Washing Machine
OWNER'S MANUAL

WD-1050F

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.
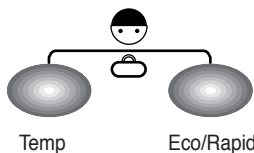Record the model and serial numbers of your washing machine

Product Features

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

Preferred temperature selection
There are 4 temperature selections between cold and 95°C

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.

Temp   Eco/Rapid

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 in its stopped process when power is supplied again and the process is properly adjusted and it will be the same when the machine unplugged in operation is plugged in again.
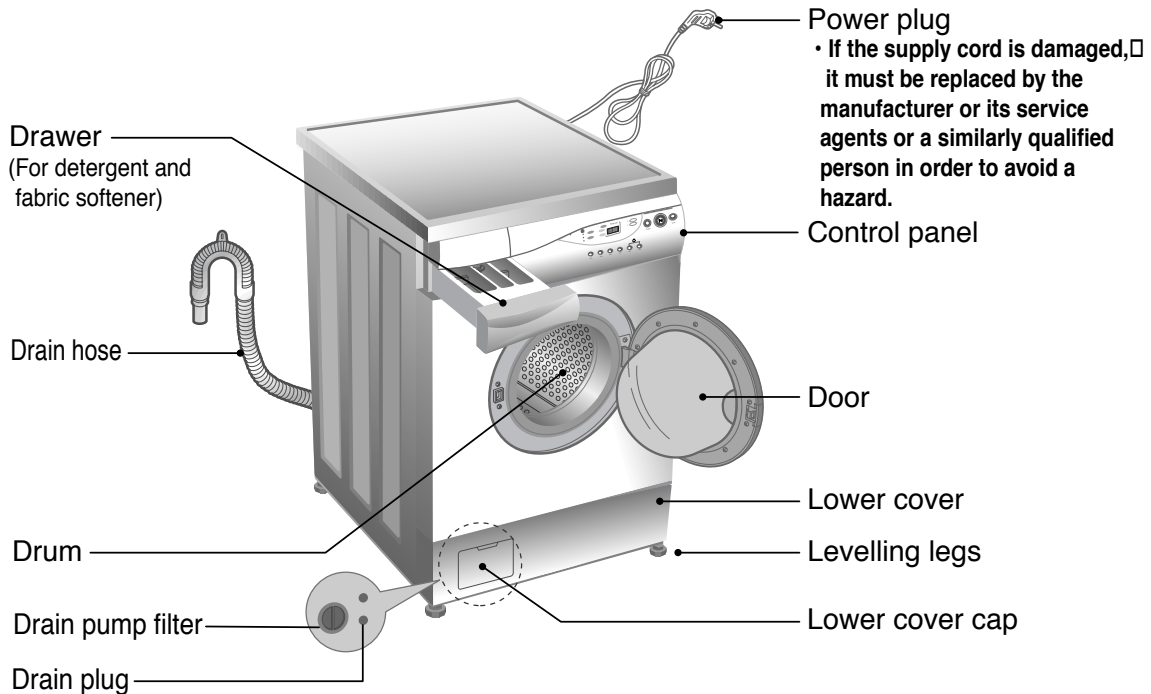
Contents

Warnings

¡ñ **You must read the whole of this instruction book before you use the appliance. Follow the advice carefully.**
Keep the book for future reference.
If you sell or give away the appliance, make sure that the book is passed to the new owner.

¡ñ **The following warnings are provided in the interests of overall safety. You must read them before the appliance is installed or used.**

ƒÜ This appliance is designed to be used by adults. Children should not be allowed to touch the controls or play with the product.

ƒÜ It is dangerous to modify the specifications of this appliance in any way.

ƒÜ This appliance is heavy. Care should be taken when moving it.

ƒÜ All packaging and transit bolts must be removed before the appliance is used. Serious damage may occur if this is not done.

ƒÜ Any plumbing work required to install this appliance should be carried out by a qualified plumber or a competent person.

ƒÜ Any electrical work required to install this appliance should be carried out by a qualified electrician or a competent person.

ƒÜ Make sure that the appliance does not stand on its electrical supply cable.

ƒÜ If the machine is situated on a carpeted floor, please adjust the feet to ensure that air can circulate freely.

ƒÜ Always unplug the appliance and turn off the water tap after use.

ƒÜ Do not overload the appliance.

ƒÜ Only wash fabrics which are designed to be machine washed. If in doubt, follow the instructions you find on the label of the item itself.

ƒÜ Avoid electric heaters, candles, etc. near the machine. It may ignite or deform the machine.

ƒÜ Don¡ Çt sprinkle water. It may cause a fire or electric shock.

ƒÜ Use the exclusive AC 220V-240V outlet with ground terminal. Do not use an extension cord or double adapter.

ƒÜ Make sure that all pockets are empty. Hard, sharp objects such as coins, safety pins, nails, screws or stones can cause extensive damage.

