



mini

Wall-mounted Drum Washer and Dryer

DWC-M25CW

※ This is **mini**, the world's first wall-mounted drum Washer and Dryer developed by WINIADAEWOO.

- The product has been performance-tested prior to shipping and may contain a small amount of water left over from that testing.
- Keep this user manual at a location where it will be easily accessible for all users of the product.
- Read the Safety Precautions before use and follow all safety-related instructions when using the product.



mini
Wall-mounted Drum Washer and Dryer

World's First • South Korea's One and Only

Innovative design meets practical functionality to create a unique interior appliance.

Wall-mounted Drum Washer and Dryer

World's first wall-mounted drum Washer and Dryer that can be set up in the bathroom, multipurpose room, kitchen, or any other part of the home with ease.

Ultra-Compact Design

A compact and adorable Washer and Dryer that combines the inherent strength and stability of a cube with colors that can complement any interior.

Practical Functionality

mini is the culmination of WINIADAEWOO unparalleled technical expertise and offers a complete range of essential features and functions for modern living.

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Product Features



Safe, fast, and clean.
Introducing mini's amazing abilities!

Easy-Breezy Everyday Laundry

With mini, you don't have to let towels, dress shirts, underwear, socks, and other articles that require frequent washing pile up. Keep your home neat and organized with mini's unmatched efficiency and speed.

Baby Clothes

mini's Baby Care course thoroughly disinfects and rinses baby clothes so they are completely free of any trace of residual detergent and therefore safe and gentle on the sensitive skin of babies.

Clean in Just 29 Minutes

mini's Cold course washes a load of laundry in just 29 minutes while using only 86% of water and electricity normal drum washers consume.

Delicate Touch

With mini, you can wash pricey delicates made out of fabrics like silk and wool individually, without worrying about discoloration, shrinking, or any other type of damage.

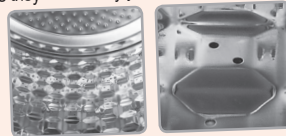
Low-Noise, Low-Vibration

mini uses a custom motor that's quieter than ever and features four dampeners that stop vibration in its track to keep everything as smooth and silent as possible.



Emerald Drum

mini's Emerald Drum features an embossing pattern in the shape of polished emeralds to prevent damaging clothes and make sure they always look and feel as new as they did the day you bought them.



Specialized Washing Courses

With Cold, Delicate, Spin, Baby Care, Quick Wash, Wash & Dry, Air Refresh, and Intensive courses, mini has all your laundry needs covered.



Cold



Delicate



Spin



Baby care



Quick Wash



Wash&Dry



Air Refresh



Intensive

Children Safety

mini's Button Lock and Door Lock features keep small children safe by preventing them from accidentally operating the washer or opening its door.





Safety Precautions

Each safety precaution is indicated as either a warning or a caution. Improper use of the product in contradiction of these precautions is highly dangerous. Please remember to follow all safety precautions.



Warning

Severe bodily harm, including death, is possible.



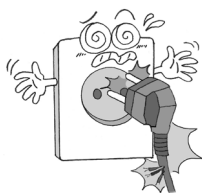
Caution

Light or moderate injury and/or product damage is possible.

Warnings



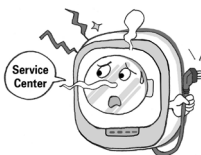
Do not use the product if its power cord or plug is damaged or the plug is inserted into the power outlet loosely.



- May result in an electric shock, short-circuiting, and/or fire.
- To replace the power cord, contact the manufacturer, the retailer, or your nearest service center.



Risk of an electric shock, electrical leak, short-circuiting, and /or fire.



- If the product suddenly stops, generates smoke, produces a strange smell, or does anything else that appears strange, unplug the power cord for safety and contact the service center.



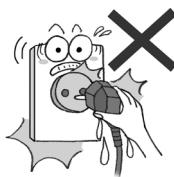
A damaged power cord is an electric-shock and fire hazard.



- Do not damage or modify the power cord or handle it with excessive force (including bending, pulling, twisting, and tying). Also, do not place heavy objects on top of the cord or force the cord into small spaces.



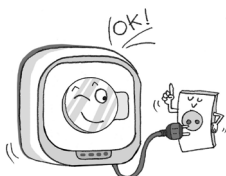
Do not plug or unplug the power cord using a wet hand.



- May result in an electric shock.



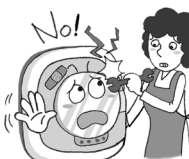
Only use a 240V AC power source.



- May result in an electric shock and/or fire.



Do not attempt to disassemble, repair, or modify the product.



- May result in a fire, electric shock, and/or injury.
- Before making a servicing inquiry, please consult with the retailer or refer to the back of the user manual first.

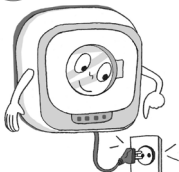


Safety Precautions

Warnings



Use a dedicated outlet rated 10A or above.



- Using one outlet to power multiple devices and/or appliances can generate an excessive amount of heat and cause a fire.



Sparks may fly and cause an explosion, fire, and/or burn.



- In the event of a gas leak, unplug the power cord and, without touching the washer's controls or switches, open the windows to ventilate.



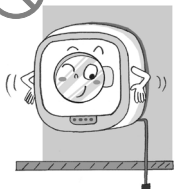
May cause a fire.



- If the power plug's contacts are covered in dust, water, or any other type of contaminant, wipe them clean using a piece of dry cloth before use.



Always ground the product for safety.



- May result in a malfunction, electrical leak, and/or electric shock.
- Refer to the user manual or contact the service center for instructions on grounding the product.



Do not install the product in a location where it will be exposed to wind and rain.



- May result in an electric shock, fire, malfunction, and/or product damage.



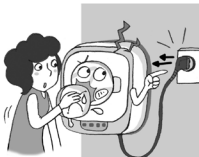
May result in an explosion and/or fire.



- Never place gasoline, petroleum, benzene, paint thinner, alcohol, or any other combustible substance inside the drum or near the washer. Furthermore, do not place an item covered or soaked in such a substance inside or near the washer.
- Do not wash items covered or soaked in an oil, cream, or lotion used in places like massage shops and beauty shops. (These products damage the washer's seals and other rubber components and cause the washer to malfunction.)



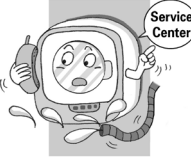
Always unplug the power cord before cleaning the product.



- May result in an electric shock and/or injury.
- Do not spray water directly on any part of the product. May result in a short-circuiting and/or electric shock.



May result in an electric shock.



- If the water hose becomes disconnected from the tap and the room where the washer is located becomes flooded, stay out of the room and contact the service center.



May result in a fire and/or product damage.



- Do not install the washer near a heating appliance or place a lit candle or cigarette on top of the washer.



- The level of water pressure required for proper functionality is between 50kPa and 800kPa.
- When connecting the water hose, use the hose set that came with your washer. Do not reuse an old hose set.
- Do not exceed the MAX level when adding a liquid detergent or fabric softener. Going past this level will cause the detergent or softener to spill over.



