LG
Life's Good

OWNER'S MANUAL

WASHING MACHINE

Please read this manual carefully before operating your washing machine and retain it for future reference.

T1766NEFTF
T1766NEFT
T1566NEFTFC
T1566NEFTC



Rev. : 00 (07T17)

www.lg.com

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Product Features

Washer doesn't operate while the lid is open. If the lid is open during the wash, rinse or spin cycles, the operation stops for safety.

FUZZY logic control

- A built-in load sensor automatically detects the laundry load and a microprocessor optimizes washing conditions such as ideal Water level and washing time.



- Advanced technology is built into the Electronic Control System which ensures the best washing result.

Turbo drum washing (option)

- When "Punch + 3" washing wings turn, the washing tub turns in the opposite direction. This makes the both sides current of water which improve wash-performance by rubbing clothes strongly.



3 Step washing

- 3 step washing makes the best washing performance with low tangling.



Rubbing → *Rubbing and Shaking* → *Shaking and Disentangling*

NOTE

Be sure to remove the unit from the carton base, otherwise the machine will not be able to operate properly.

Contents

READ THIS MANUAL

Inside you will find many helpful hints on how to use and maintain your washer properly. Just a little preventive care on your part can save you a great deal of time and money over the life of your washer. You will find many answers to common problems in the Troubleshooting section. If you review our chart of Troubleshooting Tips first, you may not need to call for service at all.

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Safety Information

Read carefully and thoroughly through this booklet as it contains important safety information that will protect the user from unexpected dangers and prevent potential damages to the product.

This booklet is divided into 2 parts : Warning and Caution.

: This is a warning sign specifying user's applications which might be dangerous.

: This is a sign specifying 'Strictly Forbidden' applications.

WARNING : Failure to comply with the instructions under this sign may result in major physical injuries or death.

CAUTION : Failure to comply with the instructions under this sign may result in minor physical injuries or damages to the product.

WATER HEATER SAFETY	**WARNING** • Under certain conditions hydrogen gas may be produced in a water heater that has not been used for two weeks or more. Hydrogen gas can be explosive under these circumstances. If the Hot water has not been used for two weeks or more, prevent the possibility of damage or injury by turning on all Hot water faucets and allowing them to run for several minutes. Do this before using any electrical appliance which is connected to the Hot water system. This simple procedure will allow any built-up hydrogen gas to escape. Since the gas is flammable, do not smoke or use an open flame or appliance during this process.
PROPER INSTALLATION	**CAUTION** • The base opening must not be obstructed by carpeting when the washing machine is installed on a carpeted floor. • Install or store where it will not be exposed to temperatures below freezing or exposed to the weather. **If the product is exposed to such conditions, electric shock, fire, break down or deformation may occur** • Properly ground washer to conform with all governing codes and ordinances. Follow details in Installation Instructions **If not grounded properly, break down and leakage of electricity may occur, which may cause electric shock** • Must be positioned so that the plug is accessible. **If the plug is placed between the wall and the machine, it may get damaged, possibly causing fire or electric shock.** • Make sure the plug is completely pushed into the outlet. **Failure to do so may cause electric shock and fire due to overheating.**

Safety Information

YOUR LAUNDRY AREA

⚠ WARNING

- Keep the area underneath and around your appliances free of combustible materials such as lint, paper, rags, chemical, etc.
  Operating with such materials around the machine may trigger explosion or fire.
- Close supervision is necessary if this appliance is used by or near children. Do not allow children to play on, with, or inside this or any other appliance.
  There is potential danger that children might drown in the tub.

⊘ Do not touch the power plug with a wet hand.
It will cause electric shock

⊘ Do not put your hand, foot or anything under the washing machine while the washing machine is in operation.
There is a rotating mechanism under the machine, so you could be injured.

WHEN USING THE WASHER

⚠ CAUTION

- Use this appliance only for its intended purpose as described in this Owner's Manual.
- The laundry process can reduce the flame retardancy of fabrics. To avoid such a result, carefully follow the garment manufacturer's wash and care instructions.
- To minimize the possibility of electric shock, unplug this appliance from the power supply or disconnect the washer at the household distribution panel by removing the fuse or switching off the circuit breaker before attempting any maintenance or cleaning

NOTE

Pressing Power button to turn off does NOT disconnect the appliance from the power supply.

- Make sure that drainage is working properly
  If water is not drained properly, your floor may get flooded. Flooded floors may induce electricity leakage, further resulting in electric shock or fire.
- If, during spinning, opening the lid does not stop the tub within about 15 seconds, immediately discontinue operating the machine.
  Call for repair. A machine that spins with its door open may cause injuries.

⊘ Never reach into washer while it is moving.
Wait until the machine has completely stopped before opening the lid.
Even slow rotation can cause injury.

⊘ Never attempt to operate this appliance if it is damaged, malfunctioning, partially disassembled, or has missing or broken parts, including a damaged cord or plug.
Operating with a damaged plug may cause electric shock.

⊘ Do not use water hotter than 50°C.
Use of excessively hot water may cause damage to fabrics or cause leakage of water.

Safety Information

WHEN USING THE WASHING

⚠ WARNING

Do not use a plug socket and wiring equipment for more than their rated capacity.
Exceeding the limit may lead to electric shock, fire , break down, and/ or deformation of parts.

Do not mix chlorine bleach with ammonia or acids such as vinegar and/or rust remover.
Mixing different chemicals can produce toxic gases which may cause death.

Do not wash or dry articles that have been cleaned in, washed in, soaked in, or spotted with combustible or explosive substances (such as wax, oil, paint, gasoline, dry-cleaning solvents, kerosene, etc). Do not add these substances to the wash water.
Do not use or place these substances around your washer or dryer during operation.
It may ignite or explode.

WHEN NOT IN USE

⚠ CAUTION

- Turn off water faucets 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 may need replacement after 5 years.
- 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.
  Using unclean power plug may cause fire.
- Before discarding a washer, or removing it from service, remove the washer lid to prevent children from hiding inside.
  Children may be trapped and suffocated if the lid is left intact.

Do not attempt to repair or replace any part of this appliance unless specifically recommended in this Owner's Manual, or in published user-repair instructions that you understand and have the skills to carry out.
Operating the machine with improperly replaced parts may be a cause for fire or electric shock.

Do not tamper with controls.
It may lead to electric shock, fire , break down, deformation.

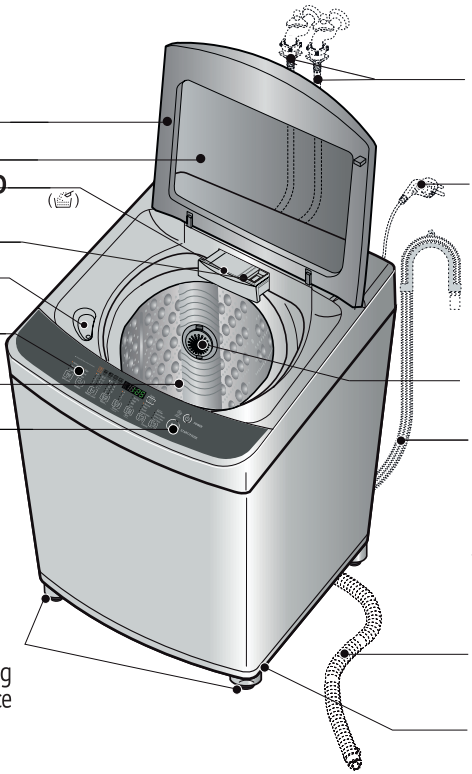
Do not yank the power cord in an attempt to disconnect the power plug. Securely hold the power plug to unplug the machine.
Failure to observe these instructions may cause electric shock or fire due to short-circuit.

When you are cleaning the washing machine, do not apply water directly to any part of the washing machine.
It will cause short circuit and electric shock.

dentification Part

Body

* Picture might be different by model.



SOFT SAFETY DOOR

TEMPERED GLASS

POWDER AND LIQUID DETERGENT BOX

SOFTENER INLET

BLEACH DISPENSER

FUNCTION SELECTOR

TUB

START/PAUSE BUTTON

Use to start or stop the washing machine temporarily

ADJUSTABLE LEGS

Use to level the washing machine for correct balance & spin operation

***WATER SUPPLY HOSE**

Make sure the water does not leak.

***POWER PLUG**

If the supply cord is damage, it must be replaced by the manufacture or its service agents or similar qualified person in order to avoid a hazard.

LINT FILTER

Clean regularly to stop linting on the clothes load.

***DRAIN HOSE**

for pump model

Check if the drain hose is hung up before operating the washing machine.

