



OWNER'S MANUAL WASHING MACHINE

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

WD14030FD

C contents

Contents.....2

Product features.....3

Warnings

Important safety instructions4

Save these instructions.....4

Safety instructions for use.....5

Specifications6

Installation

Removing packing7

Removing transit bolts7

Installation place requirements8

Connecting water supply hose.....10

Installation of drain hose12

Leveling.....13

How to use washer

Operating washing machine15

Care before washing.....16

Washing program table.....17

Extra options18

Operating data19

Control panel.....20

Additional program.....21

- Time Delay.....21

- Steam Wash21

- Intensive21

- Medic Rinse21

Options.....22

- Option22

- Spin.....22

- Temp.22

Other functions.....22

- Rinse + Spin22

- Spin Only22

- Dry Only22

Child Lock23

Beep On/Off.....23

Tub Clean24

Door Lock & Detecting24

Dry25

Thank you for buying a LG Fully Automatic Washing Machine.

Please read your owner's manual carefully, it provides instruction on safe installation, use and maintenance. Retain it for future reference.

Record the model and serial number of your washing machine.

Model No.

Serial No.

Date of Purchase

Adding detergent

Adding detergent and fabric softener ..27

Maintenance

The water inlet filter.....29

The drain pump filter30

Dispenser drawer31

The washing drum32

Cleaning your washer32

Cold conditions32

Troubleshooting guide

Diagnosing problems33

Error messages.....35

Product Features



■ Inverter Direct Drive system

The advanced Brushless DC motor directly drives the drum without belt and pulley.



■ Low noise speed control system

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



■ More economical with Intelligent Wash system

Intelligent Wash System detects the size of load and water temperature, and then determines the optimum water level and washing time to minimize energy and water consumption.



■ Built-in heater

Internal heater automatically heats the water to the best temperature on selected cycles.



■ Protection against creases

With the alternating rotation of the drum, creasing is minimized.



■ Child Lock

The Child Lock prevents children from pressing any button to change the settings during operation.

Warnings

READ ALL INSTRUCTIONS AND EXPLANATION OF THE INSTALLATION BEFORE USE



WARNING!

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

IMPORTANT SAFETY INSTRUCTIONS

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

- Before installation, check exterior damages. If it has, do not install.
- Do not install or store the washer where it will be exposed to the weather.
- Do not tamper with controls.
- Do not repair or replace any part of the washer or attempt any servicing unless specifically recommended in the user-maintenance instructions or published user-repair instructions that you understand and have the skills to carry out.
- Keep the area underneath and around your appliances free of combustible materials such as lint, paper, rags, chemicals, etc.
- The appliance is not intended for use by young children or infirm persons without supervision. Do not allow children to play on, with, or inside this or any other appliance.
- Keep small animals away from the appliance.
- Do not leave the washer door open. An open door could entice children to hang on the door or crawl inside the washer.
- Never reach into washer while it is moving. Wait until the drum has completely stopped.
- The laundry process can reduce the flame retardant of fabrics. To avoid such a result, carefully follow the garment manufacturer's wash and care instructions.
- 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, degreasers, dry-cleaning solvents, kerosene, etc.) which may ignite or explode. Oil may remain in the tub after a whole cycle resulting in fire during drying. So, do not load oiled clothes.
- Do not slam the washer door closed or try to force the door open when locked. This could result in damage to the washer.
- When the machine runs high temperature, the front door may be very hot. Don't touch it.
- 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.
- When unplugging power cord, do not pull out by grasping the cord. Otherwise, the power cord may be damaged.
- 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.
- Before discarding an old machine unplug it. Render the plug useless. Cut off the cable directly behind the appliance to prevent misuse.
- When a product was under water, Please call service center. There is a risk of electric shock and fire.
- Appliance connected to the water mains using new hose-sets. Old hose-sets should not be reused.
- To reduce the risk of personal injury, adhere to all industry recommended safety procedures including the use of long sleeved gloves and safety glasses. Failure to follow all of the safety warnings in this manual could result in property, personal injury or death.
- Do not push down the door excessively, when washer door open. This could topple over the washer.

SAVE THESE INSTRUCTIONS

GROUNDING INSTRUCTIONS

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

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

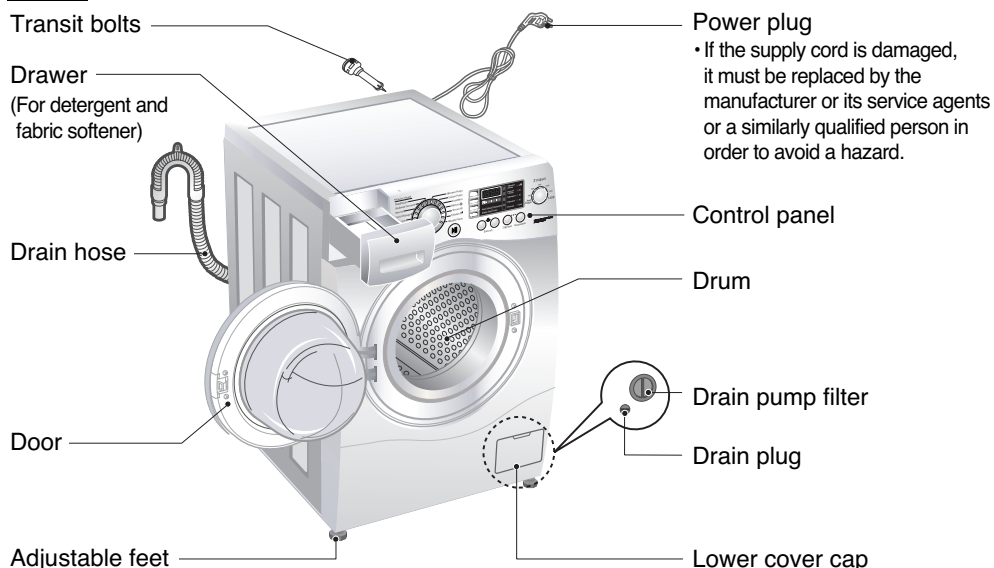
WARNING : Improper connection of the equipment-grounding conductor can result in electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the appliance is properly grounded. Do not modify the plug provided with the appliance - if it does not fit the outlet, have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

■ Safety instructions for use

Read all instructions and explanations of the installation before use. Follow the instructions carefully. Keep the operating instructions handy for later use. If the appliance is sold or passed on then ensure that the new owner always receives these operating instructions. The following warnings must be strictly observed for safety reasons. They must be read before installing the appliance and putting it into operation.