Safety Precautions

Cautions



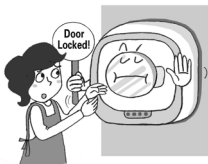
Do not place your hand or a metallic object underneath the washer while it is in operation.



- May result in an injury.
- Do not allow small children below the age of 3 to be near the washer or to operate the washer without constant adult supervision.



Do not try to force the door open while the washer is in Locked Door state.



- Forcing the door open may damage the door and/or the locking mechanism.



Do not allow children to operate the washer. Also, do not allow children to climb on top of the washer or stare into the drum, regardless whether the washer is in operation or not.



- May result in a burn and/or electric shock.
- Supervise children so that they do not play with the washer.



Beware of children getting their hand caught in the door and do not allow them near the washer.



- May result in an injury.



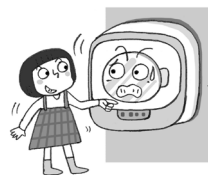
Do not place your hand, a stick, or a metallic object inside the drum or attempt to grab an item inside the drum while the washer is in operation.



- May result in an injury.



Children, as well as adults who are not familiar with the washer's operation, must not use the washer.



- May result in a burn, electric shock, and/or injury.
- This product has not been designed or manufactured for use by individuals with a physical, sensory, or mental disability or by inexperienced and/or unknowing individuals (including children) who are incapable of safely using the product without the supervision and/or guidance of another. Proper supervision may be required for the safe use of the product.



May cause an electric shock, electrical leak, and/or fire. When unplugging the power cord, grab the plug firmly by hand and pull.



- Set up the washer so that the power cord can be plugged in and out with ease and remember to unplug the washer if planning on not using it for an extended period of time.



Do not press the buttons using a sharp object like a pick or a pin.



- May result in an electric shock.



Safety Precautions

Cautions



Open the tap and ensure a flow before use.



- Improper hose connection may cause the water to leak.



Do not allow pets and other living creatures inside the washer.



- May result in an injury.



Do not operate the washer with the detergent drawer or the softener drawer removed.



- Using the washer with the detergent drawer or the softener drawer removed can cause the water to leak from the washer. Make sure to close both drawers completely before use.
- May result in an injury.



Do not place a magnetic object near the door or the side walls of the washer while it is in operation..



- Magnetic objects can interfere with the door sensor and cause a malfunction and/or injury.



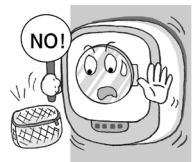
Install the washer on a sturdy and smooth wall surface.



- May cause abnormal vibration and/or noise.



Refrain from using a laundry net or bag.



- May cause abnormal vibration while the drum spins, which may in turn damage the wall and/or cause an injury.



Do not climb on top of the washer or place heavy objects on top.



- May result in a product damage and/or injury.
- Do not allow children to hang from the washer. May result in an injury.



If the washer is tilted (not perfectly leveled), stop using the washer and contact the service center instead.



- May result in an injury.



Safety Precautions

Cautions



Wipe off detergent and other contaminants on the surface of the product using a soft and slightly damp piece of cloth.



- If left alone, the detergent or the contaminant may cause plastic components to deform.



When closing the door, make sure there is no article caught in the door jam.



- May result in a clothing damage and/or product malfunction.



Once you are finished using the washer, remember to close the tap.



- This is to prevent water leakage in the event of water-valve failure.



Pressure may build up inside the water hose and/or the pipes, resulting in product damage, water leakage, and/or an injury.



- After a water outage or when disconnecting and reconnecting the water hose, close the tap, press the Start button, and then gradually reopen the tap. (Also applies after an extended period of non-use.)



Do not use the washer for any other purpose than washing laundry. (Shoes, vegetables, etc.)



- May result in abnormal vibration that can damage the washer and/or cause an injury.



Always add the detergent to the detergent drawer and the fabric softener to the fabric-softener drawer.



- Adding the detergent and/or fabric softener incorrectly or into the wrong drawer may interfere with the wash.



Do not wash waterproof or water-resistant items such as rainwear, car covers, and sleeping bags.



- Abnormal vibration while the washer spins can cause an injury.
- Irregular vibration of the washer while in operation can damage the wall, floor, clothing, and/or the washer itself.



If relocating the washer to a different area, make sure to remove remaining detergent and fabric softener from inside the washer first.



- The liquids can spill over while the washer is being moved and cause a malfunction.
- Do not wash items covered or soaked in an oil, cream, or lotion used in places like massage shops and beauty shops. (These products damage the washer's seals and other rubber components and cause the washer to malfunction.)



Washing & Drying Safety Precautions

■ Please familiarize yourself with the following safety precautions and remember to follow them whenever you use the washer.

- Follow the instructions provided by the manufacturers of the detergent and fabric softener of your choosing and do not fill neither the detergent drawer nor the fabric-softener drawer beyond their respective MAX levels.
- Remove lighters, matches, and other inflammable objects from pockets of clothes before washing them.
- Do not unplug the washer's power cord while it is in operation.
Unplugging the power cord during the Wash or Dry course and reconnecting the power cord can cause an electric shock, fire, malfunction, and/or injury.
- Do not attempt to force the door open while the washer is in operation.
Forcing the door open during the Wash or Dry course can lead to an injury and/or malfunction.
- If you must open the door while the washer is in operation, you must first drain all the water from inside the washer.
Ensure that there is no hot water left inside the washer. Otherwise, opening the door may result in a product damage, product malfunction, and/or injury.
- Unsupervised or uninstructed individuals, individuals with a physical, sensory, or mental disability, inexperienced or unknowing individuals, and children under the age of 3 must not operate the washer.
- Do not allow small children below the age of 3 to be near the washer or to operate the washer without constant adult supervision.
- If using industrial-grade chemicals to do laundry, do not use the washer's Dry course. May result in a fire.
- Remove lint and fluff from inside the washer as often as possible. Ensure that the inside the washer and the surrounding area are free of lint, fluff, and residue. May result in a product malfunction and/or injury.
- With articles covered or soaked in cooking oil, acetone, alcohol, gasoline, kerosene, stain remover, turpentine oil, or wax, make sure to wash them using a detergent and hot water before drying them in the washer.
- Do not use the washer's Dry cycle to dry foam rubber (latex), shower caps, waterproof or water-resistant fabric, rubber products, or pillows or clothes with foam-rubber padding.



Make sure to read the user manual and all the safety precautions before using the washer and to operate the washer with caution.



This symbol indicates extreme temperature. Take caution when handling.



Washing & Drying Safety Precautions



Fire Hazard

Items that have been exposed to oil can catch fire when using the Dry course. Do not place inflammable items inside the washer.

The high-temperature inside the washer can cause inflammable items such as lighters, oils, and matches to catch fire.

The temperature inside the washer can become hot enough to cause items to ignite. Storing oils and other inflammable and ignitable items on or near the washer can lead to a fire.

