



Washing Machine

OWNER'S MANUAL

WD-1243FHB

S/N : _____

Thank you for purchasing LG Fully Automatic Washer.
Please read your owner's manual carefully; it provides
instructions on safe installation, use, and maintenance.
Retain it for future reference.
Record the model and serial numbers of your washing machine.



Protection against wrinkles

With the alternate rotation of the drum, the wrinkling in the laundry is minimized.



Preferred temperature selection (Wash/ rinse)

There are 4 temperature selections between Cold and Hot



Low noise speed control system

By sensing the load and balance, evenly distributes the load to minimize the spinning noise level.



Child-Lock

The Child-Lock system has been developed to prevent children from pressing any button to change the program during operation.



Delay finish

Delayed Washing can be set easily from 3 hours to 19 hours.

Auto Restart

Although the washing machine is turned off by a power failure, it restarts automatically. If it is stopped again, the process is properly adjusted and it will be the same when the machine unplugged in operation and plugged in again.

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READ ALL INSTRUCTIONS BEFORE USE



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, personal injury, or loss of life.

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 lid 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.

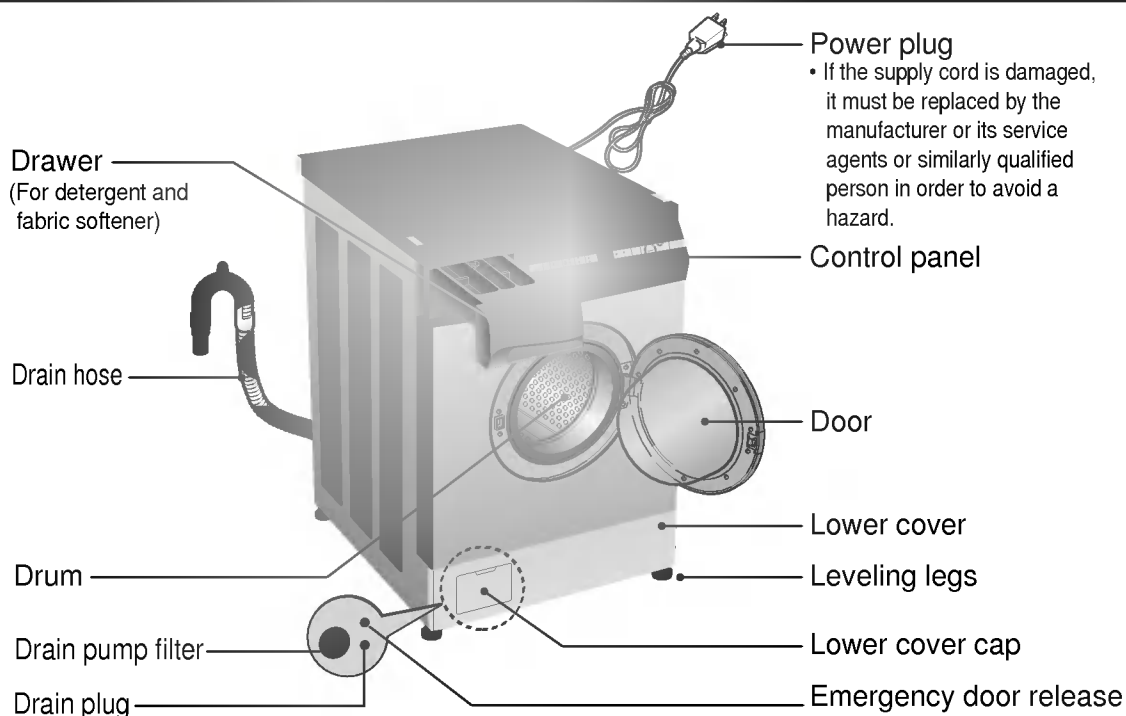
SAVE THESE INSTRUCTIONS

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 ordinance.

- Do not use an adapter or otherwise defeat the grounding plug.
- If you don't have the proper outlet, consult an electrician.

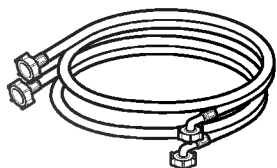
WARNING : Improper connection of the equipment-grounding conductor can result in risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the appliance is properly grounded. Do not modify the plug provided with the appliance - if it does not fit the outlet,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



■ Name	: Front loading washing machine
■ Power supply	: 120V~, 60Hz
■ Size	: 23-5/8(W) × 23-5/8(D) × 33-1/2(H) in. 600(W) × 600(D) × 850(H)mm
■ Weight	: 139 lbs.(63kg)
■ Wash capacity	: 2.08 cu.ft.(15-1/2 lbs.)
■ Spin speed	: 600/800/1000/1200 rpm
■ Wash consumption	: 17-3/4 gal. (1.15 gal./ lbs.)
■ Permissible water pressure	: 4.5~145 PSI (30-1000kPa)
■ The hot water must NOT be above 120°F	
■ Permissible cold water temperature : 39~77°F	

