



## OWNER'S MANUAL

# WASHING MACHINE

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Before beginning installation, read these instructions carefully. This will simplify installation and ensure that the product is installed correctly and safely. Leave these instructions near the product after installation for future reference.

### ENGLISH

WTP22WY WTP22BK



MFL71852965  
Rev.00\_120221

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This manual may contain images or content that may be different from the model you purchased.  
This manual is subject to revision by the manufacturer.

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# SAFETY INSTRUCTIONS

## READ ALL INSTRUCTIONS BEFORE USE

The following safety guidelines are intended to prevent unforeseen risks or damage from unsafe or incorrect operation of the appliance. The guidelines are separated into 'WARNING' and 'CAUTION' as described below.

### Safety Messages



This symbol is displayed to indicate matters and operations that can cause risk. Read the part with this symbol carefully and follow the instructions in order to avoid risk.



#### **WARNING**

This indicates that the failure to follow the instructions can cause serious injury or death.



#### **CAUTION**

This indicates that the failure to follow the instructions can cause the minor injury or damage to the product.

## WARNING



### **WARNING**

- To reduce the risk of explosion, fire, death, electric shock, injury or scalding to persons when using this product, follow basic precautions, including the following:

## Technical Safety

- 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.

- Children should be supervised to ensure that they do not play with the appliance.
- If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Use a new hose or hose-set supplied with the appliance. Reusing old hoses can cause a water leak and subsequent property damage.
- Ventilation openings must not be obstructed by a carpet.
- This appliance is intended to be used in household applications only.
- The inlet water pressure must be between 50 kPa and 800 kPa.

### **Maximum Capacity**

The maximum capacity in some cycles for dry clothes to be washed is **2.0 kg**.

### **Installation**

- Never attempt to operate the appliance if it is damaged, malfunctioning, partially disassembled, or has missing or broken parts, including a damaged cord or plug.
- This appliance should only be transported by two or more people holding the appliance securely.
- Do not install the appliance in a damp and dusty place. Do not install or store the appliance in any outdoor area, or any area that is subject to weathering conditions such as direct sunlight, wind, rain, or temperatures below freezing.
- Make sure the power plug is completely pushed into the power outlet.
- Do not plug the appliance into multiple outlet sockets, power boards, or an extension power cable.
- Do not modify the power plug provided with the appliance. If it does not fit the power outlet, have a proper outlet installed by a qualified electrician.

- This appliance is equipped with a power cord having an equipment-earthing / grounding conductor (earthing pin) and a grounding power plug. The power plug must be plugged into an appropriate outlet socket that is installed and earthed / grounded in accordance with all local codes and ordinances.
- Improper connection of the equipment-grounding conductor can result in risk of electric shock. Check with a qualified electrician or service personnel if you are in doubt as to whether the appliance is properly grounded.
- Tighten and secure the drain hose at connecting ends to avoid separation.

## Operation

- The Mini Washer is designed to be used with cold water only.
- The Mini Washer is designed to wash lightly soiled and delicate items, and then do not wash normally or heavy soiled clothes or other items such as rugs, mats, shoes, sheets, towels, rugs, jeans, or pet blankets.
- Do not install the Mini Washer on top of another Mini Washer or Pedestal or elevated surface or stand.
- To avoid breaking the door glass, do not push too hard on the door when closing.
- Do not open or close the door by foot and step on Mini washer.
- Do not apply any sharp objects to the control panel in order to operate the appliance.
- Do not attempt to separate any panels or disassemble the appliance.
- Do not repair or replace any part of the appliance. All repairs and servicing must be performed by qualified service personnel unless specifically recommended in this Owner's Manual. Use only authorized factory parts.
- Do not push down the door excessively, when the appliance door is open.
- Do not put animals, such as pets into the appliance.
- Keep the area underneath and around the appliance free of combustible materials such as lint, paper, rags, chemicals, etc.

- Do not leave the appliance door open. Children may hang on the door or crawl inside the appliance, causing damage or injury.
- Do not put in, wash or dry articles that have been cleaned in, washed in, soaked in, or spotted with combustible or explosive substances (such as waxes, wax removers, oil, paint, gasoline, degreasers, drycleaning solvents, kerosene, petrol, spot removers, turpentine, vegetable oil, cooking oil, acetone, alcohol, etc.). Improper use can cause fire or explosion.
- Do not use or store flammable or combustible substances (ether, benzene, alcohol, chemical, LPG, combustible spray, gasoline, thinner, petroleum, insecticide, air freshener, cosmetics, etc.) near the appliance.
- Never reach into the appliance while it is operating. Wait until the drum has completely stopped.
- Do not touch the door during a high temperature programme.
- In case of a water leak from the appliance or flood, disconnect the power plug and contact the LG Electronics customer information centre.
- Turn off water taps to relieve pressure on hoses and valves and to minimize leakage if a break or rupture should occur. Check the condition of the fill hoses; they should be replaced after 5 years.
- If there is a gas leakage (isobutane, propane, natural gas, etc.) within the home, do not touch the appliance or power plug and ventilate the area immediately.
- If the drain hose or inlet hose is frozen during winter, use it only after thawing.
- Keep all washing detergents, softener and bleach away from children.
- Do not touch the power plug or the appliance controls with wet hands.
- Do not bend the power cable excessively or place a heavy object on it.
- Avoid touching any water that is drained from the appliance during the wash.

- Make sure that drainage is working properly. If water is not drained properly, your floor may get flooded.
- Wipe off dirt or dust on the contacts of the power plug.

## Maintenance

- Disconnect the appliance from the power supply before cleaning the appliance. Setting the controls to the OFF or stand by position does not disconnect this appliance from the power supply.
- Securely plug the power plug in the outlet socket after completely removing any moisture and dust.
- Do not spray water inside or outside the appliance to clean it.
- Never unplug the appliance by pulling on the power cable. Always grip the power plug firmly and pull straight out from the outlet socket.
- Only qualified service personnel from LG Electronics service centre should disassemble, repair, or modify the appliance. Contact an LG Electronics customer information centre if you move and install the appliance in a different location.

## Disposal

- Before discarding an old appliance, unplug it. Cut off the cable directly behind the appliance to prevent misuse.
- Dispose of all packaging materials (such as plastic bags and styrofoam) away from children. The packaging materials can cause suffocation.
- Remove the door before disposing of or discarding this appliance to avoid the danger of children or small animals getting trapped inside.

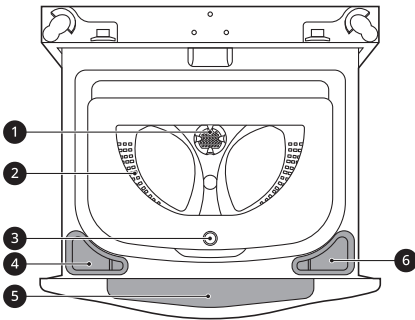
# INSTALLATION

## Parts and Specifications

### NOTE

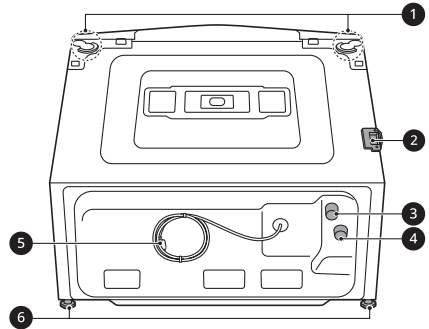
- Appearance and specifications may change without notice to improve the quality of the appliance.

### Front View



- ❶ Lint Filter
- ❷ Drum
- ❸ Door Open/Close Button
- ❹ Liquid Detergent Dispenser
- ❺ Control Panel
- ❻ Liquid Softener Dispenser

### Rear View



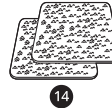
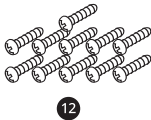
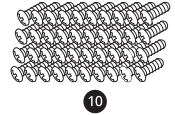
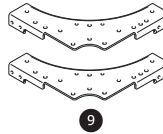
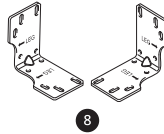
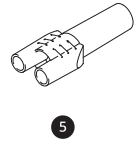
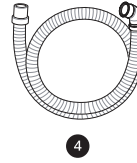
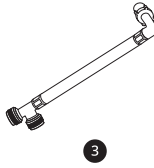
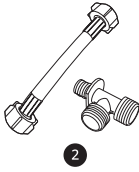
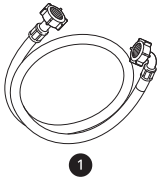
- ❶ Main Washer Leg Hole
- ❷ Stacking Switch
- ❸ Drain Hole
- ❹ Water Inlet (Cold Only)
- ❺ Power Plug
- ❻ Levelling Feet

## Specifications

Model	WTP22WY WTP22BK
Power Supply	220~240 V~, 50 Hz
Dimension (Width X Depth X Height)	595 mm X 654 mm X 365 mm
Product Weight	42 kg

## Accessories

\*1 The included accessories vary depending on the model you purchased.