ƒÜ Do not wash laundry stained with edible oil, machine oil, dry-cleaning oil, gasoline, etc. It may cause fire or explosions.

ƒÜ This appliance is designed for domestic use. It must not be used for purposes other than those for which it was designed.

ƒÜ Do not machine wash fabrics which are saturated with petroleum products. If volatile cleaning fluids have been used, make sure that they are thoroughly removed from the fabric before it is placed in the appliance.

ƒÜ Do not operate near places with ignitable material such as gasoline, benzene, etc. or inflammable gas leak. Due to volatile nature of these material, It can cause fire or explosions.

ƒÜ Use only the recommended quantities of fabric softener. An excessive amount could damage the laundry.

ƒÜ Leave the porthole door slightly ajar between washes to preserve the door seal.

ƒÜ Before you open the door of the machine check that the water has drained.
Do not open the door if you can still see water.

ƒÜ Pets and children may climb into the washing machines. Check your appliance each time before use.

ƒÜ The glass door becomes very hot during washing. Keep children away from the appliance while it is in use.

ƒÜ You should not attempt to repair the machine yourself. Repairs carried out by inexperienced or unqualified persons may cause injury and/or more serious faults to the machine.

ƒÜ This product should be serviced by an authorized Service Centre only, and only genuine spare parts should be used.

ƒÜ When disposing of your old washing machine, the electric cable must be cut off and the door catch must be made inoperative to avoid it becoming a death trap for a child.
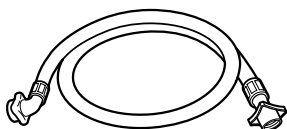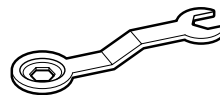
Specification

Power plug
· **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.**

Drawer
(For detergent and fabric softener)

Control panel

Drain hose

Door

Lower cover

Drum

Levelling legs

Drain pump filter

Lower cover cap

Drain plug

§ Name	:	Front loading washing machine
§ Power supply	:	220-240V, 50Hz
§ Size	:	600mm(W) ¡¿600mm(D) ¡¿850mm(H)
§ Weight	:	67kg
§ Wash capacity	:	7.0kg
§ Heating	:	2200W
§ Spin speed	:	400/600/800/1000rpm
§ Water consumption	:	67ℓ (9.6ℓ / kg)
§ Permissible water pressure	:	0.3-10kgf/§†(30-1000kPa)
§ Volume of washing container	:	60ℓ

ƒ{ The appearance and specifications may be varied without notice to raise the units quality
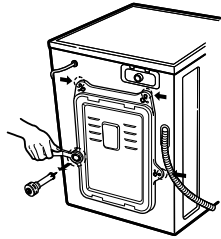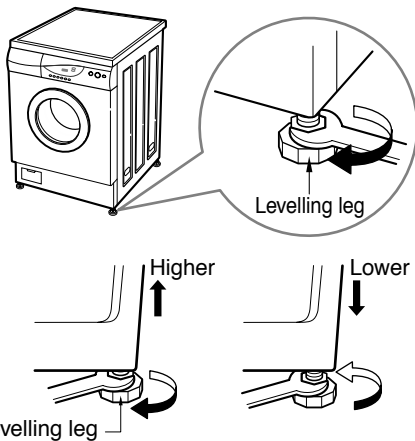
§ **Accessories**

Inlet hose (1EA)

Spanner

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Installation

ƒʋKeep the transit bolts and spanner for future use
in case the machine is to be transported again.

Levelling leg

Higher   Lower

Levelling leg

ƒʋIf the washer is not levelled, it may cause noise or vibration.

§ **How to disassemble the transit bolts.**

ƒʋTo 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 washer.
 2. Unscrew the 4 bolts with a spanner provided.
 3. Take out the 4 bolts.

§ **Level adjustment**

 1. Select a place for installation

ƒʋPlace it on a firm and even floor
ƒʋPlace it more than 2cm away from the wall or other furniture

 2.Check the gap
  ƒʋEnsure all feet are firmly on the floor.

 3.Level adjustment
ƒʋAfter adjusting the level, check it by shaking the washer. Readjust the level if necessary.
ƒʋLevelling should be done within 1.5 degree angle.

§ **Electrical connection**

ƒʋDo not use an extension cord or double adapter.
ƒʋIf the supply cord is damaged, it must be replaced by the manufacturer or its service agents or similarly qualified person in order to avoid a hazard.
ƒʋAlways unplug the machine and turn off the water supply after use.
ƒʋConnect the machine to an earthed socket in accordance with current wiring regulations.

 Caution ƒʋIf the appliance is supplied from a cord extension set or electrical portable outlet device, the cord extension set or electrical portable outlet device should be positioned so it is not subject to splashing or ingress of moisture.
       ƒʋIf a stationary appliance is provided with a supply cord and a plug, the instructions shall state that the appliance must be positioned so that the plug is accessible.
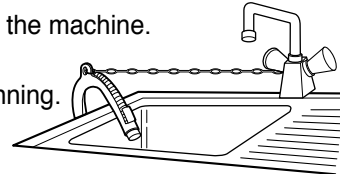
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§ Water drain

ſu Hook over the edge of a sink using the plastic hose hanger supplied with the machine.