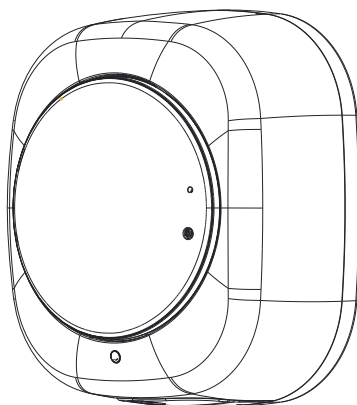
Before placing items made out of a fabric that contains vegetable or cooking oil or items that are contaminated with haircare products inside the washer, make sure to wash them with detergent and hot water first.

※ Above information is intended to reduce the risk of a fire and/or injury. While washing such items before placing them in the washer does reduce the risk of a fire and/or injury, it does not guarantee the prevention of a fire. Refrain from placing items covered or soaked in vegetable or cooking oil or items that have been contaminated with haircare products inside the washer whenever possible.

Warning: Do not forcibly open the drum door or abruptly suspend the washer's operation before the Dry course is completed. Once the Dry course is completed, do not leave the laundry load inside the washer. Take out the load and untangle the individual items to allow the heat to dissipate and reduce the risk of a fire.



Getting Ready



1 Connect the drainage hose to the drain.

- Make sure the drainage hose has been included with your washer.
- A small amount of water may escape from the drainage hose when installing the washer or using it for the first time. This is water leftover from performance testing at the factory and does not represent a malfunction or defect of the product.
- Recommended length of the drainage hose is 2.5m.

2 Connect the water hose and open the tap.

- Make sure there is no leak anywhere along the water hose.
- Open the tap even when using the Dry course only. The washer uses water for cooling and dehumidification purposes and will not be able to dry the items inside unless the tap is open.
- Recommended length of the water hose is 2.0m.
- Recommended water pressure is 3.0kgf/cm².

3 Plug in the power cord.

- Make sure the product is grounded to prevent electric shocks.

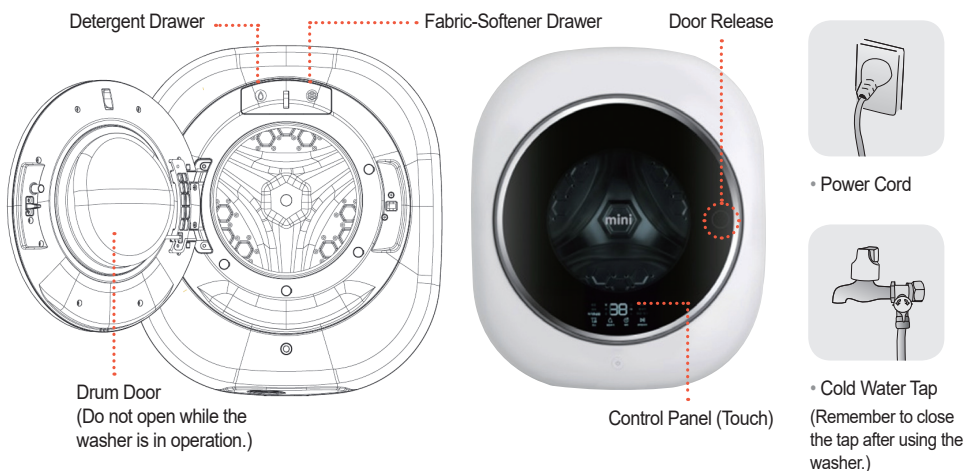


Caution:

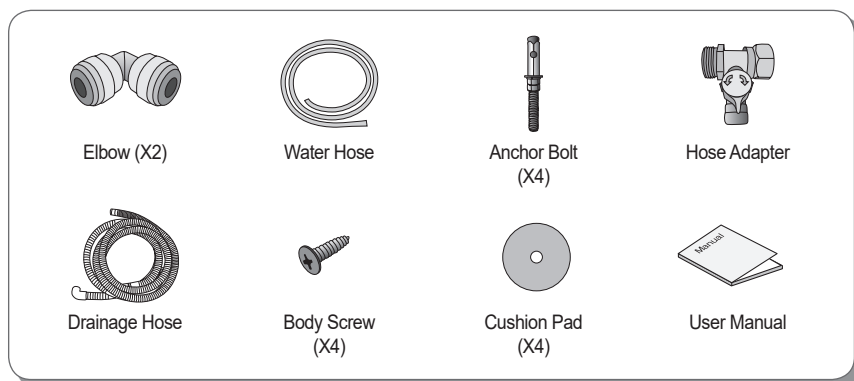
This product uses cold water only. Do not connect the water hose to a hot-water source.



Parts & Components



Accessories



Note:

- Water-hose and drainage-hose extensions can be purchased at your nearest service center.
- Included accessories may vary depending on the model and specifications.

Suitable for Washing

Items that can be washed:

- Underwear and socks
- Dress shirts and cotton T-shirts
- Bath towels, hand towels, pillowcases, dish towels, and rags
- Baby clothes, diapers, and innerwear
- Blouses, knits, and high-end clothes made out of wool
- Lingerie, stockings, and other delicates



Unsuitable for Washing or Drying

Items that cannot be washed:

- Leather or silk products
- Cushions, pillows, blankets, and other products containing cotton or foam urethane (sponge) as a filler
- All-wool blankets, electric blankets, long-strand blankets (strand length of more than 10mm), or carpet covers
- Mats or carpets with animal fur
- Laundry-aid products (laundry ball, dust filter, etc.)
- Traditional clothing or accessories
- Rubber, nylon, or vinyl products
- Waterproof or water-resistant mats, sheets, or clothes



Items that cannot be dried:

- Woolen clothes or blankets
- Starched clothes
- Clothes whose care label says "Do Not Tumble Dry"
- Clothes whose care label says "Line Dry" or "Dry Flat"
- Coated or resin-treated clothes (using adhesives) or embossed clothes



About shrinkage

Certain types of clothes will shrink from washing alone, while other types of clothes will shrink even more when dried. Most of the shrinking will take place during the first wash.

How much a particular article of clothing will shrink depends on the type of the fabric, the weaving method, the sewing method, and the type of finish used.

Vulnerable to Shrinking

- Cotton shirts and blended socks



Resistant to Shrinking

- Polyester blouses and mixed-fabric shirts



- Do not attempt to dry already dry or unwashed clothes using the Dry course.

(Drying already dry clothes is a fire hazard.)

(Only dry clothes and items that have been washed using the washer. The Dry course may not be able to completely dry clothes and items that have been washed but not spun.)

(Only dry clothes and items that have been washed using the washer. Do not dry clothes and items that have not been spun.)

- Articles contaminated with cooking oil, acetone, alcohol, gasoline, kerosene, stain remover, turpentine oil, or wax need to be washed sufficiently using detergent and hot water before being dried inside the washer.

(These contaminated clothes and items pose a fire hazard. Familiarize yourself with all washing- and drying-related precautions.)