1	Water supply hose(for cold water)	2	Connecting Supply Hose and Disassembled Connector *1	3	Connecting Supply Hose with Assembled Connector *1
4	Water Drain Hose	5	Water Drain Hose Connector	6	Band Clamps (3 EA)
7	Cable Ties (2 EA)	8	Back Brackets (2 EA)	9	Front Brackets (2 EA)
10	Machine Screw (40 EA)	11	Short Sheet Metal Screw (5 EA)	12	Long Sheet Metal Screw (11 EA)
13	Spanner	14	Anti-slip Sheets (2 EA)	15	Detergent Measuring Cup

### NOTE

- The images in this manual may be different from the actual components and accessories that are subject to change by the manufacturer without prior notice for product improvement purposes.

# Installation Place Requirements

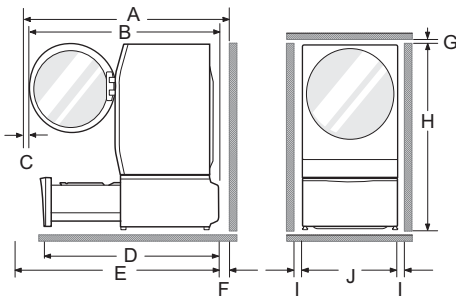
## Installation Location

- This appliance must be installed on firm flooring to minimize vibration during the spin cycle. Concrete flooring is best, being far less prone to vibration during the spin cycle than wooden floorboards or a carpeted surface.
- If it is impossible to avoid positioning the appliance next to a gas cooker or coal burning stove, an insulation (850 X 600 mm) covered with aluminum foil on the side facing the cooker or stove must be inserted between the two appliances.
- Ensure that when the appliance is installed, it is easily accessible for an engineer in the event of a breakdown.
- When installing the appliance, adjust all four feet using the transit bolt spanner provided to ensure the appliance is stable.

## Floor Installation

\*1 minimum space for installation

To ensure sufficient clearance for water inlet hoses, drain hose and airflow, allow minimum clearances of at least 2 cm at the sides and 10 cm behind the appliance. Be sure to allow for wall, door, or floor moldings that may increase the required clearances.



<b>A</b>	135 cm
<b>B</b>	123 cm
<b>C</b>	2 cm

<b>D</b>	114 cm
<b>E</b>	125 cm*1
<b>F</b>	10 cm
<b>G</b>	0.5 cm
<b>H</b>	125 cm
<b>I</b>	5 cm
<b>J</b>	60 cm

## ⚠ WARNING

- This appliance must only be used for domestic household purposes and should not be used in mobile applications.

## NOTE

- Never try to level any uneven floor by putting pieces of wood, cardboard or similar materials under the appliance.

## Ventilation

- Make sure that air circulation around the appliance should not be impeded by carpets, rugs, etc.

## Ambient Temperature

- Do not install the appliance in rooms where freezing temperatures 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 winter and temperatures are below freezing, place the appliance at room temperature for a few hours before putting it into operation.

## Electrical Connection

- Do not use an extension cord or double adapter.
- Always unplug the appliance and turn off the water supply after use.

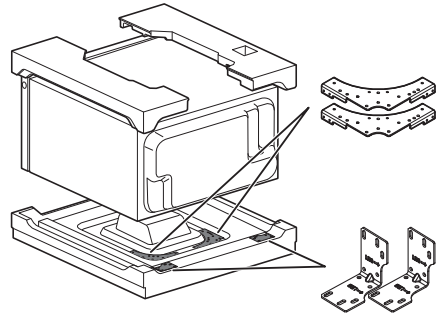
- Connect the appliance to an earthed socket in accordance with current wiring regulations.
- The appliance must be positioned so that the plug is easily accessible.
- Power outlet must be within 1 meter of either side of the appliance.

## ⚠ WARNING

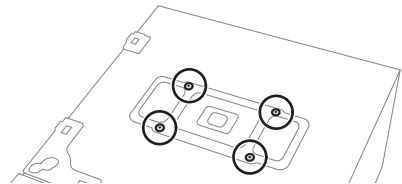
- Repairs to the appliance must only be carried out by qualified personnel. Repairs carried out by inexperienced persons may cause injury or serious malfunctioning. Contact your local authorised LG repairer.
- The power plug must be plugged into an appropriate outlet socket that is installed and grounded/earthed in accordance with all local codes and ordinances.

## Attaching Brackets on Mini Washer

- 1 After removing the carton and shipping material, lift the Mini Washer off the foam base, and keep 4 brackets on the foam base.
  - Make sure the plastic tub support comes off with the base and is not stuck to the bottom of the Mini Washer.

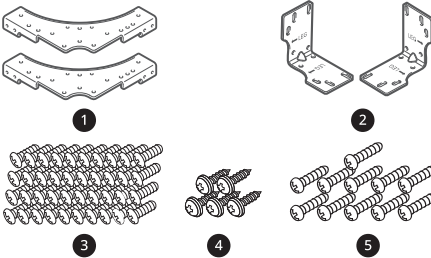


- 2 Remove and save the foam block for future use.
  - If the Mini Washer must be moved in the future, the foam block will help prevent damage to the Mini Washer during transportation.
  - To prevent damage, do not remove the foam block until the Mini Washer is at the final location.
- 3 Turn the top cover about 180 degrees, cover the opening in the top with the top cover and install 4 short sheet metal screw.



## Stacking Mini Washer and Main Washer

### Needed Accessories



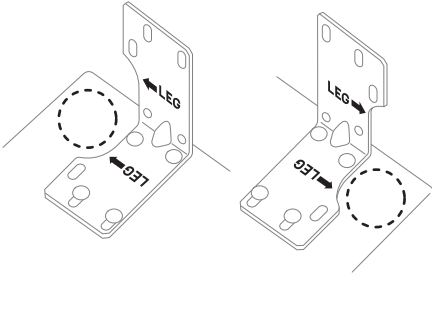
- 1 Front Brackets (2EA)
- 2 Back Brackets (2EA)
- 3 Machine Screw (40EA)
- 4 Short Sheet Metal Screw (5 EA)
- 5 Long Sheet Metal Screw (11 EA)

## NOTE

- Accessories are subject to change by the manufacturer without prior notice for product improvement purposes.

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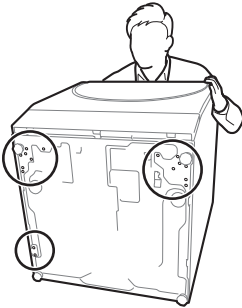
- Attach the two back brackets on the rear top of the Mini Washer by inserting 4 machine screws in each bracket.



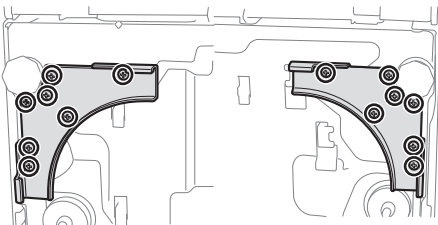
### Screwing up Front Brackets on the Main Washer

**Type 1: The bottom of the Main Washer is steel and its colour is silver.**

- Tilt and hold the Main Washer.

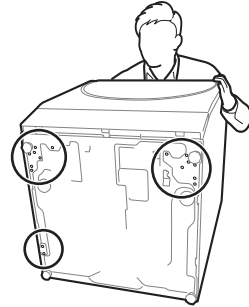


- Attach the two front brackets to the bottom of the Main Washer and screw up each bracket using machine screws(7 EA).

