



mini
Wall-mounted Drum Washer

DWD-M253CW

※ This is **mini**, the world's first wall-mounted drum Washer 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

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

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

Wall-mounted Drum Washer

World's first wall-mounted drum Washer 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 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.

CONTENTS

Getting Ready	Product Features	4
	Safety Precautions	5
	Getting Ready	10
	Parts & Components	11
	Washable Items	12
	Non-Washable Items	12
	Preparing Laundry for Washing	13
	Adding Detergent and Fabric Softener	14
	Course Selection Guide	15
Using the Washer	Buttons and Functions	16
	Cold	17
	Delicate	18
	Spin	19
	Baby Care	20
	Quick Wash	21
	Intensive	22
	Organic	23
	Tub Clean	24
	Time Delay	25
	Cleaning	26
	Checking	Troubleshooting
Before Contacting Customer Service		28
Specifications & Wiring Diagram		29



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.

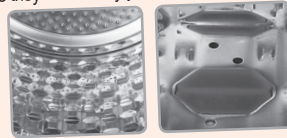
Low-Noise, Low-Vibration

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, Intensive, Organic and Tub Clean courses, mini has all your laundry needs covered.



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

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.



Warning

Cautionary information on cases that may cause death or severe personal injuries



Caution

Cautionary information on cases that may cause minor personal injuries or damage to products

Warning



Do not use the washer when the power cord is damaged or loosely plugged in.

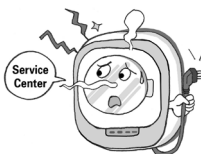
Violations may cause electric shock, short circuit, or fire.

Contact a sales store to request the maintenance service.



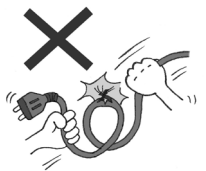
If the washer doesn't run or smokes or unusual smells occur, unplug the washer and contact the service center promptly to prevent accidents.

Violations may cause electric shock, short circuit, or fire.



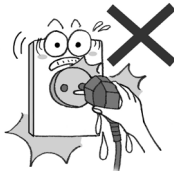
Do not scratch, damage, deform, bend, pull, twist, or tie the power cord. Do not place or insert a heavy item on the cord.

Violations may damage the power cord, raising the risk of fire and electric shock.



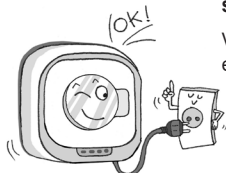
Do not unplug or plug the cord with wet hands.

Violations may cause electric shock.



Ensure that the power voltage, frequency, and current match the product's specification.

Violations may cause fire and electric shock.



Do not disassemble, repair, or rebuild the washer without the assistance of service engineer.

Violations may cause fire, electric shock, and personal injuries.

Contact a sales store or read the back page of user manual to request the maintenance service.





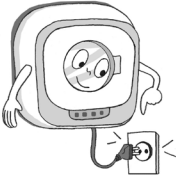
Safety Precautions

Warning



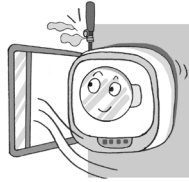
Insert the plug with 10A or higher in the outlet directly.

Multiple connections to a single outlet may cause fire due to heat.



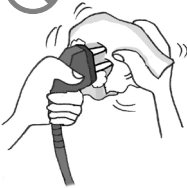
Unplug the cord and open the window for ventilation without touching any buttons if a gas leak occurs.

Violations may cause a spark and, accordingly, explosion, fire, or burns.



If the power cord pin is contaminated with dust or water, wipe the pin clean with a dry cloth before use.

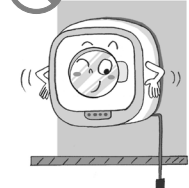
Violations may cause fire.



Electrical grounding is required for safety.

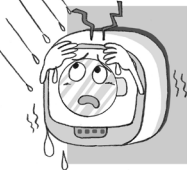
Technical problems or short circuits may cause electric shocks.

Read user manual or contact the service center with further inquiries on grounding method.



Do not expose the washer to rain or wind.