* The appearance and specifications may be varied without notice to raise the units quality

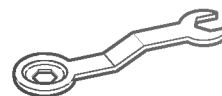
■ Accessories



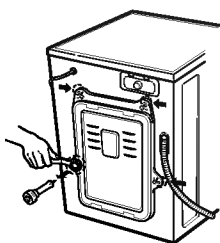
Inlet hose(2EA)



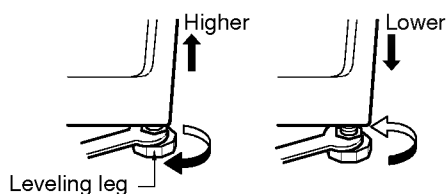
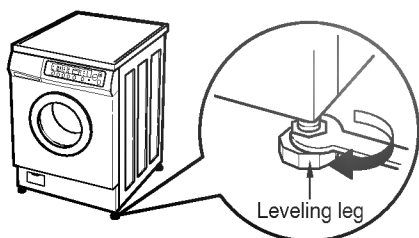
Tie strap



Wrench



- Keep the transit bolts and wrench for future use in case the machine is to be transported again.



- If the washer is not leveled, it may cause noise or vibration.

■ How to disassemble the transit bolts.

- To protect the washer during transportation, the special 4 bolts are locked. Before operating the washer, remove the bolts.
(If they are not removed, it may cause heavy vibration, noise and malfunction.)

1. Locate the 4 bolts that secure the back cover.
2. Unscrew the 4 bolts with a wrench provided.
3. Take out the 4 bolts.
4. Insert the 4 caps provided into the hole.

■ Level adjustment

1. Select a place for installation

- Place it at a firm and even floor
- Place it more than 1 inch away from the wall or other furniture

2. Check the gap

- Ensure all feet are firmly on the floor.

3. Level adjustment

- After adjusting the level, check it by shaking the washer. Readjust the level if necessary.

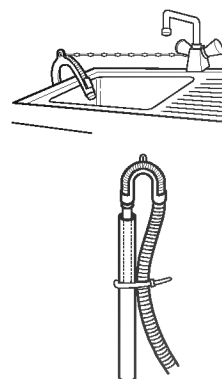
■ Electrical connection

- Do not use an extension cord or double adapter.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agents or a similarly qualified person in order to avoid a hazard.
- Always unplug the machine and turn off the water supply after use.
- Connect the machine to a grounded socket in accordance with current wiring regulations
- The appliance must be positioned so that the plug is accessible.

Installation

■ Water drain

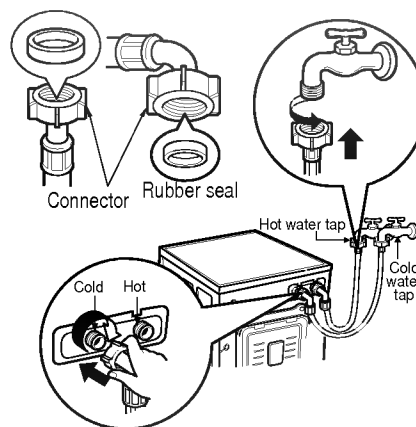
- Hook over the edge of a sink using the plastic hose hanger supplied with the machine.
- Make sure there are no kinks in the hose and that it is not crushed. Secure the hose so that it can not be dislodged while the appliance is running.
- The drain hose should not be placed higher than 40 inches above the floor.
- Put the other end of the drain hose over the standpipe or wash tub.
- To prevent accidental dislodging secure the drain hose to the standpipe, inlet hose or laundry tub with the tie strap provided in the parts package.



■ Connecting the inlet hose

- This washing machine has been designed so that hot and cold inlet hoses can be connected.
- To prevent leaks two rubber seals are supplied with the water inlet hose inside the valve connector.
- If there is only one tap, connect the hose to the cold water inlet.
- Make sure the correct water valve is connected to the corresponding tap. (no inlet : Hot inlet valve to hot water tap.)
- The connections should be attached tightly.
- When using only cold water, only cold inlet hose can be used.

1. Attach the red Marked inlet hose at the hot water tap and at the inlet valve with the red filter on the rear side of the machine.
2. Attach the other inlet hose at the cold water tap and at the inlet with the white filter on the rear side of the machine.



WARNING The water supply pressure must be between 4.5~145 PSI.