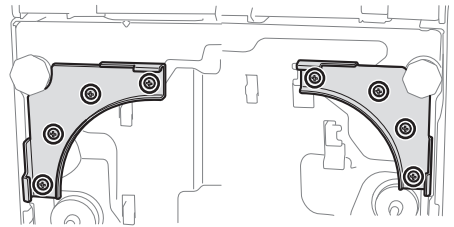


**Type 2: The bottom of the Main Washer is plastic and its colour is white.**

- Tilt and hold the Main Washer.



- Attach the two front brackets to the bottom of the Main Washer and screw up each bracket using machine screws(4 EA).



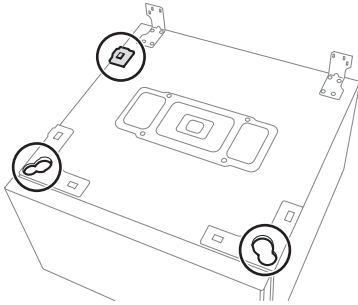
### NOTE

- If the front brackets are assembled in the Main Washer, or there is stacking feature on the base of Main Washer, do not install the front brackets provided with the Mini Washer.

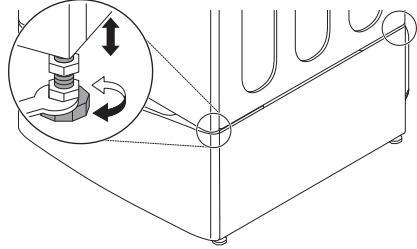
### Stacking Main Washer on Mini Washer

- Place the Main Washer on top of the Mini Washer.

- Place the leveling feet of the Main Washer inside the bracket openings on the Mini Washer, and align the bracket screw holes.

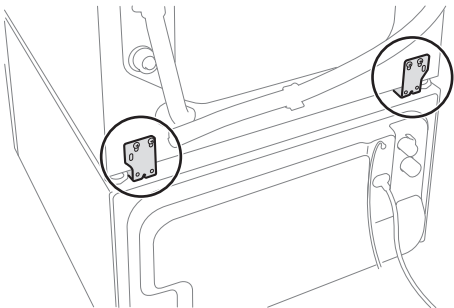
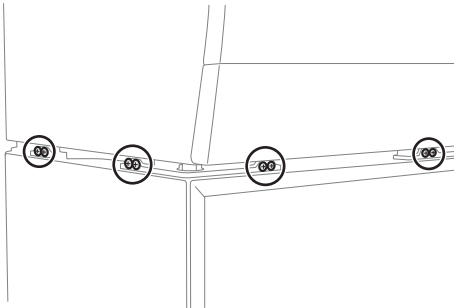


- 3 Turn the feet of the Main Washer slightly until they are firmly snug up against the Mini Washer. Loosen the adjustable feet by turning them clockwise for a half turn with a spanner. Then tighten the four lock nuts. All lock nuts must be tightened.



- 2 Securely attach the two washer at the corners using screws.

- First, insert screws on each side. Then insert screws on the front and back side.



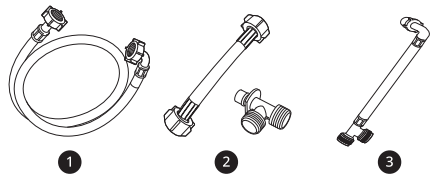
**NOTE**

- The Mini Washer will not work as a stand-alone unit.

**Connecting the Water Supply Hose**

**Needed Accessories**

\*1 The included accessories vary depending on the model you purchased.



- 1 Water Supply Hose(for cold water)
- 2 Connecting Supply Hose and Disassembled Connector\*1
- 3 Connecting Supply Hose with Assembled Connector\*1

**NOTE**

- It can be difficult to assemble if it is not assembled in the proper order, or if the Mini washer has not been leveled prior to placing the Main washer on top.

## Note for Connection

- Water pressure must be between **50 kPa** and **800 kPa** (0.5 – 8.0 kgf/cm<sup>2</sup>). If the water pressure is more than **800 kPa**, a decompression device should be installed.
- Periodically check the condition of the water supply hose and replace the water supply hose if necessary.

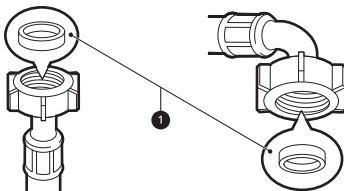
## NOTE

- If the water pressure is near or over 800 kPa, a water pressure reduction device should be installed to both taps.
- Exceeding 65 °C can damage some clothes.
- Temperatures below 4 °C can cause hoses to freeze and burst and unfavourable wash results due to undissolved detergent.
- Cold inlet Water Temperatures over 25 °C can cause damage to clothes such as delicate Woollens
- Do not overtighten the water supply hose or use mechanical devices to tighten onto the inlet valves.
- No further backflow protection is required for connection to the water inlet.

## Checking the Rubber Seal

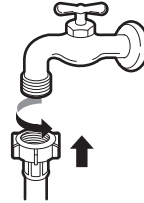
Two rubber seals **1** are supplied with the water supply hose. They are used to prevent water leaks. Connection to taps is sufficiently tight.

- Do not use mechanical devices such as multi grips to tighten the water supply hose. Ensure that the curved end of the water supply hose is connected to the appliance.



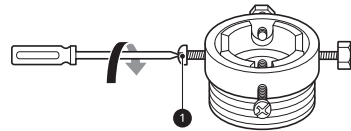
## Connecting the Hose to the Water Tap

**Connecting Screw-Type Hose to Tap with Thread**  
Screw the supply hose connector onto the water supply tap.

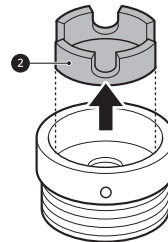


**Connecting Screw-Type Hose to Tap Without Thread**

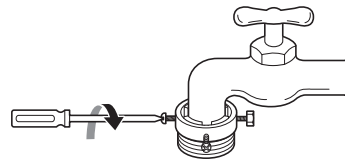
- 1 Loosen the 4 fixing screws **1**.



- 2 Remove the guide plate **2** if the tap is too large to fit the adapter.

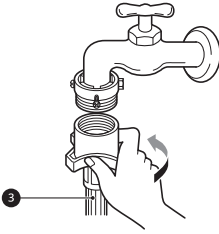


- 3 Push the adapter onto the end of the tap so that the rubber seal is connected to be watertight. Tighten the 4 fixing screws.

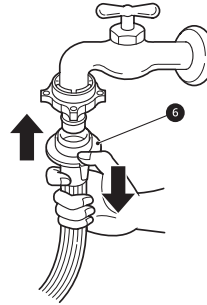


- 4 Push the inlet hose **3** vertically upwards so that the rubber seal within the hose can adhere

completely to the tap and then tighten the hose by screwing it to the right.

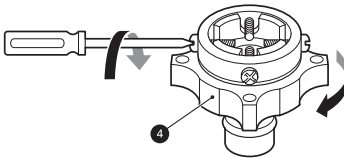


connector latch plate. Make sure the adapter locks into place.



### Connecting One Touch Type Hose to Tap Without Thread

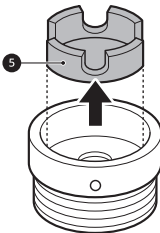
- 1 Unscrew the adapter ring plate ④ and loose the 4 fixing screws.



### NOTE

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

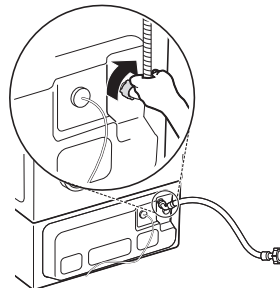
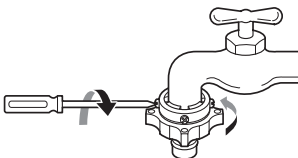
- 2 Remove the guide plate ⑤ if the tap is too large to fit the adapter.



### Connecting the Cold Supply Hoses to Both Washing Machines

- 1 Open the accessory package for the Mini Washer installation accessories.
- 2 Connect the water supply hose of Mini Washer to the COLD water supply hose connector.

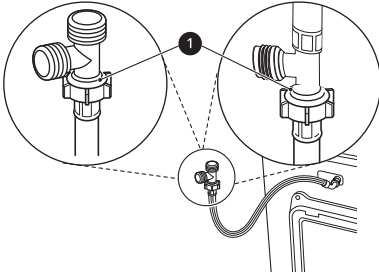
- 3 Push the adapter onto the end of the tap so that the rubber seal is connected to be watertight. Tighten the 4 fixing screws and the adapter ring plate.