Violations may cause electric shock, fire, technical problems, or deformation.



Do not place gasoline, petroleum, benzol, thinner, or alcohol inside or beside the washer. Do not place laundry containing such materials inside or beside the washer.

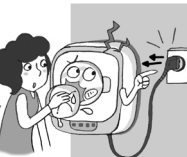
Violations may cause explosion or fire.



Unplug the power cord before cleaning or maintenance work.

Violations may cause electric shock or injury.

Do not sprinkle water on the washer. Violations may cause short circuit or electric shock.



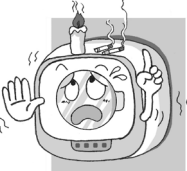
Do not enter the laundry room and contact the service center, if the washer is submerged in water as the water supply hose was dislocated.

Violations may cause electric shock.



Do not install the washer near a heater and do not place candles or cigarettes on the washer.

Violations may cause fire or deformation.



Water pressure for proper operation of the equipment is 50kPa ~ 800kPa. Use the supply hose and the water hose connection with SET equipment SET is not reuse old hoses



Safety Precautions

Warning



Do not place your hands or metal objects below the washer while the washer is running.

Violations may cause personal injuries.



With 'Door Locked', do not open the door by force.

Violations may destroy the door or lock, causing technical problems.



Prohibit children from operate the washer. Do not let children stand on the washer or insert their head into the tub at any time.

Violations may cause personal injury, burn, or electric shock.



Prevent children from having their hands jammed in the door and approaching the washer.

Violations may cause personal injuries.



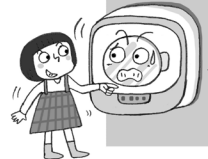
Do not insert hands, sticks or metal objects into the tub or touch laundry during operation.

Violations may cause personal injuries.



Children or people who are not well-informed of use method must not use the washer.

Violations may cause burn, electric shock, or injury.



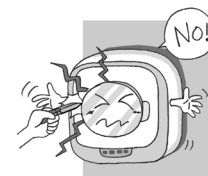
Install the washer where the electric outlet is easily accessible. Unplug the power cord if the washer is not to be used for a long time.

Violations may cause electric shock, short circuit, or fire. Hold the plug firmly when unplugging the power cord.



Do not press the button with sharp object.

Violations may cause electric shock.





Safety Precautions

Caution



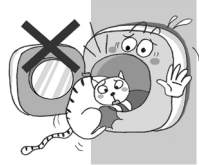
Turn on the tap to check for leaks before use.

Improper connection may cause leaks.



Prevent pets and animals from entering the washer tub.

Violations may cause injuries.



Do not operate the washer with the detergent or softener container detached.

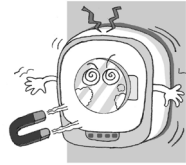
Detachment of the detergent or softener container causes water leaks during operation. Please close the detergent and softener containers tight.

Leaks may cause personal injuries.



Do not place magnets beside the cap or the washer during operation.

Violations may cause malfunctioning of 'Door Lock Sensor' and personal injuries accordingly.



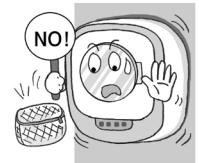
Install the washer on a solid wall and even.

Violations may cause abnormal vibrations or noise.



Do not use laundry net for wash.

Violations may cause abnormal vibrations, which can lead to damage wall or cause personal injuries.



Do not stand on the washer or place a heavy item on it.

Violations may destroy the washer or cause personal injuries.

Prevent children from hanging on the washer. Violations may cause injuries.



Contact the service center and do not operate the washer when it is slanted or out of horizontal.

Violations may cause injuries.





Safety Precautions

Caution



Remove any detergent residue or contaminants on the washer with a wet soft cloth.

Remaining contaminants may deform plastic parts.



Close the door carefully to prevent laundry from getting jammed in the door.

It may cause damage to clothes or malfunction.



Turn off the tap after use.

It aims to prevent leaks caused by poor inlet hose connections.



