

OPERATION

Operation Overview

Using the Appliance

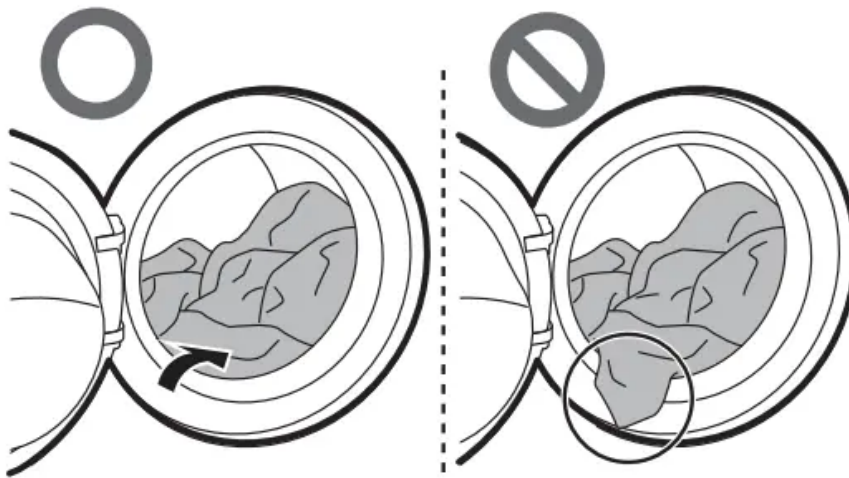
Before the first wash, select the Cotton wash programme and add a half amount of the detergent. Start the appliance without clothes. This will remove possible residues and water from the drum that may have been left during manufacturing.

1. Sort laundry and load items.

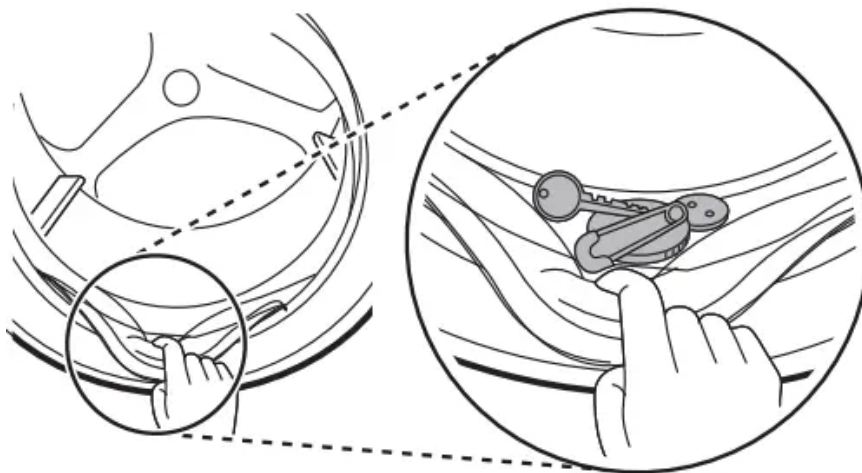
- Sort laundry by fabric type, soil level, colour and load size as needed. Open the door and load items into the appliance.

CAUTION

- Before closing the door, ensure that all clothes and items are inside the tub and not overhanging on the rubber door seal where they will become caught when the door is closed. Failing to do so will cause damage to the door seal and the clothes.



- Remove items from the flexible door seal gasket to prevent clothing and door seal damage.



2. Add cleaning products or detergent and softener.

- Add the proper amount of detergent to the detergent dispenser. If desired, add bleach or fabric softener to the appropriate areas of the dispenser.

3. Turn on the appliance.

- Press the Power button to turn on the appliance.

4. Choose the desired cycle.

- Press the cycle button repeatedly or turn the cycle selector knob until the desired cycle is selected.
- Now select a wash temperature and spin speed. Pay attention to the fabric care label of your clothes.

5. Begin cycle.

- Press the Start/Pause button to begin the cycle. The appliance will agitate briefly without water to measure the weight of the load. If the Start/Pause button is not pressed within a certain time, the appliance will shut off and all settings will be lost.

6. End of cycle.

- When the cycle is finished, a melody will sound. Immediately remove your clothing from the appliance to reduce wrinkling. Check around the door seal when removing the load for small items that may be caught in the seal.

Preparing the Wash Load

Sort the wash load for best washing results, and then prepare the clothes according to the symbols on their care labels.

Sorting the Clothes

- For best washing results, sort your clothes according to the care label stating fabric type and washing temperature. Adjust the spin speed or spin intensity in accordance with the fabric type.
- Soil level (Heavy, Normal, Light):
- Separate clothes according to soil level. If possible, do not wash heavily soiled items with lightly soiled ones.
- Colour (White, Lights, Darks): Wash dark or dyed clothes separately from whites or light colours. Mixing dyed clothes with light clothes can result in dye transfer or discolouration of lighter clothes.
- Lint (Lint producers, Collectors): Wash separately lint producing fabrics from lint collecting fabrics. Lint producers can result in pilling and linting on the lint collectors.

Checking the Clothes Care Label

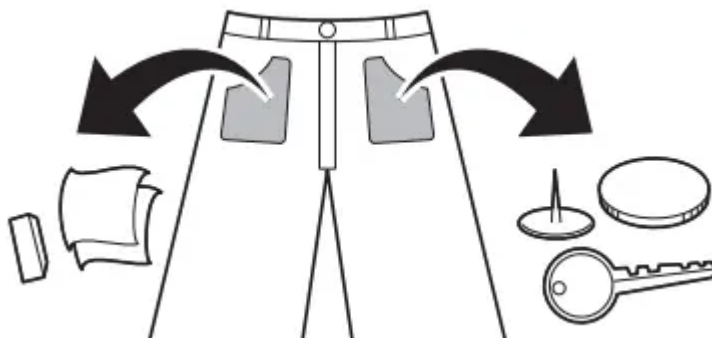
The symbols tell you about the fabric content of your garment and how it should be washed.

Symbol	Wash / Fabric type
	<ul style="list-style-type: none">• Normal Wash• Cotton, Mixed Fabrics
	<ul style="list-style-type: none">• Easy Care• Synthetic, Mixed Fabrics
	<ul style="list-style-type: none">• Special Delicate Wash• Delicates
	<ul style="list-style-type: none">• Hand Wash Only• Wool, Silk
	<ul style="list-style-type: none">• Do not wash

NOTE The dashes under the symbol give you information about the type of fabric and the maximum allowance of mechanical stress.

Checking the Clothes before Loading

- Combine large and small items in a load. Load large items first.
- Large items should not be more than half of the total wash load. Do not wash single items. This may cause an unbalanced load. Add one or two similar items.
- Check all pockets to make sure that they are empty. Items such as nails, hair clips, matches, pens, coins and keys can damage both your appliance and clothes.



- Wash delicates (stockings, underwired bras) in a wash net.
- Close zippers, hooks and strings to make sure that these items do not snag on other clothes.
- Pre-treat dirt and stains by brushing a small amount of detergent dissolved water onto stains to help lift dirt.

Adding Detergents and Softeners

Detergent Dosage

- Detergent should be used according to the instruction of the detergent manufacturer and selected according to type, colour, soiling of the fabric and the washing temperature. Use only detergents that are suitable for Drum (front load) type washers.
- If too many suds occur, reduce the detergent amount.
- If too much detergent is used, too many suds can occur and this will result in poor washing results or cause heavy load to the motor.
- If you wish to use liquid detergent, follow the guidelines provided by the detergent manufacturer.
- You can pour liquid detergent directly into the main detergent drawer if you are starting the wash cycle immediately.
- Do not use liquid detergent if you are using Delay End function, or if you have selected Pre Wash option, as the liquid will dispense immediately and may harden in the drawer or the tub.
- Detergent usage may need to be adjusted for water temperature, water hardness, size and soil level of the load. For best results, avoid oversudsing.
- Refer to the label of the clothes, before choosing the detergent and water temperature.
- Use only suitable detergents for the respective type of clothing:
 - Liquid detergent is often designed for special applications, e.g. for coloured fabric, wool, delicate or dark laundry.
 - Powdered detergent is suitable for all types of fabric.
 - For better washing results of white and pale garments, use powdered detergent with bleach.
 - Detergent is flushed from the dispenser at the beginning of the wash cycle.