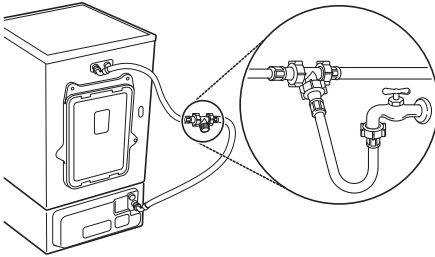
- 4 Pull the connector latch plate ⑥ down, push the inlet hose onto the adapter, and release the

## 16 INSTALLATION

- 3** Connect one end of the cold water supply hose connector **1** to the cold water supply hose of the Main Washer first.



- 4** Connect the additionally provided water supply hose of Main Washer to the cold water supply hose connector and cold water tap.

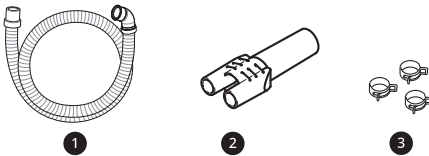


### NOTE

- Make sure the water supply hose is not kinked or pinched.

## Installing the Drain Hose

### Needed Accessories



**1** Water Drain Hose

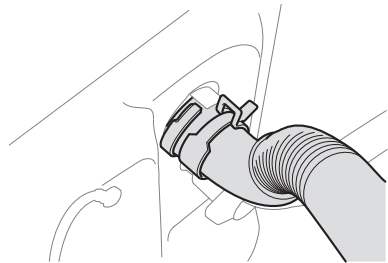
**2** Water Drain Hose Connector

**3** Band Clamps (3 EA)

## Connecting the Drain Hose to the Mini Washer

The drain hose should not be placed higher than **100 cm** above the floor. Water in the appliance may not drain or may drain slowly.

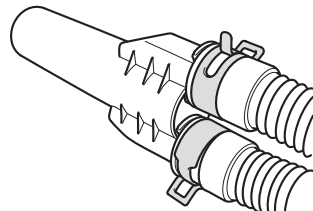
- 1** Insert the band clamp onto the drain hose elbow. Pliers may be required to open the clamp so it can be fitted to the rubber end of the hose.
- 2** With the hose leading up from the elbow, firmly insert the elbow onto the drain outlet on the back of Mini Washer.



- 3** Adjust the band clamp with pliers to keep the hose securely in place and prevent leaking.

## Connecting the Drain Connector

- 1** Insert the included band clamps on to the ends of the two drain hoses.
- 2** Connect the drain hose of Main Washer and Mini Washer to the drain connector.



- 3** Connect the drain hose to the drain spigot on the laundry sink or bench top fitting.

## ⚠ CAUTION

- Adjust the band clamps to prevent the hoses from coming loose or leaking. Failure to do so could result in flooding. Use of the drain connector helps avoid siphoning, odors, or improper draining.
- Make sure the drain hoses are not kinked or pinched. This is a potential cause of drainage problems or noise.

## NOTE

- Depending on the installation environment, you may have to purchase a separate drain hose connector. The connector supplied will suit a standard laundry tub side drain hole.

## Levelling the Appliance

### Checking the Level

When pushing down the edges of the top plate diagonally, the appliance should not move up and down at all (check both directions).

- If the appliance rocks when pushing the top plate of the appliance diagonally, adjust the feet again.
- Check whether the appliance is perfectly level after installation.

## NOTE

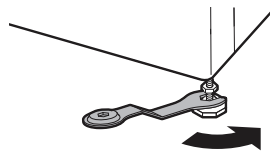
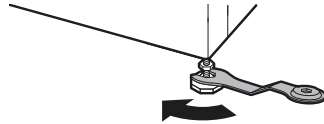
- Timber or suspended type flooring may contribute to excessive vibration and unbalance. Reinforcement or bracing of the timber floor may need to be considered to stop or reduce excessive noise and vibration.

## Adjusting and Levelling the Feet

When installing the appliance, the appliance should be aligned and perfectly level. If the appliance is not aligned and level properly, the

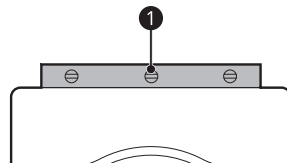
appliance may be damaged or may not operate properly.

- 1 Turn the levelling feet as required if the floor is uneven.
  - Do not insert pieces of wood etc. under the feet.
  - Make sure that all four feet are stable and resting on the floor.



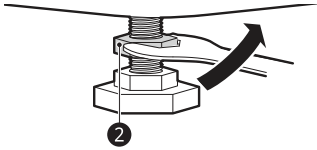
## NOTE

- Do not install the washing machine on a plinth, stand or elevated surface unless it is manufactured by LG Electronics for use with this model.
- 2 Check if the appliance is perfectly level using a spirit level ①.



## 18 INSTALLATION

- Secure the levelling feet with the lock nuts ② by turning anti-clockwise against the bottom of the appliance.



- Check if all lock nuts at the bottom of the appliance are secured properly.

### **⚠ WARNING**

- After stacking the Main Washer on to the Mini Washer, use the leveling feet on Mini Washer to level both. Main Washer's leveling feet should already be firmly snug against the Mini Washer and the locknuts turned counter-clockwise to secure them.

### **NOTE**

- Proper placement and levelling of the appliance will ensure long, regular, and reliable operation.
- The appliance must be 100% horizontal and stand firmly in position on a hard flat floor.
- It must not 'Seesaw' across corners under the load.
- Do not let the feet of the appliance get wet. Failure to do so may cause vibration or noise.

## Using Anti-Slip Sheets

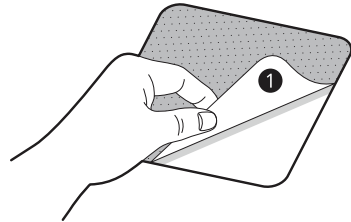
This feature may vary depending on the model purchased.

If you install the appliance on a slippery surface, it may move because of excessive vibration. Incorrect levelling may cause malfunction through noise and vibration. If this occurs, install the anti-slip sheets under the levelling feet and adjust the level.

- Clean the floor to attach the anti-slip sheets.

- Use a dry rag to remove and clean foreign objects and moisture. If moisture remains, the anti-slip sheets may slip.

- Adjust the level after placing the appliance in the installation area.
- Place the adhesive side ① of the anti-slip sheets on the floor.
  - The most effective way is to install the anti-slip sheets under the front feet. If it is difficult to place the sheets under the front feet of the appliance, attach them under the rear feet.



- Put the appliance on the anti-slip sheets.
  - Do not attach the adhesive side ① of anti-slip sheets to the feet of the appliance.

### **NOTE**

- Additional anti-slip sheets are available at LG Electronics service centre.

# OPERATION

## Operation Overview

### Using the Appliance

- 1 Sort clothes and load items.
  - Sort clothes by fabric type, soil level, colour and load size as needed. Open the door and load items into the appliance.
- 2 Add cleaning products or detergent and softener.
  - Add the proper amount of detergent with the detergent measuring cup to the washing drum evenly.
- 3 Closing the door and drawer.
- 4 Turn on the appliance.
  - Press the **Power** button to turn on the appliance.
- 5 Choose the desired cycle.
  - Press the cycle button repeatedly until the desired cycle is selected.
- 6 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.
- 7 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.
  - After washing is complete, wipe off the washing machine door, gasket and inside

the washing drum with a soft dry towel for clean washing.

## Preparing the Wash Load


### Sorting the Clothes


- For best washing results, sort your clothes according to the care label stating fabric type and washing temperature.
- Soil level (Heavy, Normal, Light): Separate clothes according to soil level. Wash lightly soiled items to the Mini Washer, and then wash heavily or normally soiled items to LG Main Washer.
- Colour (White, Lights, Dark): 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.