Press the Start button after turning off the tap and then slowly turn it on when the water supply resumes or the inlet hose is reconnected (or when resuming the use of washer after a long-term suspension)

The high air pressures built in inlet hose or water pipes may damage the washer, causing leaks or personal injuries.



Do not use the washer to wash non-clothing items. (Footwear, potato, cabbage, kelp, etc.)

Violations may cause abnormal vibrations, damage the washer or cause personal injuries.



Put detergent and softener in detergent and softener containers separately.

Confusion or mixture may prevent laundry from being washed properly.



Do not wash waterproof clothes and items such as raincoat, car cover, and sleeping bags.

Violations may cause abnormal vibrations during spin, which may lead to personal injuries.

Violations may cause abnormal vibrations during wash, which may lead to damage the wall, floor, or clothing and cause part abrasion.



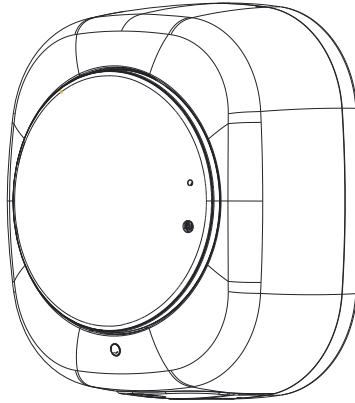
Remove all liquid detergent and fabric softener in the washer when relocating it.

Violations may cause liquid leaks and malfunctions.





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.
- 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.

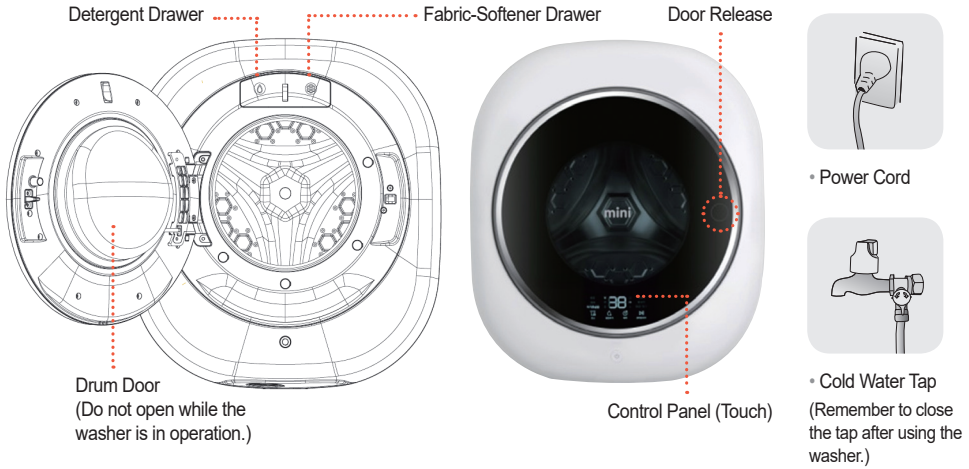


Caution:

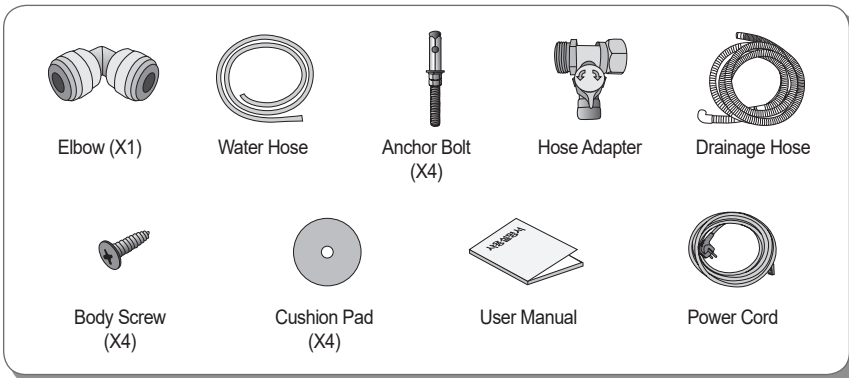
This product uses cold water only. Do not connect the water hose to a hot-water source.



