LG
Life's Good

OWNER'S MANUAL

WASHING MACHINE

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.

FH4U2TDH(0-9)N

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TABLE OF CONTENTS

This manual is produced for a group of products and may contain images or content different from the model you purchased.

This manual is subject to revision by the manufacturer.

OPERATION

Using the Washing Machine

Before the first wash, select a cycle (Cotton 60 °C, add a half load of detergent), allow the washing machine to wash without clothing. This will remove residue 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 washing machine.
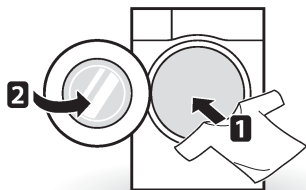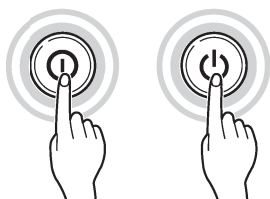
2 Add cleaning products and/or detergent and softener.

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

3 Turn on the washing machine.

- Press the **Power** button to turn ON the washing machine.

4 Choose the desired washing cycle.

- Press the Cycle button repeatedly or turn the cycle selector knob until the desired cycle is selected.

5 Begin cycle.

- Press the **Start/Pause** button to begin the cycle. The washing machine will agitate briefly without water to measure the weight of the load. If the **Start/Pause** button is not pressed within 5 minutes, the washing machine 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 washing machine to reduce wrinkling. Check around the door seal when removing the load for small items that may be caught in the seal.

Sorting laundry

1 Look for a care label on your clothes.

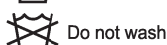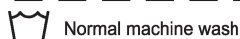- This will tell you about the fabric content of your garment and how it should be washed.

- Symbols on the care labels.

| 30C | 40C | 50C | 60C | 70C | 95C | Wash temperature |

 Normal machine wash

 Permanent press

 Delicate

 Hand wash

 Do not wash

2 Sorting laundry.

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

- Different fabrics need to be washed at varying temperatures and spin speeds.

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

  – Soil (Heavy, Normal, Light)
    Separate clothes according to amount of soil.

  – Colour (White, Lights, Darks)
    Separate white fabrics from coloured fabrics.

  – Lint (Lint producers, Collectors)
    Wash lint producers and lint collectors separately.

3 Caring before loading.

- Combine large and small items in a load. Load large items first.

- Large items should not be more than half the total wash load. Do not wash single items. This may cause an 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 washing machine and your clothes.
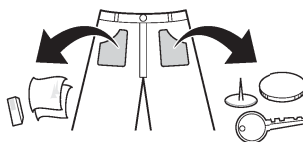
- Close zippers, hooks and strings to make sure that these items don't snag on other clothes.

- Pre-treat dirt and stains by brushing a small amount of detergent dissolved water onto stains to help lift dirt.

- Check the folds of the flexible gasket (gray) and remove any small articles.

- Check inside the drum and remove any items from a previous wash.
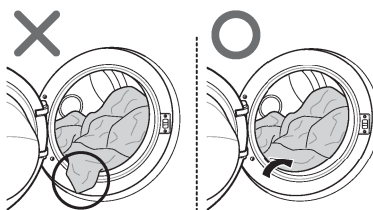
- Remove any clothing or items from the flexible gasket to prevent clothing and gasket damage.

Adding Cleaning Products

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 washing temperature.

- 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 cycle immediately.

- Do not use liquid detergent if you are using Time Delay, or if you have selected Pre Wash, as the liquid may harden.

- If too many suds occur, reduce the detergent amount.

- 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 chooseing the detergent and water temperature:

- When using the washing machine, use designated detergent for each type of clothing only:

  - General powdered detergents for all types of fabric

  - Powdered detergents for delicate fabric

  - Liquid detergents for all types of fabric or designated detergents only for wool

- For better washing performance and whitening, use detergent with the general powdered bleach.