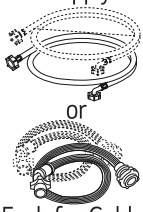
***DRAIN HOSE**

for non pump model

BASE

Accessories

Water supply hoses

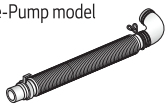


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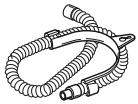
1 Each for Cold and Hot water

Drain hose

For None-Pump model



For Pump model



Anti-rat cover (option)



NOTE

"*" Part can be different according to the model.

Function Information

Our machine provides various washing methods which suits various conditions and types of laundry.

Different types of laundry washing

Normal Wash
Use this Program for everyday washing e.g. sheets, towels, T-shirts. ***(refer to page 16)***

Duvet Wash
Use for blanket or Duvet with (Hand Wash) sign. ***(refer to page 16)***

Extra Clean
Use this Course to get better rising performance. ***(refer to page 16)***

Wool Wash
Wool clothes (lingerie, wool, etc.) Which may be easily damaged can be washed. ***(refer to page 16)***
The fibers of machine washable woolens have been specifically modified to prevent felting when they are machine washed.
Most hand knitted garments are not made of machine washable wool and we recommend that you hand wash them

- Before washing your woolens check the care label for the washing instructions.
- When washing woolens use a mild Detergent recommended for washing wool.
- Hand washed woolens may be spun in a washing machine to reduce the time they take to dry.
- To dry woolens lay down them flat on a towel and pat into shape. Dry woolens out of direct sunlight. (The heat and tumble action of a dryer may cause shrinkage or felting of woolen garments.)

Some wool underlays and sheepskin products can be washed in a washing machine but may cause pump blockages.
(Ensure that the whole article is suitable for machine washing and not just the backing material.)
You may wish to hand wash these articles and place them in the machine to spin dry.

Pre Wash+ Normal
Washing laundry with Pre Wash+ Normal cycle that pretreats immediate stain without hand-wash. i.e. Necessary for clothes which could be smelled badly without prompt laundry. ***(refer to page 18)***

Silent Wash
Use this program to wash quietly at night. ***(refer to page 18)***

Washing according to the condition of laundry

Quick Wash
Quick Wash can be selected to wash lightly soiled clothes of less than 2.0 kg in a short time.***(refer to page 16)***

Soak Wash
Soak Wash can be selected to wash heavily soiled laundry by soaking in water for some time to remove dirt and grime. ***(refer to page 20)***

Other washing method

Tub Clean
Use this program to clean the inside of washing machine especially Inner tub & Outer tub ***(refer to page 21)***

Delay Start Wash
Delay Start Wash is used to delay the finishing time of the operation.
The number of hours to be delayed can be set by the user accordingly. ***(refer to page 24)***

Option Wash
When the user needs only Spin, Rinse/Spin, Rinse, Wash/Rinse, Wash, Wash/Rinse/Spin, Soak/Wash/Rinse/Spin. ***(refer to page 23)***

Preparation Before Washing

Care Labels

* Look for a care label on your clothes. This will tell you about the fabric content of your garment and how it should be washed.
Sort clothes into loads that can be washed with the same wash cycle, Water Temperature and spin speed.



Sorting

To get the best results, different fabrics need to be washed in different ways.

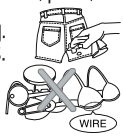
- **SOIL** (Heavy, Normal, Light) Separate clothes according to the type and amount of soil.
- **COLOR** (Whites, Lights, Darks) Separate white fabrics from colored fabrics.
- **LINT** (Lint producers, Collectors) Separate lint producers and lint collectors.

Lint Producers: Terry cloth, Chenille, Towels, Nappies, Diapers
Lint Collectors: Synthetics, Corduroy, Permanent Press, Socks.



Check before Loading

- **Check all pockets to make sure that they are empty.** Things such as nails, hair clips, matches, pens, coins, and keys can damage both your washer and your clothes.
- **Mend any torn garments or loose buttons.** Tears or holes may become larger during washing.
- Remove belts, under wires, etc. to prevent damage to the machine or your clothes.
- **Pretreat any dirt and stains.**
- Make sure the clothes are washable in water.
- Check the washing instructions.
- Remove tissue in pockets.



⚠ Caution

Do not wash or spin any item labeled or known to be water-proof or water-resistant, even if the product care label on the item permits machine washing. Failure to follow these instructions could result in severe damage to your laundry, your washer and/or property damage as a result of abnormal vibration of the washer.

- Examples of water-proof or water-resistant items include certain mattress pads, mattress covers, rain gear, camping gear, skiing apparel , outdoor gear and similar items.

Pretreatment on stains or heavy soil

- Use 'PreWash+Normal' cycle for very soiled clothes. In case of heavily soiled clothes, pretreatment may require before the cycle.
- Pretreat shirt collars and cuffs with a pre-wash product or liquid Detergent when placing them in the washer. Before washing treat special stains with bar soaps, liquid Detergent or a paste of water and granular Detergent.
- Use a pretreat soil and stain remover. Treat stains AS SOON AS POSSIBLE. The longer they are left the harder they are to remove. ***(For more detail refer to page 13)***

Loading

Do not wash fabrics containing flammable materials (waxes, cleaning fluids, etc.).

Load Size

The Water Level should just cover the clothes. Adjust the load size accordingly. Loosely load clothes no higher than the top row of holes in the washer tub. To add items after washer has started, press Start button and submerge additional items. Close the lid and press Start button again to restart.

Light and Large-sized clothing

Clothes like downs and woollens are light weight, large and float easily. Use a nylon net and wash them in a small amount of water. If the laundry floats during the wash cycle, it may become damaged. Use dissolved Detergent to prevent the Detergent from clumping.

⚠ WARNING

Fire Hazard

Never place items in the washer that are dampened with gasoline or other flammable fluids.
No washer can completely remove oil. Do not dry anything that has ever had any type of oil on it (including cooking oils). Doing so can result in death, explosion, or fire.

Long laundry items

Use nylon nets for long, DELICATE items. For laundry with long strings or long length , a net will prevent tangling during washing. **Fasten zippers, hook, and strings** to make sure that these items don't snag on other clothes.

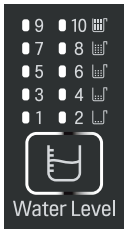
※ Nylon net is not supplied by LG.



Use of Water, Dispenser Drawer , Detergent and Softener

Using Water

Amount of Water Level



- This machine detects quantity of laundry automatically, then sets the Water Level and proper amount of detergent.
- When you select a wash Course, the Water level and amount of detergent (to be used) will be shown on the panel.
- The following table shows the amount of water.
- When the water level is automatically detected, it may differ depending on the quantity of laundry even though the same water level is indicated on the control panel.

NOTE

[Minimum water amount]

It depends on laundry load and washer model. Or manually you can pour a certain amount water into tub directly to some height. That's because if water level reaches to the some height sensed by washer itself, washer automatically operates. In other words, it is needed to pour water to the point when washer starts operating.

Water Temperature (WARM,COLD : Option for Only 2 Vale)

- The machine sets the appropriate temperature automatically according to the wash course.
- You can change the water temperature by pressing the Water Temp. Button. ***(refer to page 14)***
- The temperature of the water impacts the effectiveness of all laundry additives and therefore, the cleaning results. We recommend temperatures of:

- HOT 49~60 ℃ ...(120-140˚F) Whiteitems,diapers,underclothingandheavilysoiled,colorfastitems.
- WARM 29~40 ℃ ...(85-105˚F) Most items
- COLD *18~24 ℃ ...(65-75˚F) Only very bright colors with light soil.

- When washing in Cold water additional steps may be needed:

- Adjust Detergent amount and pre-dissolve Detergent in Warm water
- Pretreat spots and stains
- Soak heavily soiled items
- Use appropriate bleach

*Temperature below 18 ℃ ... (65 ˚F) will not activate laundry additives and may cause lint, residue, poor cleaning, etc. In addition, Detergent manufactures and care labels define Cold water as 26~29 ℃... (80-85 ˚F). If the temperature of the water in the tub is too cold for your hands, the Detergent will not activate and clean effectively.

Attention

If iron is present in the water the clothes may become an all-over yellow or they may be stained with brown or orange spots or streaks. Iron is not always visible. Installation of water softener or an iron filter may be necessary for severe cases.

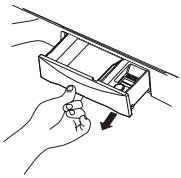
Using Water

Using the Dispenser Drawer

The dispenser drawer contains 2 compartment :

- Liquid Fabric Softener
- Liquid or Powder Low-Suding, High-Efficiency Detergent

The Dispenser automatically dispensers additives at the proper time in the wash cycle.