NOTE

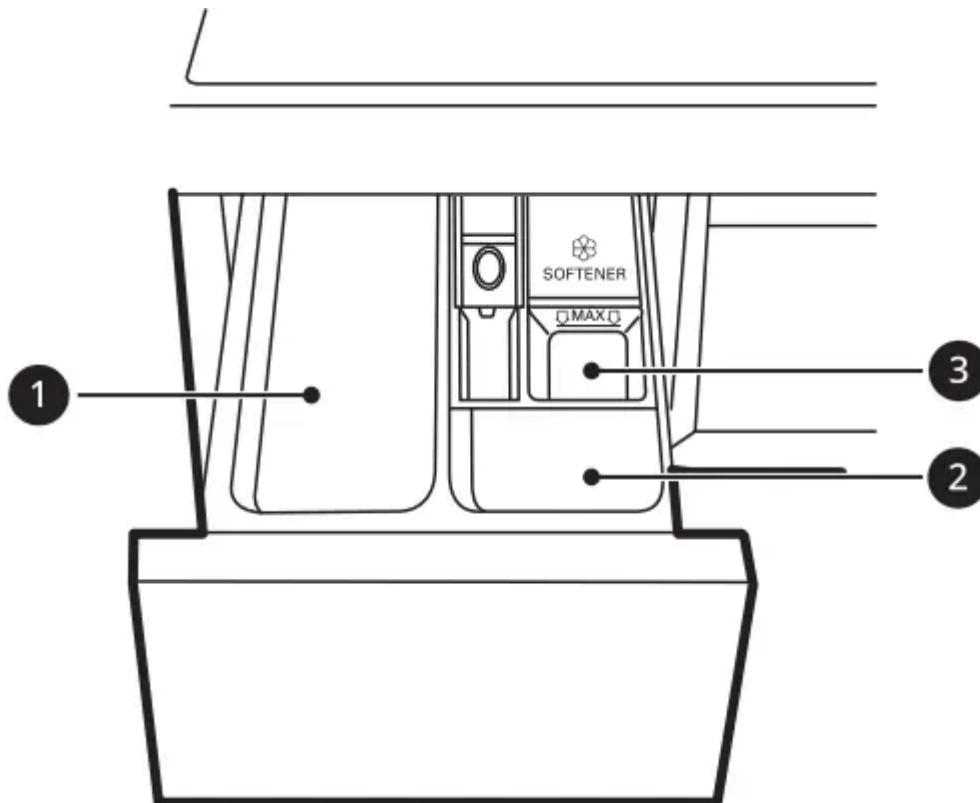
- Do not let the detergent harden. Doing so may lead to blockages, poor rinse performance or odour.
- Full load: According to manufacturer's recommendation or less.

- Part load: $\frac{1}{2}$ of the normal amount
- Minimum load: $\frac{1}{3}$ of full load

Using the Dispenser

To add detergent dosage to the dispenser:

1. Open the dispenser drawer.
2. Add the detergent and softener into the appropriate compartments.



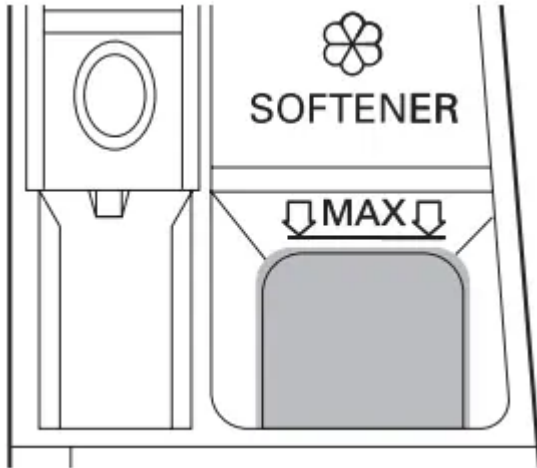
(1) Main wash detergent compartment - (2) Pre-wash detergent compartment (3) - Liquid fabric softener compartment

3. Gently close the detergent dispenser drawer before starting the cycle.
 - Slamming the drawer closed may result in the detergent overflowing into another compartment or dispensing into the drum earlier than programmed.
 - Be careful not to get a hand caught in the drawer while closing.
 - It is normal for a small amount of water to remain in the dispenser compartments at the end of the cycle.

Fabric Softener Compartment

This compartment holds liquid fabric softener, which is automatically dispensed during the final rinse cycle. Either powdered or liquid fabric softener may be used.

- Pour fabric softer to the maximum fill line. Pouring excessive fabric softener over the maximum fill line can cause it to dispense too early, which may stain the clothes.



NOTE

- Do not pour fabric softener directly onto the clothes in the wash drum, doing so will cause dark staining on the clothes that will be difficult to remove.
- Do not leave the fabric softener in the detergent drawer for more than 1 day. Fabric softener may harden. Softener may remain in the dispenser if it is too thick. The softener should be diluted if the consistency is too thick so that it can flow easily.
- Do not open the drawer when water is being supplied during the wash.
- Solvents (benzene, etc.) must never be used.

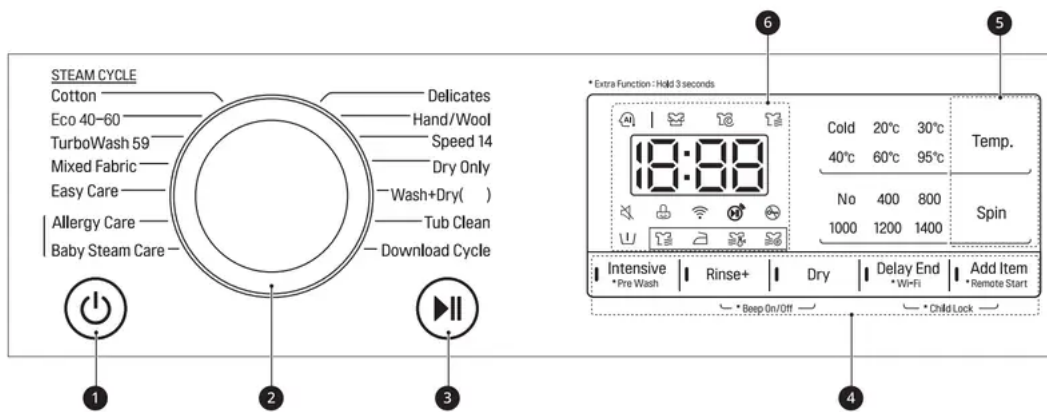
Adding Detergent Tablet

Detergent tablets can also be used when washing as an alternative to powder or liquid.

1. Open the door and put detergent tablets into the drum before loading the clothes.
2. Load the clothes into the drum and close the door.

NOTE: Do not put tablets into the dispenser.