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.

Washable Items

Washable Items

- Underwear and socks
- Dress shirts and T-shirts
- Towel, handkerchief, pillow cover, kitchen towel, and dust cloth
- Baby clothes, nappies, and underwear
- High-quality clothes such as blouse, knitwear, and wool clothing
- Women's wear such as lingerie and stockings



Non-Washable Items

Leather and silk items

- Product such as pillow and comforter padded with cotton or foamed urethane (sponge)
- All-wool blanket, electric blanket, blanket with a hair length of 10mm or longer, and carpet cover
- Mat and carpet made of animal hair
- Wash supplements for commercial sales (laundry ball, dust absorption filter, etc.)
- Rubber, nylon, and plastic items
- Waterproof mat, sheet, or clothing



About Laundry Shrinkage

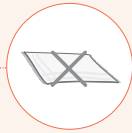
Laundry shrinkage varies by the wash cycle, type of fabric, weaving and sewing methods, and finishing. Please examine the laundry guides before wash.

- Easily shrinkable items:
Cotton shirts, synthetic socks, etc.
- Shrinkage-free items:
Polyester blouse, synthetic shirts (shirts), etc.

Preparing Clothes for washing

Waterproof mat or sheet, solid and heavy clothes, doormat, and blanket, and non-permeable fabric products are not suitable for washing, rinsing, or spinning.

- Floating laundry or abnormal vibrations may cause personal injuries or damage to the washer, wall, floor, and clothes.



Remove dust and sand from the laundry before use.

- Removal reduces the risk of malfunction.



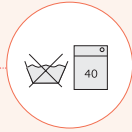
Remove coins, hairpins, curtain attachments, and clips from the laundry.

- The metal items may damage clothes and washer or cause malfunctions.
- The metal items may cause dust or trash clogs in the drainage, which leads to mechanical problems with the washer.



Check the laundry guide labels.

- Wash the clothes as specified in the guides. Wash the colored and white clothes separately.



Reverse fluffy clothes before washing. Sort the clothes by fabric type before washing (cotton, jean, synthetic fabrics, etc.)

- Mixture may cause damage to fabrics.



Hand-wash partially contaminated clothes before using the washer.

- Use stain removal detergents or bleaches.



Tie strings and close zippers.

- It may cause damage to the clothes or the washer.



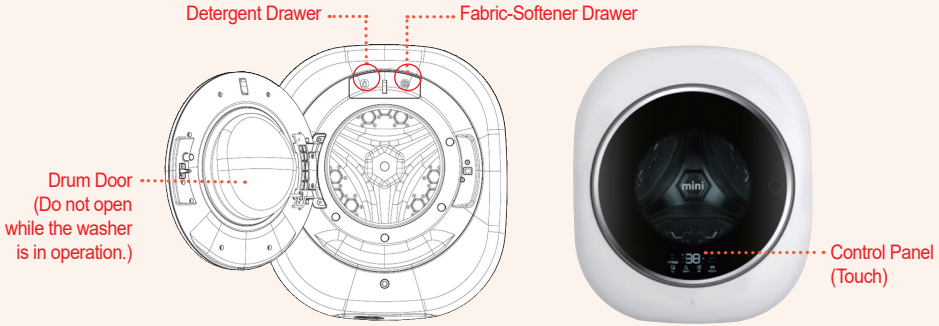
Do not wash thick or voluminous clothes in the washer. (Jeans, bathing gown, bathroom mat, thick sportswear, etc.)

- As thick clothes are not evenly washed in the tub, vibrations increase during the spin cycle.



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.

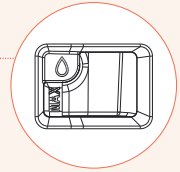


Wait! Read this before adding the detergent.

- Do not add detergent to the detergent drawer more than once per wash.