- Intended use: This appliance has been designed exclusively for use in dry-interior households. It has not been designed for use in commercial or industrial applications, (for example, Beauty salons Laundromats etc). Use the appliance only with cold drinking grade water and only for washing textiles with washing detergents designed for washing machines. Every other use is improper and may lead to injuries, whereby the liability of the manufacturer will cease.
- This appliance may only be used by adults. Do not allow children to touch the controls or to play with the product.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Never modify the appliance as this is dangerous.
- This appliance is heavy. Transport with care and ensure that the transit bolts are refitted during the machines delivery to any new location.
- Remove all packaging and transport bolts before using the appliance. Otherwise serious damage may result.
- All installation work must be carried out by a qualified fitter or technician.
- Have electrical connections done by a qualified electrician.
- Never place the appliance on the power cord.
- If the appliance is placed on a carpet then place the feet so that air can circulate underneath the appliance.
- Always unplug the machine and turn off the water supply after use. Disconnect appliance by pulling only the plug - never disconnect by pulling the power cord. Never touch the plug with wet fingers or hands.
- Do not overload the appliance.
- Wash only machine-washable textiles. If you have doubts regarding this, then observe the markings on the label.
- Never place electrical heaters, candles etc. in the vicinity of the appliance. They could cause the appliance to ignite or parts to warp.
- Protect the appliance from wet and damp. Otherwise, there is danger of electric shock and fire.
- Connect the appliance to a suitable wall socket for 240V. Never use an extension cord or double adapter.
- Empty all pockets. Hard or sharp objects such as coins, needles, nails, screws or stones may cause serious damage. Unbalanced mass may create heavy vibrations. If heavy vibrations remain also without load, call for an authorized customer service.
- Do not wash or dry articles that have been cleaned in, washed in, soaked in, or dabbed with combustible or explosive substances (such as wax, oil, paint, gasoline, degreasers, dry-cleaning solvents, kerosene, etc.). This may result in fire or explosion.
- Do not spray or use stain remover products near or directly on the machine as it can damage the machines finish.
- Never insert products coated with mineral oils (e.g. nylon coating, plastic belts, etc.) into the machine. If a stain remover has been used then make sure that the solvent has been carefully washed out before inserting the clothes into the appliance. Oil may remain in the tub after a whole cycle resulting in fire during drying.
- Do not operate the appliance at locations where flammable substances are present such as oil, benzene or highly inflammable gas. Such materials may cause fire or explosion. Never use combustible detergents.
- Only add the prescribed amount of softener. Excessive amounts may damage or stain the clothes.
- After washing, keep the drum door open to protect the door seal.
- There may be a danger of scalding.
- Animals and children may get into the washing machine. So always check the appliance before using it.
- During washing, the glass door becomes very hot. Keep children away from the appliance when in operation.
- Never try to repair the machine yourself. Incorrect repairs may result in injuries and/or serious defects to the machine.
- The product should be serviced and repaired only by the authorised customer service using original replacement parts.
- When disposing of your old machine, the power cable must be capped or cut off, and the door lock must be made unusable in order to protect children.
- When placing on a carpeted floor, make sure that the opening in the socket is not blocked.
- If the appliance has been under water then contact the customer service. Do not use the machine as it may impose an electric shock or fire hazard.
- The lower filter cover as well as the dispenser drawer may not be opened during the operation.
- Keep all washing powder and detergents away from children. There is a danger of poisoning.

S pecifications

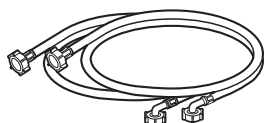


■ Name	: Front loading washing machine
■ Power supply	: 240 V~, 50 Hz
■ Size	: 600 mm(W) × 640 mm(D) × 850 mm(H)
■ Weight	: 73 kg
■ Max.Watt	: 2400 W (Wash) / 1700 W (Dry)
■ Wash capacity	: 8.5 kg (Wash) / 4.5 kg (Dry)
■ Water consumption	: 73 ℓ (8.6 ℓ / kg)
■ Permissible water pressure	: 100 ~ 800 kPa (1.0 - 8.0 bar)

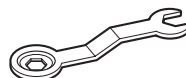
- The external hot water supply MUST NOT exceed 70 deg C
- Permissible cold water temperature : 4-25°C
- No further backflow protection required for connection to the water supply.
- The appearance and specifications may be varied without notice to improve the units quality.
- Specifications subject to change by manufacturer.

* The appearance and specifications may vary without notice to improve the quality of the unit.

■ Accessories



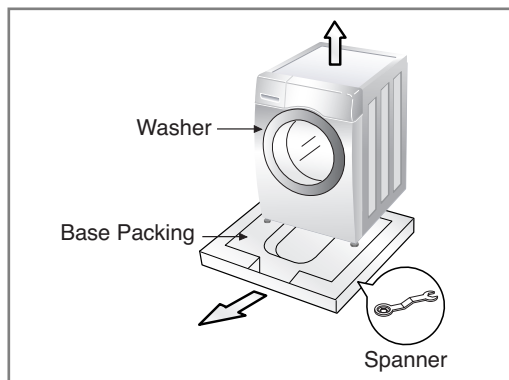
Inlet hose(1EA) ※ Option : Hot/Cold(2EA)



Spanner

I nstallation

■ Removing packing



1. Remove the cardboard box and styrofoam packing.
2. Lift the washing machine and remove the base packing.
3. Remove the tape securing the power supply cord and drain hose.
4. Remove the inlet hose from the drum.



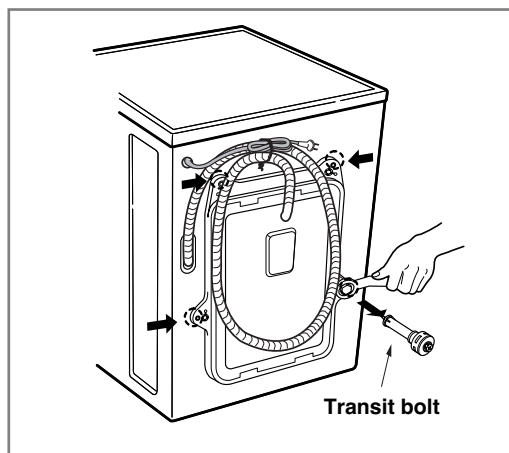
Keep the spanner provided for future use.

Warning

Packaging material (e.g. Films, Styrofoam) can be dangerous for children. There is a risk of suffocation !
Keep all packaging well away from children.

■ Removing transit bolts

To prevent internal damage during transport, the 4 special bolts are locked. Before operating the washer, remove the bolts along with the rubber bungs. If they are not removed, it may cause heavy vibration, noise and malfunction.



1. Unscrew the 4 bolts with the spanner supplied.
2. Take out the 4 bolts along with the rubber bungs by slightly twisting the bung.

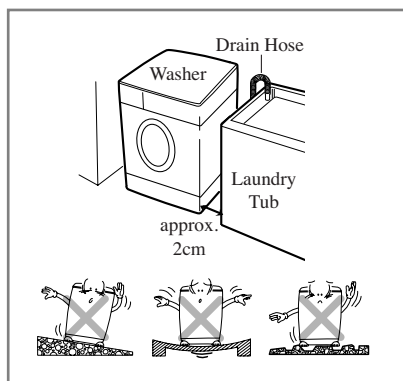


Keep the transit bolts for future use.

3. Close the holes with the caps supplied.

I nstallation

■ Installation place requirement



► Location

- **Level floor :**
Allowable slope under entire washer is 1°.
- **Power outlet :**
Must be within 1.5 meters of either side of location of washer. Do not overload the outlet with more than one appliance.
- **Additional Clearance :**
For Wall, 10cm:rear / 2cm : right & left side
Do not place or store laundry products on top of washer at any times.
They can damage the finish or controls.

► Positioning

- Install the washer on a flat hard floor.
- Make sure that air circulation around the washer is not impeded by carpets, rugs, etc.
- Never try to correct any unevenness in the floor with pieces of wood, cardboard or similar materials under the washer.
- If it is impossible to avoid positioning the washer next to a gas cooker or coal burning stove, an insulating (85x60cm) covered with aluminum foil on the side facing the cooker or stove, must be inserted between the two appliance.
- The washer must not be installed in rooms where the temperature can drop below 0°C.
- Please ensure that when the washer is installed, it is easily accessible for the engineer in the event of a breakdown.
- With the washer installed, adjust all four feet using the transit bolt spanner provided ensuring the appliance is stable, and a clearance of approximately 20mm is left between the top of the washer and the underside of any work-top.
- This equipment is not designed for maritime use or for use in a mobile installations such as caravans, aircraft etc.

I nstallation

► Electrical connection

- Do not use an extension cord or double adapter.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agents or similarly qualified person in order to avoid a hazard.
- Always unplug the machine and turn off the water supply after use.
- Connect the machine to an earthed socket in accordance with current wiring regulations.
- The appliance must be positioned so that the plug is easily accessible.
- Repairs to the washing machine must only be carried out by qualified personnel.
Repairs carried out by inexperienced persons may cause injury or serious malfunctioning.
Contact your local service center
- Do not install your washing machine in rooms where temperature below freezing may occur.
Frozen hoses may burst under pressure. The reliability of the electronic control unit may be impaired at temperatures below freezing point.
- If the appliance is delivered in the winter months and temperatures are below freezing : Place the washing machine at room temperature for a few hours before putting it into operation.

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 an 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.

CAUTION

The appliance is not intended for use by young children or infirm persons without supervision.