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

- Part load : 3/4 of the normal amount

- Minimum load : 1/2 of full load

Adding Detergent and Fabric Softener

Adding detergent
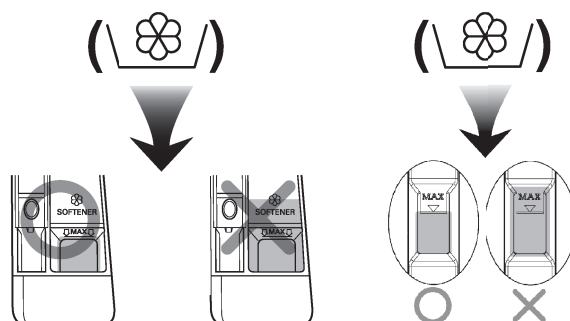
- Main wash only → \ I I /
- Pre wash+Main wash → \ I / • \ I I /

NOTE

- Too much detergent, bleach or softener may cause an overflow.

- Be sure to use the appropriate amount of detergent.

Adding fabric softener

- Do not exceed the maximum fill line. Overfilling can cause early dispensing of the fabric softener, which may stain clothes. Close the dispenser drawer slowly.

- Do not leave the fabric softener in the detergent drawer for more than 2 days (Fabric softener may harden).
- Softener will automatically be added during the last rinse cycle.
- Do not open the drawer when water is being supplied.
- Solvents (benzene, etc) should not be used.

NOTE

- Do not pour fabric softener directly on the clothes.

Adding water softener

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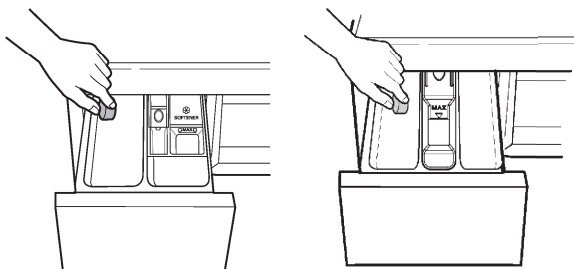
Using tablet

1 Open the door and put tablets into the drum.

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

Control Panel

① Power button

- Press the **Power** button to turn the washing machine on.
- To cancel the Time Delay function, the power button should be pressed.

② Start/Pause button

- This **Start/Pause** button is used to start the wash cycle or pause the wash cycle.
- If a temporary stop of the wash cycle is needed, press the **Start/Pause** button.
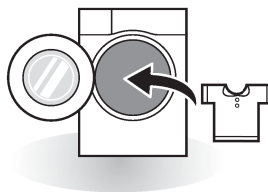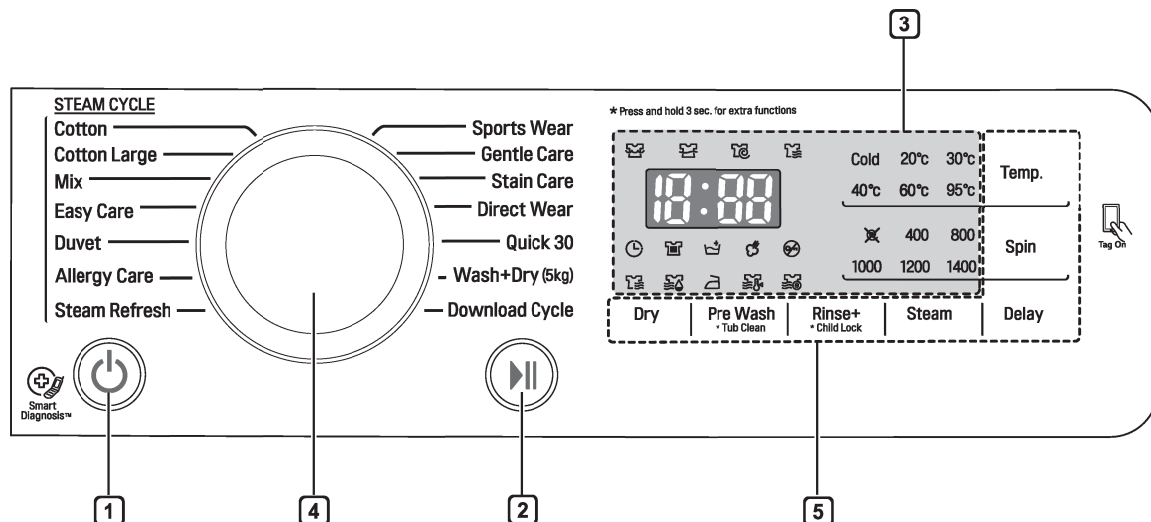
③ Display