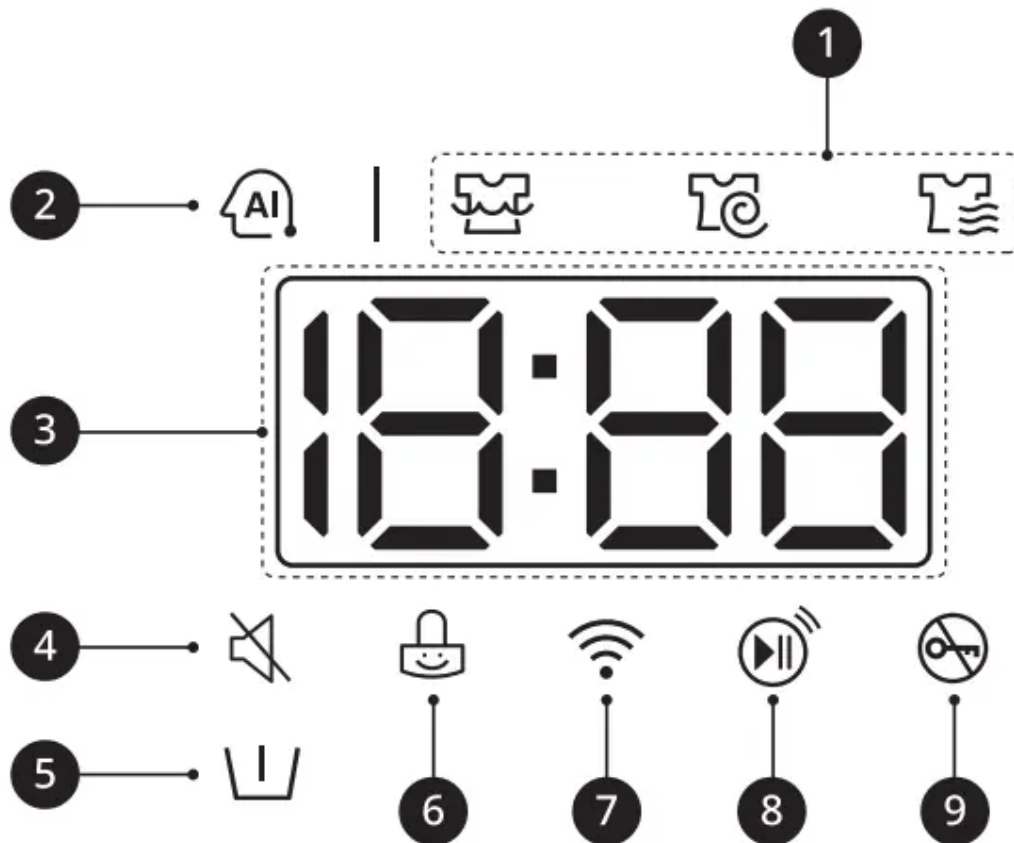
Control Panel Features



Description	
1	<p>Power On/Off Button</p> <ul style="list-style-type: none"> Press this button to turn the washing machine on.
2	<p>Programme Knob</p> <ul style="list-style-type: none"> Programmes are available according to the clothes type. The lamp will light up to indicate the selected programme. <p>NOTE</p> <ul style="list-style-type: none"> Wash+Dry(): () indicates the drying capacity, which varies depending on the model.
3	<p>Start/Pause Button</p> <ul style="list-style-type: none"> This button is used to start the wash cycle or pause the wash cycle. If a temporary stop of the wash cycle is needed, press this button.

	Description
4	<p>Extra Options and Functions</p> <ul style="list-style-type: none"> • To use the extra functions, press and hold the corresponding button for 3 seconds. The corresponding symbol lights up in the display. • This allows you to select an additional programmes and will light when selected. <p>Remote Start</p> <p>With the LG ThinQ app, you can use a smartphone to control your appliance remotely.</p> <ul style="list-style-type: none"> • In order to use this function, refer to SMART FUNCTIONS. <p>Wi-Fi</p> <p>Press and hold the Delay End button for 3 seconds to initiate the connection of the appliance to the LG ThinQ application.</p>
5	<p>Customizing Washing Programme Buttons</p> <p>Use these buttons to adjust the water temperature or spin speed settings for the selected programme.</p> <ul style="list-style-type: none"> • The current settings are shown in the display. • Press the button for that option to select other settings.
6	<p>Display</p> <ul style="list-style-type: none"> • The display shows the settings, estimated remaining time, options, and status messages. When the appliance is turned on, the default settings in the display will illuminate. • While the load weight is sensed automatically, the display on the control panel blinks.



Time and Status Display



1. Programme Status Indicators

- When a washing programme is running, LED for the active stage will blink, and the LEDs for the remaining stages will remain steady. Once a stage is complete, the LED will turn off. If a cycle is paused, the active stage LED will stop blinking.







2. AI DD

- AI DD  provides automatic load sensing that determines the best wash action.
-  is activated when Cotton, Mixed Fabric and Easy Care programmes are selected and operates when these selected programmes are in operation.

3. Estimated Time Remaining

- When a washing programme is selected, the default time for that programme is displayed. This time will change as options are selected.
- If the display shows - - -, then the time will be displayed after the load sensing has detected the load size. This is normal.

- The time shown is only an estimate. This time is based on normal operating conditions. Several external factors (load weight, room temperature, incoming water temperature, etc.) can affect the actual time.

-  lights up when the beep is off.
-  lights up when the Pre Wash option is activated.
-  lights up when the control panel is locked except for the Power button.
-  lights up when the appliance is connected to Wi-Fi network at home.
-  lights up when the remote control feature is activated.
-  lights up when the cycle starts and the door is locked.

PROGRAM TABLE

Washing Programme

Cotton		40 °C (Cold to 95 °C)	Max. Load: Rating
Description	Washes normally soiled clothes by combining various drum motions. <ul style="list-style-type: none"> • Pressing the Start/Pause button without selecting a programme will cause the Cotton programme to begin immediately, using the default settings. 		
Eco 40-60		40 °C (40 °C to 60 °C)	Max. Load: Rating
Description	Washes normally soiled cotton clothes declared to be washable at 40 °C or 60 °C.		
TurboWash 59		40 °C (Cold to 60 °C)	Max. Load 4 kg
Description	With 4 water jets operating during the wash and rinse, this washing machine can wash a half load of lightly soiled clothes for approximately 59 minutes.		
Mixed Fabric		40 °C (Cold to 60 °C)	Max. Load 4 kg
Description	Washes mixed fabrics simultaneously. <ul style="list-style-type: none"> • Use for various kind of fabrics except special garments (silk/delicate, sports wear, dark clothes, wool, duvet/curtains). 		

Easy Care		40 °C (Cold to 60 °C)	Max. Load 4 kg
Description	Washes clothes that do not need ironing after washing. • Use for Polyamide, acrylic, polyester.		
Allergy Care		60 °C	Max. Load 4 kg
Description	Helps minimise substances that cause an allergic reaction. • Use for cotton, underwear, pillow covers, bed sheets, baby wear.		
Baby Steam Care		60 °C	Max. Load 4 kg
Description	Helps wash food stains from baby clothes.		
Delicates		20 °C (Cold to 40 °C)	Max. Load 3 kg
Description	Washes machine-washable lingerie, sheer and lacy clothes.		
Hand/Wool		30 °C (Cold to 40 °C)	Max. Load 2 kg
Description	Washes hand-washable and machine-washable delicate clothes such as washable wool, lingerie, dresses etc. • Use detergent for machine washable wools		
Speed 14		20 °C (20 °C to 40 °C)	Max. Load 2 kg
Description	Washes small loads of lightly soiled clothes for approximately 14 minutes.		
Dry Only		-	Rating (Dry)
Description	Uses the automatic programmes to dry most loads. • For most drying, make sure all laundry are similar in material and thickness.		
Wash+Dry		40 °C (Cold to 95 °C)	Rating (Dry)
Description	Washes and dries clothes in the same programme.		
Tub Clean		-	-
Description	This function helps clean the inside of your appliance's tub.		
Download Cycle		-	-
Description	This programme allows you to download a new and special washing programme to your appliance with a smartphone. The default programme is Rinse+Spin .		

NOTE

- Set programme at 'Wash : Eco 40-60, 60 °C, 1200 RPM' and 'Dry: Normal Eco' for test in accordance with EN50229.
- The test results depend on water pressure, water hardness, water inlet temperature, room temperature, type and amount of load, degree of soiling utilized detergent, fluctuations in the main electricity supply and chosen additional options.
- Select the appropriate water temperature for chosen wash programme. Always follow garment manufacturer's care label or instructions when washing to avoid damage to clothes.
- Select the proper wash temperature and spin speed for the desired programmes.
- Actual water temperature may differ from the declared cycle temperature.
- Neutral detergent is recommended.

Extra Options

*1 This option is automatically inserted in the programme and can not be deselected.

NOTE Delay End and Add Item options can be selected for every washing programme in this table.