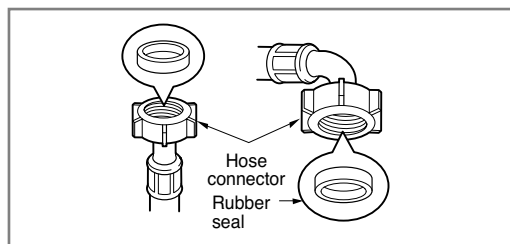
Young children should be supervised to ensure that they do not play with appliance.

I nstallation

■ Connecting water supply hose

- Water supply pressure must be between 100 kPa and 800 kPa (1.0 - 8.0 bar).
- Do not strip or crossthread when connecting inlet hose to the valve.
- If the water supply pressure is more than 800 kPa, a decompression device should be installed.
- Periodically check the condition of the hose and replace the hose if necessary.

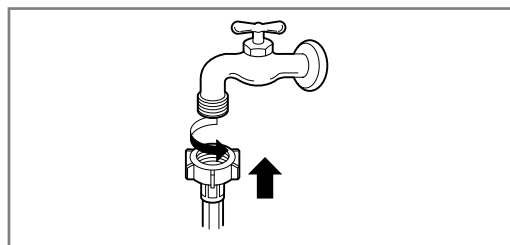
► Step1 : Check rubber seal inlet hose



- Two rubber seals are supplied with the water inlet hoses. They are used for preventing water leaks. Make sure the connection to taps is sufficiently tight.

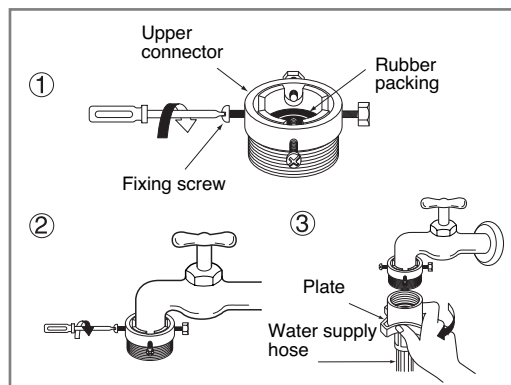
► Step2 : Connect hose to water tap

Type-A : Connecting Screw-type hose to tap with thread



- Screw the hose connector onto water supply tap.

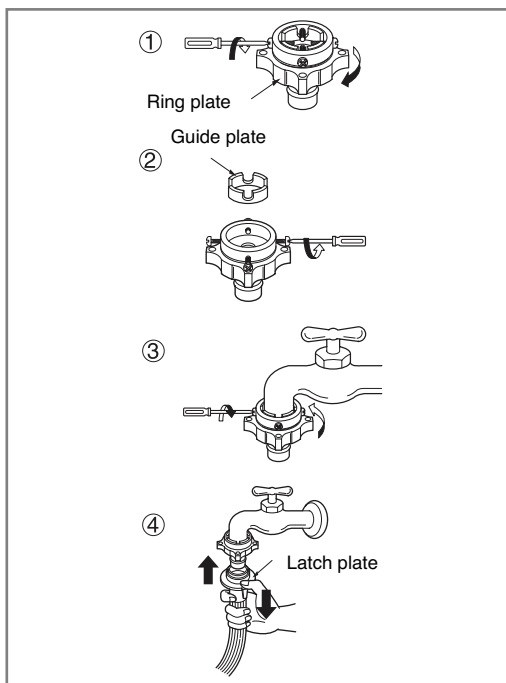
Type-B : Connecting Screw-type hose to tap without thread



1. Unscrew the adapter ring plate and the 4 adapter retaining screws.
2. Push the adapter onto the end of the tap so that the rubber seal forms a watertight connection. Tighten the adapter ring plate and the 4 screws.
3. Push the water supply hose vertically upwards so that the rubber packing within the hose can adhere completely to the tap and then tighten it by screwing it to the right.

I nstallation

Type-C : Connecting one touch type hose to tap without thread

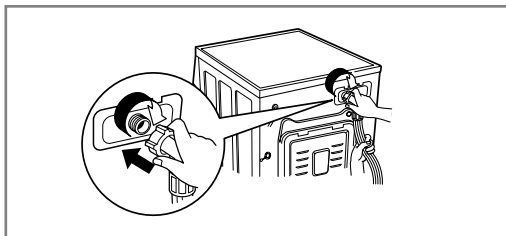


1. Unscrew the adapter ring plate and the 4 adapter retaining screws.
2. Remove the guide plate if the tap is too large to fit the adapter.
3. Push the adapter onto the end of the tap so that the rubber seal forms a watertight connection. Tighten the adapter ring plate and the 4 screws.
4. Pull the connector latch plate down, push the inlet hose onto the adapter, and release the connector latch plate. Make sure the adapter locks into place.



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

► Step3: Connect hose to washer



- Make sure that there are no kinks in the hose and that they are not crushed.

► When your washer has two valves.

- The Inlet hose which has red connector is for the hot water tap.
- If the washer has two valves, the energy is saved by using hot valve.



After completing connection, if water leaks from the hose, repeat the same steps. Use the most conventional type of faucet for water supply. In case the faucet is square or too big, remove the spacing ring before inserting the faucet into the adaptor.

Please use the horizontal tap

Horizontal tap



Extension tap

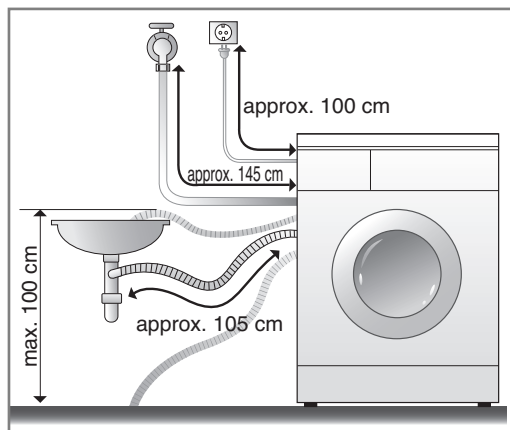


Square tap

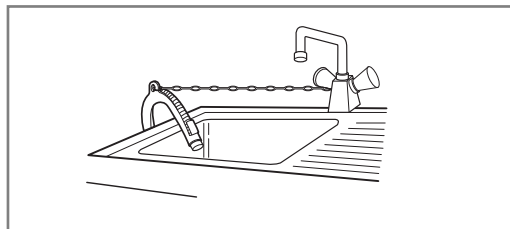


I nstallation

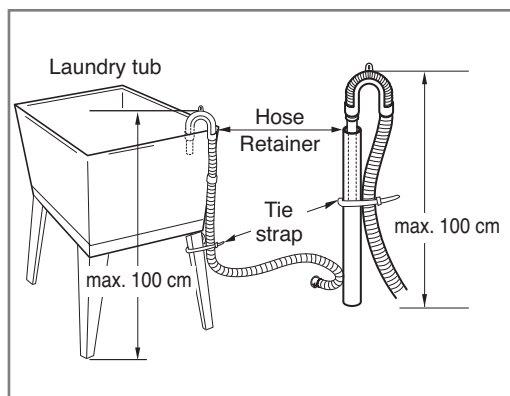
■ Installation of drain hose



- The drain hose should not be placed higher than 100 cm above the floor. Water in the washer does not drain or drains slowly.
- Securing the drain hose correctly will protect the floor from damage due to water leakage.
- If the drain hose is too long, do not force back into the washer. This will cause abnormal noise.

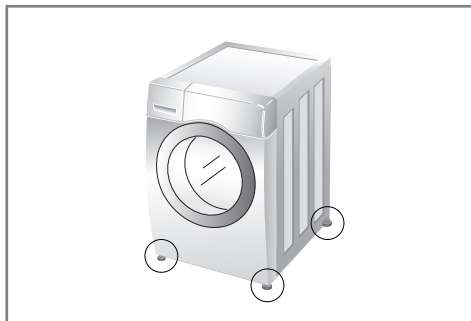


- When installing the drain hose to a sink, secure it tightly with string.
- Securing the drain hose correctly will protect the floor from damage due to water leakage.