ſu 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.

ſu The drain hose should not be placed higher than 85cm above the floor.

§ Connecting the inlet hose

1. Unscrew the fixing screw to attach the faucet.

2. Push the connector up till the rubber packing is in tight contact with the faucet. Then tighten the 4 screws.

3 Push the water supply hose vertically upwards so that the rubber packing within in the hose can adhere completely to the faucet and then tighten it by screwing it to the right.

Upper Connector
Rubber packing
Fixing screw

Rubber packing
Upper Connector

Upper Connector
Plate
Water supply hose
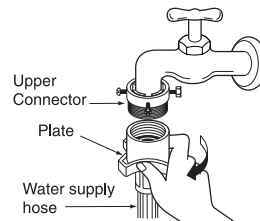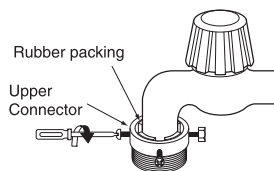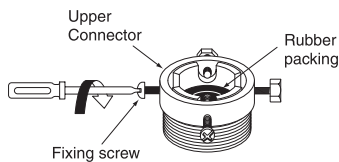
| Used the horizontal faucet	
Horizontal faucet	
Extension faucet	
Square faucet	

Hose connector
Rubber seal
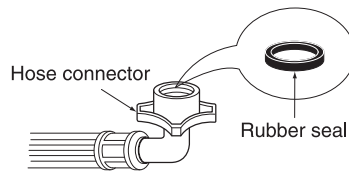
• Make sure that the rubber seal is inside the hose connector.

• Your machine comes with only cold water connection.
• Make sure that there are no kinks in the hose and that it is not crushed.

§ Connecting the inlet hose (How to connect the hose of screw type.)

• Two rings are supplied with the water inlet hose in the valve connector in order to prevent water leaks.

• Your machine comes with only cold water connection.
Connect to cold water using the inlet valve.

• Check water tightness 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 are no kinks in the hose and that it is not crushed.

connector
Rubber seal

6
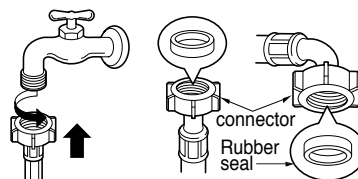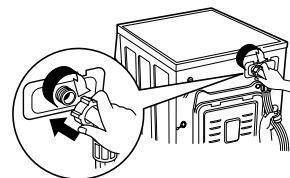
Preparing your laundry

ƒÜCheck pocket for any articles (coin, safety pin, paper clips, etc.)
ƒÜClose zips and fasten button or hooks : loose belt or ribbons should be tied together.
ƒÜNever wash whites and coloureds together.
ƒÜFollow the wash code symbols on each garment label and manufacturer's washing instructions.

Soiled condition	Washing	Temperature
Heavily soiled	- Pre wash - Main wash	Heavily soiled cottons : cold - 95 ¡C Normally soiled cottons : cold - 95 ¡C Coloured cottons : cold - 60 ¡C
Normally Soiled	- Main wash	Synthetics : cold - 60 ¡C Delicate fabrics : cold - 40 ¡C Woollens : cold - 40 ¡C

Adding detergent

§ Where to place the detergent

ƒÜPull out the detergent drawer.
ƒÜPut the detergent and fabric softener in the detergent drawer before washing.
ƒÜClose the detergent drawer completely.
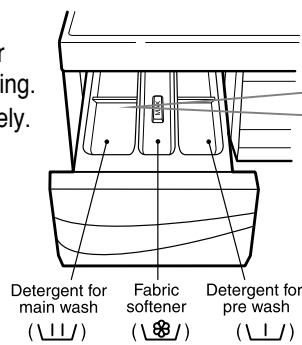
The drawer for fabric softener
• Do not leave the fabric softener in the detergent drawer for more than 2 days. (Fabric softener could harden)
• Do not open the drawer during water fill cycle.
• Softener will automatically add during the last rinsing cycle.
• Do not fill past MAX indicator.
• Do not use solvents (benzine, etc.)

Softener level

Detergent for main wash (\⎸⎸⎸/)   Fabric softener (\❀/)   Detergent for pre wash (\⎸/)

• Programs with PRE-WASH \⎸⎸/ \⎸/
• MAIN-WASH only \⎸⎸⎸/

ƒÜThe detergent should be used according to the instruction of the detergent manufacturer.
ƒÜIf the detergent is used over the recommended amount too many bubbles will be generated thus causing an inferior washing result. Which will cause malfunction.
ƒÜUse detergent only for drum washing machine.