- The display shows the settings, estimated time remaining, options, and status messages. When the product is turned on, the default settings in the display will illuminate.
- The display shows estimate time remaining. While the size of the load is being calculated automatically, blinking ▦ or 'Detecting' appears.

④ Programme dial

- Programmes are available according to laundry type.
- Lamp will light up to indicate the selected programme.

⑤ Options

- This allows you to select an additional cycle and will light when selected.
- Use these buttons to select the desired cycle options for the selected cycle.

20

Programme Table

Washing Programme

Programme	Description	Fabric Type	Proper Temp.	Maximum Load
Cotton	Provides better performance by combining various drum motions.	Coloured fast garments (shirts, nightdresses, pajamas, etc) and normally soiled cotton load (underwear).	40°C (Cold to 95°C)	Rating
Cotton Large	Provides optimised washing performance for large amount of laundry with less energy consumption.		60°C (Cold to 60°C)	
Easy Care	This cycle is suitable for casual shirts that do not need ironing after washing.	polyamide, acrylic, polyester	40°C (Cold to 60°C)4	4.5 kg
Mix	Enables various fabrics to be washed simultaneously.	Various kind of fabrics except special garments (silk/delicate, sports wear, dark clothes, wool, duvet/curtains).	40°C (Cold to 40°C)	
Allergy Care	Helps to remove allergens such as house mites, pollen, and cat fur.	cotton, underwear, pillow covers, bed sheets, baby wear	60 °C	
Direct Wear	This cycle provides washing to drying within 80mins at once for light soiled 1–3 shirts.	cotton mixed, polyester mixed dress shirts, blouses	30 °C	3 items
Steam Refresh	Helps to remove wrinkles within 20mins with steam (Clothes may be wet. You can put them on after hang out to dry for 10–30min).	cotton mixed, polyester mixed dress shirts, blouses	No choice	
Duvet	This cycle is for large items such as bed covers, pillows, sofa covers, etc.	Cotton bedding except special garments (delicates, wool, silk, etc.) with filling: duvets, pillows, blankets, sofa covers with light filling	40°C (Cold to 40°C)	1 single size
Sports Wear	This cycle is suitable for sports wear such as jogging clothes and running wear.	coolmax, gore-tex, fleece and sympatex		3.0 kg
Quick 30	This cycle provides a fast washing time for small loads and lightly soiled clothes.	Lightly soiled colour laundry.	30°C (Cold to 40°C)	

Programme	Description	Fabric Type	Proper Temp.	Maximum Load
Wash+ Dry	This cycle provides a nonstop process of washing and drying in the same cycle.	A small amount of laundry which can be dried.	40°C (Cold to 95°C)	5.0 kg
Gentle Care	This cycle is for hand and machine washable delicate clothes such as washable wool, lingerie, dresses etc. (Use detergent for machine washable woolens).	wool, hand washable clothes, delicate, easily damaged laundry	20°C (Cold to 20°C)	1.5 kg
Stain Care	Wash off several kinds of stain such as wine, juice, dirt, etc. (Water temperature is increased step by step for washing various stains.)	cotton blended fabrics, NO delicate clothes	40°C (30°C to 60°C)	3.0 kg
Download Cycle	For downloadable cycles. If you did not download any cycles, the default is Rinse+Spin.			

