics, et raadioseadme tüüpi pesumasin on vastavuses direktiiviga 2014/53/EU. Kogu EU vastavusdeklaratsiooni tekst on saadaval järgmisel internetiaadressil: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, The Netherlands

Vaatimustenmukaisuusvakuutus

FI



LG Electronics julistaa täten, että radiolaitetyyppinen Pesukone mukautuu Direktiivin 2014/53/EU. EU:n vaatimustenmukaisuusvaatimuksen koko teksti löytyy seuraavassa osoitteesta: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, Alankomaat

Déclaration de conformité

FR



Par la présente, LG Electronics déclare que le type d'équipement radio Machine à laver est conforme à la directive 2014/53/EU. Le texte intégral de la déclaration de conformité EU est disponible à l'adresse internet suivante: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, Pays-Bas

Dearbhú Comhréireachta

GA



Dearbhaíonn LG Electronics leis seo go bhfuil an trealamh raidió Mheaisín níos chách in gcomhréir leis an Treoir 2014/53/EU. Tá téacs iomlán an Dhearbhaithe Comhréireachta EU ar fáil ar an seoladh idirlíne a leanas: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, An Ísiltír

Izjava o skladnosti

HR



Ovime LG Electronics izjavljuje da je radio oprema u vidu perilice rublja u skladu s Direktivom 2014/53/EU. Cijeli tekst EU deklaracije o skladnosti dostupan je na sljedećoj internetskoj adresi: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, Nizozemska

Megfelelőségi tanúsítvány

HU



Ezennel az LG Electronics kijelenti, hogy a mosógép rádióberendezése megfelel az 2014/53 /EU irányelv előírásainak. Az EU megfeleléségi nyilatkozat teljes szövege elérhető a következő internetes címen: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, Hollandia

Dichiarazione di conformità

IT



Con la presente, LG Electronics dichiara che la Lavatrice del tipo con apparato radio è conforme alla direttiva 2014/53/EU. E' possibile leggere l'intero testo della dichiarazione di conformità al regolamento EU al seguente indirizzo internet: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, The Netherlands

Atitikties deklaracija

LT



Šiuo dokumentu „LG Electronics“ pareiškia, kad radijo įrangos tipo skalbyklė atitinka 2014/53/EU direktyvos reikalavimus. Visas EU atitikties deklaracijos tekstas pateiktas šiuo interneto adresu: <http://www.lg.com/global/support/cedoc/cedoc#>

„LG Electronics“ bendras Europos techninės priežiūros centras B.V.
Krijgsman 1, 1186 DM Amstelveen, Nyderlandai

Atbilstības deklarācija

LV



Ar šo, LG Electronics apliecina, ka radio aprīkojums Veļas mašīna atbilst ar Direktīvu 2014/53/EU. Pilns EU atbilstības deklarācijas teksts ir atrodams sekojošajā interneta adresē: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, Nīderlande

Декларација за усогласеноста

MK



Со ова, LG Electronics изјавува дека типот на радио опремата на Машината за перење, е во согласност со Директивата 2014/53/EU. Целосниот текст на EU декларацијата за усогласеност, е достапен на следната интернет адреса: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, The Netherlands

Dikjarazzjoni ta' Konformità

MT



Hawnhekk, LG Electronics tiddikjara li t-tip tat-tagħmir tar-radju tal-Magna tal-hasil huwa f'konformità mad-Direttiva 2014/53/EU. It-test shiħ ta' dikjarazzjoni ta' konformità tal huwa disponibbli fl-indirizz tal-internet segwenti: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, L-Olanda

Conformiteitsverklaring

NL



Hierbij verklaart LG Electronics dat de radioapparatuur van het type wasmachine in overeenstemming is met de richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring is beschikbaar op het volgende internetadres: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, Nederland

Samsvarserklæring

NO



Herved erkærer LG Electronics at radioutstyr av typen vaskemaskin er i samsvar med direktiv 2014/53/EU. Den fullstendige teksten til EU-samsvarserklæringen er tilgjengelig på følgende Internettadresse: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, The Netherlands