Preparing your laundry

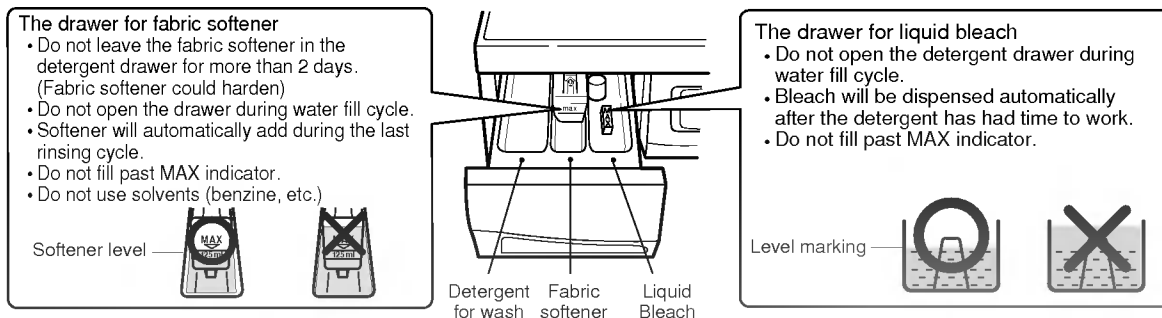


- Check pocket for loose articles (coin, paper, safety pin, paper clips, etc.)
- Close zippers and fasten button or hooks : loose belts or ribbons should be tied together.
- Never wash whites and colors together.
- Follow the wash code symbols on each garment label and manufacturer's washing instructions.

Soiled condition	Washing	Temperature(Wash/Rinse)
Heavily soiled	- Extra wash - Wash	Heavily soiled cottons : C/C~H/C Normally soiled cottons : C/C~H/C Coloured cottons : C/C~W/W
Normally Soiled	- Wash	Synthetics : C/C~W/C Delicate fabrics : C/C~W/C Woollens : C/C~W/C

■ Where to place the detergent

- Pull out the detergent drawer.
- Put the detergent, fabric softener and liquid bleach in the detergent drawer before washing.
- Close the detergent drawer completely.



■ Using the liquid chlorine bleach dispenser

The liquid chlorine bleach dispenser automatically dispenses bleach at the proper time in the cycle to ensure the cleanest and brightest loads.

Always measure liquid chlorine bleach. Use a measuring cup, do not guess. Do not pour directly from bottle. Never use more than 1/3cup (80mL) for a full load. Use less with smaller loads. Follow manufacturer's directions for safe use. A cup with a pouring spout will help you avoid spilling.

After loading the washer, pour measured liquid chlorine bleach carefully into the dispenser.

- Do not let bleach splash, drip, or run down into washer basket. Undiluted bleach will damage any fabric it touches.
- Start the washer. Bleach will be dispensed automatically after the detergent has had time to work.

NOTE : Do not use this dispenser to add powdered color-safe bleach to your wash load. The dispenser is for liquid chlorine bleach only. If desired, add powdered color-safe bleach to the detergent dispenser.

- Do not overfill. Look for the level markings on the dispenser cover. Dispenser holds 1/3cup (80 mL) of liquid chlorine bleach.



- The detergent should be used according to the instruction of the detergent manufacturer.
- If the detergent is used over the recommended amount too many suds will be generated thus causing an inferior washing result. Which will cause malfunction.
- Use detergent only for front-loading washing machine.

Detergent usage

Do not exceed manufacturer's recommended usage as shown on the detergent package.

The amounts depend on:

- degree and type of soiling
- amount of wash
 - full load : according to manufacturer's instructions
 - part load : 3/4 of the normal amount
 - minimum load (about 1kg) : 1/2 the amount used for full load
- Water hardness in your area.

Choosing the right detergent

The type of detergent depends on

- the type of fabric (cotton, synthetic, delicate items, wool)
- colour
- wash temperature
- degree and type of soiling

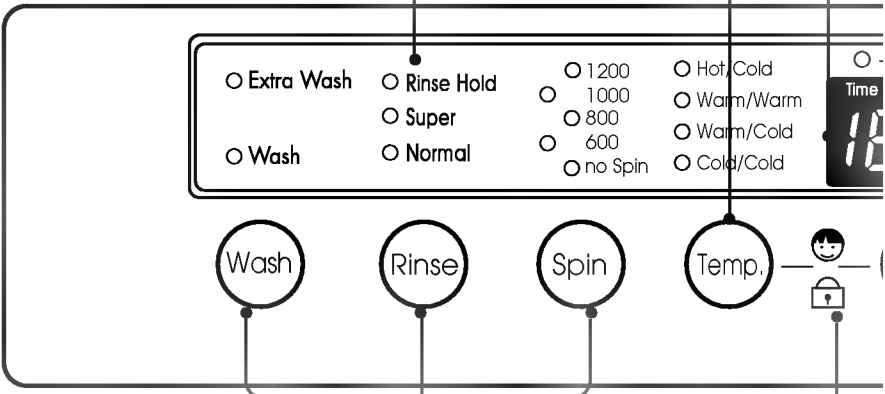
NOTE : use detergent appropriate for wool only.