I nstallation

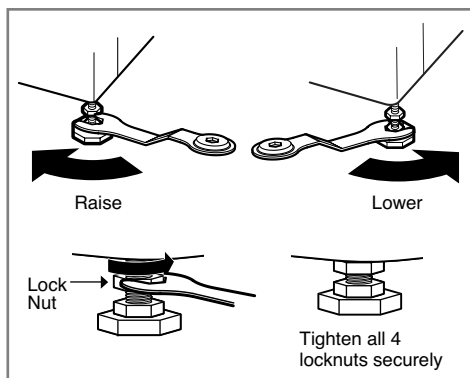
■ Leveling



1. Leveling the washing machine properly prevents excessive noise and vibration. Install the appliance on a solid and level floor surface, preferably in a corner of the room.



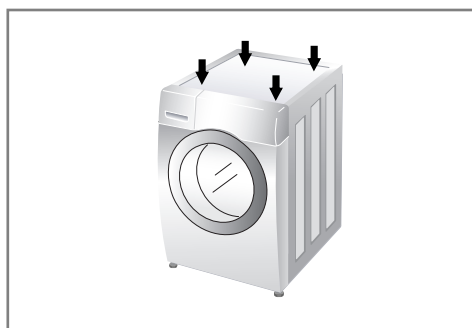
Timber or suspended type flooring may contribute to excessive vibration and unbalance.



2. If the floor is uneven, turn the adjustable feet as required. (do not insert pieces of wood etc. under the feet)

Make sure that all four feet are stable and resting on the floor and then check that the appliance is perfectly level. (use a spirit level)

- Once the washer is level, tighten the lock nuts up towards the base of the washer. All lock nuts must be tightened.



• Diagonal Check

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



If the washing machine is installed on a raised platform, it must be securely fastened in order to eliminate the risk of falling off.

I nstallation

► Concrete floors

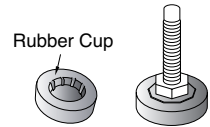
- The installation surface must be clean, dry and level.
- Install washer on a flat hard floor.

► Tile floors (Slippery floors)

- Position each foot on the Tread Mate and level the machine to suit. (Cut Tread Mate into 70x70 mm sections and stick the pieces on to the dry tile where machine is to be placed.)
- Tread Mate is a self adhesive material used on ladders & steps that prevents slipping.

► Wooden floors (Suspended floors)

- Wooden floors are particularly susceptible to vibration.
- To prevent vibration we recommend you place rubber cups under each foot under washer at least 15mm thick, secured to at least 2 floor beams with screws.
- If possible install the washer in one of the corners of the room, where the floor is more stable.
- Fit the rubber cups to reduce vibration.
- You can obtain the rubber cups (p/no.4620ER4002B) from the LG spares dept.



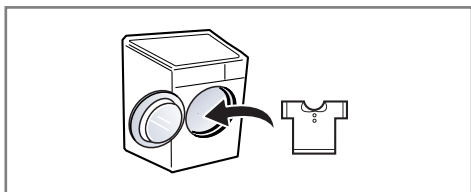
- Proper placement and levelling of the washer will ensure long, regular and reliable operation.
- The washer must be 100% horizontal and stand firmly in position.
- It must not “Seesaw” across corners under load.
- The installation surface must be clean, free from floor wax and other lubricant coatings.
- Do not let the feet of the washer get wet. If feet of the washer get wet, slipping may occur.

How to use washer

■ Operating washing machine



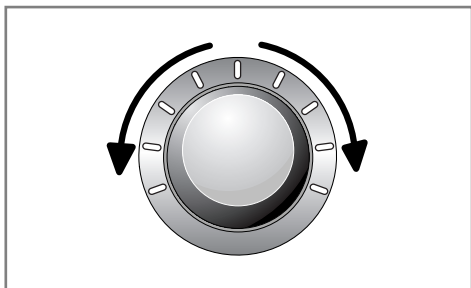
1. Sort Laundry.
(Refer to 16 page)



2. Open the door and load laundry.



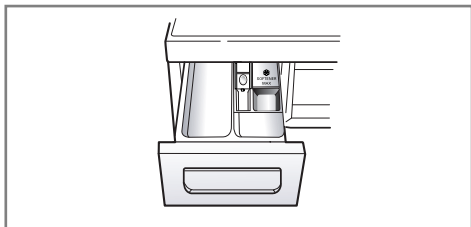
3. Press the Power button.



4. Select a Program.
(Refer to 17~19 page)

Select options at this time
(Refer to 22~26 page)

- Additional Program
- Temperature
- Spin Speed
- Other functions



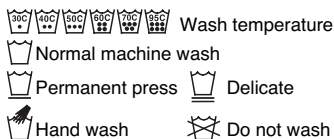
5. Add detergent.
(Refer to 27~28 page)



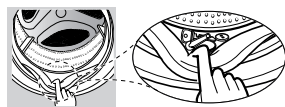
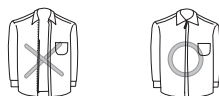
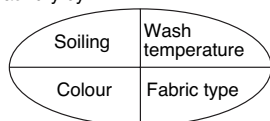
6. Press the Start/Pause button.

How to use washer

Care before washing



Sort laundry by...



1. 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.

2. Sorting

To get the best results, sort clothes into loads that can be washed with the same wash cycle.

Water temperature and spin speed and different fabrics need to be washed in different ways.

Always sort dark colors from pale colors and whites. Wash separately as dye and lint transfer can occur causing discolouration of white etc. If possible, do not wash heavily soiled items with lightly soiled one.

- Soil (Heavy, Normal, Light)
Separate clothes according to amount of soil.
- Color (White, Lights, Dark)
Separate white fabrics from colored fabrics.
- Lint (Lint producers, Collectors)
Wash lint producers and lint collectors separately.

3. Caring before loading

Combine large and small items in a load. Load large items first. Large items should not be more than half the total wash load. Do not wash single items.

This may cause an out-of-balance load. Add one or two similar items.

- Check all pockets to make sure that they are empty. Items such as nails, hair clip, matches, pens, coins and keys can damage both your washer and your clothes.
- Close zippers, hooks and strings to make sure that these items don't snag on other clothes.
- Pre treat dirt and stains by brushing a little detergent dissolved in water onto stains like collars and cuffs to help lift dirt.
- Check the folds of the flexible gasket (gray) and remove any small articles.
- Check inside of the drum and remove any item from a previous wash.
- Remove any clothing or items from the flexible gasket to prevent clothing and gasket damage.




Before the first wash, select a cycle (Cotton 60°C, add a half load of detergent) allow the unit to wash without clothing. This will remove residues and water from the drum that may have been left during manufacturing.

H

ow to use washer

■ Washing program table

- Recommended courses according to the laundry type.

Program	Description	Fabric type	Proper Temp.	Maximum Load
Cotton	Provides better performance by combining various drum motions.	Color fast garments (shirts, nightdresses, pajamas, etc) and lightly soiled white cotton (underwear).	40°C (Cold to 95°C)	Wash: Rating Dryer: 4.5 kg
Cotton Quick	Provides optimized washing performance with less energy consumption.	Lightly soiled clothing and small loads	40°C (Cold to 60°C)	Wash: Less than 7 kg Dryer: 4.5 kg
Synthetic	This cycle is suitable for casual shirts that do not need ironing after washing.	Polyamide, Acrylic, Polyester.		Wash: Less than 4.5 kg Dryer: 4.5 kg
Baby Care	Removes solid and protein stain and provide better rinse performance.	Lightly soiled baby wear.	60°C (40°C to 95°C)	
Allergy Care	Removes allergens such as house mites, pollen, and cat fur.	Cotton, underwear, pillow covers, bed sheets, baby wear.	60°C	
Quick 30	This cycle provides fast washing time for small loads and lightly soiled clothes.	Colored laundry which is lightly soiled fast.	30°C (Cold to 40°C)	Less than 2.0 kg
Hand Wash/ Wool 	Able to wash wool and hand wash item. (Please use detergent for machine washable wools).	Hand wash marked delicate and machine wash wool items.	40°C (Cold to 40°C)	
Delicate	This cycle is for delicate clothes such as underwear, blouse, etc.	Delicate, easily damaged laundry.	30°C (Cold to 40°C)	Less than 3.0 kg
Refresh	Removes wrinkles within 20mins with steam.	Cotton mixed, Polyester mixed Dress shirts, blouses.	No choice	Up to 3 Items.