Deklaracja zgodności

PL



Niniejszym firma LG Electronics deklaruje, że pralka z modulem radiowym spełnia wymagania Dyrektywy 2014/53/EU. Pełna treść deklaracji zgodności EU jest dostępna pod następującym adresem internetowym: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, The Netherlands

Declaração de conformidade

PT



Pelo presente, a LG Electronics declara que a máquina de lavar roupa tipo equipamento rádio está em conformidade com a Diretiva 2014/53/EU. O texto completo da declaração de conformidade da EU está disponível no seguinte endereço da internet: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, Países Baixos

Declarație de conformitate

RO



Prin prezenta, LG Electronics declară că Mașina de spălat de tip echipament radio este în conformitate cu Directiva 2014/53/EU. Textul complet al declarației de conformitate a EU este disponibilă la următoarea adresă de internet: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, Olanda

Prehlásenie o zhode

SK



Týmto LG Electronics prehlasuje, že rádiové zariadenie typu Práčka je v súlade so smernicou 2014/53 / EU. Úplné znenie prehlásenia o zhode pre EU je k dispozícii na tejto internetovej adrese: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, The Netherlands

Izjava o skladnosti

SL



S tem LG Electronics izjavlja, da je vrsta radijske opreme za pralni stroj v skladu z Direktivo 2014/53/EU. Celotno besedilo EU deklaracije o ustreznosti je na voljo na naslednjem internetnem naslovu: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, Nizozemska

Deklarata e pajtimit

SQ



Me anë të këtij dokumenti, LG Electronics deklarën se tipi i pajisjes radio Lavatриçe është në përputhje me Direktivën e EU 2014/53/. Teksti i plotë i deklaratës së konformitetit të EU gjendet në adresën e mëposhtme të internetit: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, The Netherlands

Izjava o usklađenosti

SR



Ovime LG Electronics izjavljuje da je radio oprema u vidu mašine za pranje veša u skladu s Direktivom 2014/53/EU. Celokupni tekst EU deklaracije o usklađenosti dostupan je na sledećoj internet adresi: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, Holandija

Försäkran om överensstämmelse

SV



Härmed, uppger LG Electronics att radioutrustningstypen Tvättmaskin efterlever EU-direktiv 2014/53/EU. Hela texten om EU-direktivet gällande konformitet finns tillgänglig på följande internet adress: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, Nederländerna

Uygunluk Beyanı

TR



LG Electronics radyo ekipmanı tipi amařır makinesinin 2014/53/EU numaralı yönetmelikle uyumlu olduğunu beyan eder. EU uygunluk beyanının tam metnine řu adresten ulaşılabilir: <http://www.lg.com/global/support/cedoc/cedoc#>

LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, Hollanda

Wireless LAN Module Specifications

Model	LCW-004	Model	LCW-007
Frequency Range	2412 - 2472 MHz	Frequency Range	2412 MHz - 2472 MHz
Output Power(Max)	IEEE 802.11b: 17.82 dBm IEEE 802.11g: 17.72 dBm IEEE 802.11n: 16.61 dBm	Output Power(Max)	IEEE 802.11b: 17.59 dBm IEEE 802.11g: 17.39 dBm IEEE 802.11n(HT20): 16.64 dBm IEEE 802.11n(HT40): 17.05 dBm