### Symbols on the Care Labels

Symbol	Wash / Fabric type
	<ul style="list-style-type: none"> <li>• Normal Wash</li> <li>• Cotton, Mixed Fabrics</li> </ul>
	<ul style="list-style-type: none"> <li>• Easy Care</li> <li>• Synthetic, Mixed Fabrics</li> </ul>
	<ul style="list-style-type: none"> <li>• Special Delicate Wash</li> <li>• Delicates</li> </ul>
	<ul style="list-style-type: none"> <li>• Hand Wash Only</li> <li>• Wool, Silk</li> </ul>

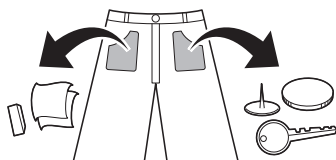
Symbol	Wash / Fabric type
	<ul style="list-style-type: none"> <li>Do not wash</li> </ul>

## 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.



## Closing the Door and Drawer

- 1 Gently push down on the Mini Washer's Lid until it clicks.
- 2 Push the drawer until it has completely closed.

## ⚠ CAUTION

- Do not let your hands get stuck between the door and the washing machine, as this can cause injury.
- Forcing the drawer or the Lid to open can cause parts to be damaged and safety problems.
- Closing the drawer before having closed the Lid completely may scratch the Lid glass.
- Ensure the drawer is pulled out completely to prevent the Lid from contacting the front of the Main Washer.

## NOTE

- The Lid lock may fail if there is too much clothes in the mini washer or if the Lid is not completely closed.
-  lights up when the programme starts and the door is locked. To open the drawer, press the **Start/Pause** button to stop the washer.
- If  appears on the display, close the drawer and the Lid completely. After doing so, press the **Start/Pause** button again.
- If the drawer cannot be opened completely, pull the drawer forward with a little force using both hands.
- If power failure occurs during product operation, the door cannot be opened. Restore the power again or contact the LG service centre.
- The Lid may not open due to high ambient temperatures, if this occurs after a wash and there are no error codes on the display, select the **Rinse+Spin** programme or wait until temperatures drop so that the Lid can be released.

## 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.
- Detergent usage may need to be adjusted for water temperature, water hardness, size and soil level of the load. For best results, avoid overdosing the detergent. Failing to do so will cause oversudsing.
- Refer to the label of the clothes, before adding the detergent and choosing the 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 clothes.
  - 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

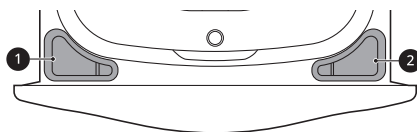
- Do not let the detergent harden. Doing so may lead to blockages, poor rinse performance or odour.

## Adding Detergent and Softener

### Using the Dispenser

- 1 Slide open the drawer.

- 2 Add the detergent and softener into the appropriate compartments.



- 1 Liquid detergent compartment
- 2 Liquid fabric softener compartment

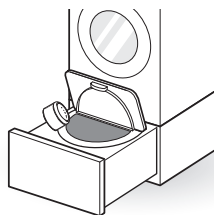
## NOTE

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

- 3 Gently slide the drawer closed before starting the washing programme.

## Using the Detergent Measuring Cup

- 1 Slide open the drawer, open the door.
- 2 Measure the detergent with the detergent measuring cup and pour it into the drum.
  - Use the provided detergent measuring cup to add only one cup of detergent.



- 3 Close the door, slide the drawer closed before starting the washing programme.

## NOTE

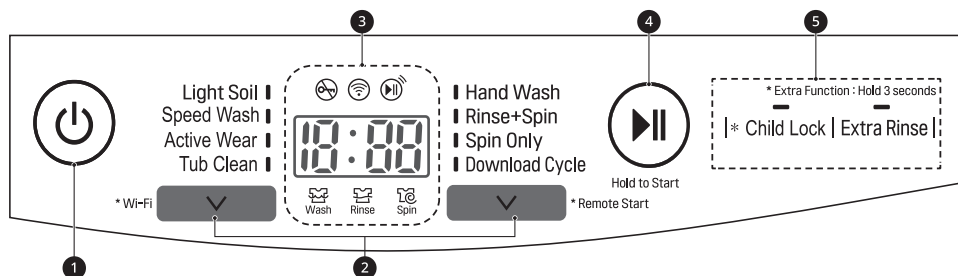
- Less detergent is required for lightly soiled items. Please use appropriate amount of detergent in the Mini Washer. If you use too much detergent, excessive bubbles will remain after rinsing.

### NOTE

- Do not pour liquid detergent and 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 liquid detergent and liquid fabric softener in the dispenser for more than 1 day. Detergent and softener may harden. They may remain in the dispenser if it is too thick. They 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.
-

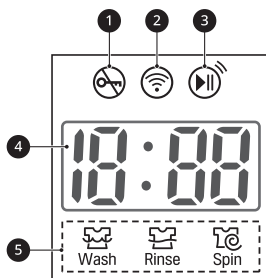
# Control Panel and Programme Table

## Control Panel Features



	Description
①	<p><b>Power On/Off Button</b></p> <ul style="list-style-type: none"> <li>Press this button to turn the washing machine on.</li> </ul>
②	<p><b>Programme Button</b></p> <ul style="list-style-type: none"> <li>Programmes are available according to the clothes type.</li> <li>The lamp will light up to indicate the selected programme.</li> </ul>
③	<p><b>Display</b></p> <ul style="list-style-type: none"> <li>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.</li> <li>While the load weight is sensed automatically, the display on the control panel blinks.</li> </ul>
④	<p><b>Start/Pause Button</b></p> <ul style="list-style-type: none"> <li>This button is used to start the wash cycle or pause the wash cycle.</li> <li>If a temporary stop of the wash cycle is needed, press this button.</li> </ul> <p><b>NOTE</b></p> <ul style="list-style-type: none"> <li>If you do not press the <b>Start/Pause</b> button within a certain time, the Mini Washer automatically turns off and all cycle settings are lost.</li> </ul>
⑤	<p><b>Extra Options and Functions</b></p> <ul style="list-style-type: none"> <li>To use the extra functions, press and hold the corresponding button for 3 seconds. The corresponding symbol lights up in the display.</li> <li>This allows you to select an additional programmes and will light when selected.</li> </ul> <p><b>Remote Start</b></p> <p>With the <b>LG ThinQ</b> app, you can use a smartphone to control your appliance remotely.</p> <ul style="list-style-type: none"> <li>In order to use this function, refer to <b>SMART FUNCTIONS</b>.</li> </ul> <p><b>Wi-Fi</b></p> <p>Press and hold the <b>√</b> button for 3 seconds to initiate the connection of the appliance to the <b>LG ThinQ</b> application.</p>

## Time and Status Display



	Description
1	🔒 lights up when the programme starts and the door is locked.
2	📶 lights up when the appliance is connected to Wi-Fi network at home.
3	📡 lights up when the remote control feature is activated.
4	<b>Estimated Time Remaining</b> <ul style="list-style-type: none"> <li>When a washing programme is selected, the default time for that programme is displayed. This time will change as options are selected.</li> <li>If the display shows ---, then the time will be displayed after the load sensing has detected the load size. This is normal.</li> <li>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.</li> </ul>
5	<b>Programme Status Indicators</b> <ul style="list-style-type: none"> <li>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.</li> </ul>

## Washing Programme

Light Soil		Max. Load: Rating
Description	Washes small loads of lightly soiled clothes, except delicate fabrics such as wool or silk. <ul style="list-style-type: none"> <li>Pressing the <b>Start/Pause</b> button without selecting a programme will cause the <b>Light Soil</b> programme to begin immediately, using the default settings.</li> </ul>	

Speed Wash		Max. Load: 1.5 kg
Description	Washes small loads of lightly soiled clothes in a short time. <ul style="list-style-type: none"> <li>Use very little detergent in this programme.</li> </ul>	

Active Wear		Max. Load: 1.0 kg
Description	Washes special garments like leggings or seamless sports bras. <ul style="list-style-type: none"> <li>Use 1/2 the amount of detergent recommended by the manufacturer for a normal load.</li> <li>Do not wash white or brightly coloured clothes with darkly coloured clothes that can discharge colours.</li> <li>It is more effective to pre-wash clothes which is stained with blood or milk briefly with cold water before carrying out main washing helps remove stains more effectively.</li> <li>Bubble Removing Function: If an excessive amount of detergent is used, the bubble removing function may operate.</li> <li>Lowering Drain Temperature Function: For the safety, cold water is briefly supplied before draining to lower the water temperature.</li> </ul>	

Tub Clean		-
Description	This function helps clean the inside of your appliance's tub.	