Control panel

f Press the button to select wash/rinse temperature.
 f The Wash/Rinse temperature
 [Warm/Cold <L Warm/Warm <L Cold/Cold] can be selected
 in Normal, Perm press
 f Hot/Cold is selected for Heavy only.
 f By pressing the button during operating the washer,
 the present temperature is displayed.

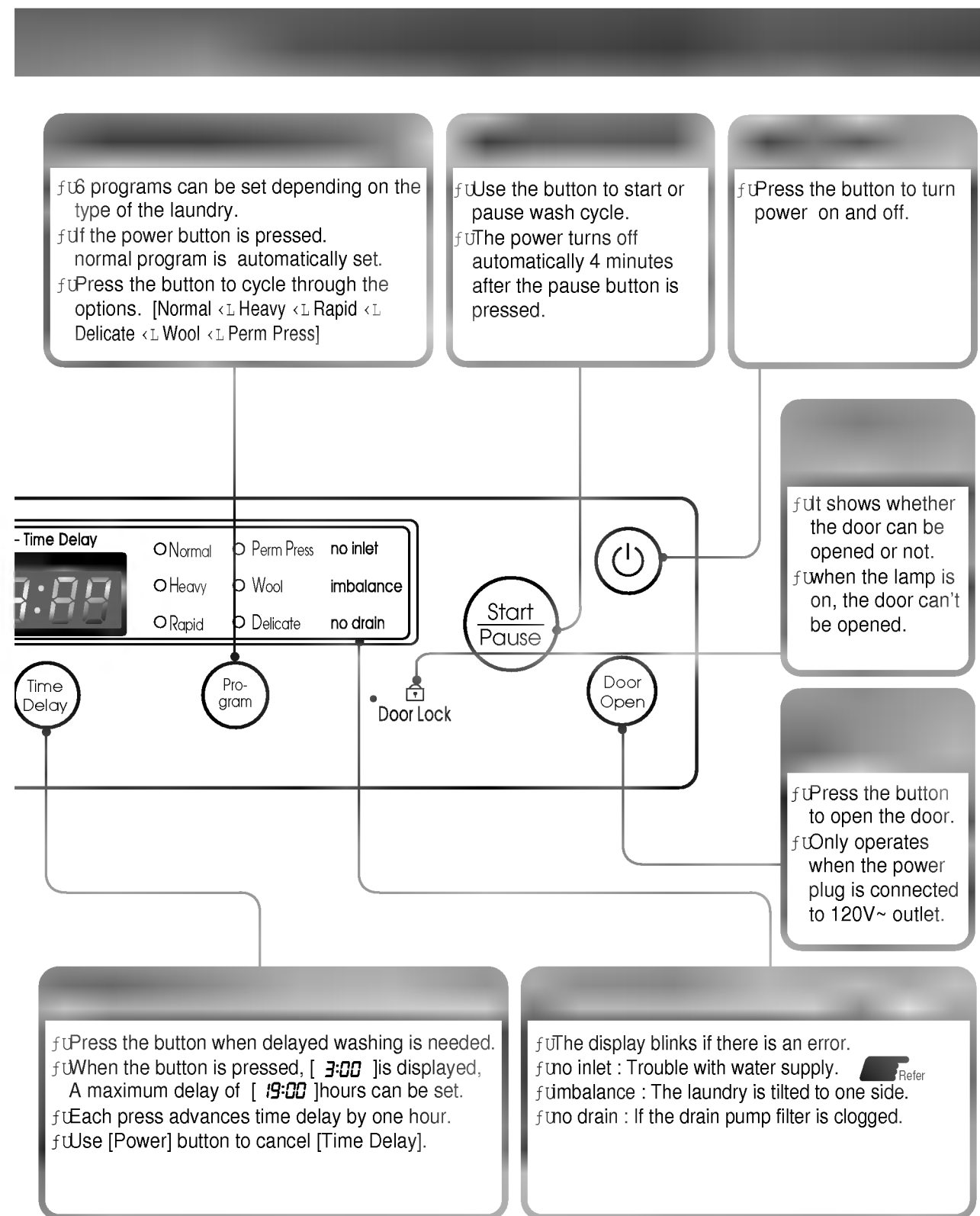
f Display the remaining time (Hour : Minute) to
 finish.
 f In case of abnormal operation, error indications
 are displayed. (*PE, FE, dE, LE, SE, EE*)
 f See trouble shooting guide.

f If you desire to leave
 fabrics in the machine
 without spinning after
 rinse to prevent their
 getting wrinkled, you may
 select Rinse Hold by
 pressing the rinse button.
 f To drain and spin, press
 the Rinse button to turn
 off the Rinse Hold lamp.



f Use these buttons to change wash/rinse/spin.
 f When lamp is off, no selection has been made.
 f Extra wash is available for Normal, Heavy, Perm
 Press.
 f Extra Wash: Extends the wash time by 12 minutes
 for heavily soiled loads.

f Child Lock system can be set and canceled by pressing both
 [Temp.] and [Time Delay] button simultaneously.
 f Once Child Lock is set, all button are inoperable.
 f Child Lock system can be set anytime even during Power-off,
 on pause and operation.
 f It is automatically cancelled when an operational error occurs
 and when the cycles ends.