Programme	Intensive	Pre Wash	Rinse+	Dry
Cotton	●	●	●	●
Eco 40-60	●	●	●	●
TurboWash 59		●	●	●
Mixed Fabric	●	●	●	●
Easy Care	●	●	●	●
Allergy Care	●		●	●
Baby Steam Care	●		●	●
Delicates	●		●	
Hand/Wool	●		●	
Speed 14			●	●
Dry Only				●*1
Wash+Dry	●	●	●	●*1

Selectable Maximum Spin Speed

Programme	Spin Speed	
	Default	Available
Cotton	1400 rpm	All
Eco 40-60	1400 rpm	All
TurboWash 59	1200 rpm	400 to 1400 rpm
Mixed Fabric	1000 rpm	All
Easy Care	1400 rpm	All
Allergy Care	1400 rpm	All
Baby Steam Care	1000 rpm	Up to 1000 rpm
Delicates	800 rpm	Up to 800 rpm
Hand/Wool	800 rpm	Up to 800 rpm
Speed 14	400 rpm	All
Dry Only	-	-/1000/1200/1400 rpm
Wash+Dry	1400 rpm	1000 to 1400 rpm

NOTE Actual maximum spin speed may vary depending on the load conditions. The values above are rounded to the nearest hundred.

DRYING PROGRAMME

General Tips for Drying

Use the automatic programmes to dry most loads. Electronic sensors measure the temperature of the exhaust to increase or decrease drying temperatures for faster reaction time and tighter temperature control.

- Cold water tap must be left on during drying cycles.
- This appliance's automatic process from washing to drying can be selected easily.
- For most drying, make sure all clothes are similar in material and thickness.
- Do not overload the appliance by stuffing too many articles into the drum. Items must be able to tumble freely.
- If you open the door and remove the load before the appliance has finished its programme, remember to press the Start/Pause button.
- After the drying is finished, ENd appears on the display. If the clothes are not unloaded from the drum in a period of time, Cd appears on the display and the appliance tumbles

the clothes periodically for about 4 hours to reduce creases. To stop this function, press any button and unload the clothes from the drum.

Woolen Articles

Do not tumble dry woolen articles. Pull them to their original shape and dry them flat.

Woven and Loopknit Materials

Some woven and loopknit materials may shrink, by varying amounts, depending on their quality.

Always stretch these materials out immediately after drying.

Permanent Press and Synthetics

Do not overload your appliance. Take out permanent press articles as soon as the appliance stops to reduce wrinkles.

Baby Clothes and Night Gowns

Always check the manufacturer's instructions.

Blankets and Duvets

Check fabric care labels on blankets and duvets before using the drying programme. Some blankets and duvets may shrink by the heated air.

Rubber and Plastics

Do not dry any items made from or containing rubber or plastics, such as:

- Aprons, bibs, chair covers
- Curtains and table cloths
- Bathmats

Fiber Glass

Do not dry fiber glass articles in the appliance. Glass particles left in the appliance may be picked up by your clothes and cause skin irritation.

NOTE

- When you turn off the drying cycle of the appliance, the drying fan motor can be operated to save itself for 60 seconds.
- Be careful when removing your clothing from the appliance, as the clothing or appliance may be hot.
- The estimated drying time varies from the actual drying time during the

- Automatic cycle. The type of fabric, size of the load, and the dryness selected affect drying time.
- When you select drying only, spinning runs automatically for energy efficiency.

Using a Dry Programme

You can customize the programme by using the following dry functions:

Normal ()

Reduces the drying time and energy usage during the dry programme.

- Fabric Type: Cotton or linen fabrics such as cotton towels, t-shirts, and linen clothing.
- Max. Load: Rating

Time 30/60/120 minutes

Change the drying time according to the maximum load.

- Fabric Type: Cotton, towels
- Max. Load: 1 kg (30 minutes), 2 kg (60 minutes), 4 kg (120 minutes)

Iron ()

Suitable for ironing to dry clothes easily in damp conditions.

- Fabric Type: Cotton or linen fabrics, ready to iron at the end of cycle.
- Max. Load: Rating

Low Temperature ()

Suitable for drying in low temperature for less clothes damage.

- Fabric Type: Easy care or permanent press fabrics.
- Max. Load: 3.5 kg

Normal Eco ()







Suitable for energy dry programme.

- Fabric Type: Cotton or linen fabrics such as cotton towels, t-shirts, and linen clothing.
- Max. Load: Rating

NOTE

- The capacity of the machine for washing clothes is twice as much as when drying clothes. If the machine is to be used to dry a load, then the wash load must be smaller for effective drying performance. If a full load is washed, remove half the clothes prior to starting the dry programme.
- All dry cycles begin with a brief spin cycle to extract as much moisture as possible from the load before drying.

Using a Wash and Dry Function.

1. Prepare the clothes and load the drum.
 - For consistently dry loads, all articles in the load should be similar in material and thickness.
 - Do not overload the drum. There should be enough room for clothes to tumble freely.
2. Press the Power button.
3. Select a wash programme.
4. Add detergent.
5. Press the Dry button repeatedly to toggle through the selections:
 -  Normal () - For general drying
 - Time 30/60/120 minutes - For timed drying
 -  Iron () - For damp drying items for ironing
 -  Low Temperature () - For delicate fabrics
6. Press the Start/Pause button.

Only Using a Dry Function.

1. Prepare the clothes and load the drum.
 - For consistently dry loads, all articles in the load should be similar in material and thickness.
 - Do not overload the drum. There should be enough room for clothes to tumble freely.
2. Press the Power button.
 - Do not select a washing programme and do not add a detergent.

3. Press the Dry button repeatedly to toggle through the selections:

-  Normal () - For general drying
- Time 30/60/120 minutes - For timed drying
-  Iron () - For damp drying items for ironing
-  Low Temperature () - For delicate fabrics
-  Normal Eco () - For heavier fabrics

4. Press the Start/Pause button.

NOTE

- If you select the programme, you will be unable to select a dry programme.
- If this occurs, press the Power button twice to cycle the machine off and back on.

Extra Options and Functions

You can use the extra options and functions to customize the programmes.

Customising a Washing Programme

Programme

Each programme has default settings that are selected automatically. You may also customise these settings using these buttons.

Temp.

This button selects the wash temperature for the selected programme.

- Press the Temp. button until the desired setting is lit.
- Select the water temperature suitable for the type of load you are washing. Follow the garment fabric care labels for best results.

Spin

The spin intensity level can be selected by pressing this button repeatedly.

- Press the Spin button to select spin speed.

NOTE If No is selected by pressing the Spin button, it will still rotate for a short time to drain quickly.

Rinse+

This function is recommended for people with detergent allergies.

- Press the Rinse+ button for adding rinse once.

Intensive

This function is used to wash normal and heavily soiled clothes.

- Press the Intensive button.

Follow the next steps to customise a washing programme:

1. Prepare the clothes and load the drum.
2. Press the Power button.
3. Add detergent.
4. Select a washing programme.
5. Customise the washing programme (Temp., Spin, Rinse+ and Intensive) as necessary.
6. Press the Start/Pause button.

Only Using a Spin Function

1. Prepare the clothes and load the drum.
2. Press the Power button.
 - Do not select a washing programme and do not add a detergent.
3. Press the Spin button.
4. Press the Start/Pause button.

NOTE: If you select the washing programme, you will be unable to select a spin only. If this occurs, press Power button twice to cycle the machine off and back on.

Using Basic Options

You can customize the programmes by using the following basic options:

Pre Wash

This option is recommended when washing a heavily soiled load.

1. Press the Power button.
2. Select a washing programme.
3. Press and hold the Intensive button for 3 seconds.

4. Press the Start/Pause button.

Add Item

You can use this option in order to add or remove clothes after the washing programme has started.

1. Press the Power button.
2. Select a washing programme.
3. Press the Start/Pause button.
4. Press the Add Item button as necessary.
5. Open the door after it unlocks itself and add or remove necessary clothing items.
6. Close the door and press the Start/Pause button.

NOTE

For safety reasons, the door remains locked when the water level or temperature inside of the drum is high. It is not possible to add clothes at this time.

Delay End

You can set this function so that the appliance starts automatically and finishes after a specified time interval.

1. Press the Power button.
2. Select a washing programme.
3. Press the Delay End button as necessary.
4. Press the Start/Pause button.

NOTE

- 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, clothes and other factors.
- To cancel the function, the Power button should be pressed.
- Avoid using liquid detergent for this function.