Hand Wash		Max. Load: 1.0 kg
Description	Washes hand-washable and machine-washable delicate clothes such as washable wool, lingerie, dresses etc. <ul style="list-style-type: none"> <li>Use detergent for machine washable woolens</li> <li>To help prevent damage to clothes, the drum spins gently to the left and right for washing.</li> </ul>	

Rinse+Spin		Max. Load: 1.5 kg
Description	Rinses and spins clothes. Use fabric softener if needed.	

Download Cycle		-
Description	This programme allows you to download a new and special washing programme to your appliance with a smartphone.	

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### NOTE

- 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.
  - Always follow garment manufacturer's care label or instructions when washing to avoid damage to clothes.
  - Neutral detergent is recommended.
-

## Extra Options and Functions

### Using Spin Only

Use this option to spin a hand washed clothes that may not have been washed in the machine.

- 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 Select the **Spin Only** programme.
- 4 Press the **Start/Pause** button.

### Adjusting the Number of Rinse

Press the **Extra Rinse** button to increase the number of rinse.

- 1 Prepare the clothes and load the drum.
- 2 Press the **Power** button.
- 3 Add detergent.
- 4 Select a washing programme.
- 5 Press the **Extra Rinse** button as necessary, and then the number of rinsing cycles will be displayed. (1 up to 5 rinses can be selected depending on the programme)
- 6 Press the **Start/Pause** button.

## Locking/Unlocking the Control Panel for Safety

Use the **Child Lock** 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,  $\square$  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/Unlocking the Control Panel

- 1 Turn on the power.
- 2 Press and hold the **Child Lock** button for 3 seconds to activate/deactivate this function.

# SMART FUNCTIONS

## Using LG ThinQ Application

### LG ThinQ Application Features

Communicate with the appliance from a smartphone using the convenient smart features.

#### Remote Start

It allows you to control the appliance remotely from the **LG ThinQ** application.

#### Download Cycle

You can download new and special cycles that are not included in the basic cycles on the appliance.

A variety of specialty cycles specific to the appliance can be downloaded to the successfully registered appliances.

Once cycle download is completed in the appliance, the appliance keeps the downloaded cycle until a new cycle is downloaded.

### NOTE

- Only one downloaded cycle can be stored on the appliance at a time.

#### Tub Clean Coach

This function shows how many cycles remain before it is time to run the **Tub Clean** function.

#### Energy Monitoring

This function checks the energy consumption of the recently used cycles and monthly average.

#### Smart Diagnosis

This function provides useful information for diagnosing and solving issues with the appliance based on the pattern of use.

#### Settings

Allows you to set various options on the appliance and in the application.

#### Push Alert

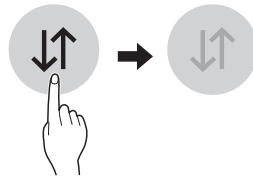
When the cycle is complete or the appliance has problems, you have the option of receiving push notifications on a smartphone. The notifications are triggered even if the **LG ThinQ** application is off.

### NOTE

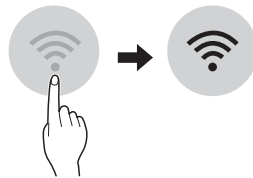
- If you change your wireless router, Internet service provider, or password, delete the registered appliance from the **LG ThinQ** application and register it again.
- The application is subject to change for appliance improvement purposes without notice to users.
- Functions may vary by model.

## Before Using LG ThinQ Application


- 1 Check the distance between the appliance and the wireless router (Wi-Fi network).
  - If the distance between the appliance and the wireless router is too far, the signal strength becomes weak. It may take a long time to register or installation may fail.
- 2 Turn off the **Mobile data** or **Cellular Data** on your smartphone.



- 3 Connect your smartphone to the wireless router.



**NOTE**

- To verify the Wi-Fi connection, check that  icon on the control panel is lit.
- The appliance supports 2.4 GHz Wi-Fi networks only. To check your network frequency, contact your Internet service provider or refer to your wireless router manual.
- **LG ThinQ** is not responsible for any network connection problems or any faults, malfunctions, or errors caused by network connection.
- If the appliance is having trouble connecting to the Wi-Fi network, it may be too far from the router. Purchase a Wi-Fi repeater (range extender) to improve the Wi-Fi signal strength.
- The Wi-Fi connection may not connect or may be interrupted because of the home network environment.
- The network connection may not work properly depending on the Internet service provider.
- The surrounding wireless environment can make the wireless network service run slowly.
- The appliance cannot be registered due to problems with the wireless signal transmission. Unplug the appliance and wait about a minute before trying again.
- If the firewall on your wireless router is enabled, disable the firewall or add an exception to it.
- The wireless network name (SSID) should be a combination of English letters and numbers. (Do not use special characters.)
- Smartphone user interface (UI) may vary depending on the mobile operating system (OS) and the manufacturer.
- If the security protocol of the router is set to **WEP**, you may fail to set up the network. Please change it to other security protocols (**WPA2** is recommended) and register the product again.

## Installing the LG ThinQ Application

Search for the **LG ThinQ** application from the Google Play Store or Apple App Store on a

smartphone. Follow instructions to download and install the application.

## Using the Appliance Remotely

### Remote Start

Use a smartphone to control your appliance remotely. You can also monitor your cycle operation so you know how much time is left in the cycle.

### Using this function

- 1 Put the clothes into the drum.
  - If desired, add bleach or fabric softener to the appropriate areas of the dispenser.
- 2 Press the **Power** button.
- 3 Press and hold the **V** button for 3 seconds to enable the remote control function.
- 4 Start a cycle from the **LG ThinQ** application on your smartphone.

**NOTE**

- Once this function is enabled, you can only start a cycle from the **LG ThinQ** smartphone application. If the cycle is not started, the appliance will wait to start the cycle until it is turned off remotely from the application or this function is disabled.
- If the door has been opened, you can not start a cycle remotely.

### Disable this function manually

When this function is activated, press and hold the **V** button for 3 seconds.

## RF Radiation Exposure Statement

This equipment shall be installed and used at a minimum distance of 20 cm from the human body.

## Open Source Software Notice Information

To obtain the source code under GPL, LGPL, MPL, and other open source licenses that have the obligations to disclose source code, that is contained in this product, and to access all referred license terms, copyright notices and other relevant documents please visit <https://opensource.lge.com>.

LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to [opensource@lge.com](mailto:opensource@lge.com).

This offer is valid to anyone in receipt of this information for a period of three years after our last shipment of this product.

## Smart Diagnosis

Use this feature to help you diagnose and solve problems with your appliance.

### NOTE

- For reasons not attributable to LGE's negligence, the service may not operate due to external factors such as, but not limited to, Wi-Fi unavailability, Wi-Fi disconnection, local app store policy, or app unavailability.
- The feature may be subject to change without prior notice and may have a different form depending on where you are located.

## Using LG ThinQ to Diagnose Issues

If you experience a problem with your Wi-Fi equipped appliance, it can transmit troubleshooting data to a smartphone using the **LG ThinQ** application.

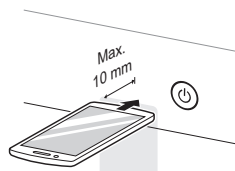
- Launch the **LG ThinQ** application and select the **Smart Diagnosis** feature in the menu. Follow the instructions provided in the **LG ThinQ** application.

## Using Audible Diagnosis to Diagnose Issues

Follow the instructions below to use the audible diagnosis method.

- Launch the **LG ThinQ** application and select the **Smart Diagnosis** feature in the menu. Follow the instructions for audible diagnosis provided in the **LG ThinQ** application.

- 1 Press the **Power** button to turn on the appliance.
  - Do not press any other buttons.
- 2 Place the mouthpiece of your smartphone close to the **Power** button.



- 3 Press and hold the **Tub Clean** button for 3 seconds or longer while holding the smartphone mouthpiece to the **Power** button until the data transfer is complete.
  - Keep the smartphone in place until the data transfer has finished. Time remaining for data transfer is displayed.
- 4 After the data transfer is complete, the diagnosis will be displayed in the application.

### NOTE

- For best results, do not move the smartphone while the tones are being transmitted.