- Do not tumble dry foam rubber (latex) products, shower caps, products made out of a waterproof or water-resistant material, items with a rubber lining, or clothes or pillows with foam rubber padding.

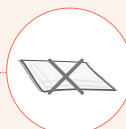
- Use fabric softeners and similar products according their respective manufacturer's instructions.

- Remove lighters, matches, and other inflammable objects from the pockets of clothes you intend to wash.

Preparing Laundry for Washing

- ❑ Do not use the washer to wash, rinse, spin-dry, or dry waterproof or water-resistant mats, sheets, or clothes, hard and thick items like doormats and blankets, or items made out of a fabric water cannot easily pass through.

- May result in abnormal vibration that in turn causes damage to the washer, the wall, the floor, or the clothes and/or an injury.



- ❑ Brush off dirt and sand.

- This is to prevent product malfunction.



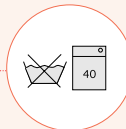
- ❑ Make sure to remove coins, hair pins, curtain hooks, and clips.

- May damage the clothes or the product itself and/or cause the product to malfunction.
- May also block the drainage hose and cause the product to malfunction.



- ❑ Check the care labels of the clothes you intend to wash.

- Follow the instructions found on the care labels. In particular, remember to separate whites and colors.



- ❑ Flip clothes with loose threads or fluff inside out before washing them. Divide laundry loads by fabric types (cotton, denim, synthetic, etc.).

- Washing different types of fabric at the same time can damage your clothes.



- ❑ With partially soiled or stained clothes, wash them by hand first before adding them to the washer.

- Use a stain remover or spot bleach.



- ❑ Tie strings together and close all zippers.

- May damage the clothes and/or the product.



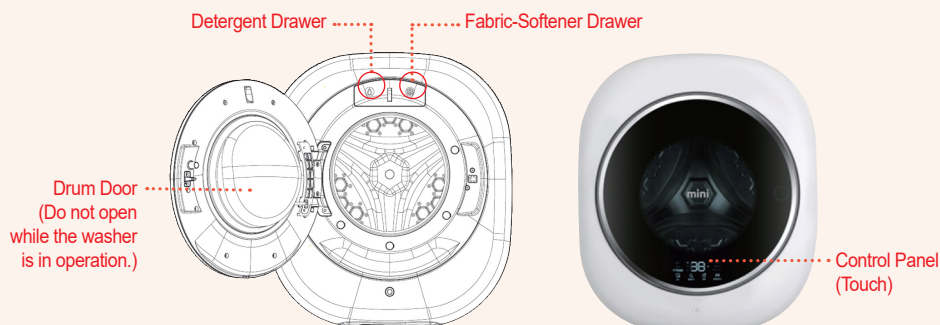
- ❑ Refrain from washing thick clothes or oversized items. (jeans, bathrobes, bathmats, thick sportswear, etc.)

- The items can cause a weight imbalance inside the drum and cause the washer to vibrate abnormally during the Spin course.



Adding Detergent and Fabric Softener

(Use liquid detergents only. Do not use powdered detergents. May result in a leak and/or malfunction.)



- **Open:** Pull the detergent and fabric-softener drawers towards you.
- **Close:** Push the drawers straight in until fully closed.

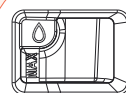
Adding Detergent

- Add an appropriate amount of detergent into the detergent drawer without exceeding the MAX level.



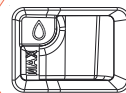
Wait! Read this before adding the detergent.

- Caution**
- Do not add detergent to the detergent drawer more than once per wash.
 - For smaller laundry loads, filling the detergent and fabric-softener drawers halfway up to the MAX levels is sufficient.
 - If detergent gets on the door, the control panel, or any other plastic part of the washer, wipe it off right away. If left alone, the detergent can cause damage.
 - Using too much detergent can cause the following problems:
 - An excessive amount of suds is formed, resulting in much longer or even incomplete rinsing and/or spinning of the laundry load. Even if rinsing is completed, some of the detergent may still remain.
 - The detergent drawer can become contaminated or covered in detergent residue. Remove and clean the drawer once a week for cleaner results.



Adding Fabric Softener

- Add an appropriate amount of fabric softener to the fabric-softener drawer.
- The softener is automatically added to the drum during the final rinsing stage.
- Do not add fabric softener and allow it to sit for an extended period of time (longer than 12 hours). The softener can harden and fail to make its way inside the drum.



Appropriate Detergent and Fabric Softener Amounts

- Use the recommended amount.
 - Do not exceed the detergent drawer's MAX level.
 - Do not exceed the fabric-softener drawer's MAX level.



Using Powdered Detergent

- Caution**
- Must use a specially formulated powdered detergent for drum washers in amounts of no more than 10g per wash. Add the detergent directly into the detergent drawer.
 - Do not use a powdered detergent if using the washer's timer feature. (Powdered detergent can damage the clothes.)

Detergent and Fabric Softener Precautions

- Highly concentrated detergents, gel detergents, and other types of liquid detergents that are prone to hardening and are highly viscous do not flow into the drum as easily and should be avoided.
- Highly concentrated fabric softeners may not flow into the drum at all and need to be diluted with water first.
- Detergent and fabric-softener drawers can become contaminated or covered in residue. Remember to remove and clean the drawers regularly.
- If using a detergent that generates a large amount of suds, program in additional rinse cycles.

Course Selection Guide

Course	Recommended Load Size	Course	Recommended Load Size
Cold	2.5kg	Spin	2.5kg
Delicate	1.0kg	Wash & Dry	1.0kg
Baby Care	2.5kg	Air Refresh	1.0kg
Intensive	2.5kg	Dry	1.0kg
Quick Wash	1.0kg		



Note

- Do not exceed the recommended load size.
- Exceeding the recommended load size may result in an incomplete wash and/or abnormal noise/vibration (recommended load sizes may vary depending on the type of clothing and its brand).
- You are encouraged to use the recommended course for each type of laundry load, but other courses are also available. (Please note that choosing an inappropriate course may cause the clothes to deform.)

Weight Reference



Baby Clothes (top and bottom)
Cotton, approx. 200g



Bath Towel
Cotton, approx. 300g



Pajamas
Cotton, approx. 500g



Underwear
Cotton, approx. 50g



Dress Shirt
Blended, approx. 150g



Trousers
Cotton, approx. 600g



Innerwear
Cotton, approx. 130g



Baby Towel
Cotton, approx. 10g



Buttons and Functions



① Power

- Turns the washer on or off.

② Course

- Used to select the desired course.
- The selected course's indicator lights up.
- ※ Child Safety (Button Lock)
- Use this feature to prevent children from accidentally changing the washer's settings while it is in operation.
- Activating this feature locks out all buttons except Power.
- To activate or deactivate, press and hold Course for longer than 3 seconds.

③ Rinse+

- Select a course and then use this button to program in additional rinse cycles.
(For information on the default and maximum number of rinse cycles of a particular cycle, refer to that cycle's section in this manual.)

④ Dry

- Use this button to select the desired duration.
The selected duration is shown on the LED display. The Dry button's indicator will also turn on.