Wireless function S/W version : V 1.0 / Безжична функция S/W версия: V 1.0 / Verze softwaru bezdrátové funkce: V 1.0 / Softwareversion til trådløs funktion: V 1.0 / Drahtlosfunktion Software-Version: V 1.0 / Έκδοση λογισμικού ασύρματης λειτουργίας: V 1.0 / Versión de software de la función inalámbrica: V 1.0 / Juhtmevaba funktsiooni S/W version: V 1.0 / Langattoman toiminnon S/W versio: V 1.0 / Version S/W de la fonction sans fil: V 1.0 / Feidhm gan Sreang S/W leagan: V 1.0 / Verzija softvera bežične funkcije: V 1.0 / Vezeték nélküli funkció szoftver verzió: V 1.0 / Funzione Wireless S/W versione: V 1.0 / Belaidé funkcija S/W versija: V 1.0 / Bezvadu funkcijas programmas versija : V1.0 / Безжична функција S/W verzija: V 1.0 / Funzioni wireless verzioni S/W : V 1.0 / Draadloze functie S/W-versie: V 1.0 / Trådløs funksjon S/W versjon : V 1.0 / Oprogramowanie funkcji bezprzewodowej wer.: V 1.0 / Versão S/W da função sem fios: V 1.0 / Funcția wireless S/W versiunea : V 1.0 / Funkcia wireless S/W verzia: V 1.0 / Različica programske opreme za brezžično funkcijo: V1.0 / Funkzioni wireless (pa lidhje kabllore) S/W versioni : V 1.0 / Verzija softvera bežične funkcije: V 1.0 / Trådløs funtion S/W version : V 1.0 / Kablosuz fonksiyonu S/W sürümü: V 1.0

For consideration of the user, this device should be installed and operated with a minimum distance of 20 cm between the device and the body / С оглед безопасността на потребителя, това устройство трябва да бъде инсталирано и оперирано от минимално разстояние 20 cm между него и тялото. / S ohledem na uživatele by se toto zařízení mělo instalovat a provozovat tak, aby byla minimální vzdálenost mezi zařízením a tělem alespoň 20 cm. / Af hensyn til brugerens sikkerhed skal dette apparat installeres og betjenes med en minimumsafstand på 20 cm mellem apparatet og kroppen. / Zur Rücksichtnahme auf den Nutzer, sollte dieses Gerät mit einem Abstand von mindestens 20 cm zwischen dem Gerät und dem Körper installiert und betrieben werden. / Πληροφορικά για το χρήστη, αυτή η συσκευή θα πρέπει να εγκατασταθεί να λειτουργήσει με μια ελάχιστη απόσταση 20 cm μεταξύ της συσκευής και του σώματος. / El usuario ha de tener en cuenta que el dispositivo deberá ser instalado y funcionar con una distancia mínima de 20 cm entre el mismo y el cuerpo. / Kasutaja peaks arvestama, et see seade tuleks paigaldada ja sellega töötada nii, et hoitakse minimaalne seadme ja keha vaheline vahemaa 20 cm juures. / Käyttäjän huomioimiseksi, laite tulee asentaa ja sitä tulee käyttää 20 cm:n minimietäisyyden päässä vartalosta. / À l'égard de l'utilisateur, cet appareil doit être installé et utilisé à une distance minimale de 20 cm entre l'appareil et le corps. / Ar mhaithe leis an úsáid, ba chóir an gléas seo a shuiteáil agus a oibriú ar a laghad 20 cm ó do chorp. / Za razmatranje korisnika, ovaj uređaj treba postaviti i njime upravljati s udaljenosti od najmanje 20 cm od tijela. / A felhasználónak vigyázni kell, hogy ezt a készüléket úgy kell telepíteni és üzemeltetni egy legalább 20 cm távolságot biztosítsanak a készülék és a test között. / Si consiglia agli utenti di installare questo dispositivo ad una distanza minima di 20 cm tra il dispositivo e il corpo. / Vartotojas turi sumontuoti ir eksploatuoti šį įrenginį mažiausiai 20 cm. Nuo įrenginio ir kūpo. / Lietotāja izvērtēšanai, šī ierīce jāuzstāda un jādarbina, ievērojot minimālo distanci 20 cm starp ierīci un ķermeni. / Заради грижата за корисникот, овој уред треба да се инсталира и да работи на минимална далечина од 20 cm меѓу уредот и телото на корисникот. / Ghall-konsiderazzjoni tal-utent, dan it-tagħmir għandu jiġi installat u mħaddem b'distanza ta' mhux inqas minn 20 cm bejn l-apparat u l-persuna. / Het is in het belang van de gebruiker dat dit apparaat geïnstalleerd en gebruikt wordt met een minimale afstand van 20 cm tussen het apparaat en het lichaam. / For hensynet til brukeren, bør denne enheten bli installert og brukt med en avstand på minimum 20 cm mellom apparatet og kroppen. / Zaleca się montaż oraz obsługę urządzenia z odległości co najmniej 20 cm. / Para consideração do utilizador, este dispositivo deve ser instalado e operado com uma distância mínima de 20 cm entre o dispositivo e o corpo. / Utilizatorul trebuie să țină cont de faptul că acest dispozitiv trebuie instalat și utilizat cu o distanță minimă de 20 cm