1.Slowly open the dispenser drawer by pulling the drawer out until it stops.

2. After adding laundry products, slowly close the dispenser drawer. Closing the drawer too quickly could result in early dispensing of additive.

- Avoid overfilling or splashing when adding laundry products to the dispenser. Doing so could result in early dispensing of laundry products.

At the of the cycle, you may see water in the compartments. This is part of the normal operation of the washer.

NOTE : Do not use bleach in the dispenser drawer.

Using detergent

Detergent

Follow the detergent package directions. Using too little detergent is a common cause of laundry problems. Use more detergent if you have hard water, large loads, greasy or oily soils or lower water temperature.

Choosing the right Detergent

We recommend the use of domestic detergent, (powder, liquid or concentrated). Soap flakes or granulated soap powders should not be used in your washing machine. When washing woolens remember to use detergent suitable for washing woolens.

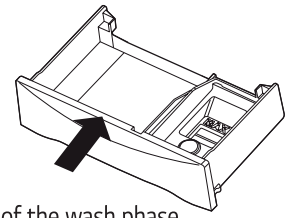
How much Detergent

When you select a wash Course the water level and the amount of detergent (to be used) will be shown on the control panel. The amount of a cup in the diagram is about 40 g for concentrated detergent. The correct amount of Detergent will vary depending on the amount of soil in your clothes (Jeans and work cloches may need more Detergent, while bath towels usually need less.).
For liquid and concentrated Detergents, follow the recommendations of the Detergent manufacturer.

Note: To check you are using the correct amount of detergent, lift the lid of your machine about half-way through the wash. There should be a thin layer of foam over the surface of the water. Lots of foam may look good, but it does not contribute to cleaning your clothes. No foam means not enough detergent had been used; soil and lint can settle back on the clothes or the washing machine. If excess detergent is used, the rinse will not be as clean and efficient. Also, it could cause environmental pollution, so use it accordingly.

Adding the Detergent

Add measured detergent to the detergent compartment of the dispenser drawer.



Detergent is flushed through the dispenser at the beginning of the wash phase.
Detergent usage may need to be adjusted for water temperature, water hardness, size and soil level of the load.
Avoid using too much detergent in your washer, as it can lead to oversuding and detergent residue being left on the clothes.

Note : Using Liquid detergent
- Dilute Liquid detergent with water and pour into the tub, start the cycle.
- Delay wash course is not available if you use liquid detergent.

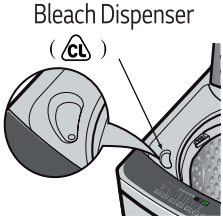


Attention

Using liquid detergent without diluting , or leaving laundry for a long time after pouring dilute liquid detergent into the tub might cause damage, bleaching or discoloration of cloth.

Use of Water, Dispenser Drawer, Detergent and Softener

Using Liquid Bleach

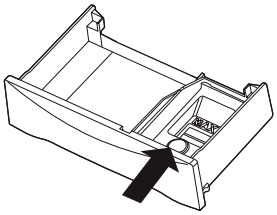


- Check clothing care label for special instructions and separate the laundry to be bleached
- Dilute liquid chlorine bleach.
- Measure the recommended amount of liquid bleach carefully following instructions on the bottle.
- Before starting the washer, pour measured amount of bleach directly into bleach dispenser. Avoid splashing or overfilling. Powdered bleach should be mixed with water before pouring.

NOTE

- Never pour undiluted liquid bleach directly onto clothes or into the wash basket. This may cause change of color or damage the laundry.
- Do not pour powdered bleach into bleach dispenser.

Use Fabric Softener



If desired , Pour the recommended amount of liquid fabric softener into the right-hand compartment.
Use only liquid fabric softener.
Dilute with water to the maximum fill line
- Do not exceed the maximum fill linc.

Overfilling can cause early dispensing of the fabric. softener, which could stain clothes
NOTE : Do not pour fabric softener directly on the wash load, It may stain the clothes.

Attention

- Do not mix with Detergent or bleach.
- Never pour fabric softener directly on clothes. It may stain them.
- Do not stop the washer during the first spin for timely dispensing.
- Option washing is not designed to be used with fabric softener dispenser.

Scrud (Waxy Build up)

Scrud is the name given to the waxy build-up that can occur within any washer when the fabric softener comes into contact with Detergent. This build-up is not brought about by a fault in the machine.

If scrud is allowed to build-up in the machine it can result in stains on your clothes or an unpleasant smell in your washer.

If you wish to use fabric softener we recommend

- Using fabric softener sparingly.
- When filling the dispenser, do not splash or overfill.
- Clean dispenser as soon as the cycle is finished.
- Clean your machine regularly. ***(refer to page 21 or 32)***
- Cold water washing increases the chance of this build-up occurring. We recommend a regular Warm or Hot wash e.g. every 5th wash should be at least a warm one.
- Fabric softener of thinner consistency is less likely to leave residue on the dispenser and contribute to a build-up.

Special Guide for Stain Removal

⚠ WARNING

- Do not use or mix liquid chlorine bleach with other household chemicals such as toilet cleaners, rust removers, acid or products containing ammonia. These mixtures can produce dangerous fumes which can cause serious injury or death.
- To reduce the risk of fire or serious injury to persons or property, comply with the basic warnings listed below:
- Read and comply with all instructions on stain removal products.
- Keep stain removal products in their original labeled containers and out of children's reach
- Thoroughly wash any utensil used.
- Do not combine stain removal products, especially ammonia and chlorine bleach. Dangerous fumes may result.
- Never wash items which have been previously cleaned in, washed in, soaked in or spotted with gasoline, dry cleaning solvents or other flammable or explosive substances because they give off vapors that could ignite or explode.
- Never use highly flammable solvents, such as gasoline, inside the home. Vapors can explode on contact with flames or sparks.

For successful stain removal :

- Remove stains promptly.
- Use 'Pre Wash+Normal' cycle for very soiled clothes. In case of heavily soiled clothes, pretreatment may require before the cycle.
- Determine the kind of stain, then follow the recommended treatment in the stain removal chart below.
- To pretreat stains, use a prewash product, liquid Detergent, or a paste made from granular Detergent and water.
- Use COLD water on unknown stains because HOT water can set stains.
- Check care label instructions for treatments to avoid on specific fabrics.
- Check for colorfastness by testing stain remover on an inside seam.
- Rinse and wash items after stain removal.



Follow fabric care label instructions

Stain Removal	
STAIN	**TREATMENT**
Adhesive tape, chewing gum, rubber cement	Apply ice. Scrape off excess. Place stain face down on paper towels. Saturate with prewash stain remover or nonflammable dry cleaning fluid.
Baby formula, dairy products, egg	Use product containing enzymes to pretreat or soak stains.
Beverages (coffee, tea, soda, juice, alcoholic beverages)	Pretreat stain. Wash using COLD water and bleach safe for fabric.
Blood	Rinse with COLD water. Rub with bar soap. Or pretreat or soak with product containing enzymes. Wash using bleach safe for fabric.
Candle wax, crayon	Scrape off surface wax. Place stain face down between paper towels. Press with warm iron until wax is absorbed. Replace paper towels frequently. Treat remaining stain with prewash stain remover or nonflammable dry cleaning fluid. Hand wash to remove solvent. Wash using bleach safe for fabric.
Chocolate	Pretreat or soak in WARM water using product containing enzymes. Wash using bleach safe for fabric.
Collar or cuff soil, cosmetics	Pretreat with prewash stain remover or rub with bar soap.
Dye transfer on white fabric	Use packaged color remover. Wash using bleach safe for fabric.
Grass	Pretreat or soak in WARM water using product containing enzymes. Wash using bleach safe for fabric.
Grease, oil, tar (butter, fats, salad dressing, cooking oils, car grease, motor oils)	Scrape residue from fabric. Pretreat. Wash using hottest water safe for fabric. For heavy stains and tar, apply nonflammable dry cleaning fluid to back of stain. Replace towels under stain frequently. Rinse throughly. Wash using hottest water safe for fabric.
Ink	Some inks may be impossible to remove. Washing may set some inks. Use prewash stain remover, denatured alcohol or nonflammable dry cleaning fluid.
Mildew, scorch	Wash with chlorine bleach if safe for fabric. Or, soak in oxygen bleach and HOT water before washing. Badly mildewed fabrics may be permanently damaged.
Mud	Brush off dry mud. Pretreat or soak with product containing enzymes.
Mustard, tomato	Pretreat with prewash stain remover. Wash using bleach safe for fabric.
Nail polish	May be impossible to remove. Place stain face down on paper towels. Apply nail polish remover to back of stain. Repeat, replacing paper towels frequently. Do not use on acetate fabrics.
Paint, varnish	WATER BASED : Rinse fabric in cool water while stain is wet. Wash. Once paint is dry, it cannot be removed, OIL BASED AND VARNISH : Use solvent recommended on can label. Rinse throughly before washing.
Rust, brown or yellow discoloration	For spots, use rust remover safe for fabric. For discoloration of an entire load, use phosphate Detergent and **Do not use chlorine bleach because it may intensify discoloration.**
Shoe polish	LIQUID : Pretreat with a paste of granular Detergent and water. PASTE : Scrape residue from fabric. Pretreat with prewash stain remover or nonflammable dry cleaning fluid. Rub Detergent into dampened area, Wash using bleach safe for fabric.