How to use washer

- **Water Temperature:** Select water temperature to suit wash cycles.
Always follow garment manufacture's care label or instructions when washing.
- Set program at "Cotton 40°C + Intensive + Steam Wash + 1400rpm + Eco Dry" option for test in accordance or in conformity with AS/NZS 2442.2.
- For best washing results, we recommend to mix dry detergent with warm water.




The wool wash cycle of this machine has been approved by Woolmark for the washing of machine washable Woolmark products provided that the products are washed according to the instructions on the garment label and those issued by the manufacturer of this washing machine M0806.



Neutral detergent is recommended.

The wool cycle features gentle tumbling and low-speed spin for garment care.


■ Extra options

Program	Time Delay	Steam Wash	Intensive	Medic Rinse	Pre Wash	Rinse+ Spin	Rinse+	Normal+ Hold	Dry
Cotton	●	●	●	●	●	●	●	●	●
Cotton Quick	●	●	●	●	●	●	●	●	●
Synthetic	●	●	●	●	●	●	●	●	●
Baby Care	●	●	●	●	●	●	●	●	●
Allergy Care	●	●	●	●		●	●	●	●
Quick 30	●		●			●	●	●	●
Hand Wash/ Wool 	●		●			●	●	●	
Delicate	●		●			●	●	●	
Refresh			● *						

* : This option is automatically included in the cycle and can not be deleted.

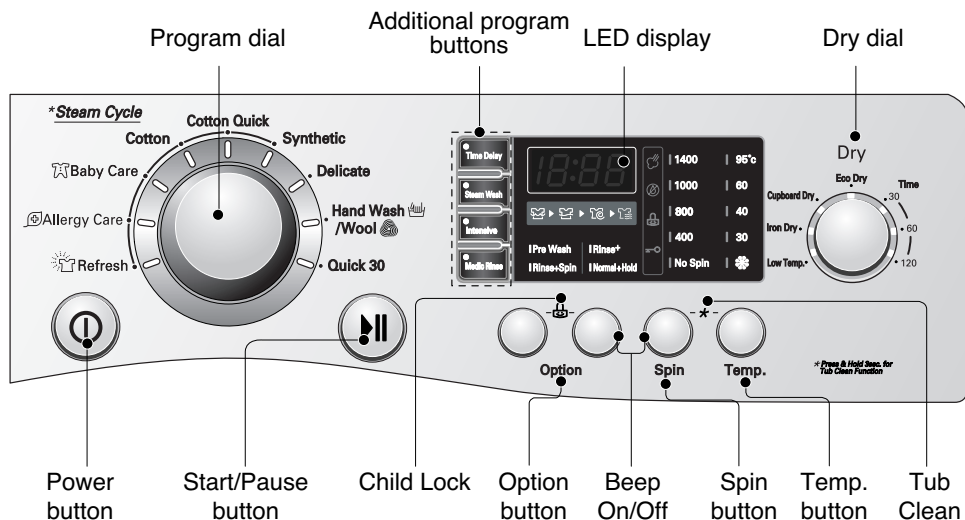
How to use washer

■ Operating data

Program	Max RPM
Cotton	1400
Cotton Quick	1400
Synthetic	1000
Baby Care	1000
Allergy Care	1000
Quick 30	1400
Hand Wash/ Wool 	800
Delicate	800
Refresh	1400

How to use washer

■ Control panel



Power

- Press the Power button to turn power on and off.
- To cancel the Time Delay function, the power button should be pressed.

Additional program

- Use these buttons to select the desired cycle options for the selected cycle.

Start/Pause

- This **Start/Pause** button is used to start wash cycle or pause the wash cycle.
- If temporary stop of wash cycle is needed, press the **Start/Pause** button.
- When in Pause, the power is turned off automatically after 4 minutes.

Program dial

- Programs are available according to the laundry type.
- Lamp will light up to indicate selected program.

LED display

- The display shows the settings, estimated time remaining, options, and status messages for your washer. The display will remain on through the cycle.

Options

- This allows you to select an additional cycle and will light when selected.

How to use washer

■ Additional program

Time Delay

You can set a time delay so that the washing machine will start automatically and finish after a specified time interval.



The delay time is the time to the end of the programme, not the start. The actual running time may vary due to water temperature, wash load and other factors.

1. Press the Power button.
2. Select a cycle.
3. Press the Time Delay button and set time required.
4. Press the Start/Pause button.

Steam Wash

Steam Wash features enhance washing performance with low energy consumption. Refresh cycle reduces creases in clothes.

1. Press the Power button.
2. Select steam course.
3. Press the **Steam Wash** button.
4. Press the Start/Pause button.

► Steam Wash

- For heavily stained clothes, underwear, or baby clothes.
- Available with the **Cotton, Cotton Quick, Synthetic, Baby Care, Allergy Care, Refresh** programs.
- Refresh cycle is always Steam Wash.
- Do not use Steam Wash for delicates such as wool, silk, and easily discoloured clothes.

Intensive

If the laundry is normal and heavily soiled, "Intensive" option is effective.

1. Press the Power button.
2. Select a cycle.
3. Press the Intensive button and set time required.
4. Press the Start/Pause button.

Medic Rinse

For best results or for cleaner rinsing. This allows the final rinse to be heated to 40 degrees.

1. Press the Power button.
2. Select a cycle.
3. Press the Medic Rinse button and set time required.
4. Press the Start/Pause button.

How to use washer

■ Options

Option

- **Pre Wash** : If the laundry is heavily soiled, "Pre Wash" course is effective.
- **Rinse+Spin** : This can be helpful in preventing fresh stains from setting in fabrics. This is a separate cycle.
- **Rinse+** : Add rinse once.
- **Normal+Hold** : The course is paused until start button is pressed again when rinse is finished.

Spin

- Spin Speed level can be selected by pressing 'Spin' button repeatedly.

Temp.

- By pressing the Temp. button the water temperature can be selected.
 - Cold (❁)
 - 30°C, 40°C, 60°C, 95°C
- Water temperature can be selected according to the program.

■ Other functions

Rinse+Spin

1. Press the Power button.
2. Select a cycle.
3. Press the Option button (Rinse+Spin light up).
4. Press the Start/Pause.

Spin only

1. Press the Power button.
2. Press the Spin button to select RPM.
3. Press the Start/Pause.

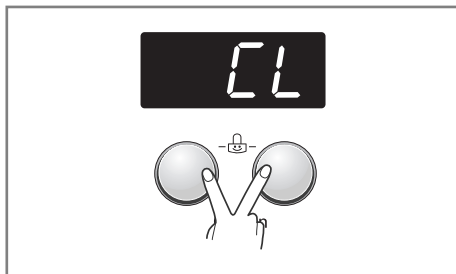
Dry only

1. Press the Power button.
2. Turn dry dial to select option.
3. Press the Start/Pause.

How to use washer

■ Child Lock

Select this function to lock the buttons on the control assembly to prevent tampering. "Child Lock" can be set only during the washing cycle.

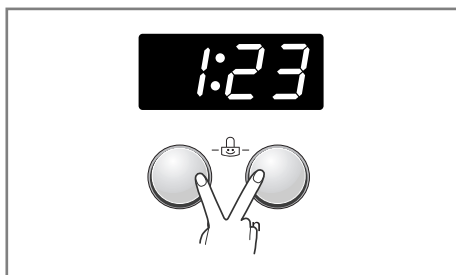


Locking the control panel

1. Press the Option buttons simultaneously for 3 seconds.
2. A beeper will sound, and 'CL' will appear on the LED display. When the child lock is set, all buttons are locked except the Power button.



Turning off the power will not reset the child lock function. You must deactivate child lock before you can access any other functions.