Settings

Child Lock

Use this option to disable the controls.

This function can prevent children from changing cycles or operating the appliance.

NOTE

- Once this function is set, all buttons are locked except the Power button.
- When the controls are locked, [L and the remaining time are alternatively shown on the display during the wash while this function is engaged.
- Turning off the power will not reset this function. You must deactivate this function before you can access any other functions.

Locking the Control Panel

1. Turn on the power.
2. Press and hold the Delay End and Add Item buttons at the same time for 3 seconds to activate this function.
 - A beeper will sound, and CL will appear on the display.

Unlocking the Control Panel

1. Turn on the power.
2. Press and hold the Delay End and Add Item buttons at the same time for 3 seconds to deactivate this function.

Beep On/Off

This appliance plays a melody when it starts and stops.

- Press and hold the Rinse+ and Dry buttons simultaneously for 3 seconds to deactivate/activate this function.

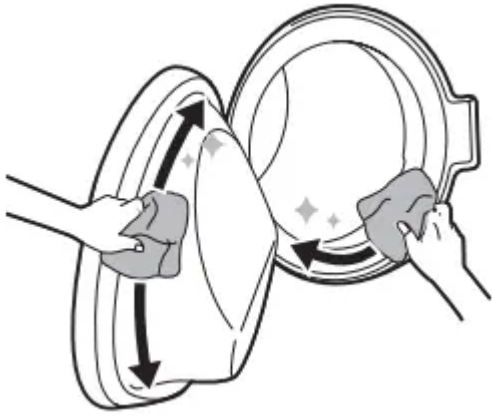
MAINTENANCE

Cleaning After Every Wash

What to Clean

Always remove items from the washing machine as soon as the cycle is complete. Leaving damp items in the washing machine can cause wrinkling, colour transfer, and odour.

- After the wash cycle is finished, wipe the door and door seal to remove any moisture.
- Leave the door slightly open to dry the drum.
- Wipe the appliance with a dry cloth to remove any moisture



WARNING Leave the door open to dry inside of the appliance only if the children are supervised at home.

Cleaning the Exterior

Proper care of your appliance can extend the service life.

Exterior

- Immediately wipe off any spills. Wipe with a damp cloth.
- Wipe with a damp cloth and then again with a dry cloth ensuring there is no moisture in cabinet joints or crevices.
- Do not press on the surface or the display with sharp objects.

WARNING Do not attempt to separate any panels or disassemble the appliance. Do not apply any sharp objects to the control panel in order to operate the appliance.

Door

- Wash with a damp cloth on the outside and inside and then dry with a soft cloth.

WARNING

Do not attempt to separate any panels or disassemble the appliance. Do not apply any sharp objects to the control panel in order to operate the appliance.

Cleaning the Appliance Periodically & Performing an Emergency Water Evacuation

Tub Clean

This is a special function to help clean the inside of the appliance by soaking, washing, rinsing and spinning. Run this function once a month (or more often if needed) to reduce build-up of detergent and softener and other residue.

- If there is a bad smell or mildew inside the appliance, run this function once a week for 3 weeks in addition to the regularly prompted intervals.

NOTE The **ECL** message will be displayed to alert to the recommendation of operating this function.

1. Remove any clothing or items from the appliance and close the door
2. Open the dispenser drawer and add anti-limescale powder to the main wash compartment.
 - Tablets can be placed directly into the drum as an alternative to powder.
3. Close the dispenser drawer slowly.
4. Turn on the power, and then select the Tub Clean
5. Press the Start/Pause button to start.
6. Leave the door open to dry the inside of the appliance completely.
 - When the inside of the appliance is not dried completely, it may cause a bad smell or mildew.

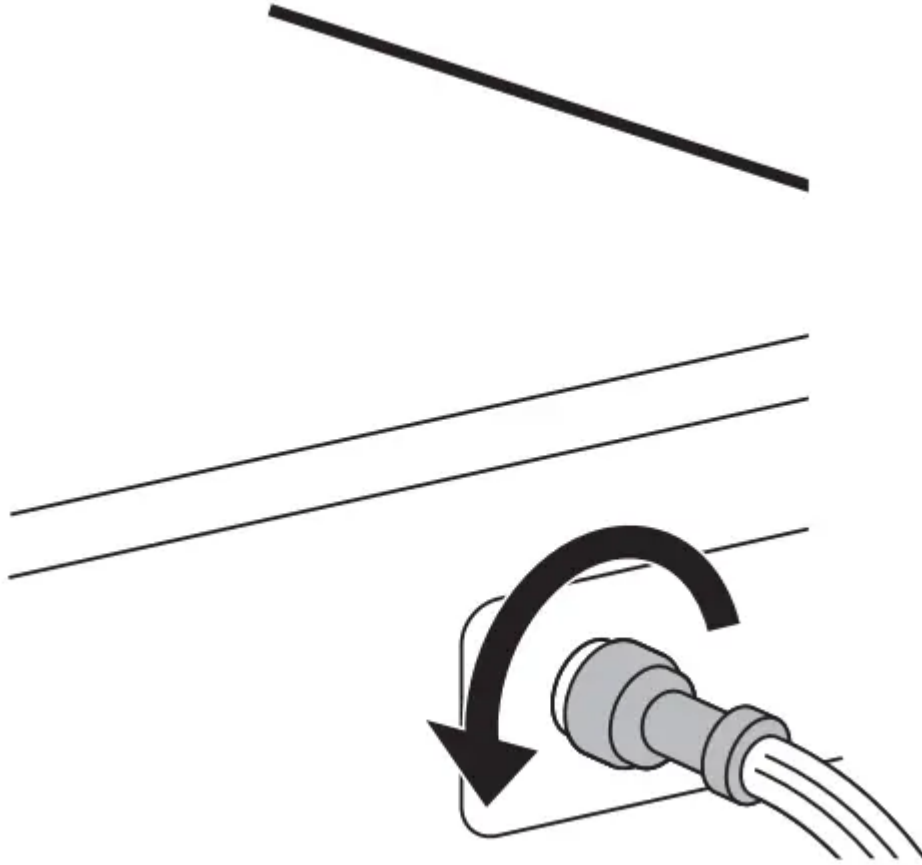
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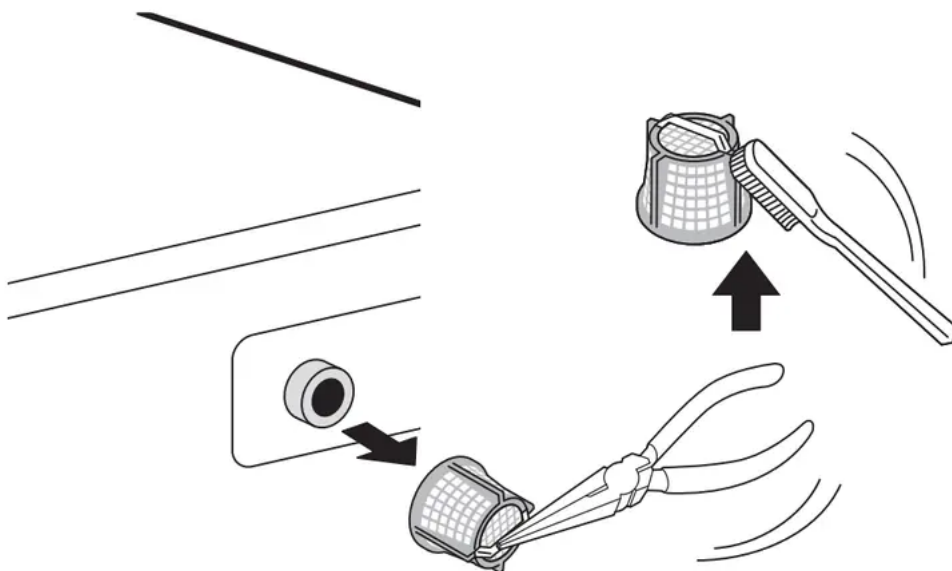
Cleaning the Water Inlet Filter

The water inlet filter collects lime or any sediment that may be in water that is supplied to the appliance. If the water is very hard or contains traces of limescale, the filter on the water inlet may clog regularly.