Function of each Button

Water Temperature Button (only 2 valve)

- Use to select Water Temperature. Pressing the button allows you to select COLD ▶ WARM(HOT&COLD) ▶ HOT ▶ COLD respectivly. Default setting is COLD.

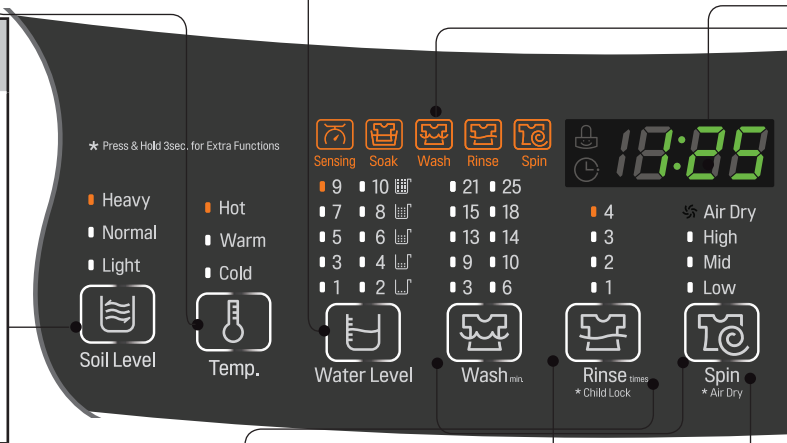
Water Level Button

- Use to select the proper amount of water in relation to the weight and type of laundry.
- Automatically controlled, but can be selected manually by pressing the **Water Level** Button.
- Water is automatically selected for Normal Course.

The following settings are indicated as the button is pushed
7 ▶ 8 ▶ 9 ▶10 ▶1 ▶ 2 ▶ 3 ▶ 4 ▶5 ▶ 6 ▶7

Soil Level Button

- This button allows you to select the strength of the wash action
- Power option selections light up in sequence as follows Normal ▶ Heavy ▶ Light ▶ Normal as the button is pushed. This can be selectted for any course.
- Adjutment can be made while washing



Air Dry

- This button is used for air-drying of your laundry.
- Air dry selections light up in sequence as follows
  30 ▶ 60 ▶ 90 ▶ 120
- If you want to use Air Dry, Press & hold 3 sec. Spin key.

Child Lock Function

- Use to lock or unlock the control buttons to prevent settings from being changed by a child. To lock, push the Rinse buttons and to unlock push them one more time during the washing process.

(refer to page 25)

Wash. Rinse. Spin Button

- Use when wash, rinse, spin time need to be adjusted.
- The time increases when the button is pressed.
- If adjustments are needed during the wash, press the [start/pause] button before making any changes.
- When the button is pressed during washing, the remaining time is displayed.

NOTE

* Even if the water level or the water temperature are changed by the user in Normal Course, the sensor will still work. The sensor algorithm may differ according to models.
* The control panel may differ according to different models.

Display laundry progress

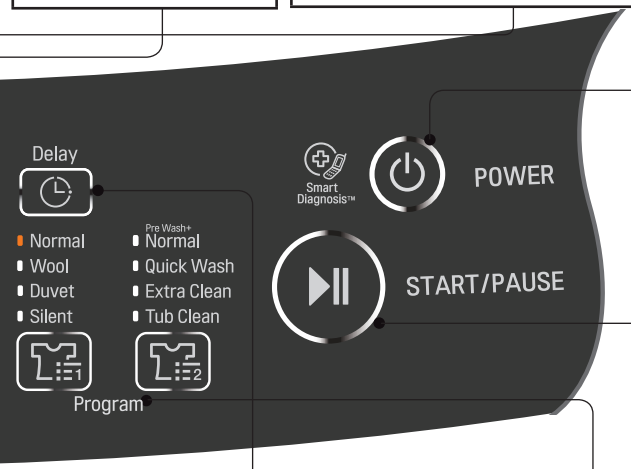
- Laundry progress is indicated here.
- Process to be done will have light on. Process in progress will blink and process already done will have light off

Display remaining time, reservation time, and alarm for trouble

- During operation this indicates time to finish of laundry.
  Ex.) 1:09 Indicates remaining time of laundry, rinse, spin dry during operation/pause.
- If there is a trouble, it blinks with buzzer sound and indicates the source of trouble. It will work normally after troubleshooting.

POWER Button

- User to turn the power on or off.
- Push again and power goes on or off
- The power goes off automatically about 10 seconds after the wash is finisher.



Delay Start (Reservation) Button

- Use to set a delayed finishing time.
- The time increases when the button is pushed.
- The following settings are indicated as the button is pushed 3 ▶ 4 ▶ 5 ▶ ... 11 ▶ 12 ▶ 14 ▶ 16 ▶ 18 ▶ OFF ▶ 3 HOUR.
- To cancel delay time, turn the power switch off.

(refer to page 24)

Program Button

- Use for selecting Wash Program
- This button allows you to select 8 different Program for diffent kinds of lanudry and dirtiness.
- Program selections light up in sequence as follows

Program 1 : Normal ▶ Wool ▶ Duvet ▶ Silent

Program 2 : Pre Wash + Normal ▶ Quick Wash ▶ Extra Clean ▶ Tub Clean

Select the desired Program by pressing the button.

START/PAUSE Button

- Use to start or pause the washing process.
- Repeats start and pause by pushing the button.

Washing Course

Washing Course	POWER	Add the laundry	Program	Add the detergent
Normal Used for normal loads, this mode automatically selects the most appropriate conditions and completes the sequence in one operation. The built-in sensor detects the size of the load and the ideal wash power and wash, rinse and spin times are set accordingly.	1	2		4 • Add the appropriate quantity of Detergent as indicated by the WATER LEVEL next to Water Detergent. Or follow the Detergent manufacturer's instructions
Wool Use this program for washing delicate fabrics such as lingerie and woolens. (wash only "water washable" clothes) Before washing your woolens check the care label for the washing instructions. (wash only water washable clothes)	1	3	2 • Select the **Wool** program on the Control panel.	5 • Use neutral Detergent appropriate for the laundry. • When washing woolens use a mild Detergentrecommendedforwashingwool.
Quick Wash Use this mode when washing lightly soiled clothes for a short time. The highly recommended laundry amount is under 2.0 kg.	1	3	2 • Select the **Quick Wash** Course on the Control panel.	5 • Add the appropriate quantity of Detergents as indicated by the Water Level next to **Water Detergent**. Or follow the Detergent manufacturer's instructions
Duvet Use Duvet Course when washing Jeans of different sizes	1	3 • Spread the jeans evenly in the tub.	2 • Select the **Duvet** course on the Control panel.	5
Extra Clean Use this Course to increase rising performance. This would include underwear and baby clothes. If someone has sensitive skin or skin trouble, use this Course.	1	3	2 • Select the **Extra Clean** Course on the Control panel.	5

START/PAUSE	Close the lid	Finish	Caution & Note
3 • The pulsate rotates for 40 seconds to detect the laundry load, • Then the Waster Level and the amount of Detergent to be used will be shown and water will be supplied.	5 • Water will be supplied for 2 minutes after the start of the wash to supplement the water the laundry has absorbed.	6 • When the wash program ends, the buzzer will ring for 10 seconds before the Power goes off automatically.	• If water is already in the tub, or putting wet laundry into the tub before starting will increase the Water Level. • With lightweight bulky loads, Water Level can be set low. • Changes to Water Temperature (Hot/Cold) and wash level are possible during operation. ***(refer to page 14)***
4	6	7	• When setting the Water Level manually, do not set to Medium to prevent damage to laundry. • Washing with Hot water may damage the laundry (Water is set to cold automatically). Ensure that the load is under 2 kg. • In order to avoid damage to laundry, the spin cycle may appear slow. This also avoids wrinkles and clothing may still contain some water. This is normal
4	6	7	• When static pressure of water is more than 2 kgf./cm².
4	6	7	
4	6	7	