■ The whole washing process is carried out automatically with just one touch.

■ Prepare the washing.

- Make sure that the machine is plugged in the electric supply.
- Turn on the water tap.
- Load the laundry and close the door.
- Put the detergent and fabric softener into drawer.

■ To change the washing program preferred.

1. Press the power button.

2. By additional push, each light of the programs on the control panel will be turned on in order as follows. [Normal → Heavy → Rapid → Delicate → Wool → Perm Press]

- Make adjustment to wash/rinse temperature, rinse, or spin cycles to suit your needs by pressing these buttons.

■ Press the Start/ Pause button to start the cycle.

- The optimum washing is carried out by detecting the amount of the laundry.

		• To change wash, rinse, spin and water temperature. • () indicates choice that can be manually taken.				Washing time
		Wash	Rinse	Spin	Temp.	
Normal	Color fast garments (shirts, night dresses, pyjamas...) and lightly soiled white cotton (underwear...)	Wash (Extra+Wash)	Normal (Super) (Normal+Hold) (Super+Hold)	800 (no Spin, 600, 1000, 1200)	Warm/Cold (C/C, W/W)	about one hour & 16 minutes
Heavy	First check if the laundry is machine washable. White cottons and linen (towels, sheets...)	Wash (Extra+Wash)		800 (no Spin, 600, 1000, 1200)	Hot/Cold	about one hour & 25 minutes
Rapid	For quick washing of less dirty laundry or frequently used towels	Wash		600 (no Spin, 800, 1000, 1200)	Cold/Cold (Warm/Cold)	about 53 minutes
Delicate	Delicated curtains, dresses, skirts, shirts, etc	Wash		600 (no Spin)	Cold/Cold (Warm/Cold)	about one hour & 6 minutes
Wool (Below 2.0kg)	Machine washable woollens with pure new wool only.	Wash		600 (no Spin)	Cold/Cold (Warm/Cold)	about 51 minutes
Perm Press (Below 3.0kg)	Polyamide, Acrylic, Polyester	Wash (Extra+Wash)		800 (no Spin, 600, 1000, 1200)	Warm/Cold (C/C, W/W)	about one hour & 11 minutes

■ More convenient manual operations of normal program.

1. Press the Power button and Start/Pause.

- The normal program is carried out automatically.

In Normal,

- When you want wash only, press the [Wash] button to select the washing method.
- When you want rinse only, press the [Rinse] button to select the rinsing method.
- When you want Spin only, press the [Spin] button to select the Spin speed,
- When you want Wash & Rinse only, press the [Wash] button and [Rinse] button respectively to select each method.
- When you want Rinse & Spin only, press the [Rinse] button and [Spin] button respectively to select each method.



Completion of washing

- If the washing is completed, the display shows [*End*] with a beep.
- Switch off the appliance and turn off the tap.

■ To change settings in Child - Lock mode.

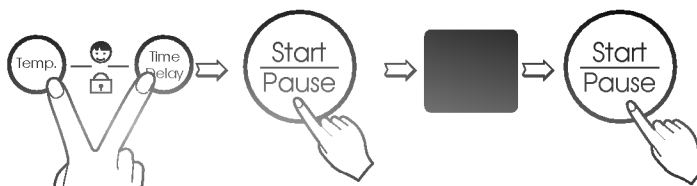
- **Child-Lock** (If you want to lock all the buttons to prevent a child from setting, you use this option.)

✳ The Child system can be programmed and cancelled only by pressing both [Temp.] and [Time Delay] buttons simultaneously. If you want to change the program when the Child-Lock is on,

1.Press both [Temp.] and [Time Delay] buttons simultaneously.

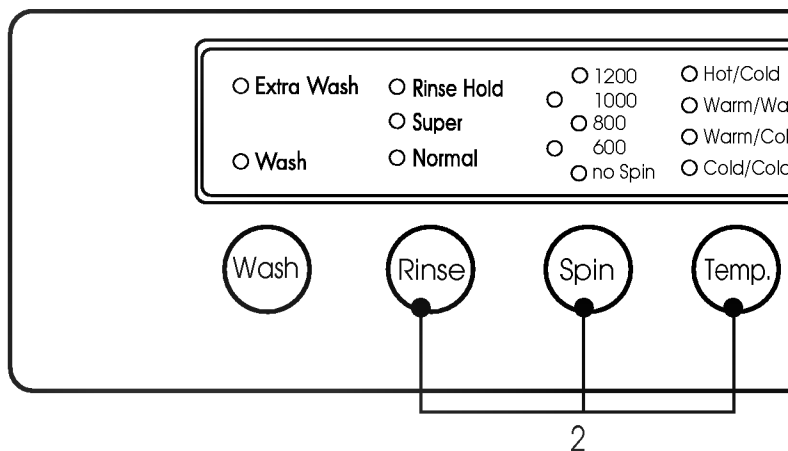
2.Press the [Start / Pause] buttons.