între dispozitiv și corp. / Poznámka pre používateľa: toto zariadenie by sa malo montovať a využívať v minimálnej vzdialenosti 20 cm medzi zariadením a telom. / Ob upoštevaniu varnosti uporabnika je napravo treba namestiti in upravlјati tako, da je med napravo ter telesom najmanj 20 cm. / Për konsideratën e përdoruesit, kjo pajisje duhet të instalohet dhe operohet nga një distancë minimale prej 20 cm mes pajisjes dhe trupit. / Korisnik treba da ima na umu da ovaj uređaj treba postaviti i njime upravljati sa udaljenosti od najmanje 20 cm od tela. / Med hänsyn till användaren, bör denna apparat installeras och drivas med en distans på åtminstone 20 cm mellan apparaten och kroppen. / Cihazın, cihaz ile vücut arasında en az 20 cm mesafe olacak şekilde kurulması ve kullanılmasına kullanıcı tarafından dikkat edilmelidir.

Wireless LAN Module Specifications / Спецификации на безжичния LAN модул / Technické parametry modulu pro bezdrátovou síť LAN / Wireless LAN modul Specifikationer / Wireless-LAN-Modul Technische Daten: / Προδιαγραφές ασύρματης μονάδας LAN / Especificaciones del módulo LAN inalámbrico / Juhtmevaba LAN mooduli tehnilised näitajad / Langattoman LAN-moduulin tekniset tiedot / Caractéristiques du module LAN sans fil / Sonraiochta modúil LAN gan sreang / Specifikacije bežičnog LAN modula / Vezetéknélküli LAN modul specifikáció / Specifiche del modulo LAN wireless / Belaidžio LAN modulio specifikacijos / Bezvada LAN modula specifikācijas / Спецификации на безжичниот LAN модул / Specifikazzjonijiet tal-Wireless LAN Module. / Wireless LAN Module-specificaties / Spesifikasjoner for trådløs LAN-modul / Dane techniczne modułu sieci bezprzewodowej LAN / Especificações do módulo LAN sem fios / Specificații modul LAN Wireless / Špecifikácia bezdrôtového modulu LAN / Specifikacije brezžičnega LAN modula / Specifikimet e modullit LAN pa tel / Specifikacije modula za bežični LAN / Trådløs LAN Modul Specifikationer / Kablosuz LAN Modülü Teknik Özellikleri

Model / Модел / Model / Model / Modell / Μοντέλο / Modelo / Model / Malli / Modèle / Samhaltán / Model / Modell / Modello / Modelis / Modelis / Модел / Mudell / Model / Modell / Model / Modelo / Model / Model / Model / Modeli / Model / Modell / Model

Frequency Range / Обхват на честотата / Frekvenční rozsah / Frekvensområde / Frequency Range / Εύρος συχνότητας / Rango de frecuencia / Sagedusala / Taajuusalue / Bande de fréquence : / Raon Miniciochta / Frekvenjski raspon / Frekvenciatartomány / Gamma di frequenza / Dažnio intervalas / Frekvenču diapazons / Фреквентен опсег / Medda tal-Frekwenza / Frequentiebereik / Frekvensområde / Zakres częstotliwości / Gama de frequência / Interval frecvență / Rozsah frekvencie / Frekvenčni razpon / Shtrirja e frekuencës / Opseg frekvencije / Frekvensområde / Frekans Aralığı