- Turn off the water supply taps to the appliance if the appliance is to be left for a certain period of time (e.g. holiday), especially if there is no floor drain (gully) in the immediate vicinity.
 - **IE** error message will be displayed on the control panel when the water is not entering the detergent drawer.
1. Turn off the water tap and unscrew the water inlet hose.



2. Remove the water inlet filter with small pliers and then clean the filter using a medium bristle tooth brush.

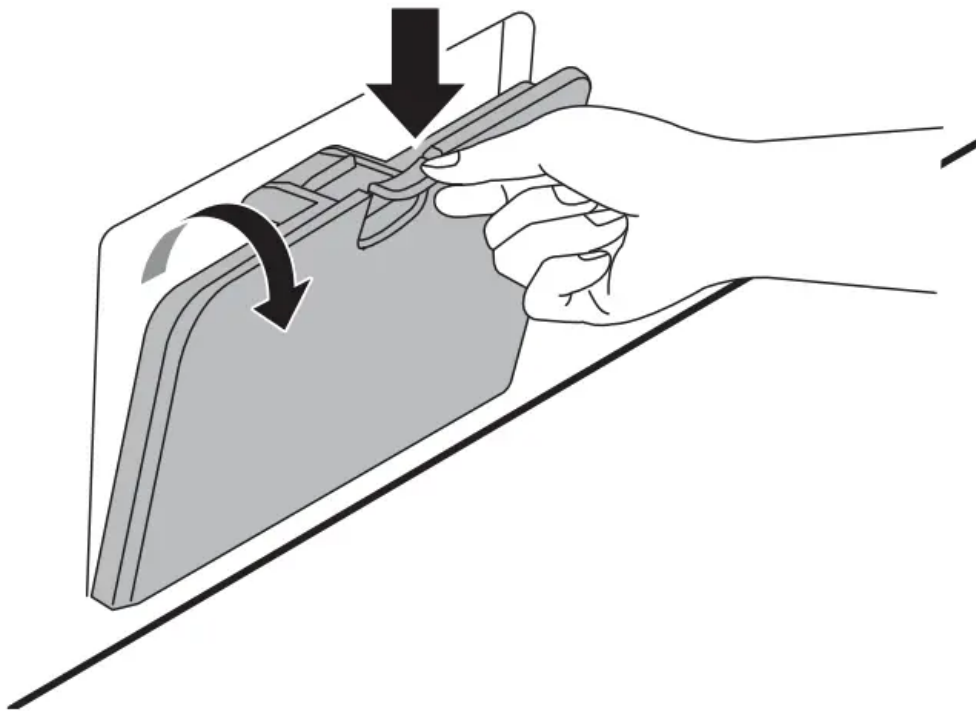


Cleaning the Drain Pump Filter and Performing an Emergency Water Evacuation

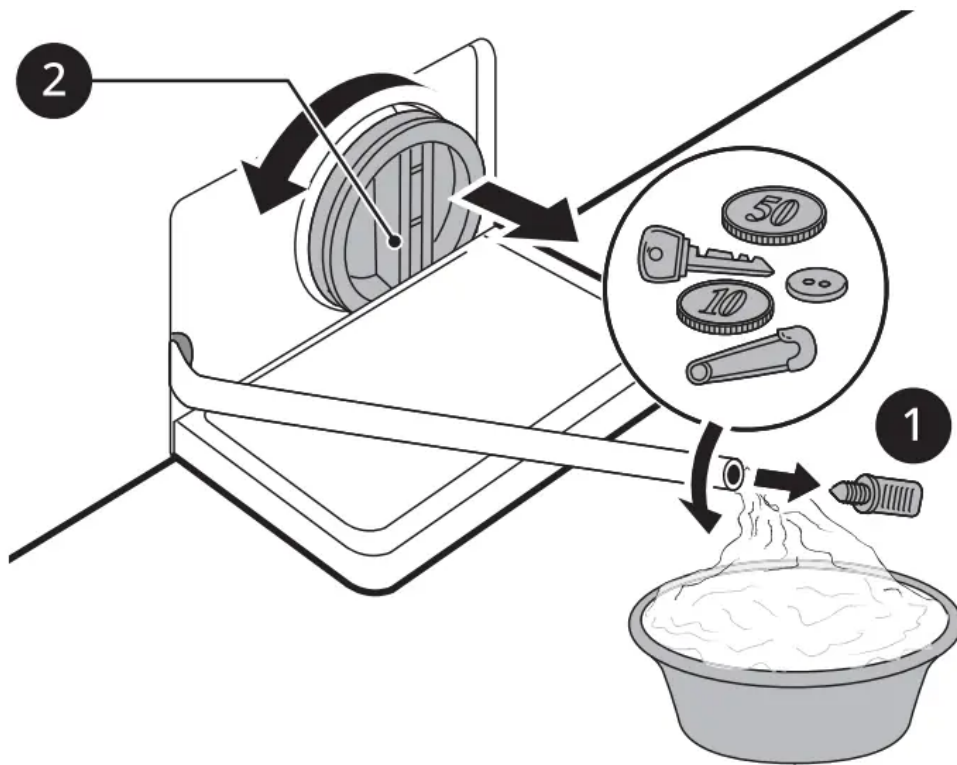
The drain filter collects threads and small objects that may have been accidentally left in the clothes. Make sure that the filter is clean every six months to ensure smooth running of your appliance.

Allow the water to cool before cleaning the drain pump filter. Open the door in an emergency or perform an emergency water evacuation.

1. Unplug the appliance.
2. Open the cover cap and pull out the drain tube.



3. Remove the drain plug from the drain tube first (1), and then drain the water. Then slowly unscrew the drain pump filter (2) to drain the remaining water and then proceed to remove any debris or objects from the filter.



4. After cleaning the drain pump filter, carefully reinsert the filter and screw the drain cap back in clockwise carefully to avoid cross-threading and leakage. Reinsert the plug back into the drain tube and place the tube into its holder.

5. Close the cover cap.

CAUTION

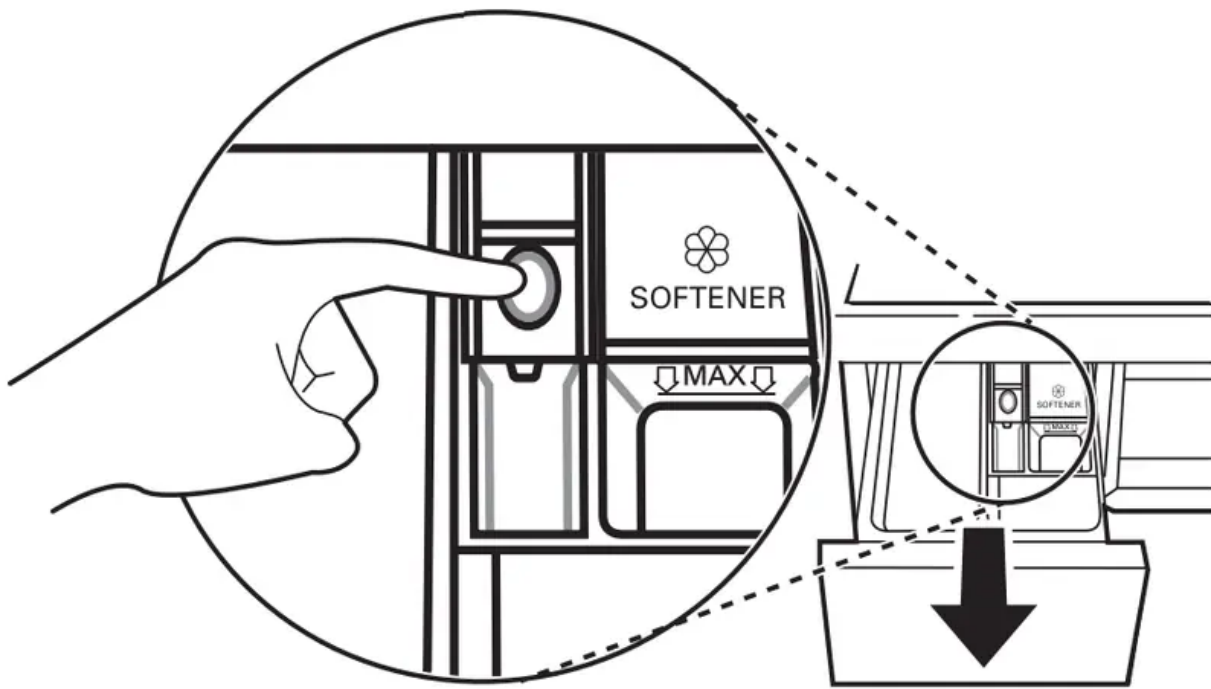
- Be careful when draining, as the water may be hot.
- Run the drum cleaning programme once a month (or more often, as needed) to remove excess detergent and other debris.