Detergent dosages

Do not exceed manufacturer's recommended dosages as shown on the detergent package. The amounts depend on

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

Choosing the right detergent

The type of detergent depends on

ƒÜthe type of fabric
  (cotton, synthetic, delicate items, wool)
ƒÜcolour
ƒÜwash temperature
ƒÜdegree and type of soiling

NOTE : Use appropriate detergent only for wool

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Control panel

LED display

ƒʋDisplay the remaining time (Hour : Minute) to finish.
ƒʋIn case of abnormal operation, error indications are
   displayed. (*PE FE dE tE*)
ƒʋSee trouble shooting guide.

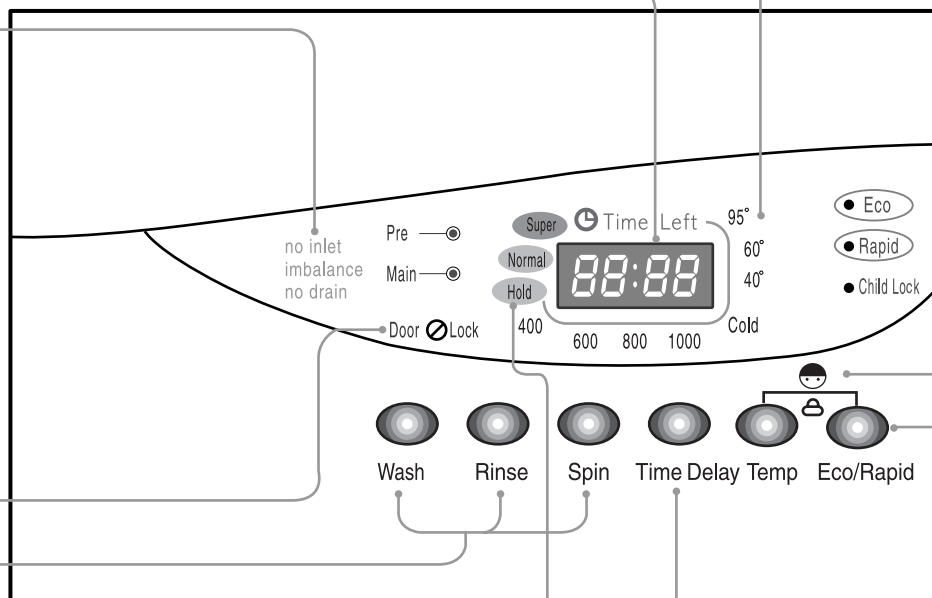## Water temperature selector

ƒʋPress the button to select water temperature.
ƒʋThe water temperature
   [40¡C ¤A60¡C ¤Acold] can be selected in Coloreds,
   Synthetic
ƒʋ95¡C is selected for Whites only.
ƒʋBy pressing the button during operating the washer,
   the present temperature is displayed.

Error display.

ƒʋThe display blinks if there is
   an error. **18** Refer
ƒʋno inlet : Trouble with water
           supply.
ƒʋimbalance : The laundry is
             tilted to one side.
ƒʋno drain : If the drain pump
            filter is clogged.

Door lock lamp

ƒʋIt shows whether the door
   can be opened or not.
ƒʋwhen the lamp is on, the
   door can't be opened.

no inlet
imbalance
no drain

Pre ──◉
Main ──◉

Door ⊘Lock

Super   ⏱Time Left   95°
Normal   60°
Hold   40°
                       Cold
400   600 800 1000

88:88

● Eco
● Rapid
● Child Lock

Wash   Rinse   Spin   Time Delay   Temp   Eco/Rapid

For manual wash, rinse and spin speed

ƒʋUse these buttons to change wash/rinse/spin
ƒʋWhen lamp is off, no selection has been made.
ƒʋPrewash is available for Coloreds, Whites, Synthetic

Rinse hold

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

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Wash program selector

ƒÜ5 programs can be set depending on the type of the laundry.
ƒÜIf the power button is pressed. Coloreds program is automatically set.
ƒÜBy pressing the button, [Coloreds ¤A Whites¤ASynthetic¤ADelicate¤A Wool] can be selected.

Start/Pause button

ƒÜUse the button to start or pause wash cycle.
ƒÜThe power turns off automatically 4 minutes after the pause button is pressed.

Power button

ƒÜPress the button to turn power on and off.