Output Power(Max) / Мощность (макс.) / Výstupní výkon (max.) / Udgangseffekt (Maks) / Ausgangsleistung (Max) / Ισχύς εξόδου (Μεγ.) / Potencia de salida (máx.) / Väljundvõimsus(Max) / Lähtöteho (maks.) / Puissance de sortie (Max) / (Uas)Cumhacht Asraon / Izlazna snaga (Maks) / Kimenő teljesítmény (max) / Potenza di uscita (max.) / Išvesties galia (maks.) / Izejas jauda (maks.) / Излезна моќност (макс.) / Produzzjoni ta' Energija (Mass) / Output -vermogen (Max) / Utstrålingseffekt (maks) / Moc wyjściowa (maks.) / Potência (Máx) / Putere ieşire (max.) / Výstupný výkon (maximálny) / Izhodna moč (maks.) / Fuqia e nxjerrjes (maks) / Izlazna snaga (maks) / Uteffekt(Max) / Çıkış Gücü (Maks.)

MAINTENANCE

Care after wash

After the cycle is finished, wipe the door and the inside of the door seal to remove any moisture. Leave the door open to dry the washer tub interior. Wipe the body of the washing machine with a dry cloth to remove any moisture

WARNING

- **Unplug the washer before cleaning to avoid the risk of electric shock.** Failure to follow this warning can cause serious injury, fire, electrical shock, death.
- **Never use harsh chemicals, abrasive cleaners, or solvents to clean the washer.** They will damage the finish.
- **Do not use volatile substances (benzene, paint thinner, alcohol, acetone, etc.) or detergents with strong chemical components when cleaning the washing machine.** Doing so may cause discoloration or damage to the machine, or it may cause a fire.
- Certain internal parts are intentionally not grounded and may present a risk of electric shock only during servicing. Service personnel - Do not contact the following parts while the appliance is energized: pump, valve, motor, control board.

Storing the Washer

If the washer will not be used for an extended period of time and is in an area that could be exposed to freezing temperatures:

- 1 Turn off water supply tap.
- 2 Disconnect hoses from water supply and drain water from hoses.
- 3 Plug the power cord into a properly grounded electrical outlet.
- 4 Add 1 gallon of nontoxic recreational vehicle (RV) antifreeze to the empty wash drum. Close door.
- 5 Unplug the power cord, dry the drum interior with a soft cloth, and close the door.
- 6 Remove the inserts from the dispenser. Drain any water in compartments and dry the compartments.
- 7 Store the washer in an upright position.

- 8 To remove the antifreeze from the washer after storage, run washer through a complete cycle using detergent. **Do not add laundry!**

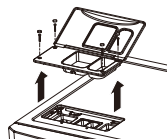
NOTE

- Not all of the RV antifreeze will be expelled.
- Weekly cleaning of the detergent dispenser will ensure problem free operation.

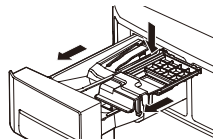
Cleaning the Dispenser

- 1 The dispenser should be cleaned periodically to remove buildup from detergent and other laundry products.

- Single model -

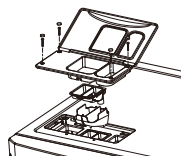


- Stack model -

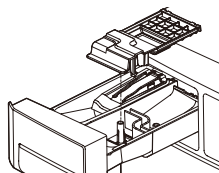


- 2 Remove the inserts from the drawer, and clean them with warm water and a soft cloth or brush to remove any residue or buildup. Wipe out the inside of the drawer opening with a damp cloth. Reassemble the drawer and reinstall in the drawer opening.

- Single model -



- Stack model -



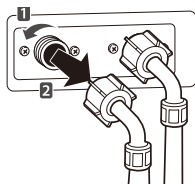
NOTE

- Do not use anything other than water to clean the drawer, inserts, and drawer opening.

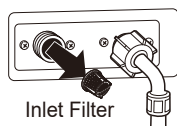
Cleaning the Water Inlet Filters

Clean the water inlet filters periodically to prevent clogging. Take extra care to clean the water inlet filters for areas using hard water. Water may not be supplied if there are foreign objects, such as rust, sand, or stones in the water inlet filters.