- Water Temperature: Select the appropriate water temperature for chosen wash cycle. Always follow garment manufacturer's care label or instructions when washing.

NOTE
- Neutral detergent is recommended.

22

Drying Programme

Programme	Description	Fabric Type	Maximum Load
ECO (🔲)	A special cycle to reduce water usage during the dry cycle.	Cotton or linen fabrics such as cotton towels, t-shirts, and linen laundries.	5.0 kg
Cupboard (🔲)	For cottons. Select this cycle to reduce cycle time and energy usage during the dry cycle.		
Normal Eco (🔲)	For energy dry cycle.		
Iron (🔲)	For easy iron, finish drying in damp condition.	Cotton or linen fabrics, ready to iron at the end of cycle.	
Low Temp. (🔲)	For less clothes damage, it dries in low temperature.	easy care textiles, synthetic fabrics suitable for Easy Care, Mix programme washable clothes	
Time 30 min. (🔲)	You can change the drying time according to the maximum load.	cotton, towel	0.5 kg
Time 60 min. (🔲)			1.5 kg
Time 120 min. (🔲)			3.0 kg

- Set programme at 'Wash: Cotton Large 60 °C+1400 rpm' and 'Dry: Normal Eco Dry (First drying cycle load: 4.0 kg, Second drying cycle load: 4.0 kg)' to test in accordance with EN50229.

┌─ **NOTE** ───

- Select maximum selectable spin speed of washing programme to ensure drying results.
- Where the amount of laundry to be washed and dried in one programme does not exceed the maximum weight permitted for the drying programme, washing and drying in one continuous sequence is recommended.

└──

Extra Options

Programme	Delay	Steam	Pre Wash	Rinse+	Dry
Cotton	●	●	●	●	●
Cotton Large	●	●	●	●	●
Easy Care	●	●	●	●	●
Mix	●	●	●	●	●
Allergy Care	●	●*		●	●
Direct Wear	●				●*
Steam Refresh		●*			
Duvet	●	●		●	
Sports Wear	●			●	
Quick 30	●		●	●	●
Gentle Care	●			●	
Wash+Dry	●	●	●	●	●*
Stain Care	●		●*	●	●

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

Operating Data

Programme	Max RPM
Cotton	1400
Cotton Large	1400
Easy Care	1200
Mix	1400
Allergy Care	1400
Direct Wear	1000
Steam Refresh	-
Duvet	1000
Sports Wear	800
Quick 30	1400
Gentle Care	800
Wash+Dry	1400
Stain Care	1200

Option Cycle

Pre Wash (👕)

If the laundry is heavily soiled, the Pre Wash cycle is recommended.

1 Press the **Power** button.

2 Select a washing programme.

3 Press the **Pre Wash** button.

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

Steam (Optional) (✋)

Steam Wash features enhanced washing performance with low energy consumption. Steam Softener sprays steam after a spinning cycle to reduce creases and make the laundry fluffy.

1 Press the **Power** button.

2 For Steam Wash option, select steam cycles. For Steam Softener option, select Cotton or Cotton Large, Mix, Easy Care.

3 The following cycle is selected depending on the number of times you press the **Steam** button.
- Once: Steam Wash
- Twice: Steam Softener
- Three times: Steam Wash and Steam Softener

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

Delay (🕐)

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

1 Press the **Power** button.

2 Select a washing programme.

3 Press the **Delay** button and set time required.

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, wash load and other factors.

Temp.

The **Temp.** button selects the wash and rinse temperature combination for the selected cycle. Press this button until the desired setting is lit. All rinses use cold tap water.

- Select the water temperature suitable for the type of load you are washing. Follow the garment fabric care labels for best results.

Rinse⁺

Rinse⁺ (⌣̇)

Add rinse once.

Spin

- Spin speed level can be selected by pressing the **Spin** button repeatedly.
- Spin Only

1 Press the **Power** button.

2 Press the **Spin** button to select RPM.

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

> **NOTE**
> - When you select 'No Spin' (🚫), it will still rotate for a short time to drain quickly.