Cleaning the Dispenser Drawer

Detergent and fabric softener can build up in the dispenser drawer. Liquid detergents can remain under the dispenser drawer and not dispense completely. Remove the drawer and inserts and check for build-up of cleaning products once or twice a month.

1. Remove the detergent dispenser drawer by pulling the drawer straight out until the drawer stops.

- Then gently pull the drawer outward while pressing hard the disengage button.



2. Remove the build-up of detergent and softener.

- Rinse the drawer and the components of the drawer with warm water to remove the build-up from detergent and softener. Use only water to clean the dispenser drawer. Dry the drawer and the components of the drawer with a soft cloth or towel.

3. To clean the drawer opening, use a cloth or small, non-metal brush to clean the recess.

- Remove all residue from the upper and lower parts of the recess.

4. Wipe any moisture off the recess with a soft cloth or towel.

5. Reassemble the components of the drawer to the proper compartments and insert the drawer.

TROUBLESHOOTING

Operation of your appliance can lead to errors and malfunctions. The following tables contain possible causes and notes for resolving an error message or malfunction. It is recommended to read the tables carefully below in order to save your time and money that may cost for calling to LG Electronics service centre.

Before Calling for Service

Your appliance is equipped with an automatic error-monitoring system to detect and diagnose problems at an early stage. If the appliance does not function properly or does not function at all, check the following tables before calling to LG Electronics service centre.

Error Messages

Symptoms	Possible Cause & Solution
IE INLET ERROR	<p>Water supply is not adequate in that location. Water does not enter appliance or it enters slowly.</p> <ul style="list-style-type: none"> • Check another tap in the house. <p>Water supply tap is not completely open. Water does not enter the appliance or it enters slowly.</p> <ul style="list-style-type: none"> • Open fully tap. <p>Water supply hose(s) are kinked.</p> <ul style="list-style-type: none"> • Straighten hose or reinstall the water inlet hose The filter of the supply hose(s) are clogged. • Check and clean the filter of the inlet hose. <p>If water leakage occurs in the aqua stop supply hose, indicator will become red.</p> <ul style="list-style-type: none"> • Replace the aqua stop supply hose.
UE UNBALANCE ERROR	<p>The appliance has a system which detects and corrects the unbalance of the appliance.</p> <ul style="list-style-type: none"> • The laundry may be too wet at the end of the cycle, rearrange the load to allow proper spinning. Close the door and press Start/Pause button. It may take a few moments before the appliance begins to spin. The door must be locked before spin can be achieved. <p>Load is too small. This system may stop spinning or even interrupt the spin cycle altogether if individual heavy articles (e.g. bath mat, bath robe, etc.) are loaded.</p> <ul style="list-style-type: none"> • Add 1 or 2 similar items or smaller articles of laundry to help balance the load. Close the door and press Start/Pause button. It may take a few moments before the appliance begins to spin. The door must be locked before spin can be achieved.
OE WATER OUTLET ERROR	<p>Drain hose is kinked or clogged. Water in the appliance does not drain or drains slowly.</p> <ul style="list-style-type: none"> • Clean and straighten the drain hose. <hr/> <p>The drain filter is clogged.</p>

Symptoms	Possible Cause & Solution
	<ul style="list-style-type: none"> • Check and clean the drain filter.
dE dE 1 dE2 dE4 DOOR ERROR	Door sensor malfunctions. <ul style="list-style-type: none"> • Please call LG service centre. You can find your local LG service centre phone number in the warranty card.
EE CONTROL ERROR	This is a control error. <ul style="list-style-type: none"> • Unplug the power plug and call for service.
LE MOTOR LOCKED ERROR	Over load in motor. <ul style="list-style-type: none"> • Let the appliance wait for 30 minutes until the motor is cooled down and then, restart the cycle.
FE OVERFLOW ERROR	Water overfills due to the faulty water valve <ul style="list-style-type: none"> • Close the water tap. Unplug the power plug. Call for service.
PE PRESSURE SENSOR ERROR	Water level sensor malfunctions. <ul style="list-style-type: none"> • Close the water tap. Unplug the power plug. Call for service.
US VIBRATION SENSOR ERROR	Vibration sensor malfunctions. <ul style="list-style-type: none"> • Call for service.
FF FROZEN FAILURE	Is supply/drain hose or drain pump frozen? <ul style="list-style-type: none"> • Supply warm water into the drum in order to unfreeze the drain hose and the drain pump. Cover the supply hose with wet and warm towel.
AE	Water leaks. <ul style="list-style-type: none"> • Call for service.

Symptoms	Possible Cause & Solution
WATER LEAKAGE	
PF POWER FAILURE	<p>The appliance experienced a mains power failure.</p> <ul style="list-style-type: none"> • Restart the cycle.
dHE DRY ERROR	<p>Drying functions only are not working.</p> <ul style="list-style-type: none"> • Call for service




Noises You Might Hear

Symptoms	Possible Cause & Solution
<p>Rattling and clanking noise</p>	<p>Foreign objects, such as keys, coins, or safety pins may be in the drum.</p> <ul style="list-style-type: none"> • Stop the appliance, check the drum for foreign objects. If the noise continues after the appliance is restarted, call for service.
<p>Thumping sound</p>	<p>Heavy wash loads may produce a thumping sound. This is usually normal.</p> <ul style="list-style-type: none"> • If the sound continues, the appliance is probably out of balance. Stop and redistribute the wash load. <p>Wash load may be out of balance.</p> <ul style="list-style-type: none"> • Pause the cycle and redistribute the load after the door unlocks.
<p>Vibrating noise</p>	<p>Package materials are not removed.</p> <ul style="list-style-type: none"> • Remove package materials. <p>Wash load may be unevenly distributed in the drum.</p> <ul style="list-style-type: none"> • Pause the cycle and redistribute the load after the door unlocks. <p>Not all leveling feet are resting firmly and evenly on the floor.</p> <ul style="list-style-type: none"> • Adjust the leveling of the appliance. Floor not rigid enough. • Check if the floor is solid and does not flex.

Operation

Symptoms	Possible Cause & Solution
<p>Water is leaking.</p>	<p>House drain pipes are clogged.</p> <ul style="list-style-type: none"> • Unclog waste pipes. Contact plumber if necessary. <p>Leakage is caused by improper installation of drain hose or clogged drain hose.</p> <ul style="list-style-type: none"> • Clean and straighten the drain hose. Check and clean the drain filter regularly. <p>Drain pump filter cap is not fitted correctly.</p> <ul style="list-style-type: none"> • Refit the drain pump filter.
<p>Appliance does not operate.</p>	<p>Control panel has powered off due to inactivity.</p> <ul style="list-style-type: none"> • This is normal. Press the Power button to turn the appliance on. <p>Appliance is unplugged.</p> <ul style="list-style-type: none"> • Make sure that the cord should be plugged securely into a working outlet. <p>Water supply is turned off.</p> <ul style="list-style-type: none"> • Turn the water supply tap completely. <p>Controls are not set properly.</p> <ul style="list-style-type: none"> • Make sure that the cycle should be correctly set. Close the door and press the Start/Pause button. <p>Door is open.</p> <ul style="list-style-type: none"> • Close the door and make sure that nothing should be caught under the door preventing it from closing completely. <p>Circuit breaker/fuse is tripped/blown.</p> <ul style="list-style-type: none"> • Check house circuit breakers/fuses. Replace fuses or reset breaker. The appliance should be on a dedicated branch circuit. The appliance will resume the cycle where it stopped once power is restored. <p>Control needs to be reset.</p> <ul style="list-style-type: none"> • Press the Power button, then reselect the desired programme and press the Start/Pause button. <p>Start/Pause was not pressed after a cycle was set.</p>