Washing Course

Washing Course		Add the laundry		Add the detergent
Silent Use this Course to quietly in Silent especially during late night and dawn.			 • Select the **Silent** Course on the Control panel.	 • Add the appropriate quantity of Detergents as indicated by the Water Level next to **Water Detergent**. Or follow the Detergent manufacturer's instructions
Pre Wash+ Normal Pre Wash+ Washing laundry with Normal cycle that pretreats immediate stain without Hand - wash could be smelled badly without prompt laundry			 • Select the Pre Wash+ Normal Course on the Control Panel.	 • Add the appropriate quantity of Detergent as indicated by the Water Level. Or follow the Detergent manufacturer's instructions

START/PAUSE	Close the lid	Finish	Caution & Note
4	6	7	• Silent course take longer washing time than Normal program • To reduce noise in spinning, spin rmp is lower than normal spinning rpm. So the laundry has more moisture than normal.
5	6	7	

Soak Wash

Use this mode to wash normal clothes or thick and heavy clothes which are excessively dirty. soak mode can be used with Normal , Duvet , Silent , Extra Clean Program

1 Press the **POWER** button to turn power on.



2 Press the **Program** button to select the washing course



- Soak will not work in Wool and Quick wash, Pre Wash + Normal Tub Clean Program

3 Press the **Wash** button, to select **Soak** course.

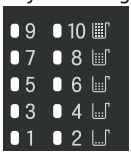


- Press the Wash button until the light turns on 'Soak' and 'Wash' simultaneously as next image.

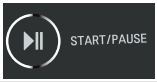


4 Add the Detergent

- The appropriate quantity of Detergent marked next to the Water Level



5 Add the laundry and press the **START/PAUSE** button



- The **Water Level** will be shown and water will be supplied.

6 Close the lid.

- Water will be supplied after the start of the wash to supplement the water the laundry has absorbed. (water supply time depended on water level)

Finish

- When the wash Course ends, the buzzer will ring for 10 seconds before the Power goes off automatically

Tub Clean

If scrub is allowed to build-up in the machine it can result in stains on your clothes or unpleasant smell in your washer. Scrub is the way build-up that can occur within any washer when the fabric softener comes into contact with Detergent, and according to particular degree of dirtiness or quality of water to be use, in these case, use this Program to clean inner tub and outer tub.

1 Press the **POWER** button to turn power on.

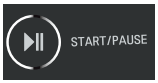


2 Press the **Program** button to select the **Tub Clean** Program.



※ Ex-Large Water is set automatically.

3 Press the **START/PAUSE** button.



- Left time is displayed.

4 After 10 minutes of water supplement. Add the oxygenated bleach (about 300 ml).

- Do not use the Detergent box.
- Do not place any laundry inside tub.

5 Close the lid.

- When the lid is open the machine will not operate, and chime sound will remind you to close the lid.

NOTE

- Before using this Course remove lint inside lint filter.
- When using this Course, do not place any laundry inside tub.
- After using this Course, remove dirt inside filter.
- After finishing this Course, open the lid of wash to remove irritant odor.
- Do not pour bleach into the tub directly. It might cause damage the tub.
- Do not leave diluted oxygenated bleach inside tub for long time.
- It rusts the tub must drain the remained diluted oxygenated water out.
- Use this Course once for every month.
- Do not use this Course repeatedly.

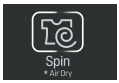
Air Dry

Air Dry for your laundry.

1 Press the **POWER** button to turn power on.



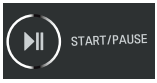
2 Press the **Air Dry** button to select the desired timing.



Press Spin for 3 seconds to select Air Dry

- Other function cannot be selected during Air Dry.
- Automatically set to 30 minutes upon selection.
- Press Spin button again to select duration (30 min. ▶ 60 min. ▶ 90 min. ▶ 120 min.)
- To deselect Air Dry press power button.

3 Press the **START/PAUSE** button.



4 Close the lid.

NOTE

- Select "Air Dry" 30 min.
  - Use this mode to keep inner tub from getting moldy caused by remaining moisture.
  - Do not place any laundry inside tub.
  - Use this mode once a week.

Caution) For better performance, put drain hose down to the floor so that water inside will be completely drained out.

- Select "Air Dry" above 1 hour
  - Use this mode to reduce the drying time by minimizing remaining moisture on the laundry.
  - In general, this is very effective on synthetic items(100% polyester).
  - Do place laundry which is evenly distributed(Under 2 kg.).
  - For normal clothes : Select 1 hour.
  - For synthetic items (100% polyester): Select 2 hours or 3 hours(on some models)

Option Washing

When you only need the Wash , Wash/Rinse or Rinse cycles , these can be set manually.

1 Press the **POWER** button to turn power on.



2

Only Wash	Only Rinse	Only Spin
Press the button, select the desired timing of wash.	Press the buttons, select the desired times of rinse.	Press the button **Spin** to select the desired times of Spin.
1)Select Lamps On 2)select Lamps Off 3)Select Lamps Off	Lamps Off **1)select Lamps On** 2)Select Lamps Off	Lamps Off Lamps Off **1)Select Lamps On**

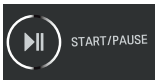
Only Wash,Rinse	Only Rinse,Spin	Only Drain
Press the button to select the desired timing of wash, rinse.	Press the button , select the desired timing of rinse, spin.	When you want to only drain, wait until the water in the washing tub drains completely.
1)Select Lamps On **2)select Lamps On** 3)Select Lamps Off	Lamps Off **1)select Lamps On** **2)Select Lamps On**	

3 Press the **Water Level** button, to control the water level according to the amount of laundry. If you do not choose anything, it is set the middle water level automatically



4 Add the laundry into the washing tub.

5 Press the **START/PAUSE** button.



6 Add the detergent and close the lid.

NOTE

- **When a Wash or Rinse only option** is selected, after the wash is completed the water will not be drained off. If you wish to drain the water, press SPIN button and wait until water in the tub has drained completely. Then press the **START/PAUSE** button.
- **If you do not specify the water level**, then Medium will be automatically selected.
- If only Rinse is selected, the process will start from Water Supply.

Delay Start (Reservation) Wash

Delay Start (Reservation) Wash is used to delay the finishing time of the operation.
The hours to be delayed can be set by the user accordingly.
The time on the display is the finishing time, not the start time.

1 Press the **POWER** button to turn power on.



2 Press the **Program** button to select the washing Program.



- Select the Program for laundry on the Control panel.
  This Program will not work in Wool and Tub Clean Program

3 Press the **Delay (Reservation)** button.



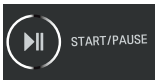
- The light will 'Delay' turn on and 'Time Left' 13:00 will be marked.
- Press the button repeatedly to set the desired finishing time. For example, To finish washing in 9 hours from now, By make the number 9:00 pressing the **Delay** button repeatedly.

(RES. = Delay) 13:00 ➡ 9:00

4 Add the Detergent.

- The appropriate quantity of Detergent marked next to the Water of Water• Detergent.
- When the lid is open the machine will not operate, and an alarm signal will remind you to close the lid.

5 Add the laundry and press the **START/PAUSE** button.



- When you press the START/PAUSE button the light will blink.

6 Close the lid.

- Reservation lamp will blink and remain time will be displayed

Finish

- The washing will be finished according to the delayed time.

NOTE

- Finishing time can be delayed from 3 ~ 18 hours. Delaying 3 ~ 12 hours can be done in 1 hour time intervals and from 12 ~ 18 hours in 2 hour time intervals.
- If the lid is open, the machine will not work, and an alarm signal will alarm to remind you to close the lid.
- To select washing time, rinsing times, spinning time, water level, hot/cold or wash power manually, press the Delay Start (Reservation) button and select the desired option. Then press the START/PAUSE button.
- When the laundry cannot be taken out immediately after the wash program ends, it is better to omit the spinning program. (The laundry will be wrinkled if left for a long time after spinning.)

Other Useful Functions

Child Lock Function

If you want to lock all the keys to prevent settings from being changed by a child, you can use the child lock option.

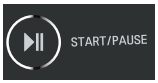
How to Lock

1 Press the **POWER** button



- Turn Power on.

2 Press the **START/PAUSE** button to start washing.



- After all washing conditions are set according to the manual.