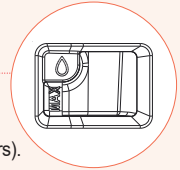
Caution

- 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








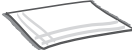
Course	Recommended Load Size	Course	Recommended Load Size
Cold	2.5kg	Quick Wash	1.0kg
Delicate	1.0kg	Spin	2.5kg
Baby Care	2.5kg	Organic	1.5kg
Intensive	2.5kg	Tub Clean	-



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

 <p>Baby Clothes (top and bottom) Cotton, approx. 200g</p>	 <p>Bath Towel Cotton, approx. 300g</p>	 <p>Pajamas Cotton, approx. 500g</p>	 <p>Underwear Cotton, approx. 50g</p>
 <p>Dress Shirt Blended, approx. 150g</p>	 <p>Trousers Cotton, approx. 600g</p>	 <p>Innerwear Cotton, approx. 130g</p>	 <p>Baby Towel Cotton, approx. 10g</p>



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 Time Delay

- Use this button to select the desired duration.
The selected duration is shown on the LED display. The Time Delay 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:

- Push the door slightly if the door is not easily opened after the completion of washing.
- If 'Door Lock' is not working due to the overloading of laundry or incomplete door closing, push the door slightly.
- You can open the door of running washer about 5 minutes after a power interruption.
- Please open the door carefully for safety if the washer stops running during a wash or rinse cycle because of a power interruption. (Reset the 'Door Lock' mode if it remains unsafe after power supply resumes)





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:

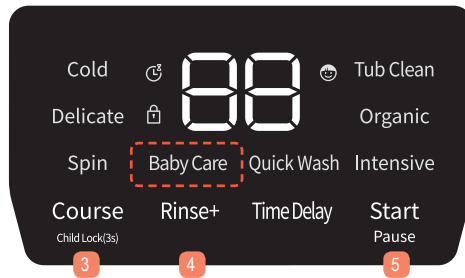
- The drum may sometimes fill with water during the Spin course. This is to help untangle the items inside the drum and is not a malfunction.

"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."



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 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 temperatures 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."



Organic

Select the Organic Course to wash Organic clothes, and clothing requiring steam wash and bleaching.



1) Close the door and load the washer with clothes. Add detergent and fabric softener into the detergent and softener containers respectively and then close the door.

Close detergent and softener containers to close them tight before use.

2) Press the Power button slightly for a second.

3) Press the Course button to select 'Organic'.

The water temperature of 40°C, three rinse cycles, and Low spin cycle are selected automatically.

Press the Add Rinse button to change the number of rinse cycles.
(Up to 5 rinse cycles are available)

Tip

4) Press the Start/Pause button.

The wash cycle starts with water supply after the door is locked.

Note:

- The water temperature is maintained at 40°C without any changes during the cycle.
- If the steam wash causes excessive bubbles, you can remove them by repeating the process of Drain(spin) → Water Supply(rinse+spin) → Start/Pause.
- Do not wash clothes that are not resistant to heat.
- Press the Start/Pause button and then select other buttons to change the setting while the washer is running.
- Three rinse cycles apply automatically for Organic clothes.

Caution:

- Please check whether the laundry is suitable for steam wash (Organic clothes, etc.)
- Wash white and bright-colored clothes and dark items separately.



"Select the Organic Course to steam wash baby clothes and cotton products. The Course helps clean your laundry hygienically with hot water and three rinse cycles."



Tub Clean

Select this course to wash and clean the washer's drum.



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) Add powdered bleach into the drum.

Use appropriate amounts of powdered bleach and drum detergent.

※ Do not add powdered bleach or drum detergent into the detergent drawer or the fabric-softener drawer.

※ Adding these products into either of the drawers can cause a malfunction and/or water leak.

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

• Water temperature is set to cold, rinse cycles is set to 2, 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 Tub Clean course is 8.

Tip

5) Press the Start/Pause button (⑤).

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

Note:

- The only selectable course will be Rinse+.

- Do not, under any circumstance, add laundry to the drum while using the Tub Clean course.

- Run the Tub Clean course once a month.



"Keep the inside of the washer clean to make sure your clothes are washed to their cleanest.

Tub Clean will wash the drum clean for better, cleaner results."



Time Delay

Use this to set the preset function. Determine in how many hours from now you want to start laundry.