⑤ Start/Pause

- Press to start the selected course.
- Press again to pause, once more to resume, and so on.
- Pressing the Power button and then the Start/Pause button automatically initiates the Cold course.

⑥ LED Display

- Displays the selected course and its duration.

⑦ To open the drum door, turn the washer on by pressing the Power button (①) and then press the Door Release button (⑦).

- ※ If the washer's power cord is not plugged in or the power is out, first plug the cord into an outlet or wait for the power to be restored. Press the Power button (①) and then the Door Release button (⑦) to open the door.

Note:

- If the size of the laundry load is too large and preventing the door from closing shut, give the door a gentle push.
- Opening the Drum Door
 - 1) Opening the door when the power goes out in the middle of the wash or dry cycle:
 - Once the power is restored, the washer will resume the course that was selected before the power went out. The door will open once the course is completed.
 - 2) Opening the door during the wash or dry cycle.
 - If you need to open the door during the wash cycle, pause the washer, select the Spin course, and then press the Start/Pause button. The door will open automatically once the Spin course is completed. (The door will not open if a cycle has already started.)
 - To open the drum door during the dry cycle, pause the washer. Once the FA message appears on the LED display, press the Door Release button (⑥) to open the door.
- ※ The FA message on the LED display indicates that the dry cycle has been paused or, if the washer has been turned off, that the washer's fan has been turned on to protect the washer from heat damage.
- If the power goes out during the wash, rinse, or dry cycle, the inside of the washer may not be safe. Take extra caution if you need to open the drum door. (If the inside of the washer is still not safe by the time the power is restored, the washer will automatically lock the door.)





Cold

Use this course to wash everyday items like towels, socks, and dress shirts and regular laundry.



1) Turn on the washer by pressing the Power button (①).

2) Open the drum door.

Press the Door Release button (②) to open the drum door.

3) With the door open, place the laundry inside the washer, add detergent and fabric softener to their respective drawers, and then close the drum door shut.

Make sure to close the detergent and fabric-softener drawers completely before proceeding.

To change the number of rinse cycles after selecting a course, press the Rinse+ button (④).
Each press of the button adds 1 rinse cycle.

※ The maximum number of rinse cycles allowed for Cold course is 7.

Tip

4) Repeatedly press the Course button (③) until Cold is selected.

5) Press the Start/Pause button (⑤).

The door will lock, and the washer will start filling with water.

Note:

- To change the settings while the washer is in operation, first pause it by pressing the Start/ Pause button and then make the changes.
- Pressing the Power button and then the Start/Pause button starts the wash cycle using the initial auto-selection settings.



"Don't let dirty towels, socks, and dress shirts pile up anymore.
Use the Cold course (29 minutes) or the Quick Wash course (15 minutes) to
wash them clean quickly and easily."



Delicate

Ideal for washing knits, woolen clothes, lingerie, and other delicates that can be washed in water.



1) Turn on the washer by pressing the Power button (①).

2) Open the drum door.

Press the Door Release button (②) to open the drum door.

3) With the door open, place the laundry inside the washer, add detergent and fabric softener to their respective drawers, and then close the drum door shut.

- Make sure to close the detergent and fabric-softener drawers completely before proceeding.
 - Bleach cannot be used with Delicate course. This is to prevent discoloration of clothes.
 - Limit the size of the laundry load to 1kg when using the Delicate course.
- ※ Exceeding the recommended laundry-load size may result in abnormal noise, abnormal vibration, and/or a malfunction.

4) Repeatedly press the Course button (③) until Delicate is selected.

- Water temperature is set to cold, rinse cycles is set to 2, and spin strength is set to low automatically.

To change the number of rinse cycles after selecting a course, press the Rinse+ button (④).

Each press of the button adds 1 rinse cycle.

※ The maximum number of rinse cycles allowed for Delicate course is 7.

Tip

5) Press the Start/Pause button (⑤).

The door will lock, and the washer will start filling with water.

Note:

- Do not wash items made out of leather or cashmere. They are easy to shrink or deform.
- To change the settings while the washer is in operation, first pause it by pressing the Start/ Pause button and then make the changes.

"You don't have to worry about washing your knits, pricey clothes made out of wool, lingerie, stockings, and other delicates. mini gently washes delicates clean without any damage or discoloration."



Spin

Use this course to spin your laundry dry without washing or rinsing.



1) Turn on the washer by pressing the Power button (①).

2) Open the drum door.

Press the Door Release button (②) to open the drum door.

3) Once the door opens, place the laundry inside the washer and then close the door.

Make sure to close the detergent and fabric-softener drawers completely before proceeding

4) Repeatedly press the Course button (③) until Spin is selected.

• Water temperature is set to cold, rinse cycles is set to 0, and spin strength is set to high automatically.

To change the number of rinse cycles after selecting a course, press the Rinse+ button (④).
Each press of the button adds 1 rinse cycle.

※ The maximum number of rinse cycles allowed for Spin course is 5.

Tip

5) Press the Start/Pause button (⑤).

The door will lock and the drum will start to spin.



Note:

- The drum may sometimes fill with water during the Spin course. This is to help untangle the items inside the drum and is not a malfunction.

**"If you want to dry your laundry without washing or rinsing, use the Spin course.
mini is perfect even for spinning small laundry loads dry."**



Baby Care

Use this course to wash and disinfect baby clothes, 100% cotton articles, and any other type of garment that needs to be thoroughly sterilized.



1) Turn on the washer by pressing the Power button (①).

2) Open the drum door.

Press the Door Release button (②) to open the drum door.

3) With the door open, place the laundry inside the washer, add detergent and fabric softener to their respective drawers, and then close the drum door shut.

Make sure to close the detergent and fabric-softener drawers completely before proceeding.

4) Repeatedly press the Course button (③) until Baby Care is selected..

• Water temperature is set to cold, rinse cycles is set to 3, and spin strength is set to high automatically.

To change the number of rinse cycles after selecting a course, press the Rinse+ button (④).
Each press of the button adds 1 rinse cycle.

※ The maximum number of rinse cycles allowed for Baby Care course is 8.

Tip

5) Press the Start/Pause button (⑤).

The door will lock, and the washer will start filling with water.

Note:

- Water temperature is set to 87°C and does not change.
- If an excessive amount of suds form during the Baby Care course, drain → fill → Start/Pause and repeat to eliminate the suds.
- Do not wash items that are vulnerable to heat.
- To change the settings while the washer is in operation, first pause it by pressing the Start/Pause button and then make the changes.
- The number of rinse cycles is automatically set to 3 to protect the sensitive skin of babies.

Caution:

- Make sure that the items you are about to wash (all cotton, 100% cotton baby clothes, diapers, etc.) will not be damaged by the disinfection process.
- Separate whites and bright colored clothes from dark colored clothes that easily lose their color.



"Use this course to disinfect and wash baby clothes and clothes made out of cotton.
Baby Care will destroy germs using heat and rinse the items three times for a clean and safe result you can trust in."