3 Press both the **Rinse** button and hold 3 seconds to select Child lock.



- During the wash Course, all the buttons are locked until washing is completed or it is child-lock function is deactivated manually.

How to Unlock

If you want to unlock during wash, press both the **Rinse** and hold 3 Seconds again.

NOTE

- "CL" & the remaining time are alternatively shown on the display while they are locked.

Beeper Option (For only 1 valve)

If you want to use the washing machine without alarm signal sounds, press Beeper buttons allow you to select : High Off Low High respectively. Default setting is High.

To make buzzer work, press both the Beeper buttons simultaneously one more time.

Seeing Remaining Time

To see the remaining time for each process, press one of the **Wash, Rinse** and **Spin** buttons.

The remaining time for each process will appear for about 1 second.

Placing and Leveling

Please ensure that transit restraint has been removed before operating your machine.

1 Place the machine on a flat and firm surface which allows proper clearance.

We suggest a minimum clearance of 2 cm to the right side and left sides of the machine for ease of installation. At the rear, a minimum clearance of 10 cm is suggested.



NOTE

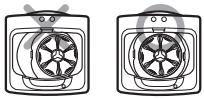
If the washer is installed on a uneven, weak or tiled floor causing excessive vibration, spin failure or "UE" error can happen to it.

It must be placed on a firm and level floor to prevent spin failure.

2 Check that the machine is level

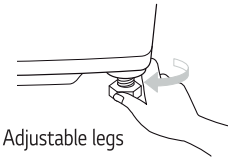
Open the lid and look from above to see if it is same as shown.

Top view of machine

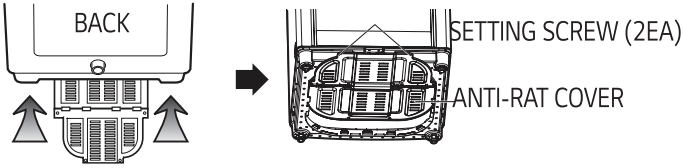


3 Leveling the machine

Lift the front of the washing machine and twist the Adjustable Leg until washing is placed evenly.



* Installing the Anti-Rat Cover (option) Insert the anti-rat cover to be firmly fixed from the back or front of washing machine and screw it.



⚠ Caution

If the power is supplied from a cord extension or generator, the cord extension set or electrical portable outlet device should be positioned so that it is not exposed to splashing or ingress of moisture.

Connecting Water Supply hose

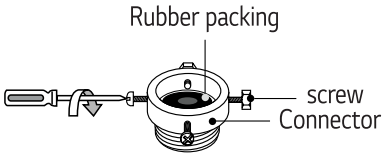
Before connecting the Water Supply Hose to the water tap, check the hose type and then choose the correct instruction here under.
Note that the Water Supply Hose supplied may vary from country to country, Make sure to connect the blue inlet hose to the COLD water tap, and the orange inlet hose to the HOT water tap.

Connecting Water Supply Hose to water tap

Normal Type (Normal tap without thread & screw type inlet hose.)

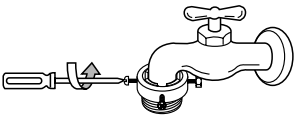
1 Untighten the screw.

Untighten the screw of the connector so that the tap can be placed in the middle.



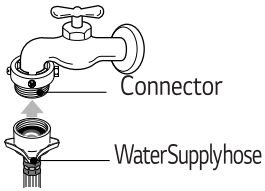
2 Fixing the connector to the tap.

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



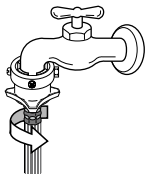
3 Attach the water supply hose securely to the connector.

Push the water supply hose vertically upwards so that the rubber seal within the hose can adhere completely to the tap.



4 Fixing the connector to the water supply hose.

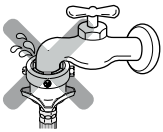
Attach the water supply hose to the connector and then tighten it by screwing it to the right.



5 Check the connection of water supply hose and the connector.

After connecting the hose, open the tap to check for any water leakage.

If the water leaks, close the tap and start again from step 1



NOTE

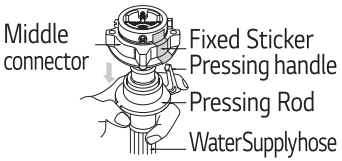
The washing machine is to be connected to the water mains using new hose-sets and old hose-sets should not be reused.

Connecting Water Supply hose

Normal Type (Normal tap without thread & one touch type inlet hose.)

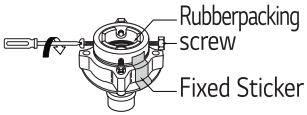
1 Separate Middle connector from Water Supply Hose.

Separate Middle connector from the Water Supply Hose by pulling the Pressing Rod and the Pressing Handle that is attached to the Water supply Hose.



2 Loosen the fixed nuts to connect the connector to the tap.

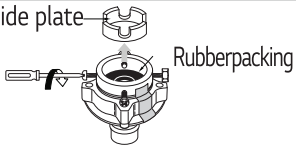
Untighten the screw of the connector so that the tap can be placed in the middle.



NOTE

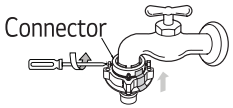
In case tap is too large.

If the tap diameter is too large or is square, untighten the 4 screws and remove the guide plate. Then follow step 1.



3 Fixing Connectors to the Tap.

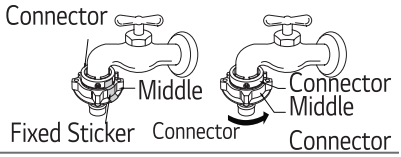
Push the upper connector up till the rubber packing is in tight contact with the tap. Then tighten the 4 screws.



4 Fixing Upper Connector and Middle Connector.

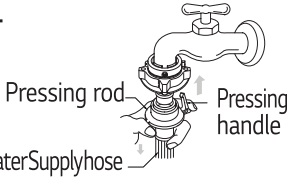
Remove the fixed sticker in between the Upper and Middle Connectors.

Tighten the connectors by holding one connector and twist middle connector to the right.



5 Connecting Middle Connector and Water Supply Hose.

Press down the pressing rod of the Water Supply Hose which was separated from middle connector (refer to Step 1) and then join it to the middle connector.



6 Check for water leakage.

After connecting the hose , open the tap to check for any water leakage.

If the connection leaks, close the tap and start again from step 1.

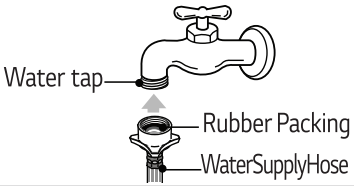
If you skip step 1, water leakage may occur.



Screw Type

1 Attach the water supply hose to the tap.

Push the water supply hose up so that the rubber packing within the hose can adhere completely to the tap



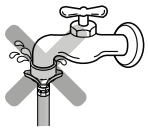
2 Connect the water supply hose to tap.

Connect the water supply hose to the tap and then tighten it by screwing it to the right.



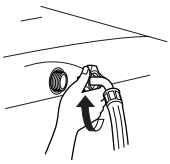
3 Check water leakage.

After connecting the hose, open the tap to check for any water leakage.

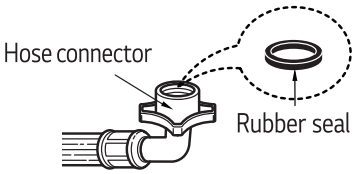


Connecting Water Supply Hose to the machine

- Connect the water supply hose to inlet valve of the washing machine, and then lock it by turning the hose connecting part.



- Check to see if there is rubber seal inside the connector.



Connecting Drain Hose

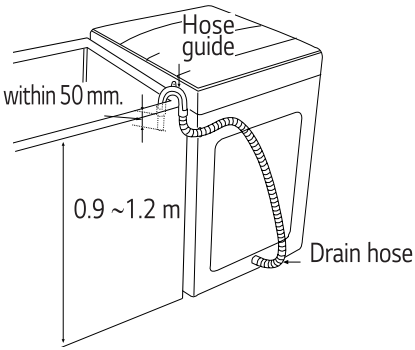
Before connecting drain hose, check your Drain Hose model and choose the correct instructions.

Pump Model

1 Fit the end of the drain hose to the outlet of the drain pump and tighten the clamp.



2 Put the other end of the drain hose over standpipe or wash tub.



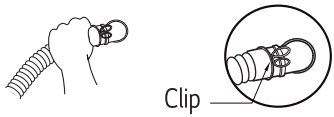
NOTE

- To Prevent siphoning, the drain hose should not extend more than 50 mm from the end of the hose guide
- The discharge height should be approximately 0.9 ~1.2 m from the floor.
- The hanging down drain hose might cause poor drainage.