# MAINTENANCE

## ⚠ WARNING

- Unplug the appliance before cleaning to avoid the risk of electric shock. Failure to follow this warning may result in serious injury, fire, electric shock, or death.
- Never use harsh chemicals, abrasive cleaners, or solvents to clean the appliance. They may damage the finish.

## 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 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.

### 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

### 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 **tcL** message will be displayed to alert to the recommendation of operating this function.

- 1 Remove any clothing or items from the appliance.

## 32 MAINTENANCE

- 2 Dilute 200 ml liquid chlorine bleach in 1 liter of water and pour the mixture in the drum.
- 3 Close the door and drawer.
- 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.

### **⚠ WARNING**

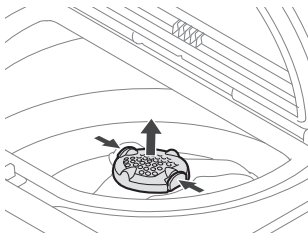
- Leave the door open to dry inside of the appliance only if the children are supervised at home.

## Cleaning the Lint Filter

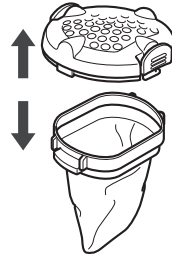
The filter is an important part for an efficient washing performance result, so take a special care. Clean the filter regularly.

- Clean the lint filter after at least 2 - 3 washes.

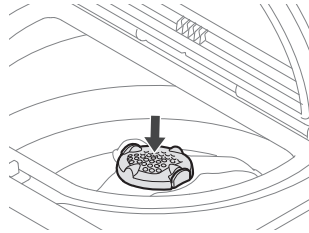
- 1 Squeeze the side tabs and lift out the filter.



- 2 Open the cap and remove any lint before washing it.



- 3 Wash the filter with a soft brush.
- 4 Insert the lower part of the filter into the drum and close the cap until you hear a click sound.



### **⚠ CAUTION**

- Do not leave iron objects (such as clothes pins, hairpins, etc.) in the lint filter as they promote rust.
- Do not leave the lint filter loosely or poorly fitted. Doing so may damage the fabrics or the washing machine.
- Do not operate the washing machine without the lint filter.

### **NOTE**

- When the lint filter is damaged, contact an LG service centre.

## Cleaning the Water Inlet Filter

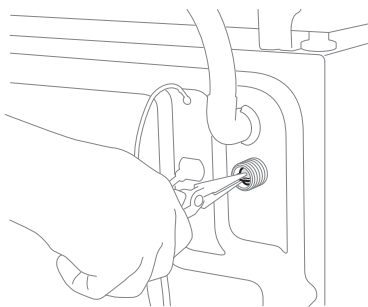
The water inlet filter collects lime or any sediment that may be in water that is supplied to the appliance. Clean the inlet filter every six months or

so, or more often if the water is very hard or contains traces of limescale.

- 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 power and the water tap and then 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.



## 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
<b>IE</b> <b>INLET ERROR</b>	<b>Water supply is not adequate in that location. Water does not enter appliance or it enters slowly.</b> <ul style="list-style-type: none"> <li>• Check another tap in the house.</li> </ul>
	<b>Water supply tap is not completely open. Water does not enter the appliance or it enters slowly.</b> <ul style="list-style-type: none"> <li>• Open fully tap.</li> </ul>
	<b>Water supply hose(s) are kinked.</b> <ul style="list-style-type: none"> <li>• Straighten hose or reinstall the water inlet hose.</li> </ul>
	<b>The filter of the supply hose(s) are clogged.</b> <ul style="list-style-type: none"> <li>• Check and clean the inlet valve filter after turning off the taps and removing the hose connections to the washing machine.</li> </ul>
<b>UE</b> <b>UNBALANCE ERROR</b>	<b>Rebalancing operation is not successful.</b> <ul style="list-style-type: none"> <li>• The automatic attempt to rebalance the clothes was not successful. The cycle has been paused to allow the laundry to be manually adjusted.</li> </ul>
	<b>The load is too small.</b> <ul style="list-style-type: none"> <li>• Add more items to allow the appliance to balance the clothes.</li> </ul>
	<b>Heavy items are mixed with lighter items.</b> <ul style="list-style-type: none"> <li>• Wash items of somewhat similar weight.</li> </ul>
	<b>The load is out of balance.</b> <ul style="list-style-type: none"> <li>• Manually redistribute the clothes if laundry have become tangled.</li> </ul>
<b>OE</b> <b>WATER OUTLET ERROR</b>	<b>Drain hose is kinked or clogged. Water in the appliance does not drain or drains slowly.</b> <ul style="list-style-type: none"> <li>• Clean and straighten the drain hose.</li> </ul>

Symptoms	Possible Cause & Solution
dE   dE2 Drawer ERROR	<p><b>Drawer is not closed properly.</b></p> <ul style="list-style-type: none"> <li>After turning the power off and on, press the <b>Start/Pause</b> button twice while pushing the front of the drawer.</li> <li>When the drawer opens, check for clothing or other obstructions under the drawer and on the left and right sides.</li> </ul>
dE4 Drawer ERROR	<p><b>Drawer is not closed properly.</b></p> <ul style="list-style-type: none"> <li>Check for clothing or other obstructions under the drawer and on the left and right sides.</li> </ul>
d0 DOOR ERROR	<p><b>Door is not closed properly.</b></p> <ul style="list-style-type: none"> <li>Open the drawer and make sure the latch area is free of clothing or other obstructions.</li> <li>Close the door, shut the drawer, and press Start/Pause to start the cycle.</li> <li>This error message is displayed though the drawer is closed, call for service.</li> </ul>
EE CONTROL ERROR	<p><b>This is a control error.</b></p> <ul style="list-style-type: none"> <li>Unplug the power plug and call for service.</li> </ul>
LE MOTOR LOCKED ERROR	<p><b>Over load in motor.</b></p> <ul style="list-style-type: none"> <li>Let the appliance wait for 30 minutes until the motor is cooled down and then, restart the cycle.</li> </ul>
FE OVERFLOW ERROR	<p><b>Water overfills due to a possible faulty water valve.</b></p> <ul style="list-style-type: none"> <li>Close the water tap. Unplug the power plug. Call for service.</li> </ul>
PE PRESSURE SENSOR ERROR	<p><b>Water level sensor malfunctions.</b></p> <ul style="list-style-type: none"> <li>Close the water tap. Unplug the power plug. Call for service.</li> </ul>
E7 STACKING ERROR	<p><b>You may operate the Mini Washer without stacking a full-size washing machine.</b></p> <ul style="list-style-type: none"> <li>Mini Washer will not operate as a standalone unit. It must be stacked under a suitable LG front-loading washing machine.</li> </ul> <p><b>Stacking switch is not working properly.</b></p> <ul style="list-style-type: none"> <li>The product is for use only in combination with LG authorized appliances. Call the customer information centre to check out LG authorized appliances.</li> </ul>
FF FROZEN FAILURE	<p><b>Is supply/drain hose or drain pump frozen?</b></p> <ul style="list-style-type: none"> <li>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.</li> </ul>
EcL TUB CLEAN ALARM	<p><b>The programme has run more than 30 times.</b></p> <ul style="list-style-type: none"> <li>Run the <b>Tub Clean</b> function.</li> </ul>


Symptoms	Possible Cause & Solution
<b>CL</b> <b>CHILD LOCK FUNCTION</b>	<b>CL is not an error. This prevents children from changing cycles or operating the appliance.</b> <ul style="list-style-type: none"> <li>Turn off the <b>Child Lock</b> function in the control panel.</li> </ul>