Coloreds   Whites   Synthetic   Delicate   Wool

▷ΙΙ
Start /Pause

Program
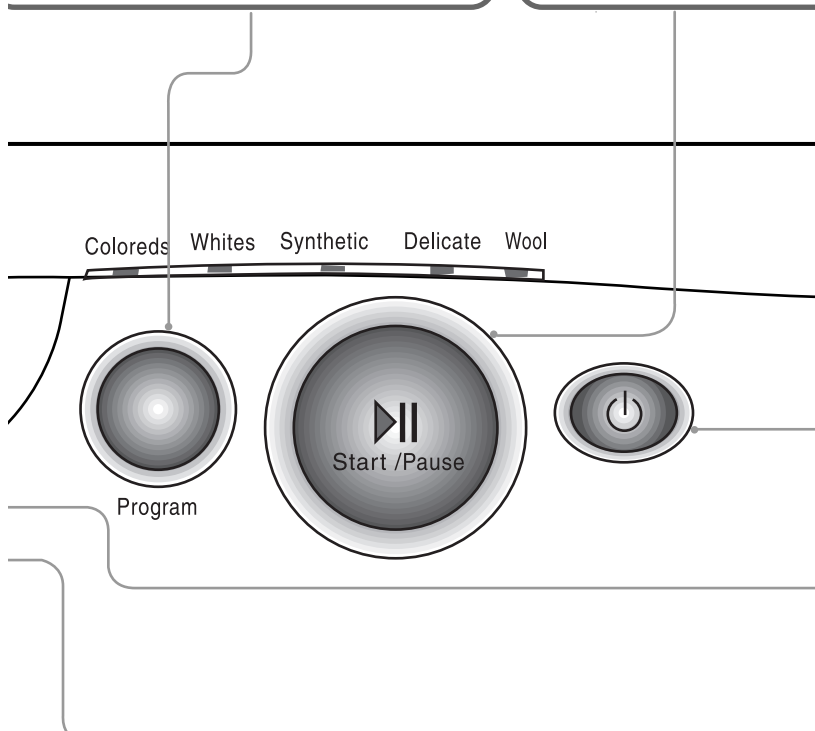
Child - lock

ƒÜChild Lock system can be set and canceled by pressing both [Temp] and [Eco/Rapid] button simultaneously.
ƒÜOnce Child Lock is set, all button are inoperable.
ƒÜChild Lock system can be set anytime even during Power-off, on pause and operation.
ƒÜIt is automatically cancelled when an operational error occurs and when the cycle ends.

Time Delay

ƒÜPress the button when delayed washing is needed.
ƒÜWhen the button is pressed, [3:00]is displayed, A maximum delay of [19:00]hours can be set.
ƒÜEach press advances time delay by the hour.
ƒÜUse [Power]button to cancel [Time Delay].

Eco/Rapid

ƒÜIf you push the Eco/Rapid button in White program, Eco function is selected. Eco function gives you almost the same washing effect as that in 95 ¡℃ with less energy consumption
ƒÜIf you push the Eco/Rapid button in Coloreds or Synthetic program, Rapid function is selected. Rapid function reduces the whole time including the washing and rinsing time about by half an hour.

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How to use your washing machine

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

§ **If no program is selected, Coloreds program will commence.**

§ **In case of automatic washing**
  1. **Press the** ⬤ ¡aPower¡b**button. Coloreds program is automatically set with power on**
  2. **Press the Start/Pause button to start the washing machine.**
  3. **The Coloreds program is carried out.**
     ƒΌThe optimum wash program is selected once the load is detected.

§ **To get the washing program preferred**
  1. **Press the** ⬤ ¡aPower¡b**button.**
  2. **Press the program button. By additional push, each light of the programs on the control panel will be turned on in order as follows.¡aColoreds ¤ Whites ¤ Synthetic¤ Delicate¤ Wool ¤ Coloreds ¡b**
     ƒΌMake adjustment to water temperature, rinse or spin cycles to suit your wash needs by pressing these buttons.
     ƒΌThe time required can be slightly changed according to the laundry amount, water supply and water temperature.

Program		• To change wash, rinse, spin and water temperature. • ( ) indicates choice that can be manually taken.				Washing time
		Wash	Rinse	Spin	Temp	
Coloreds	Color fast garments (shirts, night dresses, pyjamas...) and lightly soiled white cotton (underwear...)	Main wash (Pre + Main)	Normal (Super, Hold)	800 (1000,400,600)	40°C (Cold, 60°C)	about one hour & 46 minutes
Whites	First check if the laundry is machine washable. White cottons and linen(towels, sheets...)	Main wash (Pre + Main)	Normal (Super, Hold)	800 (1000,400,600)	95°C	about 2 hours & 20 minutes
Synthetic (Below 4.0kg)	Polyamide, Acrylic, Polyester	Main wash (Pre + Main)	Normal (Super, Hold)	800 (1000,400,600)	40°C (Cold, 60°C)	about one hour & 46 minutes
Delicate (Below 3.0kg)	Delicate laundry easily damaged.(silk, curtains.....)	Main wash	Normal (Super, Hold)	400 (600)	Cold (40°C)	about one hour & 9 minutes
WOOL (Below 2.0kg)	Machine washable woollens with pure new wool only.	Main wash	Normal (Super, Hold)	400 (600)	Cold (40°C)	about 45 minutes

[More convenient manual operations of Coloreds program]
It is more convenient to operate manually in Coloreds program than in others because Coloreds program is first set with power on.

In Coloreds,
ƒΌWhen you want wash only, press the [Wash] button to select the washing method.