Non-Pump Model

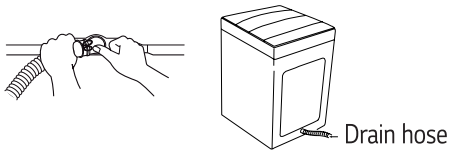
1 Before connecting

Ensure that the hose clip is set as indicated here.



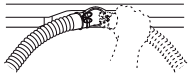
2 Connect the elbow hose

Push the elbow hose toward the body of the washing machine.



3 Place the Drain Hose

To change the direction of hose, pull put the elbow hose and change the direction Repeat Step 2.

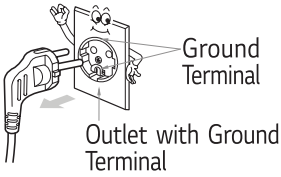


Grounding Method

Earth wire should be connected.
If the earth wire is not connected, there is possible a danger of electric shock caused by the current leakage

Grounding Method with Ground insert space Terminal

If the AC current outlet has a ground terminal, then separate grounding is not required. Note that AC power outlet configurations may differ from country to country.



⚠ Caution

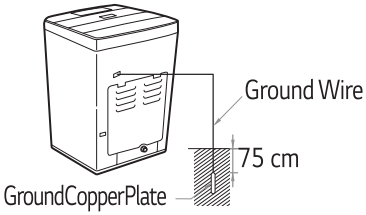
CAUTION concerning the Power Cord

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.

Other Grounding Method

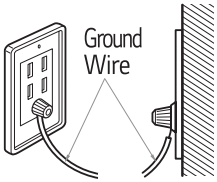
Buying Copper plate

Connect the Ground Wire to a Ground Copper plate and bury it more than 75 cm in the ground.



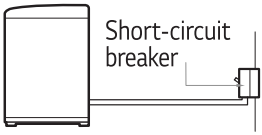
Using Ground Wire

Connect the ground Wire to the socket provided exclusively for Grounding.



Using a Short Circuit Breaker

If grounding methods described above are not possible, a separate circuit breaker should be employed and installed by a qualified electrician.



⚠ Caution

- To prevent a possible explosion, do not connect ground to a gas pipe.
- Do not connect ground to telephone wires or lighting rods. This may be dangerous during electrical storms.
- Connecting ground to plastic has no effect.
- Ground wires should be connected when an extension cord is used.

Cleaning and Maintenance

Cold water washing

- If you always use Cold water, we recommend that a Warm or Hot wash be used at regular intervals e.g. every 5th wash should be at least a Warm one.

When you have finished

- Turn off taps to prevent the chance of flooding should a hose burst.
- Always unplug the power cord after use.

When water supply into the tub is not clean or the filter is clogged with particles (such as sand), clean the filter in the inlet valve occasionally.

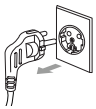
(The figure of power cord and water tap may vary according to the country)

To Clean the Filter in the Inlet Valve

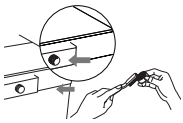
1 Close the tap before turning off the power. Hot/Cold (Warm) and then press the [START/PAUSE] button to briefly start a wash in order to completely remove all water pressure from the hoses.



2 Turn off the power before pulling out cord.



3 After removing the water supply hose pull out the filter. Then use a brush to clean the filter.



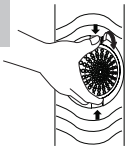
4 Replace the filter after cleaning it.



NOTE

- Before cleaning the filter, the impurities in the water supply hose should be removed.

To Clean the Lint Filter

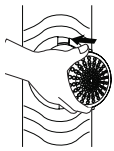
1 

2 

3 

4 

5 

6 

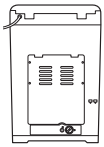
Do **NOT** rotate this filter as it pivots out along the bottom edge.

NOTE

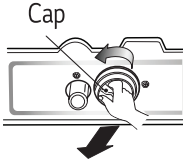
- If the lint filter is torn or damaged, purchase a new one from LG service center.

To Clean the Pump casting (for pump model)

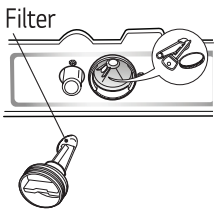
1 Place a towel on the floor under the drain pump cap. Excess water may flow out.



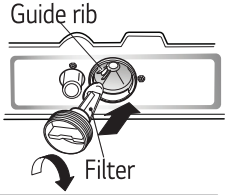
2 Turn the cap counter-clockwise and pull it out.



3 Remove any foreign objects and fluff inside pump casing and from the filter



4 Replace the cap. Insert the filter along the guide ribs inside the pump casing. Filter must face the guide ribs inside pump casing and securely turn the cap clockwise



NOTE

- Check if water leaks after reassembling. (The Rubber ring is in the cap)

Cleaning and Maintenance

When there is a fear of freezing

- Close the water taps and remove the Water Supply Hose.
- Remove the water which remains in the water supply.
- Lower the drain hose and drain any remaining water left in by spinning

If frozen

- Remove the water supply hose, and immerse it in Hot water at approx.. 40°C.
- Pour approx.. 2 liters of Hot water at approx.. 40°C, into the bowl and let it stand for 10 minutes.
- Connect the water supply hose to the water tap and confirm that the washing machine performs the supply and drainage of water.

Wash Inner-tub	Leave the lid open after washing to allow moisture to evaporate. If you want to clean the inner-tub use a clean soft cloth dampened with liquid Detergent, then rinse. (Do not use harsh or gritty cleaners.)
Inlet Hoses Exterior	Hoses connection washer to faucet should be replace every 5 years. Immediately wipe off any spills. Wipe with damp cloth. Try not to hit surface with sharp objects. Do not use stain removal sprays or agents on, near or next to the machine. Doing so can damage the machines finish and cause corrosion
Long Vacations	Be sure water supply is shut off at the tape. Drain all water from hoses if weather will be below freezing.

Cleaning the Inside of your Washer

If you use fabric softener or do regular Cold water washing, it is very important that you occasionally clean the inside of your washer.

- Fill your washer with Hot water.
- Add about two cups of powder detergent that contain phosphate
- Let it operate for several minutes.
- Stop the washer, open the lid leave it to soak overnight.
- After soaking, drain the washer and run it through a normal cycle.

Or use Tub Clean Course periodically.

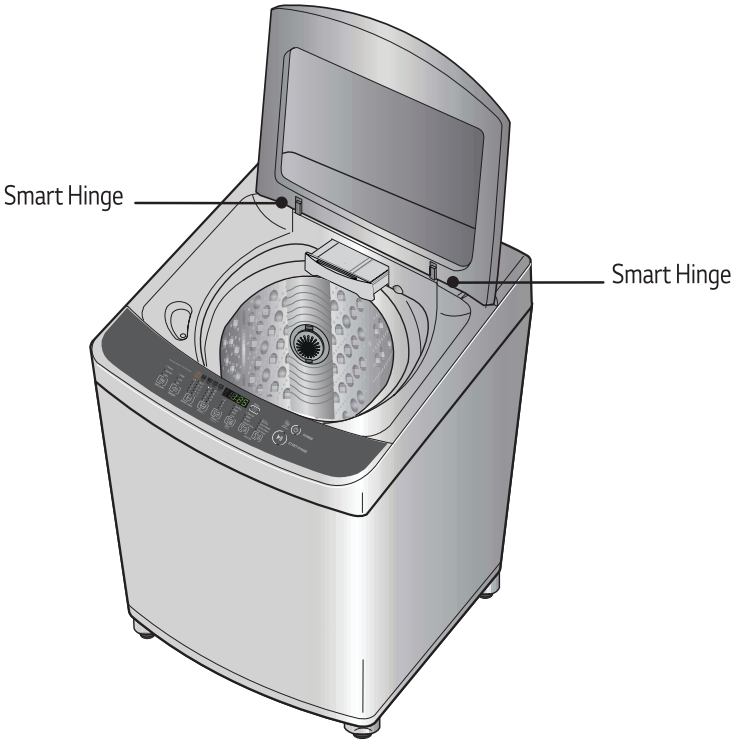
We do not recommend that you wash clothes during this procedure.