3.Change the program and press the[Start / Pause] button.



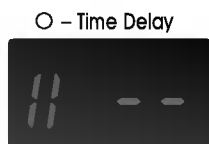
If you want to deactivate Child -Lock during wash cycle, press both [Temp.] and [Time Delay] buttons simultaneously again.

-
-  **Door Lock** If the light turns on, the door can not be opened

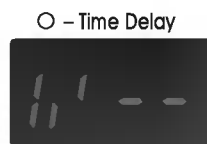


■ Time Delay setting.

**example) If you want to set the washing completed in 5 hours,
Press the [Time Delay] button and adjust the time.**



If the [Time Delay] button is pressed, [3:00] is displayed.



Press the [Time Delay] button twice and set the time to [5:00]

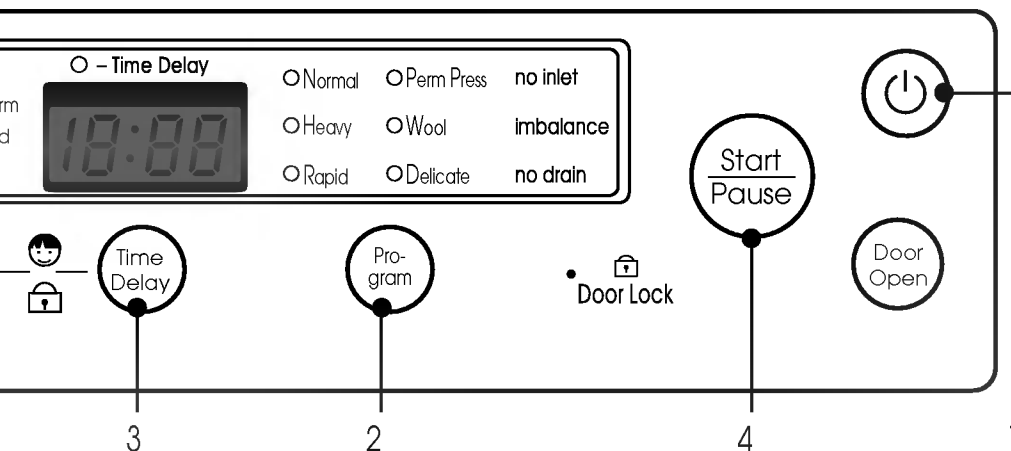


• Minimal 3 hours delay



• The washing is completed in 5 hours

- Time delay is possible between 3 to 19 hours and not possible under 3 hours.
- Time delay does not proceed during power failure.
- According to the condition of water supply and temperature, the delayed time and the actual washing time can vary slightly.
- The [Power] button can be pressed to cancel the time delay.
- Pressing the button once will increase the time delay. If the button is pressed continuously, the time increases automatically by the hour.
- Set the time delay and press the [Start/Pause] button, then the remaining time display stays on with [Time Delay] blinking.



■ Prepare the washing.

- Plug the power into 120V~ single outlet circuit.
- Turn on the water tap.
- Put in the laundry and close the door.
- Place the detergent and fabric softener in the drawer.

1 . Press the **[Power]** button

2 . Press the **[Program]** selection button to select the program required.

- Select the rinse, spin and wash/rinse temperature.

3 . Press the **[Time Delay]** button

- Select the finish time required by pressing the **[Time Delay]** button

4 . Press the **[Start / Pause]** button



The Washing is completed at the selected time.

- Take out the laundry, unplug the power plug and turn off the tap.

The Washing program for when you go out.

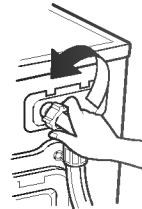
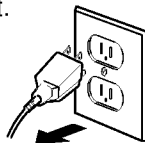
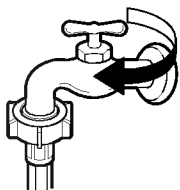
- If you are unable to unload the washing machine at the end of the washing cycle, it is better to select **[Rinse Hold]** o reduce wrinkling.

- Unplug the power plug prior to maintaining.
- Clean the filter periodically every 3 months.