ƒΌWhen you want rinse only,
   press the [Rinse] button to select the rinsing method.

ƒΌWhen you want Spin only,
   press the [Spin] button to select the Spin speed,

ƒΌWhen you want Wash & Rinse only,
   press the [Wash] button and [Spin] button respectively to select each method.

ƒΌWhen you want Rinse & Spin only,
   press the [Rinse] button and [Spin] button respectively to select each method.

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

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

Completion of washing
ƒ℧If the washing is completed, the display shows [End] with a beep.
ƒ℧Switch off the appliance and turn off the tap.

## § To change settings in Child - Lock mode.

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

ƒ{ The Child system can be programmed and cancelled only by pressing both [Temp.] and
[Eco/Rapid]buttons simultaneously. If you want to change the program when the Child-Lock is on,
1.Press both [Temp] and [Eco/Rapid] buttons simultaneously.
2.Press the [Start / Pause] buttons..
3.Change the program and press the
[Start / Pause] button.
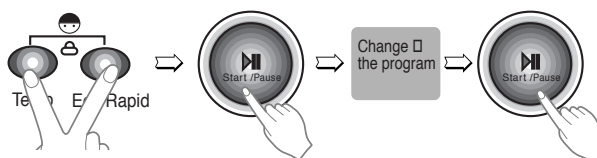
If you want to deactivate Child -Lock during wash cycle, press both [Temp]and [Eco / Rapid] buttons simultaneously again.

ƒ℧Door ⊘ Lock ‹^ **If the light turns on, the door can not be opened**

Delayed washing
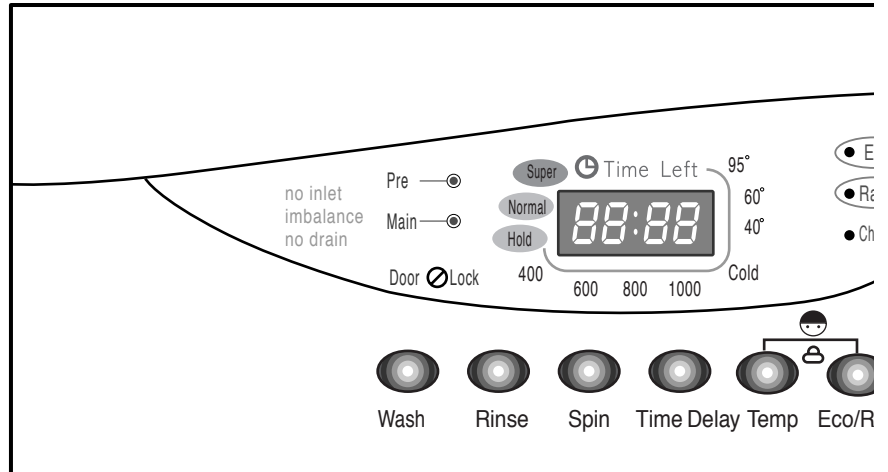
§ Time Delay setting.

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

| Super ⊕ Time Left | If the [Time Delay] button is pressed, [*3:00*]is displayed | | Super ⊕ Time Left | Press the [Time Delay] button twice and set the time to [*5:00*] |

Super | Normal | Hold

3:00

Time Delay

ƒʊMinimal 3 hours delay

Super | Normal | Hold

5:00

Time Delay

ƒʊThe washing is completed in 5 hours
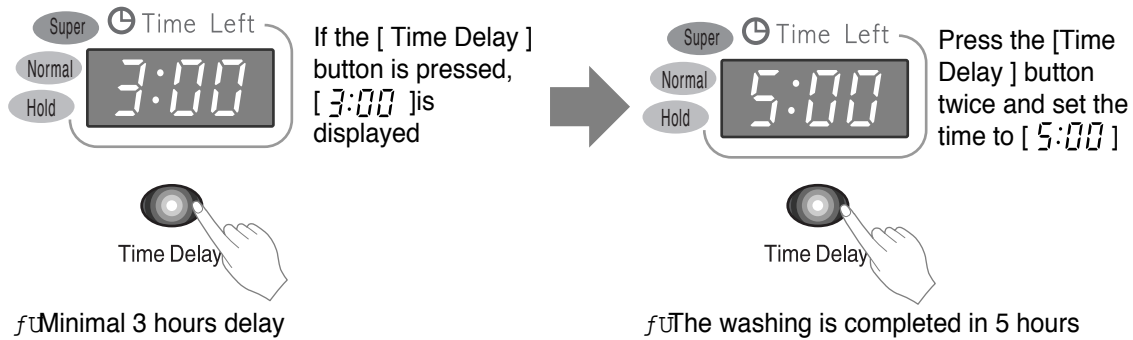
ƒʊTime delay is possible between 3 to 19 hours and not possible under 3 hours.

ƒʊTime delay does not proceed during power failure

ƒʊAccording to the condition of water supply and temperature, the delayed time and the actual washing time can vary slightly.