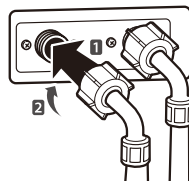
- 1 Pull out the plug to turn off the washing machine.
- 2 Turn off the faucets connected with the water inlets.
- 3 Remove the water inlet hoses.



- 4 Pull out the water inlet filter.



- 5 Remove foreign objects from the water filter inlet.
 - Soak the water filter inlets in white vinegar or a lime scale remover or use a toothbrush to remove foreign objects and rinse thoroughly.
- 6 Press the water filter inlets back into place.
- 7 Reattach the water lines to the washing machine.

**WARNING**

- **Unplug the power cord and turn off the faucets before cleaning.** Failure to do so may cause electric shock.
- **Do not use the washing machine without the inlet filters.** If you use the washing machine without the inlet filters it will cause leaks and malfunction.
- If you use the washing machine in an area with hard water, the inlet filter may clog due to lime buildup.

NOTE

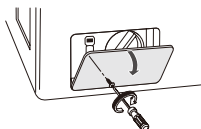
- I E message will blink on the display when the water pressure in the detergent drawer is weak or an inlet filter is clogged with dirt. Clean the inlet filter.

Cleaning the Drain Pump Filter

The washing machine fails to drain if the drain pump filter is clogged. Periodically clean the drain filter to prevent clogging with foreign objects.

- 1 Pull out the plug to turn off the washing machine.

- 2 Open the drain pump filter cover.



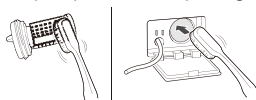
- 3 Unclip the drain hose and remove the plug from the drain hose to drain the remaining water.



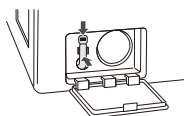
- 4 Twist the pump filter counterclockwise to remove.



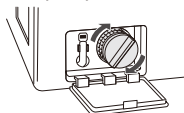
- 5 Clean the pump filter and opening.



- 6 Recap the plug onto the drain hose and reattach the drain hose.



- 7 Insert the drain pump filter.



- 8 Close the drain pump filter cover.

! WARNING

- **Make sure to pull out the plug before cleaning.** Failure to do so may cause electric shock.
- Opening the drain filter will result in water overflowing if there is water in the washer tub. **Make sure to check if the water is completely drained before opening the drain filter.**
- If you use the washing machine with the drain filter reassembled incorrectly after cleaning it, or if you use the machine without the filter, it may cause leaks or malfunction of the washing machine.

NOTE

- $\square E$ message will blink when the drain pump filter is clogged with dirt. Clean the drain pump filter.

Cleaning the Door Seal

Clean the door seal once a month to prevent build-up of dirt in the door seal.

- 1 Wear rubber gloves and protective goggles.
- 2 Dilute 3/4 cup (177 ml) of liquid chlorine bleach in 1 gallon (3,8 L) of water.
- 3 Soak a sponge or a soft cloth in this diluted solution and wipe down all around the door seal.
- 4 Wipe any moisture with a dry towel or cloth after cleaning.
- 5 Leave the door open to allow the door seal to dry completely.

! CAUTION

- Cleaning the door seal with an undiluted solution may cause malfunction of the door seal and washing machine parts.

Cleaning the Drum, Tub Clean

Using the washing machine in a humid space for a long period of time may lead to a buildup of black mold and germs in the air inside the washer tub and affect your health. If you clean the washer tub regularly on a monthly basis using TUB CLEAN it will keep the washer tub clean for hygienic use.

- 1 Add tub cleaner or lime scale remover into the detergent dispenser drawer.
 - Do not exceed the maximum detergent limit line when you add it. Detergent may remain in the washer tub after cleaning.
 - When you use liquid chlorine bleach, load it into the liquid chlorine bleach compartment. When you use a powdered cleaner, add it into the main wash detergent compartment.
 - When you use cleaning tablets, place them directly into the washer tub. (Do not add cleaning tablets to the drawer.)

- 2 Do operate tub clean.