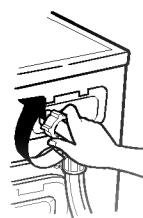
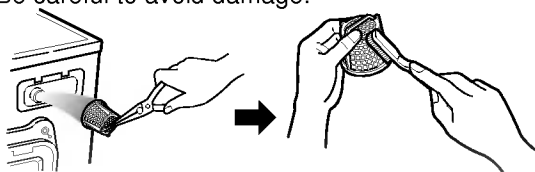
■ Clean the filter in the inlet valve

- When no water flows through detergent drawer, or filter is clogged with foreign material **[no inlet]** is displayed on the control panel.

- 1 Turn off the water tap.
- 2 Unplug the power plug from the outlet.
- 3 Disconnect the inlet hose



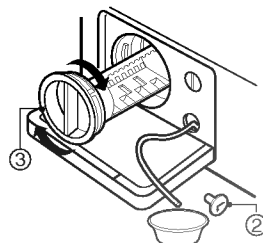
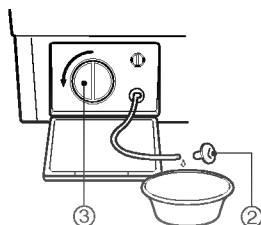
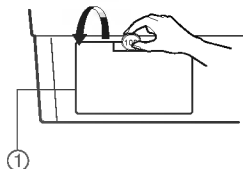
- 4 Pull out the filter with a tool or by hand and clean it using a toothbrush. Be careful to avoid damage.
- 5 Connect the inlet hose and check water leakage.



• Insert the filter in its original place.

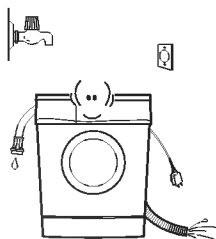
■ Clean the drain pump filter

- 1 Open the lower cover cap (①) by using a coin.
- 2 Unplug the drain plug (②), then the water flows out. At this time, use a bucket to prevent water flowing on the floor. When the water stops flowing, turn the pump filter (③) open to the left.
- 3 Take out any foreign material from the pump filter (③). After cleaning, turn the pump filter (③) clockwise and insert the drain plug (②) to the original place. Close the lower cover cap.

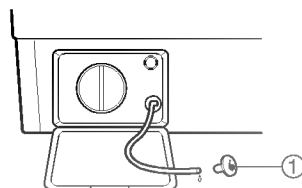


■ To prevent being frozen in winter

- 1 Turn off the water tap and remove the inlet hose.



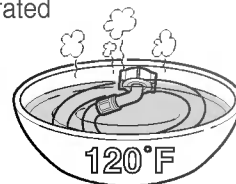
- 2 Drain water in the machine using drain plug (①).



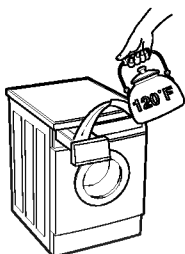
■ When the machine is frozen

- 1 Melt the frozen part and disassemble it.

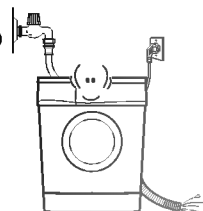
- 2 Submerge the separated hose in hot water. (about 120°F)



- 3 Pour the hot water in the drawer and maintain it for 10 minutes for melting

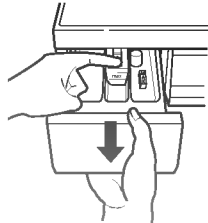


- 4 Connect the inlet hose to the water tap and check the drain after turning on the water tap and operating the washing machine.

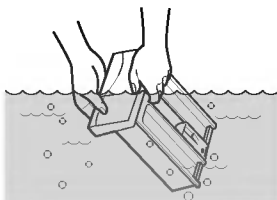


■ Maintenance of the drawer

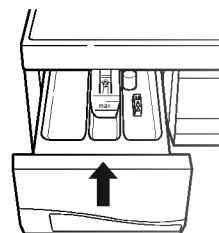
- 1 Push down the oval-shaped depression as you pull the drawer out.



- 2 Wash it clearly.

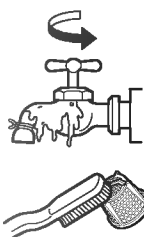
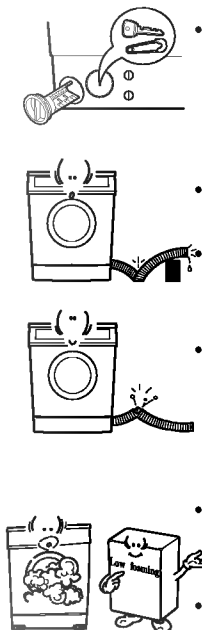
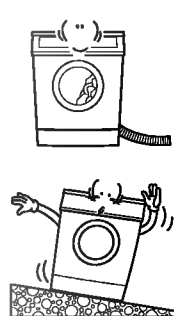


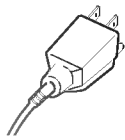
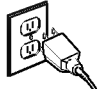
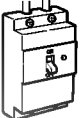
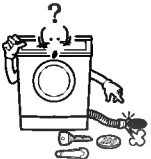
- 3 Replace it.