Quick Wash

Use this course for quick washing of small amounts of laundry.



1) Turn on the washer by pressing the Power button (①).

2) Open the drum door.

Press the Door Release button (②) to open the drum door.

3) With the door open, place the laundry inside the washer, add detergent and fabric softener to their respective drawers, and then close the drum door shut.

Make sure to close the detergent and fabric-softener drawers completely before proceeding.

Limit the size of the laundry load to 1kg when using the Quick Wash course.

※ Exceeding the recommended laundry-load size may result in abnormal noise, abnormal vibration, and/or a malfunction.

4) Press the Course button (②) to select Quick Wash.

- Water temperature is set to cold, rinse cycles is set to 1, and spin strength is set to high automatically.

To change the number of rinse cycles after selecting a course, press the Rinse+ button (④).

Each press of the button adds 1 rinse cycle.

※ The maximum number of rinse cycles allowed for Quick Wash course is 5.

Tip

5) Press the Start/Pause button (⑤).

The door will lock, and the washer will start filling with water.

Note:

- To change the settings while the washer is in operation, first pause it by pressing the Start/Pause button and then make the changes.
- Pressing the Power button and then the Start/Pause button starts the wash cycle using the initial auto-selection settings.

Caution:

- If using a detergent that generates a large amount of suds, program in additional rinse cycles.

"When you have a small laundry load and are pressed for time use Quick Wash to wash it clean in just 15 minutes."



Wash & Dry

Use this course to wash and dry everyday items like towels, socks, and dress shirts and regular laundry.



1) Turn on the washer by pressing the Power button (①).

2) Open the drum door.

Press the Door Release button (②) to open the drum door.

3) With the door open, place the laundry inside the washer, add detergent and fabric softener to their respective drawers, and then close the drum door shut.

Make sure to close the detergent and fabric-softener drawers completely before proceeding.

- Limit the size of the laundry load to 1.0kg when using the Wash+Dry course.

- ※ Exceeding the recommended laundry-load size may result in abnormal noise, abnormal vibration, and/or a malfunction.

4) Repeatedly press the Course button (③) until Wash+Dry is selected.

- Water temperature is set to cold, rinse cycles is set to 2, and spin strength is set to high automatically.

- ※ The course time is selected automatically based on the size of the laundry load.

Laundry Load	0.5 kg	1.0kg
Course Time	88 min	148 min

To change the number of rinse cycles after selecting a course, press the Rinse+ button (④).

Each press of the button adds 1 rinse cycle.

- ※ The maximum number of rinse cycles allowed for Wash & Dry course is 7.

5) Press the Start/Pause button (⑤).

The door will lock, and the washer will start filling with water.

- ※ The washer will complete the wash cycle and then automatically proceed with the dry cycle.

Note:

- To change the settings while the washer is in operation, first pause it by pressing the Start/Pause button and then make the changes.
- Pressing the Power button and then the Start/Pause button starts the wash cycle using the initial auto-selection settings.
- Refer to the drying capacity and limit the load size to less than 1.0kg.
- Keep the water valve open (a small amount of water is drawn and drained for improved drying performance).
- **00:00:00** is displayed on the LED display once the dry cycle is completed, and the door is unlocked once the temperature drops to a certain level.
- The dried items may be hot. Be careful when taking them out of the washer.
- Some shrinking and/or deformation may occur depending on the fabric of the clothing (make sure the item is safe to dry using heat beforehand).
- The items are deliberately left slightly damp to prevent damage and wrinkling. If you are not satisfied with the residual dampness, dry the items more.
- If there is too much water inside the drum, the washer will drain some of it for safety.
- Pressing the Start/Pause button during the dry cycle will show the FA message on the LED display and then the door will be released once the temperature inside the drum drops to a safe level.
- Q: During the dry cycle, pressing the Start/Pause button doesn't stop the washer.
A: If the washer is paused or turned off during the dry cycle, the washer will continue to run its fan until its internal temperature drops to a safe level in order to protect itself from damage. Once this cooling phase has ended, the drum door will open so that you can take out the laundry.



"Don't let dirty towels, socks, and dress shirts pile up anymore. Use the Wash & Dry course (1 hr 28 mins by default, longer if using extra rinse cycles) to wash and dry clothes with the press of a single button."



Air Refresh

Use Air Refresh to freshen stored clothes or to remove undesirable odors from clothes.



1) Turn on the washer by pressing the Power button (①).

2) Open the drum door.

Press the Door Release button (②) to open the drum door.

3) With the door open, place the laundry inside the drum and then close the door shut.

- Make sure to close the detergent and fabric-softener drawers completely before proceeding.

- ※ Do not use detergent or fabric softener with Air Refresh course.

- ※ Limit the size of the laundry load to 1kg when using the Air Refresh course.

※ Exceeding the recommended laundry-load size may result in abnormal noise, abnormal vibration, and/or a malfunction.

4) Repeatedly press the Course button (③) until Air Refresh is selected.

The course lasts for 35 minutes at 80 °C.

Tip

5) Press the Start/Pause button (④).

The door will lock and Air Refresh course (dry cycle) will commence.

Note:

- Air Refresh deodorizes clothes using just steam and air.
- This course is ideal for beddings and clothes that cannot be washed in water.
- Once the course is selected, it will not be possible to select other cycles.
- The maximum size of the load for Air Refresh is 1kg.

Caution:

- Because Air Refresh disinfects and deodorizes clothes using heat, the washer's interior will become hot.
- Comforters, jumpers, and articles of clothing with sections or additions made out of 100% synthetic fiber should not be deodorized using Air Refresh because they are susceptible to deformation.
- Items that should not be deodorized using Air Refresh:
 - 1) Leather, fur, and natural silk items
 - 2) Lingeries and other delicacies
 - 3) Items that are prone to shedding or creating dust
 - 4) Pillows stuffed with a sponge, grains, or a plastic material
 - 5) Items made out of wool
 - 6) Clothes that need to be hand-washed
 - 7) Electric blankets and covers



"Use Air Refresh to freshen stored clothes or to remove undesirable odors from clothes."



Intensive

Use this course to wash heavily soiled clothes.



1) Turn on the washer by pressing the Power button (①).

2) Open the drum door.

Press the Door Release button (②) to open the drum door.

3) With the drum door open, place the laundry load inside the drum, add the detergent and the fabric softener to their respective drawers, and then close the drum door.

Make sure to close the detergent and fabric-softener drawers completely before proceeding.

To change the number of rinse cycles after selecting a course, press the Rinse+ button (④).

Each press of the button adds 1 rinse cycle.

Water temperature is set to 40°C, number of rinse cycles is set to 3, and spin intensity is set to high automatically.

※ The maximum number of rinse cycles allowed for Intensive course is 7.

Tip

4) Repeatedly press the Course button (③) until Cold is selected.

5) Press the Start/Pause button (⑤).

The door will lock, and the washer will start filling with water.