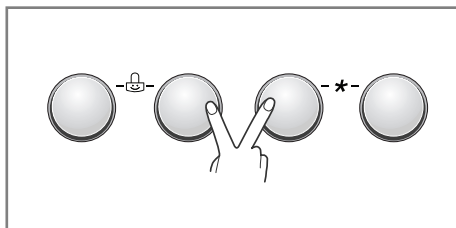


Unlocking the control panel

1. Press the Option buttons simultaneously for 3 seconds.
2. A beeper will sound and the remaining time for the current programme will reappear on the LED display.

■ Beep On / Off

The Beep on/off function can be set only during the washing cycle.



1. Press the Power button.
2. Press the Start/Pause button.
3. Press and hold the Option and Spin button simultaneously for three seconds to set Beep on/off function.

Once the Beep on/off function is set, the setting is memorized even after the power is turned off.



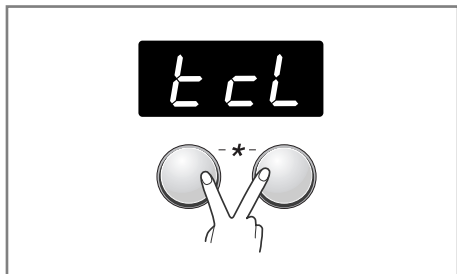
If you want to turn the Beeper off, simply repeat this process.

How to use washer

■ Tub Clean

Tub Clean is a special cycle to clean the inside of the washing machine.

A higher water level is used in this cycle at higher spin speed. Perform this cycle regularly.



1. Remove any clothing or items from the washer and close the door.
2. Open the dispenser drawer and add Anti limescale (e.g. Calgon) to the main wash compartment.
3. Close the dispenser drawer slowly.
4. Power On and then press and hold **Spin** and **Temp.** button for 3 seconds. then "tcl" will be displayed on the LED display.
5. Press the Start/Pause button to start.
6. After the cycle is complete, leave the door open to allow the washer door opening, flexible gasket and door glass to dry.

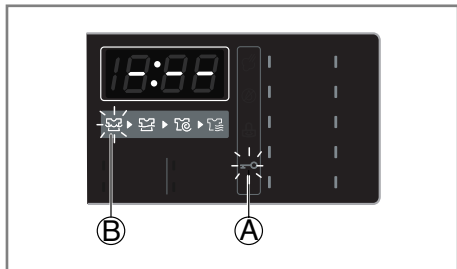


Do not add any detergent to the detergent compartments.
Excessive suds may generate and leak from the washer.

CAUTION

If there is a child, be careful not to leave the door open for too long.

■ Door Lock & Detecting



- ① **"Door Lock"** - For safety reasons, the door will lock while machine is in use and the "Door Lock" icon will light up. You can safely open the door after the "Door Lock" icon turns off.
- ② While **"Detecting"** is shown on the display the washing machine rotates slowly and detects how much laundry is loaded in the drum.
It will take a short time.

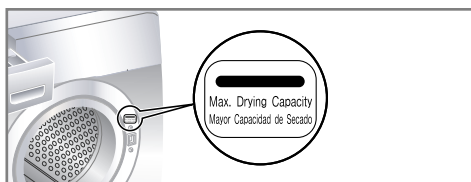
How to use washer



■ Dry

- Cold water tap must be left on during drying cycles.



The maximum drying capacity for this model is 4.5kg. When loading, please use the maximum drying capacity indicator behind the door as shown below.



- This washer-dryer's automatical process from washing to drying can be selected easily.
- For most even drying, make sure all clothes are similar in material and thickness.
- Do not overload dryer by stuffing too many articles into drum. Items must be able to tumble freely.
- After the end of dry, “ ” is displayed. “ ” operates for around 4 hours, but can be cancelled at any time by pressing the Start/Pause button. It's purpose is to reduce wrinkles in the event that the clothes are left in the machine after the wash & dry cycle has ended.







Drying Automatic guide

- Use the automatic Drying Cycles to dry most loads. Electronic sensors measure the temperature of the internal airflow in order to increase or decrease drying temperatures and drying time.
- If a load is not as dry as you like, complete drying using a time cycle.



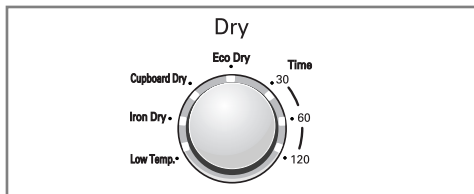
The Estimated drying time varies from the actual drying time when using the Auto Dry selections. The type of fabric, size of the load, and the dryness selected affect drying time.

- * The standard laundry weight which shows how much laundry to put into the washer.

Sorts of laundry			
Single weight	Diaper	Shirt	Short-sleeved
	100g	200g	300g
Sorts of laundry			
Single weight	Underwear	Nightclothes	Jean
	50g	500g	1200g

How to use washer

Drying Time Guide (Manual operation)



- By turning the Dry dial, the drying time can be selected.
- Drying course can last up to 150min. When selecting drying only, drying course will start after 15min spinning. The spin operation can be bypassed in a Dry only mode if it is not required by continually pressing the spin button until "no spin" appears.
- These drying times are given as a guide to help you set your dryer for manual drying. Drying times can vary greatly depending on dampness, room temperature and type of fabric and your own experience will be your best guide.
- Low Temp. : For Synthetics select
- Iron Dry : If you want to iron clothes
- Cupboard Dry : For Cottons select
- Eco Dry : A special cycle to reduce water usage during the dry cycle.
- Time (30/60/120 minutes)
 - 30 min : Cotton 1.5kg
 - 60 min : Cotton 3kg
 - 120 min : Towel 4.5kg
- Your dryer can handle a load of up to 4.5kg dry weight of articles.
- When loading, shake out each handful of clothes so that they can tumble freely. Items should not be loaded in a tangled condition, as this will lengthen the drying time.

Woolen Articles

- Do not tumble dry woolen articles. Pull them to their original shape, and Air dry them on a flat surface.

Woven and Loopknit Materials

- Some woven and loopknit materials may shrink, by varying amounts, depending on their quality.
- Always stretch them out immediately after drying.

Permanent Press and Synthetics

- Do not overload your dryer.
- Take out permanent press articles as soon as the dryer stops in order to reduce wrinkles.

Fibre or Leather Materials

- Always check the manufacture's instructions.

Baby Clothes and Night Gowns

- Always check the manufacture's instructions.

Rubber and Plastics

- Do not dry any items made from or containing rubber or plastics, such as:
 - a) aprons, bibs, chair covers
 - b) curtains and tablecloths

Fiberglass

- Do not dry fiberglass articles in your dryer. Glass particles left in the dryer could be picked up by your clothes the next time you use the dryer and irritate your skin.

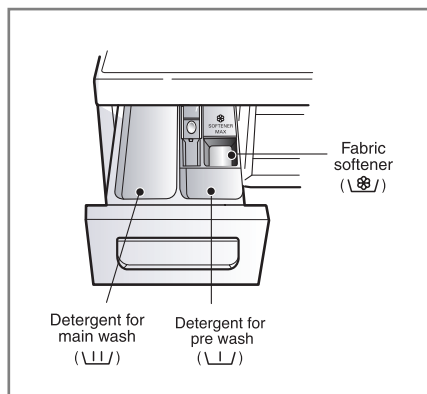
Completion of Drying

- When drying cycle is completed, "CD" [COOL DOWN] is displayed on the **Multi display**.
- The COOL DOWN begins automatically when a drying cycle is complete.
- The COOL DOWN function periodically tumbles, rearranges and fluffs the load to avoid wrinkles without heat for up to 4 hours.
- The COOL DOWN message will continue to display for 4 hours after the end of the Dry Cycle, or until the Start/Pause button is pressed.

A dding detergent

■ Adding detergent and fabric softener

► The dispenser drawer

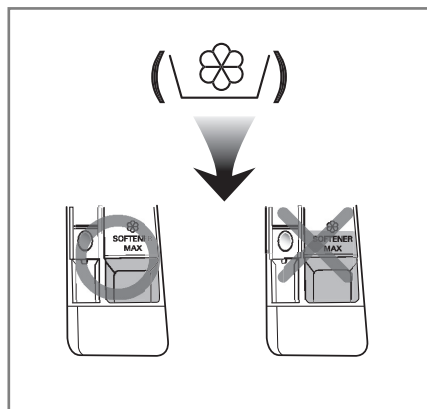


- Main wash only → \\|/
- Pre Wash + Main Wash → \\|/ • \\|/

Warning

Keep all washing detergents away from children as there is danger of poisoning. Too much detergent, bleach or softener may cause an overflow. Be sure to use the appropriate amount of detergent.