Products that might damage your washing machine

- Concentrated bleaches and diaper sanitizer will cause damage to the paint work and components of your washer.
- Hydrocarbon solvents i.e. petrol, paint thinners and lacquer thinners, etc. can dissolve plastic and blister paint (Be careful when washing garments stained with these solvents as they are flammable DO NOT put them in washer or dryer without presoaking and rinsing them first.)
- Some pretreatment sprays or liquids can damage your washer's control panel.
- Use of dyes in your washer may cause staining of the plastic components. The dye will not damage the machine but we suggest you thoroughly clean your washer afterwards. We do not recommend the use of dye strippers in your washer.
- Do not use your washer lid as a work surface.

Soft safety Door

- Using tempered glass, inside can be seen while washing and safety is guaranteed.
- To prevent sudden close of door, it uses smart hinge so the door closes softly.
- Door is heavy. Be careful not to be caught in hand or other material. It might cause injury or damage product.



Common washing problems

Many washing problems involve poor soil & stain removal, residues of lint and scum, and fabric damage. For satisfactory washing results, follow these instructions.

WASH PROBLEM

Problems	Possible Causes	Solutions & Preventive Measures
Poor soil Removal	• Not enough Detergent • Wash Water temperature too low. • Overloading the washer • Incorrect wash cycle • Incorrect sorting • Do not pretreated stain	• Use correct amount of Detergent for load size, amount of soil and water Hardness. • Use Warm or Hot water for normal soil. Different Water Temperature may be required according to soil type. ***(Refer to page 10)*** • Reduce load size. • Wash with Duvet or PreWash+Normal or Soak & Duvet wash cycle for heavy soiled laundry. • Separate heavily soiled items from lightly soiled ones. • Pretreat stain and heavy soil according to directions shown on Page 9
Blue Stains	• Undiluted fabric softener dispensed directly onto fabric	• Rub the stain with bar soap. Wash. • Do not overfill fabric softener dispenser and do not pour liquid fabric softener directly onto fabric. See page 12 for more instructions.
Black or gray marks on clothes	• A buildup caused by the interaction of fabric softener and Detergent can flake off and mark clothes • Not enough Detergent	• Keep the recommendations against Scrub (waxy buildup).(refer to scrub page 12.) • Use correct amount of Detergent for load size, amount of soil and water Hardness.
Yellow or brown rust stains	• Iron or manganese in water supply, water pipes, or waster supply, water heater	• To restore discolored load of whites, use rust remover safe for fabric. • Install non precipitating water softener or an iron filter in your water supply system for an ongoing problem. • Before washing, run water for a few minutes to clear lines.
Lint	• Incorrect sorting • Tissues left in pocket • Overloading the washer	• Wash lint givers eg towels, flannelette, sheets, separately from lint collectors eg synthetic fabrics and remove tissues in pockets before wash. See page 9 for sorting and caring before loading. • Do not overload the washer
Residue or Detergent	• Overloading the washer • Un dissolved Detergent • Use too much Detergent	• Do not overload the washer. • Some Detergents need to be per-dissolved, check the Detergent instructions. Try pre-dissolving the Detergent. • Increase Water Temperature using HOT water safe for fabric. • Use proper amount of Detergent.
Holes, tears, Or snags	• Incorrect use of chlorine bleach. • Unfastened zippers, hooks, buckles • Ribs, tears and broken threads • Overloading the washer • Degradation of fabric	• Never pour chlorine bleach directly on fabric. See page 11 for adding liquid bleach. • Fasten zippers, hooks, and buckles. • Remove objects in pockets. See page 9 for caring before loading. • Do not overload the washer.

Troubleshooting

Before calling for service, check the problem against the list below.

Symptom	Error Message	Check up
Water Supply Failure		• Is the water tap shut off ? • Is the water supply cut off ? • Is the tap or water supply hose frozen ? • Is the water pressure low or is the filter of the inlet valve clogged with impurities ? • Is the Hot hose connected to cold ? • Is the Cold hose connected to hot ?
Drainage Failure		• Is the drain hose positioned correctly ? • Is the drain hose bent or placed too high? • Is the internal part of the hose or drain pump (only pump model) clogged with impurities ? • Check if electric power has gone off.
Spin Failure		• Is the laundry evenly balanced ? • Is the washing machine placed on a flat surface ?
Door(Lid) Open		• Is the lid closed ?
Internal sensing failure		• Please call nearest LG Electronics service center for help.
Overflow failure		
		

SmartDiagnosis™

1 Close the washer door, and press the **POWER** button.

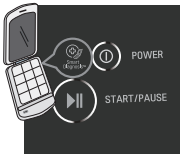


- If you manipulated other button or dial before pressing Temp. button, turn off the power and start again from the beginning.

2 Place the phone to **SmartDiagnosis™** display.



- Make sure that the speaking side of the phone to face **SmartDiagnosis™** display

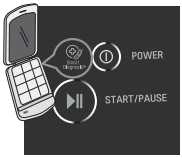


3 Long press **Temp.** button to activate smart diagnosis.

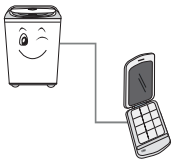


- Place the phone near the **SmartDiagnosis™** Display, and long press Temp. button until tak tak tak sound.

Note : Before pressing the Temp. should turn the power button for reuse if you have made other operations. If under the condition " CL" uninstall it, and reconnect the power



4 Hold the phone while data is transmitted.



- Keep placing phone to **SmartDiagnosis™** display while data for smart diagnosis is being transmitted. The time remaining for data transmission will be displayed on screen.
- Transmission sound may be irritating. For proper diagnosis, do not take off the phone. You can press power button to stop diagnosis function and the sound.

5 After the data transmission is completed, listen to the diagnosis result from the consultant.



- When data transmission is completed, the power is automatically turned off with “End” display after a few seconds.

NOTE

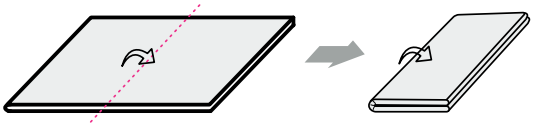
Smart Diagnosis is a troubleshooting feature designed to assist, not replace, the traditional method of troubleshooting through service calls, The effectiveness of this feature depends upon various factors, including, but not limited to, the reception of the cellular phone being used for transmission, any external noise that may be present during the transmission, and the acoustics of the room where the machine is located. Accordingly, LG dose not guarantee that smart Diagnosis would accurately troubleshoot any given issue.

Blanket Folding Method

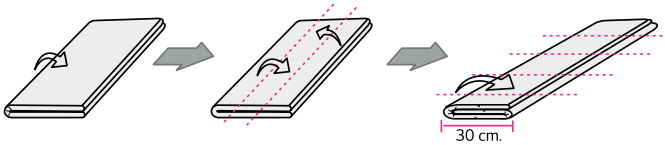
The blanket and Large size cloth washing method

The Clothes should not exceed 160x200 cm (Width x Length)

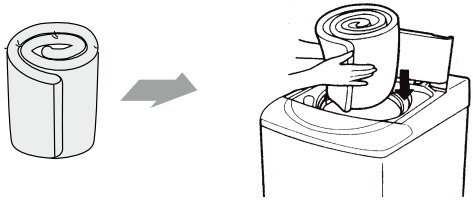
1 Fold the blanket in half along the length.



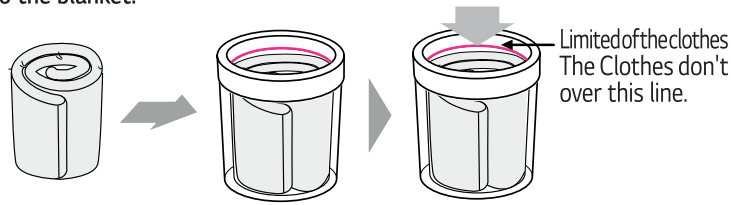
2 Fold the blanket into 3 parts, by a left-width around 30 cm.



3 Roll the blanket before put in the tub.



4 When input the clothes in the tub, the clothes should not over balance lower otherwise, it may cause damage to the blanket.



Specification



Model	T1766NEFTF T1766NEFT	T1566NEFTC T1566NEFTFC
Capacity	17.0 kg	15.0 kg
Power Supply	230 V~, 50 Hz	
Rate Input	200 W	
Water tap pressure	30 - 800 kPa (0.3 - 8.0 kgf / cm^2)	
Weight	44.5 kg	
Size	632 (W) x 670 (D) x 1020 (H) mm.	

*In our continuing effort to improve the quality of our appliances, it may be necessary to make changes to the appliance without revising this manual.

Memo

Memo

Memo

Memo



LG Electronics South Africa

Call an LG Support Representative on the toll free number :

☎ 0800 545454

Monday to Friday: 07h00 -21h00
Saturday: 08h00 -17h00
Sunday: 08h00 -16h00