Child Lock (🔒)

Select this function to lock the buttons on the control assembly to prevent tampering.

Locking the control panel

1 Press and hold the **Child Lock** button for 3 seconds.

2 A beeper will sound, and '$\mathcal{L}L$' will appear on the display.

When the child lock is set, all buttons are locked except the **Power** button.

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

Unlocking the control panel

Press and hold the **Child Lock** button for 3 seconds.

- A beeper will sound and the remaining time for the current programme will reappear on the display.

Beep On / Off

1 Press the **Power** button.

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

3 Press and hold the **Temp.** and **Steam** button simultaneously for 3 seconds to set the Beep on/off function.

> **NOTE**
> - Once the Beep on/off function is set, the setting is memorized even after the power is turned off.
> - If you want to turn the Beeper off, simply repeat this process.

Dry (Optional) (🧺)

Use the your Automatic cycles 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 washing machine's automatic process from washing to drying can be selected easily.
- For most even drying, make sure all articles in the clothes load are similar in material and thickness.
- Do not overload the washing machine 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 washing machine has finished its cycle, remember to press the **Start/Pause** button.
- By pressing the **Dry** button, you can select: Cupboard-Time (30-60-120)-Eco-Iron-Low Temp.-Normal Eco Dry
- After the end of dry, '$\mathcal{E}_d$' is displayed. '$\mathcal{E}_d$' means crease decreasing. The drying cycle is already done. Press any buttons and take out clothes. If you do not press the **Start/Pause** button, the programme ends after about 4 hours.

> **NOTE**
> - When you turn the washing machine off of the drying cycle, the drying fan motor can be operated to save itself for 30 seconds. Then the washing machine will display '$\mathcal{E}F$' on the panel. '$\mathcal{E}F$' means cooling fan.
> - Be careful when removing your clothing from the washing machine, as the clothing or washing machine may be hot.

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 washing machine
- Take out permanent press articles as soon as the washing machine stops to reduce wrinkles.

Baby clothes and Night Gowns

- Always check the manufacturer's instructions.

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 fiberglass articles in your washing machine. Glass particles left in the washing machine may be picked up by your clothes the next time you use the washing machine and cause skin irritation.

Drying Time Guide

- The drying time can be selected by pressing the **Dry** button.

- Drying cycle can last up to 364 min.

- These drying times are given as a guide to help you set your washing machine for manual drying.

NOTE

- 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.

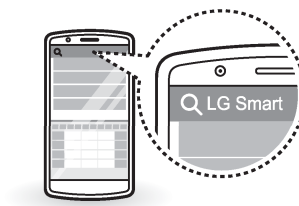
Using Smart Function (Optional)

Using the Tag On Function

The Tag On function allows you to conveniently use the LG Smart Diagnosis™ and Cycle Download features to communicate with your appliance right from your own smart phone.

- The Tag On function can only be used with most smart phones equipped with the NFC function and based on the Android operating system (OS).

Installation of the application

- Search "LG Smart Laundry" on the Google Play Store from your smart phone.

Using the Application

LG Smart Laundry application allows you to use various features for your convenience.

- Cycle Download
- Smart Diagnosis™
- Tag On Cycle Set
- Laundry Stats

NOTE

- Press [?] in the LG Smart Laundry application for a more detailed guide on how to use the Tag On function.
- Depending on the smart phone manufacturer and Android OS version, the NFC activation process may differ. Refer to the manual of your smart phone for details.
- Because of the characteristics of NFC, if the transmission distance is too far, or if there is a metal sticker or a protective case on the phone, transmission will not be good. In some cases, NFC-equipped phones may be unable to transmit successfully.
- The content found in this manual may differ depending on the version of "LG Smart Laundry" application, and it may be modified without informing customers.

EU Conformity Notice

$C\epsilon$

LG Electronics hereby declares that this product is in compliance with the following Directives.

R&TTE Directive 1999/5/EC