Symptoms	Possible Cause & Solution
	<ul style="list-style-type: none"> • Press the Power button, then reselect the desired programme and press the Start/Pause button. The appliance is turned off if the Start/Pause button is not pressed within 15 minutes. <p>Extremely low water pressure.</p> <ul style="list-style-type: none"> • Check another tap in the house to make sure that household water pressure should be adequate. <p>Appliance is heating the water or making steam.</p> <ul style="list-style-type: none"> • The drum may stop operating temporarily during certain cycles, while water is safely heated to a set temperature.
<p>Buttons may not function properly.</p>	<p>The Child Lock option is activated.</p> <ul style="list-style-type: none"> • Deactivate the Child Lock option if necessary
<p>Door does not open.</p>	<p>The door cannot be opened for safety reasons once the appliance starts.</p> <ul style="list-style-type: none"> • This is normal. You can safely open the door after  turns off.
<p>Appliance is not filling properly.</p>	<p>Inlet Filter clogged.</p> <ul style="list-style-type: none"> • Make sure the inlet filters on the fill valves are not clogged.

Symptoms	Possible Cause & Solution
	<p>Inlet hoses may be kinked.</p> <ul style="list-style-type: none"> • Check that inlet hoses are not kinked or clogged.
	<p>Insufficient water supply.</p> <ul style="list-style-type: none"> • Make sure that both hot and cold water taps are turned on all the way.
	<p>Hot and cold inlet hoses are reversed.</p> <ul style="list-style-type: none"> • Check inlet hose connections.
<p>Appliance does not drain water.</p>	<p>Kinked drain hose.</p> <ul style="list-style-type: none"> • Ensure that the drain hose is not kinked.
<p>Detergent is not dispensed completely or not dispensed at all.</p>	<p>Too much detergent is used.</p> <ul style="list-style-type: none"> • Follow the guidelines provided by the detergent manufacturer.
	<p>Drain Pump Filter may be blocked.</p> <ul style="list-style-type: none"> • Clean the Drain filter.
<p>Cycle time is longer than usual.</p>	<p>The load is too small.</p> <ul style="list-style-type: none"> • Add more items to allow the appliance to balance the loads. <p>Heavy articles are mixed with lighter items.</p> <ul style="list-style-type: none"> • Always try to wash articles with similar weight in order to allow the appliance to evenly distribute the weight of the load for spinning. <p>The load is out of balance.</p> <ul style="list-style-type: none"> • Manually redistribute the load if articles have become tangled.
<p>Cycle end is delayed</p>	<p>Unbalance is detected or suds removing programme is on.</p> <ul style="list-style-type: none"> • This is normal. The time remaining shown on the display is only an estimated duration. Actual time may vary.

Performance



Symptoms	Possible Cause & Solution
<p>Poor stain removal</p>	<p>Previously set stains.</p> <ul style="list-style-type: none"> Articles that have been previously washed may have stains which have been set. These stains may be difficult to remove and may require hand washing or pre-treating to aid in stain removal.
<p>Staining</p>	<p>Bleach or softener is dispensed too soon.</p> <ul style="list-style-type: none"> Dispenser compartment is overfilled. It makes bleach or softer dispensed rapidly. Always measure bleach or softener to prevent overfilling. Close the detergent dispenser slowly. <p>Bleach or softener was added directly to the clothes in the drum.</p> <ul style="list-style-type: none"> Always use the detergent dispenser to ensure that bleach or softener is properly dispensed at the right time in the programme. <p>Clothes were not properly sorted.</p> <ul style="list-style-type: none"> Always wash dark colours separately from light colours and whites to prevent discoloration. Never wash heavily soiled items with lightly soiled items.



Symptoms	Possible Cause & Solution
<p>Wrinkling</p>	<p>Appliance is not unloaded promptly.</p> <ul style="list-style-type: none"> • Always remove items from the appliance as soon as the programme is complete. <p>Appliance is overloaded.</p> <ul style="list-style-type: none"> • The appliance can be fully loaded, but the drum should not be tightly packed with items. The door of the appliance should be closed easily. <p>Hot and cold water inlet hoses are reversed.</p> <ul style="list-style-type: none"> • Hot water rinse can set wrinkles in garments. Check the supply hose connections. <p>Spin speed may be too high.</p> <ul style="list-style-type: none"> • Set the spin speed to suit the garment type.



Odour

<p>Musty or mildewy odour in appliance</p>	<p>Inside of drum is not cleaned properly.</p> <ul style="list-style-type: none">• Run the Tub Clean function regularly. <p>The drain hose is not properly installed, causing siphoning (water flowing back inside of the appliance).</p> <ul style="list-style-type: none">• When installing the drain hose, make sure that it does not get kinked or blocked. <p>The detergent dispenser drawer is not cleaned regularly.</p> <ul style="list-style-type: none">• Remove and clean the detergent dispenser, especially the top and the bottom of the dispenser's opening. <p>Odours can occur if the drain hose is not properly installed, causing siphoning (water flowing back inside of the appliance).</p> <ul style="list-style-type: none">• When installing the drain hose, make sure that it does not get kinked or blocked. <p>If the detergent dispenser drawer is not cleaned regularly, odours can occur from mold or foreign substances.</p> <ul style="list-style-type: none">• Remove and clean the detergent dispenser, especially the top and bottom of the dispenser's opening.
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Drying

Symptoms	Possible Cause & Solution
<p>Dry problem</p>	<p>Check water supply tap.</p> <ul style="list-style-type: none"> • Do not overload. Check that the washing machine is draining properly to extract adequate water from the load. When load of laundry is too small to tumble properly. Add a few towels. • Turn off water supply tap.
<p>Drying time is too long.</p>	<p>The ambient temperature is low.</p> <ul style="list-style-type: none"> • Make sure the temperature is allowable range.
<p>Drying performance is too low or bad.</p>	<p>Water is not properly supplied. The water is used for autocleaning of lint-filter on drum during the drying.</p> <ul style="list-style-type: none"> • Make sure the water supply tap is open.
	<p>Water does not properly drain.</p> <ul style="list-style-type: none"> • Make sure the drain filter is not clogged.
	<p>The appliance is overloaded.</p> <ul style="list-style-type: none"> • Check the load capacity for the selected programme. If necessary, add a time dry programme.
	<p>The spin speed is too low.</p> <ul style="list-style-type: none"> • Select the highest spin speed allowed for the wash programme.
<p>A warm air comes out from the rear side of the appliance.</p>	<p>This appliance makes a warm air to dry the clothes.</p> <ul style="list-style-type: none"> • This warm air dries the clothes and comes out from the rear side of the appliance.

Wi-fi

Symptoms	Possible Cause & Solution
<p>Your home appliance and smart phone is not connected to the Wi-Fi network.</p>	<p>The password for the Wi-Fi that you are trying to connect to is incorrect.</p> <ul style="list-style-type: none">• Find the Wi-Fi network connected to your smartphone and remove it, then register your appliance on LG ThinQ. <p>Mobile data for your smartphone is turned on.</p> <ul style="list-style-type: none">• Turn off the Mobile data of your smartphone and register the appliance using the Wi-Fi network. <p>The wireless network name (SSID) is set incorrectly.</p> <ul style="list-style-type: none">• The wireless network name (SSID) should be a combination of English letters and numbers. (Do not use special characters). <p>The router frequency is not 2.4 GHz.</p> <ul style="list-style-type: none">• Only a 2.4 GHz router frequency is supported. Set the wireless router to 2.4 GHz and connect the appliance to the wireless router. To check the router frequency, check with your internet service provider or the router manufacturer. <p>The distance between the appliance and the router is too far.</p> <ul style="list-style-type: none">• If the distance between the appliance and the router is too far, the signal may be weak and the connection may not be configured correctly. Move the location of the router so that it is closer to the appliance.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