Note:

- To change the settings while the washer is in operation, first pause it by pressing the Start/Pause button and then make the changes.
- Pressing the Power button and then the Start/Pause button starts the wash cycle using the initial auto-selection settings.
- Intensive, "Rinse+" 5times, Test Load 2.5kg, 230V, detergent dosing : in 1 litre warm water, Anti-foaming Agent use programme is suitable for soiled load and tested in accordance or in conformity with AS/NZS 2040.1

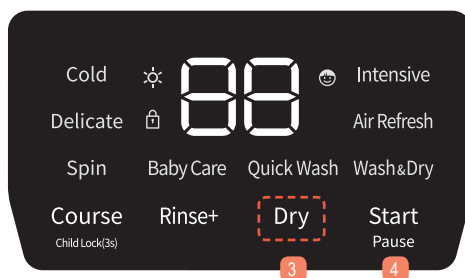


"Use the Intensive course to wash heavily soiled clothes clean."



Dry

Use this course to dry everyday items like towels, socks, and dress shirts and regular laundry.



1) Turn on the washer by pressing the Power button (①).

2) Open the drum door.

Press the Door Release button (②) to open the drum door.

3) With the door open, place the laundry inside the drum and then close the door shut.

- Make sure to close the detergent and fabric-softener drawers completely before proceeding.
- ※ Do not use detergent or fabric softener with Dry course.
- ※ Limit the load size to 1kg when using the Dry course.
- ※ Exceeding the recommended laundry-load size may result in abnormal noise, abnormal vibration, and/or a malfunction.

Tip

The course lasts for 59 minutes at 87 °C.

4) Use the Dry button (③) to configure the settings.

- Use the Dry button to configure the settings.
- ※ Each press of the Dry button cycles through the settings as follows:
AUTO → 30 (30 mins) → 59 (59 mins) → 90 (90 mins) → 2H (2 hrs) → 3H (3 hrs)
- ※ AUTO chooses the most suitable drying time based on the weight of the load and displays the remaining time on the LED display.
- ※ AUTO chooses from 59 mins, 120 mins, and 180 mins based on the weight of the laundry load and starts drying the laundry automatically.
- ※ AU is shown on the LED display.

5) Press the Start/Pause button (④).

The door will lock and the dry cycle will begin.

Note:

- Do not use detergent or fabric softener.
- Pressing the Power button and then the Start/Pause button starts the wash cycle using the initial auto-selection settings.
- Refer to the drying capacity and limit the load size to less than 1kg.
- Keep the water valve open (a small amount of water is drawn and drained for improved drying performance).
- **000000** is displayed on the LED display once the dry cycle is completed, and the door is unlocked once the temperature drops to a certain level.
- The dried items may be hot. Be careful when taking them out of the washer.
- Some shrinking and/or deformation may occur depending on the fabric of the clothing (make sure the item is safe to dry using heat beforehand).
- The items are deliberately left slightly damp to prevent damage and wrinkling. If you are not satisfied with the residual dampness, dry the items more.
- If there is too much water inside the drum, the washer will drain some of it for safety.
- Pressing the Start/Pause button during the dry cycle will show the FA message on the LED display and then the door will be released once the temperature inside the drum drops to a safe level.
- Q: During the dry cycle, pressing the Start/Pause button doesn't stop the washer.
A: If the washer is paused or turned off during the dry cycle, the washer will continue to run its fan until its internal temperature drops to a safe level in order to protect itself from damage. Once this cooling phase has ended, the drum door will open so that you can take out the laundry.
- AU, Test Load 1.0kg, 230V use programme in accordance or in conformity with AS/NZS 2442.1



"If you wish to wash and dry your laundry in a single step, use the Wash & Dry course."



Cleaning

Follow the instructions below to keep your washer clean and working reliably for a long time.



Warning

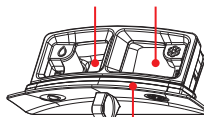
- ▶ Remember to unplug the power cord before cleaning the washer.
 - May result in an electric shock and/or injury.
- ▶ Do not spray water directly on the product.
 - May result in short-circuiting and/or an electric shock.



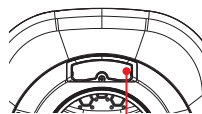
■ Cleaning the detergent and fabric-softener drawer

- Insert a finger into the hook at the front of the drawer, pull the drawer out, and then clean it using water.
- ※ Never use a powdered detergent. (May result in a malfunction and/or leak.)
- ※ Clean the areas indicated in the diagram.
- ※ Allowing contaminants and residue to build inside the drawer or around its opening can cause the washer to malfunction.

Clean the bottom Clean the bottom



Clean along the edges



Clean the rubber seal



■ Cleaning the washer

- Clean the product using a damp piece of cloth.



Caution

- Do not use household synthetic detergent, benzene, or paint thinner to clean the product. Doing so will damage the plastic parts.
- If using a chemical cleaning agent, follow all precautions provided by the manufacturer.



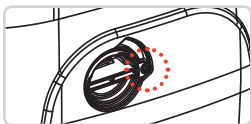
■ Cleaning the drainage filter

- The drainage filter needs to be periodically removed and cleaned.
- Unplug the power cord first and make sure the washer is turned off before removing and cleaning the filter.

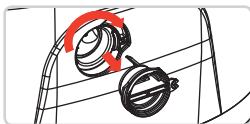


Caution

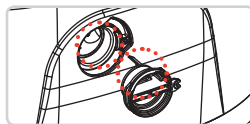
- Some water may leak out from the product. Have a container ready to catch the water and remove the cap filter.
- Removing the filter while the washer is in operation may result in hot water spewing out and causing a burn. Please be careful.



① Undo the highlighted screw using a screwdriver.



② Grab the cap filter's handle, turn the filter, and pull it towards you to remove it.



③ Clean the indicated parts of the cap filter and the filter opening.



Troubleshooting

- It's sometimes easy to mistaken an easily remediable issue for a malfunction.
- If you are certain the product is malfunctioning, contact your retailer or the service center.