ƒʊThe ⊙ [Power] button can be pressed to cancel the time delay.

ƒʊPressing the button once will increase the time delay. If the button is pressed continuously, the time increases automatically by the hour.

ƒʊSet the time delay and press the [Start / Pause] button, then the remaining time display stays on with two points blinking between hour and minute.

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Coloreds Whites Synthetic Delicate Wool

co

apid

ild Lock

▷||
Start /Pause

Program

apid
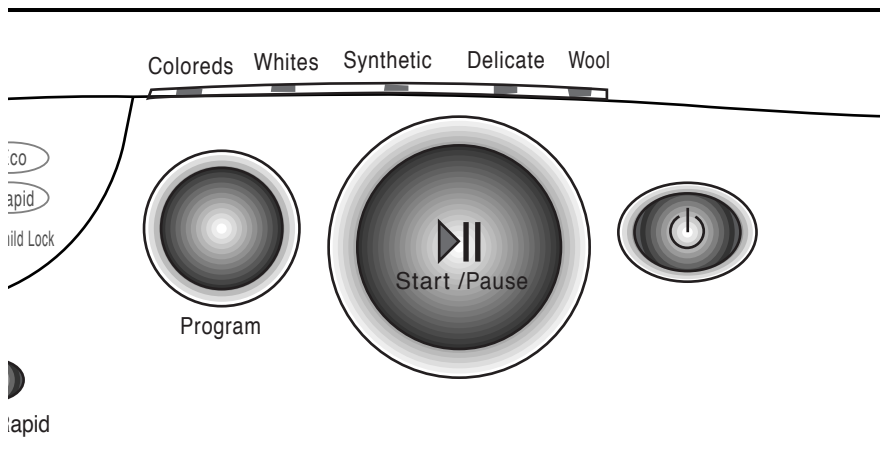
§ **Prepare the washing.**

ƒʊPlug the power into the exclusive AC 200-240V outlet.

ƒʊTurn on the water tap.

ƒʊPut in the laundry and close the door.

ƒʊPlace the detergent and fabric softener in the drawer.

1.Press the ¡a**Power**¡b button

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

ƒʊSelect the rinse, spin and water temperature.

3.Press the **Time Delay** button

ƒʊSelect the finish time required by pressing the [Time Delay] button

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

The Washing is completed at the selected time.
ƒʊTake out the laundry, unplug the power plug and turn off the tap.

The Washing program for when you go out.
ƒʊIf you are unable to unload the washing machine at the end of the washing cycle, it is better to
select rinse **[Hold]** to reduce wrinkle taking place.

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Maintaining the washer

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

§ Clean the filter in the inlet valve

ƒひ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
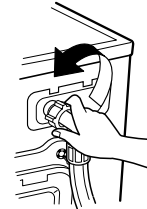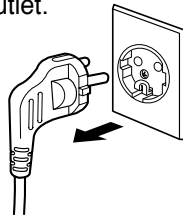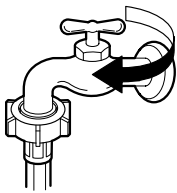
4 Pull out the filter with a tool or by hand and clean it using a toothbrush.

5 Connect the inlet hose and check water leakage.
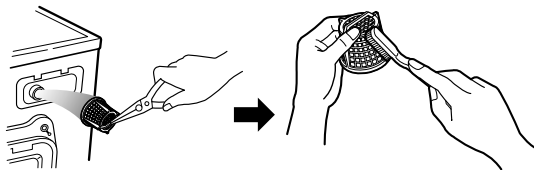
ƒひInsert the filter in its original place.

§ Clean the drain pump filter

1 Open the lower cover cap (¥L) by using coin. Turn the drain plug (¥M) to pull out the hose.

2 Unplug the drain plug (¥M), then the water flows out, At this time use a vessel to prevent water flowing on the floor. If the water does not flow any more,turn the pump filter (¥N) open to the left.

3 Take out any foreign material from the pump filter (¥N). After cleaning, turn the pump filter (¥N) clockwise and insert the drain plug (¥M)to the original place. close the lower cover cap.

① ③ ② ③ ②

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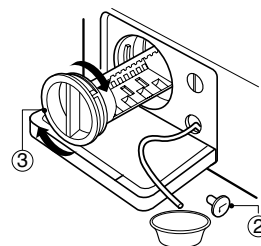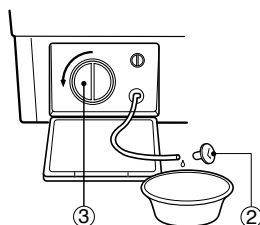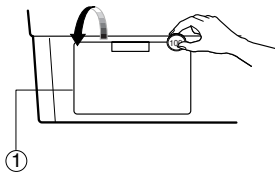
To prevent being frozen in winter