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

2) Open the drum door.

Press the Drum Door Open button (②), and the drum door will open.

3) When the drum door is open, put the laundry in, and close the door.

Completely close the detergent box and the softener box before use.
Put the laundry in, and select the desired course.

4) Select the preset time by pressing the Preset button (③). (from one to 18 hours)

5) Press the Start/Pause button (⑤).

After the door is locked and the preset time has elapsed, the laundry will start.

Note:

- You can set the preset time from one to 18 hours.
- During the preset time, if you press the Start/Pause button, the lamp of the preset course will be turned on.
- The preset time indicates when the preset laundry course will begin.
(That is, if you set the preset time to be three hours and press the Start/Pause button, the preset laundry course will start in three hours.)
- You cannot put additional laundry in during the preset time.
(In order to add laundry, turn off the power and then turn on again, and put the laundry in.)



"Use this convenient button when you want to start laundry after a certain period of time. You can do the laundry by setting the desired course."



Cleaning

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



Warning

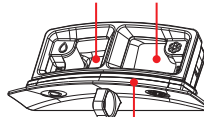
- ▶ Remember to unplug the power cord before cleaning the washer.
 - May result in an electric shock and/or injury.
- ▶ Do not spray water directly on the product.
 - May result in short-circuiting and/or an electric shock.



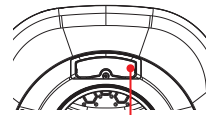
■ Cleaning the detergent and fabric-softener drawer

- 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 drum

- Rust: Using water containing rust particles, washing metallic objects like hairpins, and filling the drum with water and letting it sit for a long time are all causes of rust formation.
- Rust Removal: Wipe the rust off using a piece of soft cloth or a sponge with a commercially available rust-removal cream. ※ Using a metallic scrubber will further damage the drum.
- Detergent Residue: Prolonged use of the washer without cleaning and use of excessive amounts of detergent cause dark and patchy detergent residue to form inside the drum. This residue can affect the wash quality and even end up staining clothes. Use the Tub Clean course to clean the inside of the drum.



■ 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.



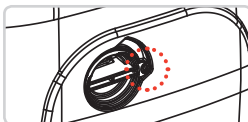
■ Cleaning the drainage filter

- 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.

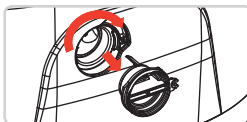


Caution

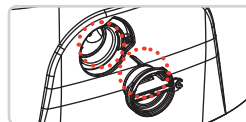
- Some water may leak out from the product. Have a container ready to catch the water and remove the cap filter.
- Removing the filter while the washer is in operation may result in hot water spewing out and causing a burn. Please be careful.



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
<p>[1] There is a strange odor coming from the drum.</p> <p>[2] The washer suddenly stops while washing is in progress.</p> <p>[3] The drum will not fill with water.</p>	<p>[1] This odor may be caused by a buildup of debris and waste detergent inside the drain. Remember to clean the drain regularly.</p> <p>[2] Refer to error codes E5, E6, E7, and E8 and then contact your retailer or the service center.</p> <p>[3] Check to see if the water valve is open.</p>
<p>[4] The water drains in the middle of a wash.</p> <p>[5] The drum fills with water during the spin cycle.</p> <p>[6] It takes a long time to complete a wash.</p>	<p>[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.</p> <p>[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.</p> <p>[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.</p>
<p>[7] Towels come out stiff.</p> <p>[8] The washer makes a strange noise during the spin cycle.</p> <p>[9] The remaining time suddenly goes up.</p>	<p>[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.</p> <p>[8] Make sure the power cord is securely connected to the product.</p> <p>[9] The remaining time goes up if the laundry load is distributed unevenly inside the drum.</p>
<p>[10] The remaining time doesn't change.</p> <p>[11] There is a weird noise at the end of the spin cycle.</p>	<p>[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.</p> <p>[11] The noise is caused by the electronic braking system and is not a malfunction.</p>
<p>[12] The drum doesn't seem to be filling with enough water during the wash or rinse cycle. (Low-water level)</p>	<p>[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.</p>
<p>[13] The drum fills with water again during the wash or rinse cycle.</p>	<p>[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.</p>
<p>[14] A long time has passed since the spin cycle started, but the drum hasn't moved or is spinning at a slow rate.</p>	<p>[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.</p>