## Noises You Might Hear

Symptoms	Possible Cause & Solution
<b>Rattling and clanking noise</b>	<b>Foreign objects, such as keys, coins, or safety pins may be in the drum.</b> <ul style="list-style-type: none"> <li>Stop the appliance, check the drum for foreign objects. If the noise continues after the appliance is restarted, call for service.</li> </ul>
<b>Thumping sound</b>	<b>Heavy clothes may produce a thumping sound. This is usually normal.</b> <ul style="list-style-type: none"> <li>If the sound continues, the appliance is probably out of balance. Stop and redistribute the clothes.</li> </ul>
	<b>The clothes may be out of balance.</b> <ul style="list-style-type: none"> <li>Pause the programme and redistribute the clothes after the door unlocks.</li> </ul>
<b>Vibrating noise</b>	<b>Package materials are not removed.</b> <ul style="list-style-type: none"> <li>Remove package materials.</li> </ul>
	<b>The clothes may be unevenly distributed in the drum.</b> <ul style="list-style-type: none"> <li>Pause the programme and redistribute the clothes after the door unlocks.</li> </ul>
	<b>Not all levelling feet are resting firmly and evenly on the floor.</b> <ul style="list-style-type: none"> <li>See the <b>Levelling the Appliance</b> instruction to adjust the levelling of the appliance.</li> </ul>
	<b>Floor not rigid enough.</b> <ul style="list-style-type: none"> <li>Check if the floor is solid and does not flex. See the <b>Installation Place Requirements</b> to select the proper location.</li> </ul>

## Operation

Symptoms	Possible Cause & Solution
<b>Water is leaking.</b>	<b>House drain pipes are clogged.</b> <ul style="list-style-type: none"> <li>Unclog waste pipes. Contact plumber if necessary.</li> </ul>
	<b>Leakage is caused by improper installation of drain hose or clogged drain hose.</b> <ul style="list-style-type: none"> <li>Clean and straighten the drain hose. Check and clean the drain filter regularly.</li> </ul>

Symptoms	Possible Cause & Solution
<b>Appliance does not operate.</b>	<b>Control panel has powered off due to inactivity.</b> <ul style="list-style-type: none"> <li>This is normal. Press the <b>Power</b> button to turn the appliance on.</li> </ul>
	<b>Appliance is unplugged.</b> <ul style="list-style-type: none"> <li>Make sure that the cord is plugged securely into a working outlet.</li> </ul>
	<b>Water supply is turned off.</b> <ul style="list-style-type: none"> <li>Turn the water supply tap completely.</li> </ul>
	<b>Controls are not set properly.</b> <ul style="list-style-type: none"> <li>Make sure that the programme is correctly set. Close the door and press the <b>Start/Pause</b> button.</li> </ul>
	<b>Door or Drawer is open.</b> <ul style="list-style-type: none"> <li>Close the door/drawer and make sure that nothing is caught under the door preventing it from closing completely.</li> </ul>
	<b>Circuit breaker/fuse is tripped/blown.</b> <ul style="list-style-type: none"> <li>Check house circuit breakers/fuses. Replace fuses or reset breaker. The appliance should be on a dedicated branch circuit. The appliance will resume the programme where it stopped once power is restored.</li> </ul>
	<b>Control needs to be reset.</b> <ul style="list-style-type: none"> <li>Press the <b>Power</b> button, then reselect the desired programme and press the <b>Start/Pause</b> button.</li> </ul>
	<b>Start/Pause was not pressed after a programme was set.</b> <ul style="list-style-type: none"> <li>Press the <b>Power</b> button, then reselect the desired programme and press the <b>Start/Pause</b> button. The appliance is turned off if the <b>Start/Pause</b> button is not pressed within a certain time.</li> </ul>
	<b>Extremely low water pressure.</b> <ul style="list-style-type: none"> <li>Check another tap in the house to make sure that household water pressure is adequate.</li> </ul>
<b>Washing machine is too cold.</b> <ul style="list-style-type: none"> <li>If the washing machine has been exposed to temperatures below freezing for an extended period of time, allow it to warm up before pressing the <b>Power</b> button.</li> </ul>	
<b>The drawer does not open.</b>	<b>The drawer cannot be opened for safety reasons once the appliance starts.</b> <ul style="list-style-type: none"> <li>This is normal. You can safely open the drawer after  turns off.</li> </ul>

Symptoms	Possible Cause & Solution
<b>Appliance is not filling properly.</b>	<b>Inlet filter clogged.</b> <ul style="list-style-type: none"> <li>• Make sure the inlet filters on the fill valves are not clogged.</li> </ul>
	<b>Inlet hoses may be kinked.</b> <ul style="list-style-type: none"> <li>• Check that inlet hoses are not kinked or clogged.</li> </ul>
	<b>Insufficient water supply.</b> <ul style="list-style-type: none"> <li>• Make sure that both hot and cold water taps are turned on all the way.</li> </ul>
	<b>The door and drawer are open.</b> <ul style="list-style-type: none"> <li>• The Mini Washer will not operate if the lid is open. Close the lid and make sure that nothing is caught under the lid preventing it from closing completely.</li> </ul>
	<b>Water level in the tub appears to be too low.</b> <ul style="list-style-type: none"> <li>• The fill level is optimized for the wash motion to achieve the best wash results.</li> </ul>
<b>Appliance does not drain water.</b>	<b>Drain hose is kinked, pinched, or clogged.</b> <ul style="list-style-type: none"> <li>• Make sure the drain hose is free of blockages, kinks, etc., and is not pinched behind or under the washing machine.</li> </ul>
<b>Cycle time is longer than usual.</b>	<b>The load is too small.</b> <ul style="list-style-type: none"> <li>• Add more items to allow the appliance to balance the loads.</li> </ul>
	<b>Heavy articles are mixed with lighter items.</b> <ul style="list-style-type: none"> <li>• Always try to wash articles with similar weight in order to allow the appliance to evenly distribute the weight of the load for spinning.</li> </ul>
	<b>The load is out of balance.</b> <ul style="list-style-type: none"> <li>• Manually redistribute the load if articles have become tangled.</li> </ul>
<b>Cycle end is delayed</b>	<b>Unbalance is detected or suds removing programme is on.</b> <ul style="list-style-type: none"> <li>• This is normal. The time remaining shown on the display is only an estimated duration. Actual time may vary.</li> </ul>

## Performance

Symptoms	Possible Cause & Solution
<b>Poor stain removal</b>	<b>Heavily soiled clothes</b> <ul style="list-style-type: none"> <li>• Use Main Washer</li> </ul>
	<b>Previously set stains.</b> <ul style="list-style-type: none"> <li>• 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.</li> </ul>

Symptoms	Possible Cause & Solution
<b>Staining</b>	<p><b>Clothes were not properly sorted.</b></p> <ul style="list-style-type: none"> <li>Always wash dark colours separately from light colours and whites to prevent discoloration.</li> <li>Never wash heavily soiled items with lightly soiled items.</li> </ul>
<b>Wrinkling</b>	<p><b>Appliance is not unloaded promptly.</b></p> <ul style="list-style-type: none"> <li>Always remove items from the appliance as soon as the programme is complete.</li> </ul>
	<p><b>Appliance is overloaded.</b></p> <ul style="list-style-type: none"> <li>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.</li> </ul>
<b>Musty or mildewy odour in appliance</b>	<p><b>Inside of drum is not cleaned properly.</b></p> <ul style="list-style-type: none"> <li>Run the <b>Tub Clean</b> function regularly.</li> </ul>
	<p><b>Odours can occur if the drain hose is not properly installed, causing siphoning (water flowing back inside of the appliance).</b></p> <ul style="list-style-type: none"> <li>When installing the drain hose, make sure that it does not get kinked or blocked.</li> </ul>

## Wi-Fi

Symptoms	Possible Cause & Solution
<b>Your home appliance and smartphone are not connected to the Wi-Fi network.</b>	<p><b>The password for the Wi-Fi that you are trying to connect to is incorrect.</b></p> <ul style="list-style-type: none"> <li>Find the Wi-Fi network connected to your smartphone and remove it, then register your appliance on <b>LG ThinQ</b>.</li> </ul>
	<p><b>Mobile data for your smartphone is turned on.</b></p> <ul style="list-style-type: none"> <li>Turn off the <b>Mobile data</b> of your smartphone and register the appliance using the Wi-Fi network.</li> </ul>
	<p><b>The wireless network name (SSID) is set incorrectly.</b></p> <ul style="list-style-type: none"> <li>The wireless network name (SSID) should be a combination of English letters and numbers. (Do not use special characters).</li> </ul>
	<p><b>The router frequency is not 2.4 GHz.</b></p> <ul style="list-style-type: none"> <li>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.</li> </ul>
	<p><b>The distance between the appliance and the router is too far.</b></p> <ul style="list-style-type: none"> <li>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.</li> </ul>