1 Turn off the water tap and remove the inlet hose.
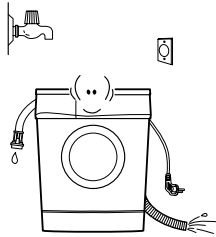
2 Drain water in the machine using drain plug (¥L).
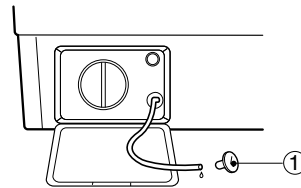
When the machine is frozen

1 Pour hot water (about 50 ¡C) on the faucet and remove the inlet hose.
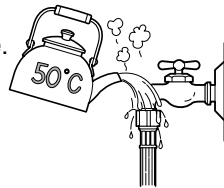
2 Submerge the separated hose in hot water (about 50 ¡C)
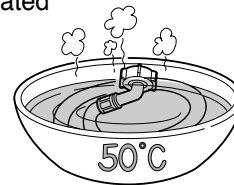
3 Pour the hot water in the drawer and maintain it for 10 minutes for melting
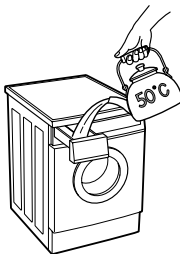
4 Connect the inlet hose to the water tap and check the drain after turning on the water tap and operating the washing machine.
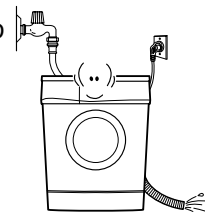
Maintenance of the drawer

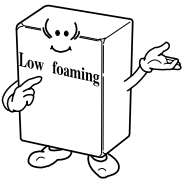**1** Pull out the drawer slightly upward.
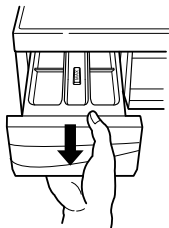
2 Wash it clearly.
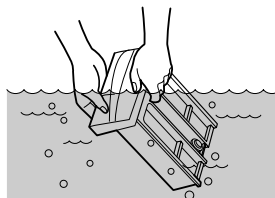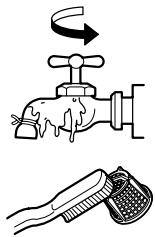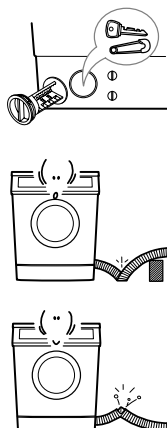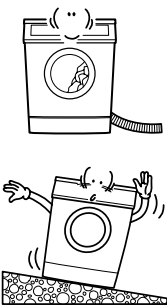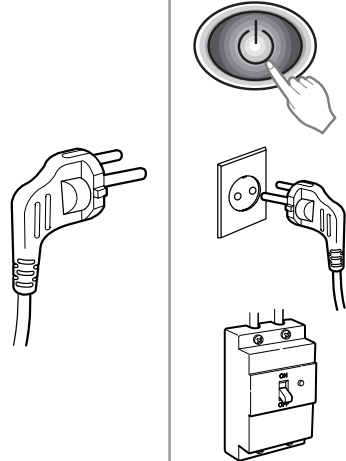
3 Insert it in its original place.
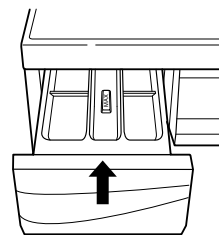
Trouble - Shooting guide

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

Symptom	Check points	Solution
no inlet	• 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 50°C hot water 15 Refer • Disconnect the inlet hose and clean the filter. 14 Refer
no drain	• Is there foreign matter in the drain filter ? • Is the drain hose bent or higher than 85cm above the floor ? • Is the hose clogged ? • Is the hose frozen ?	• Clean and remove foreign material from drain filter. 14 Refer • Put the drain hose evenly. • Place the drain hose under 85cm from the floor. 6 Refer • Melt it with 50°C hot water. 15 Refer
imbalance	• 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
dE	• Is the door opened?	• Close the door. ✷ If [dE] is not released, call for service.
tE		• Unplug the power plug and call for service

Symptom	Check points	Solution
FE	If the water overfill due to the abnormal water valve, you will get " FE " display.	• Close the water tap. • Unplug the power plug. • Call for service
PE	" PE "is displayed if the water level sensor malfunctions.	
	• Did you press the [Power] button?	• Turn it on.
	• Is the power plug unplugged? • Is the power supply correct?	• Plug it to power supply. • Use exclusive AC220-240V outlet with ground terminal.
	• Is the short-circuit breaker turned off?	• Turn it on.
	• Did you use more detergent than recommended? • Did you use low suds detergent for the front loading washing machine?	• Use the recommended amount. • Use detergents for front loading washing machines only.
	• Did you remove the transit bolts? • Is the washer tilted? • Is the drain pump clogged with foreign material ? • Is the washer loaded with excessive clothes?	• Remove it. • install it on the firm and even floor and level it. • Remove foreign material from the drain filter. • Remove the excessive loads. 14 Refer

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Memo

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Memo

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