NOTE

- Never load laundry while using TUB CLEAN. The laundry may damage or become contaminated. Make sure to clean the washer tub when it is empty.
- Leave the door open after finishing the laundry to keep the tub clean.
- TUB CLEAN should be repeated monthly.
- Safely and conveniently secure the door slightly ajar with a magnetic door plunger. This will promote air circulation and allow the interior of the machine to dry.

NOTE

- Wave Force process during the Rinse step helps in maintaining tub hygiene. The tub is cleaned by rotating the water-filled tub at an optimized RPM.
- Wave Force is intrinsic within the Rinse step. No additional setting is required.
- Wave Force is NOT a substitute for the TUB CLEAN cycle. TUB CLEAN should still be repeated monthly to maintain hygienic use.

Removing Mineral Buildup

In areas with hard water, mineral scale can form

on internal components of the washer. Periodically clean the mineral buildup on the internal components to extend the lifespan of the washer.

Use of a water softener is recommended in areas with hard water.

- Use a descaler, to remove visible mineral buildup on the washer tub.
- After descaling, always run the Tub Clean cycle before washing clothing
- Mineral scale and other spots may be removed from the stainless steel tub using a soft cloth soaked in stainless steel cleaner.
- Do not use steel wool or abrasive cleaners.

! NOTE

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ERROR MODE

Meaning of Error Codes that LED displays during occurrence of problem.

Problem	Possible Cause	Solution
	- Water supply is not adequate in area. - Water supply taps are not completely open. - Water inlet hose is bent. - The filter of the inlet hose clogged.	Check another tap in the house. Fully open tap. Straighten hose. Check the filter of the inlet hose.
	- Drain hose is bent or clogged. - The drain filter is clogged.	Clean and straighten the drain hose. Clean the drain filter.
	- Load is too small. - Load is out of balance. - The appliance has an imbalance detection and correction system. If individual heavy articles are loaded (bath mat, bath robe, etc.) and the imbalance is too great, after several attempts to restart the spin cycle the machine will stop and the error code will be displayed.	Add 1~2 similar items to help balance the load. Rearrange the load in the tub to allow it to balance properly.
	Is the door opened or not completely closed?	Close the door completely. * If it will not open, call for service.
	Door lock is broken.	Check the door switch.
	The water overfills due to a faulty water valve.	Close the water tap. Unplug the power plug.
	The water level sensor malfunction.	Call for service.
	Overload in motor.	Restart the cycle after 30 minutes. If  is not released, call for service.
	Disconnection of card reader cable.	Check the card reader wire.
	Too much detergent is used.	This is not an error. It indicates a suds removal routine. It will clear and restart the cycle when the suds are gone.
	Thermistor is opened or shorted.	Thermistor should be replaced.
	Out of balance sensor is defective.	Sensor should be replaced.
	Load is out of balance or the out of balance sensor is defective.	Rearrange the load in the tub to allow it to balance properly. If problem persists replace the sensor.
	Malfunction in Heater system.	Check the heater and wire.

POWER FAIL RECOVERY

In case of power failure, the machine stops running but the time display remains on, showing the time just before power failure.

DEFAULT WASHER SETTINGS

Default Settings	Default
Wash Time	8 Minutes
Rinse Time	17 Minutes
Spin Time	11 Minutes
Rinsing times	Twice
Coin #1 Value	0,1
Vend Price	2,00
Add super wash price	0,50
Top Spin speed	800 rpm

SPECIFICATIONS

Model	
Power supply	220-240 V~ , 50 Hz , 3000-3600 W
Size	737 mm (W) x 814 mm (D) x 1036 mm (H), 1370 mm (D with door open)
Weight	101,2 kg
Wash capacity	15 kg Max load(kg) based on IEC load
Sound pressure level	Less than 70 dB
Spin speed	1000 rpm max.
Permissible water pressure	1,0-10,0 kgf/cm² (100-1000 KPa)

NOTE

- Specifications subject to change by manufacturer.
- RPM depends on the selected cycle and load type.
- Price setting varies by country.
- Set your country from **Loc1**
- After EEPT, reset your country (Default country is EUK)