Troubleshooting guide

- Check the following before asking for service if the error message is displayed during washing, rinsing, spinning.
- Request for service in the case of failure or damage except the following.

Symptom	Check points	Solution
	 • Is the water tap turned off ? • Is the water frozen? • Is the water pressure low or the filter clogged ?	• Turn the water tap on. • Melt it with 120°F hot water 15 Refer • Disconnect the inlet hose and clean the filter. 14 Refer
	 • Is there foreign matter in the drain filter ? • Is the drain hose bent or higher than 40 inches above the floor ? Is the hose clogged ? • Is the hose frozen ? • Did you use more detergent than recommended? • Did you use low suds detergent for the front loading washing machine?	• Clean and remove foreign material from drain filter. 14 Refer • Place the drain hose under 40 inches from the floor. 6 Refer • Put the drain hose evenly. • Melt it with 120°F hot water. 15 Refer • Use the recommended amount. • Use detergents for front-loading washing machines only.
	 • Is the laundry tilted to one side in the drum? • Is the washer leveled?	• Spread the laundry evenly. • Release imbalance by pressing the [Start / Pause] button. If it happens after rinsing or spinning, call for service. • Install it on a firm and even floor. 5 Refer

Symptom	Check points	Solution
	If the water overfill due to a malfunctioning water valve, you will get [FE] display.	• Close the water tap. • Unplug the power plug. • Call for service.
	[PE] is displayed if the water level sensor malfunctions.	
	Motor is not operating.	
	Overload in motor.	
	Overload in motor.	
	 • Is the door opened?	• Close the door. ※ If [dE] is not released, call for service.
	 • Did you press the [Power] button?  • Is the power plug unplugged? • Is the power supply correct?  • Is the short-circuit breaker turned off?	• Turn it on. • Plug it to power supply. • Use 120V outlet with ground terminal on a single outlet circuit. • Turn it on.
	 • Did you remove the transit bolts? • Is the washer tilted? • Is the drain pump clogged with foreign matters ? • Is the washer loaded with excessive clothes?	• Remove it. • install it on the firm and even floor and level it. • Remove foreign matter from the drain filter. • Remove the excessive loads.

Warranty

visit our web site/<http://www.lgservice.com>

LG Electronics

Washing Machine Limited Warranty Canada

LG Electronics will repair or at its option replace, without charge, your product which proves to be defective in material or workmanship under normal use, during the warranty period listed below from the date of original purchase. Normal use is defined as not commercial or industrial use. If the Washing Machine is used or intended for commercial purpose the total Warranty is limited to 180 days from original date of purchase.

This warranty is good only to the original purchaser of the product during the warranty period as long as it is in Canada.

LG Washing Machine Warranty Period

Washing Machine	2 Years Parts and Labor	In-Home Service
Motor, Controller	3 Years Part Only	Customer is responsible for other costs
D/Tub, Motor	5 Years Part Only	Customer is responsible for other costs
Pulley and Belt		

No other express warranty is applicable to this product. THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN. LG ELECTRONICS SHALL NOT BE LIABLE FOR THE LOSS OF USE OF THE PRODUCT, INCONVENIENCE, LOSS OR ANY OTHER DAMAGES, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OF OR INABILITY TO USE, THIS PRODUCT OR FOR ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY APPLICABLE TO THIS PRODUCT.

Some States / Provinces do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts; so these limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state or province to province.

THE ABOVE WARRANTY DOES NOT APPLY TO:

1. Service trips to your home to deliver and pickup, install, instruct, or replace house fuses or correct house wiring or plumbing, or correction of unauthorized repairs..
2. Damage to the product caused by accident, pest, fire, floods or acts of God.
3. Repairs when your LG product is used in other than normal, single-family household use.
4. Damage resulting from accident, alteration, misuse, abuse, or improper installation.

Therefore, these costs are paid by the consumer.

If the product is installed outside the normal service area, any cost of transportation involved in the repair of the product, or the replacement of a defective parts, shall be borne by the owner.

CUSTOMER ASSISTANCE NUMBERS:

To obtain Warranty Coverage:

Retain your Bill of Sales to prove date of purchase.
A Copy of your Sales Receipt must be submitted at the time warranty service is provided.

To obtain Product or Customer
Service Assistance:

Call 1-800-243-0000 (Mon.~ Fri. 7AM~7PM CST)
Press the appropriate menu option, and have your product type (Washer), model number, serial number, and ZIP/Postal Code ready.

To obtain the nearest
Authorized Service Center:

Call 1-800-243-0000 (24 hrs a day, 7 days per week)
Press the appropriate option, and have your product type
(Washer), model number, serial number, and ZIP/Postal Code ready.