► Adding fabric softener



- Do not exceed the maximum fill line. Overfilling can cause early dispensing of the fabric softener which could stain clothes. Close the dispenser drawer slowly.
- Do not leave the fabric softener in the detergent drawer for more than 2 days. (Fabric softener could be harden)
- Softener will automatically be added during the last rinse cycle.
- Do not open the drawer when water is supplied.
- Solvents(benzene, etc) should not be used.



NOTE Do not pour fabric softener directly on the clothes.

Adding detergent

► Detergent dosage

- Please use the detergent according to the detergent manufacturer's guide.
- If too much suds is used, too many suds may be produced and this will decrease the washing performance.
- If there are too many suds, please reduce the detergent amount.
- The detergent amount may need adjusting according to water temperature, water hardness, load size and soil level. For best results, use the optimum amount of detergent as recommended by the detergent manufacturer.
- Use detergent recommended for front load washing machine.
- If you wish to use liquid detergent, follow guidelines provided by the detergent manufacturer.
- You can pour liquid detergent directly into the main detergent drawer if you are starting the cycle immediately.
- Please do not use liquid detergent if you are using 'time delay' as the liquid may harden, or if you have selected 'PRE-wash'.

Warning

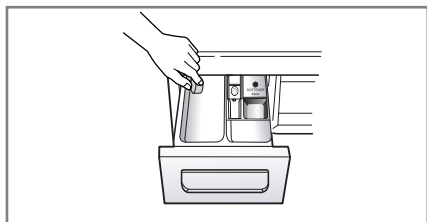
Do not let the detergent harden. Doing so may lead to blockages, poor rinse performance or bad odor.



- Full load : according to manufacturer's recommendation.
- Part load : 3/4 of the normal amount.
- Minimum load : 1/2 of full load.

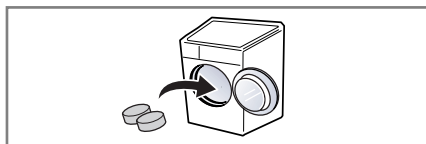
- Detergent is flushed from the dispenser at the beginning of the cycle.

► Adding water softener

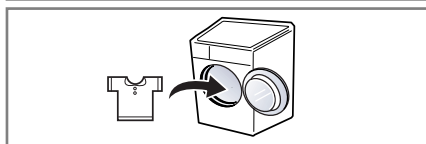


- A water softener, such as Anti-limescale (e.g. Calgon) can be used to cut down on the use of detergent in extremely hard water areas. Dispense according to the amount specified on the packaging. First add detergent and then the water softener.
- Use the quantity of detergent as for soft water.

► Using tablet



1. Open the door and put tablets into the drum.



2. Load the laundry into the drum and close the door.

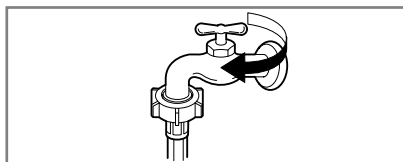
Maintenance

- Before cleaning the washer interior, unplug the electrical power cord to avoid electrical shock hazards.
- Turn off the stopcock if the machine is to be left for any length of time (e.g. holiday), especially if there is no floor drain(gully) in the immediate vicinity.

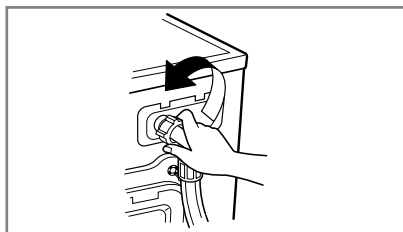
■ The water inlet filter

- " I E " icon will be displayed on the control panel when water does not enter the detergent drawer.
- If water is very hard or contains traces of lime deposit, the water inlet filter may become clogged.

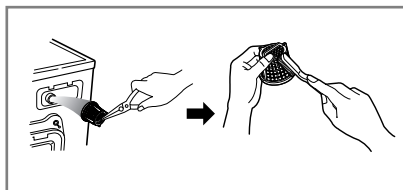
It is therefore a good idea to clean it from time to time.



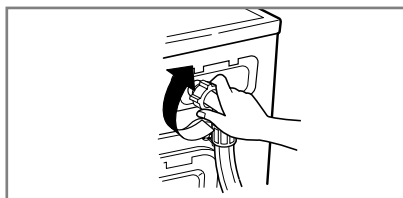
1. Turn off the water tap.



2. Unscrew the water inlet hose.



3. Clean the filter using a hard bristle brush.



4. Tighten up the inlet hose.

Maintenance

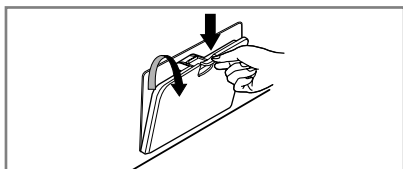
■ The drain pump filter

- The drain filter collects threads and small objects left in the laundry.
Check regularly that the filter is clean to ensure smooth running of your machine.

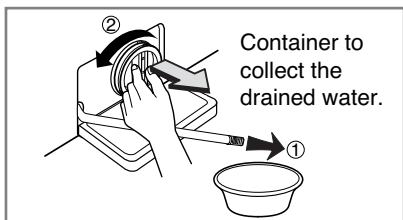
CAUTION

First drain using the drain hose and then open the pump filter to remove any threads or objects.
Be careful when draining if the water is hot.

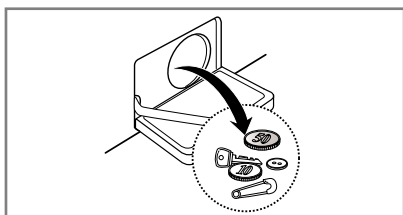
- Allow the water to cool down before cleaning the drain pump, carrying out emergency emptying or opening the door in an emergency.



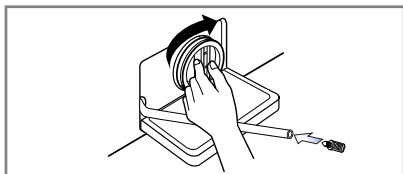
1. Open the lower cover cap.
pull out the hose.



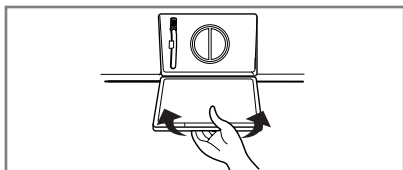
2. Unplug the drain plug.
Open the filter by turning to the left.



3. Remove any extraneous matter from
the pump filter.



4. After cleaning, turn the pump filter and insert
the drain plug.

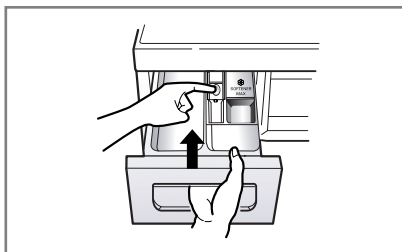


5. Close the lower cover cap.

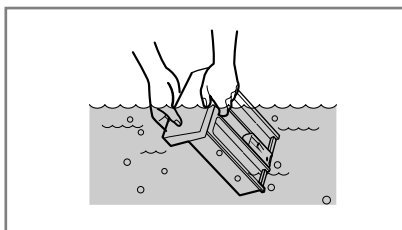
Maintenance

■ Dispenser drawer

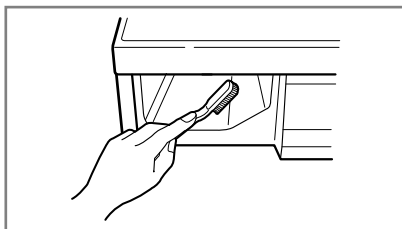
- After a while, detergents and fabric softeners leave a deposit in the drawer.
- It should be cleaned from time to time with a jet of running water.
- If necessary it can be removed completely from the machine by pressing the catch downwards and by pulling it out.
- To facilitate cleaning, the upper part of the fabric softener compartment can be removed.