Symptom	Cause
[1] There is a strange odor coming from the drum. [2] The washer suddenly stops while washing is in progress. [3] The drum will not fill with water.	[1] This odor may be caused by a buildup of debris and waste detergent inside the drain. Remember to clean the drain regularly. [2] Refer to error codes E5, E6, E7, and E8 and then contact your retailer or the service center. [3] Check to see if the water valve is open.
[4] The water drains in the middle of a wash. [5] The drum fills with water during the spin cycle. [6] It takes a long time to complete a wash.	[4] Could you have added too much detergent? If there is an excessive amount of suds, the washer will automatically drain itself even during a wash. [5] If the laundry load is not evenly distributed inside the drum, the washer will fill itself with water to spread the load out and then drain the water back out. [6] If the water pressure is too low, it takes longer for the drum to fill with water and consequently longer for the washing to complete.
[7] Towels come out stiff. [8] The washer makes a strange noise during the spin cycle. [9] The remaining time suddenly goes up.	[7] Because drum washers use gravity to wash clothes, towels washed in one may come out stiff. If you want your towels soft, please use a fabric softener. [8] Make sure the power cord is securely connected to the product. [9] The remaining time goes up if the laundry load is distributed unevenly inside the drum.
[10] The remaining time doesn't change. [11] There is a weird noise at the end of the spin cycle.	[10] The washer fills the drum with cold water and heats it to the configured temperature. In winter, the remaining time may not change until the water heated to the configured temperature. [11] The noise is caused by the electronic braking system and is not a malfunction.
[12] The drum doesn't seem to be filling with enough water during the wash or rinse cycle. (Low-water level)	[12] One of the traits of a drum washer is its ability to do laundry using only a small amount of water. You may not be able to see the water level, but this is not a malfunction. Because drum washers soak items in water and tumble them into the air for washing and rinsing, they do not require a lot of water.
[13] The drum fills with water again during the wash or rinse cycle.	[13] The washer monitors the amount of water inside the drum and the status of the laundry load and adds extra water into the drum when necessary. Possible causes are as follows: - Additional items have been added to the load. - The water level dropped below the threshold and needed to be replenished.
[14] A long time has passed since the spin cycle started, but the drum hasn't moved or is spinning at a slow rate.	[14] If an excessive amount of detergent has been used or there is a problem with the drainage hose, the water might not drain properly from the drum. In this case, the drum will remain stationary or spin at a slow rate until the water has been fully drained and then begin spinning at its normal rate.
[15] I hear water flowing and a whirring noise during the dry cycle.	[15] The noises you hear are the washer using water to cool and dehumidify the environment inside the drum. The ventilation fan is also turned on and makes noise during the dry cycle.
[16] Clothes don't feel completely dry after going through the dry cycle.	[16] Is the cold-water tap open? The washer uses water to cool and dehumidify and will not be able to dry the items inside if the tap is closed. Could your laundry load be too big? Could you have connected the hot-water hose to the cold faucet?



Before Contacting Customer Service

- Press the button to pause the washer and then go through the following information.
- To resume operation, press the button again

Symptom/Display	Checklist & Actions
 Nothing displayed	• Is the power cord securely plugged in? • Is the washer turned on? • Did you press the Start/Pause button? • Has there been a power outage? • Is the fuse blown out or has the circuit breaker been tripped?
 	• Is the tap open? • Is the water filter clogged? • Is the water hose frozen? • Has there been a water outage? ※ If able to resolve the issue using the above checklist, please turn the washer off and back on again. (Restarting the washer clears the error message from the display.)
 	• Is the drainage hose pointing down? • Could you have inserted the drainage hose too deeply inside the drain and ended up blocking it? • Is there a bend in the drainage hose? • Is the drainage hose positioned too high? • Is the drain clogged? • Is the drainage filter clogged? ※ If able to resolve the issue using the above checklist, please turn the washer off and back on again. (Restarting the washer clears the error message from the display.)
 	• Is the door open? • Is the door securely closed on both ends? ※ If able to resolve the issue using the above checklist, please turn the washer off and back on again. (Restarting the washer clears the error message from the display.)
 	• Contact the service center.
 	• Contact the service center.
	If the above checklist does not help resolve the issue, do not touch the internal components and do not attempt to disassemble the product. Instead, unplug the power cord, close the tap, and contact the service center.



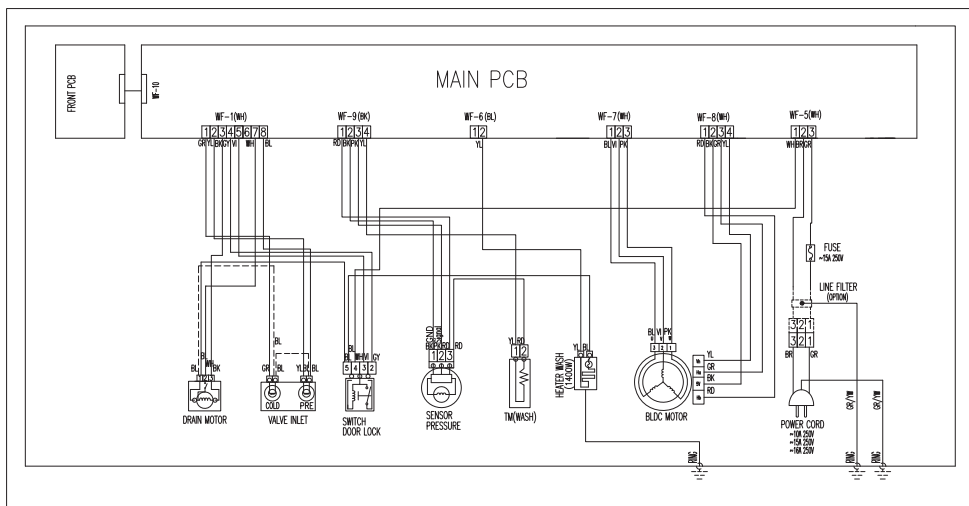
- If the LE error is shown on the display, open the door and close it again.
- If the LE error persists, turn the washer off and back on again to clear it.



Specifications & Wiring Diagram

Model	DWC-M25CW
Net Dimension	550(W) X 650(H) X 324(D)
Net Weight	21.7kg
Standard Water Use (Cold Course)	25ℓ
Power	240V / 50Hz
Standard Load Capacity	Wash: 2.5kg, Dry: 1kg
Operational Water Pressure	98.1kPa - 784kPa (1kg/cm ² - 8kg/cm ²)

※ Product specifications may change without notice for quality-improvement purposes.





The customer may be billed for outcalls concerning problems caused by improper use and/or installation. Please remember to read the user manual.

Service Center ☎400-6666-061



ABOUT THIS MANUAL

(주) 신광씨링

광주광역시 서구 하남대로

502번길 14

담	당	이청휘 님			
브	랜	드	WINIA	언 어	영어
M O D E L			WFCM211C0MA01BCCW		
			DWC-M25CW		
B U Y E R			호주향		
M E M O			총 36p (150 x 215)		
17.10.11-17p (표지, 표지뒤, 2p, 3p, 4p, 17p, 18p, 19p, 20p, 21p, 22p, 23p, 24p, 25p, 26p, 27p, 31p _ ① 신규 작업, ② 일러스트 호환 작업 1 cut)					
17.10.18-4p (17p, 24p, 26p, 27p)					
17.10.20-5p (표지, 표지뒤, 2p, 3p, 31p)					
17.10.23-1p (17p)					
17.10.24-3p (4p, 18p, 19p)					
17.11.07-2p (17p, 31p)					
17.11.13-3p (5p, 18p, 26p)					
18.04.24-1p (25p _ 8번문구 삭제)					
18.07.11-1p (13p _ 약세사리 부분 수정) _ 전은일 님					
20.07.07 - 총 3p(표지,특징,13)_WINIADAEWOO_김정환 님					
20.09.09 - 총 1p(31)_김정환 님					
20.09.10 - 총 1p(31)_김정환 님					
21.04.09 - 총 2p(3,28)_고영학 님					

NO NEED PRINT