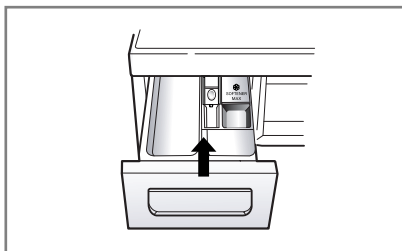
1. Pull out the dispenser drawer.



2. Clean the dispenser drawer under water.



3. Clean inside the recess with an old toothbrush.



4. Insert the dispenser drawer.

■ The washing drum

- If you live in a hard water area, limescale may build up continuously in places where it cannot be seen and thus not easily removed. Over time the build up of scale clogs appliances, and if it is not kept in check these may have to be replaced.
- Although the washing drum is made of Stainless steel, specks of rust can be caused by small metal articles (paper clips, safety pins) which have been left in the drum.
- The washing drum should be cleaned from time to time.
- If you use descaling agents, dyes or bleaches, make sure they are suitable for washing machine use.
- Descaler may contain chemicals that may damage part of your washing machine.
- Remove any spots with a stainless steel cleaning agent.
- Never use steel wool.

■ Cleaning your washer

► Exterior

- Proper care of your washer can extend its life.
- The outside of the machine can be cleaned with warm water and a neutral non abrasive household detergent.
- Immediately wipe off any spills. Wipe with damp cloth.
- Try not to hit surface with sharp objects.
- Do not use methylated spirits, diluents or similar products.

► Interior

- Dry around the washer door opening, flexible gasket and door glass.
- Run washer through a complete cycle using hot water.
- Repeat process if necessary.



To remove hard water deposits, use only cleaners labelled washer safe.

■ Cold conditions

If the washer is stored in an area where freezing may occur or moved in freezing temperatures, follow these instructions to prevent damage to the washer:

- Turn off water supply tap.
- Disconnect hoses from water supply and drain water from hoses.
- Plug electrical cord into a properly grounded electrical outlet.
- Add 1 gallon (3.8L) of nontoxic recreational vehicle(RV) antifreeze into an empty wash drum. Close the door.
- Set spin cycle and let washer spin for 1 minute to drain out all water. Not all of the RV antifreeze will be expelled.
- Unplug electrical power cord, dry the drum interior, and close the door.
- Remove dispenser drawer, drain and dry excess water from the compartments.
- Store washer in an upright position.
- To remove antifreeze from washer after storage, run empty washer through a complete cycle using detergent. Do not add wash load.

Troubleshooting guide

- This washing machine is equipped with automatic safety functions which detect and diagnose faults at an early stage and react appropriately.

When the machine does not function properly or does not function at all, check the following points before you contact your service provider.

■ Diagnosing Problem












Symptom	Possible Cause	Solution
Rattling and clanking noise	<ul style="list-style-type: none"> • Foreign objects such as coins or safety pins maybe in drum or pump. 	<p>Stop washer, check drum and drain filter.</p> <p>If noise continues after washer is restarted, call your authorised service centre.</p>
Thumping sound	<ul style="list-style-type: none"> • Heavy wash loads may produce a thumping sound. This is usually normal. 	<p>If sound continues, washer is probably out of balance. Stop and redistribute wash load.</p>
Vibrating noise	<ul style="list-style-type: none"> • Have all the transit bolts and packing been removed? • Are all the feet resting firmly on the ground? 	<p>If not removed during installation, refer to Installation guide for removing transit bolts.</p> <p>Wash load may be unevenly distributed in drum. Stop washer and rearrange wash load.</p>
Water leaks.	<ul style="list-style-type: none"> • Fill hoses or drain hose are loose at tap or washer. • House drain pipes are clogged. 	<p>Check and tighten hose connections.</p> <p>Unclog drain pipe. Contact plumber if necessary.</p>
Oversudsing		<p>Too much detergent or unsuitable detergent may cause excessive foaming which may result in water leaks.</p>
Water does not enter washer or it enters slowly	<ul style="list-style-type: none"> • Water supply is not adequate in area. • Water supply tap is not completely open. • Water inlet hose(s) are kinked. • The filter of the inlet hose(s) clogged. 	<p>Check another tap in the house.</p> <p>Fully open tap.</p> <p>Straighten hose.</p> <p>Check the filter of the inlet hose.</p>
Water in the washer does not drain or drains slowly.	<ul style="list-style-type: none"> • Drain hose is kinked or clogged. • The drain filter is clogged. 	<p>Clean and straighten the drain hose.</p> <p>Clean the drain filter</p>

Troubleshooting guide

Symptom	Possible Cause	Solution
Washer does not start	<ul style="list-style-type: none"> • Electrical power cord may not be plugged in or connection may be loose. • House fuse blown, circuit breaker tripped, or a power outage has occurred. • Water supply tap is not turned on. 	<p>Make sure plug fits tightly in wall outlet.</p> <p>Reset circuit breaker or replace fuse. Do not increase fuse capacity. If problem is a circuit overload, have it corrected by a qualified electrician. Turn on water supply tap.</p>
Washer will not spin	<ul style="list-style-type: none"> • Check that the door is firmly shut. 	<p>Close the door and press the Start/Pause button. After pressing the Start/Pause button, it may take a few moments before the washer begins to spin. The door must be locked before spin can be achieved. Add 1 or 2 similar items to help balance the load. Rearrange load to allow proper spinning.</p>
Door does not open		<p>Once machine has started, the door cannot be opened for safety reasons. Check if the "Door Lock" icon is illuminated. You can safely open the door after the "Door Lock" icon turns off.</p>
Wash cycle time delayed		<p>The washing time may vary by the amount of laundry, water pressure, water temperature and other usage conditions. If an imbalance is detected or if the suds removing programme is on, the wash time shall be increased.</p>
Fabric softener overflow	<p>Too much softener may cause an overflow.</p>	<p>Follow softener guidelines to ensure appropriate amount is used. Do not exceed the maximum fill line</p>
Softeners dispensed too early		<p>Close the dispenser drawer slowly. Do not open the drawer during the wash cycle.</p>

Troubleshooting guide

■ Error Messages

Symptom	Possible Cause	Solution
	<ul style="list-style-type: none"> • Water supply is not adequate in area. • Water supply taps are not completely open. • Water inlet hose(s) are kinked. • The filter of the inlet hose(s) are clogged. 	Check another tap in the house. Fully open tap. Straighten hose(s). Check the filter of the inlet hose.
	<ul style="list-style-type: none"> • Drain hose is kinked or clogged. • The drain filter is clogged. 	Clean and straighten the drain hose. Clean the drain filter.
	<ul style="list-style-type: none"> • Load is too small. • Load is out of balance. • The appliance has an imbalance detection and correction system. If individual heavy articles are loaded (ex. bath mat, bath robe, etc.) this system may stop spinning or even interrupt the spin cycle altogether. • If the laundry is still too wet at the end of the cycle, add smaller articles of laundry to balance the load and repeat the spin cycle. 	Add 1 or 2 similar items to help balance the load. Rearrange load to allow proper spinning.
	<ul style="list-style-type: none"> • Ensure door is not open. 	Close the door completely. * If “dE” is not released, call for service.
		Unplug the power plug and call for service.
	<ul style="list-style-type: none"> • Water overfills due to the faulty water valve. 	Close the water tap. Unplug the power plug. Call for service.
	<ul style="list-style-type: none"> • Water level sensor has malfunctioned. 	
	<ul style="list-style-type: none"> • Over load in motor. 	Allow the washer to stand for 30 minutes to allow the motor to cool; then restart the cycle.
	<ul style="list-style-type: none"> • The washer experienced a power failure. 	Restart the cycle.
	<ul style="list-style-type: none"> • Water leaks. 	Call for service.
	<ul style="list-style-type: none"> • Check water supply. 	Turn the tap on. If “dHE” is not released, unplug power plug and call for service.