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
 <p>Nothing displayed</p>	<ul style="list-style-type: none"> • 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?
 <p>IE</p>	<ul style="list-style-type: none"> • Is the tap open? • Is the water filter clogged? • Is the water hose frozen? • Has there been a water outage? <p>※ 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.)</p>
 <p>OE</p>	<ul style="list-style-type: none"> • 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? <p>※ 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.)</p>
 <p>LE</p>	<ul style="list-style-type: none"> • Is the door open? • Is the door securely closed on both ends? <p>※ 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.)</p>
 <p>EE</p>	<ul style="list-style-type: none"> • Contact the service center.
 <p>EE</p>	<ul style="list-style-type: none"> • Contact the service center.
 <p>Other issues</p>	<p>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.</p>



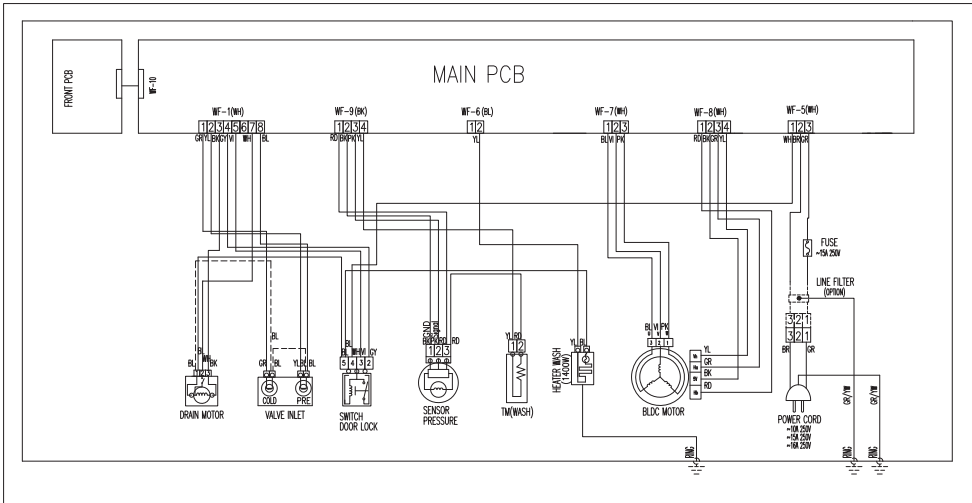
- If the LE error is shown on the display, open the door and close it again.
If the LE error persists, turn the washer off and back on again to clear it.



Specifications & Wiring Diagram

Model	DWD-M253CW
Net Dimension	550(W) x 600(H) x 324(D)
Net Weight	20.4kg
Standard Water Use (Cold Course)	25ℓ
Power	240V / 50Hz
Standard Load Capacity	Wash: 2.5kg
Operational Water Pressure	98.1kPa - 784kPa (1kgf/cm ² - 8kgf/cm ²)

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





mini
Wall-mounted Drum Washer

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	WFWM211C1MA01BCCW		
	DWD-M253CW		
B U Y E R	호주향		
M E M O	총 32p (150 x 215)		
17.11.07-17p (표지, 표지뒤, 2p, 3p, 4p, 12p, 15p, 16p, 17p, 18p, 19p, 20p, 21p, 22p, 23p, 24p, 28p _ ① 신규 작업, ② 일러스트 호환 작업 1 cut)			
17.11.13-10p (5p, 6p, 7p, 8p, 9p, 10p, 13p, 16p, 22p, 26p)			
20.08.30 - 총 3p(표지,특징,28)_김정환 님			
20.09.04 - 총 1p(28)_김정환 님			
20.09.09 - 총 1p(28)_김정환 님			
21.04.09 - 총 3p(목차,23,25), 사진 및 일러스트 호환 : 총 2cut_고영학 님			

NO NEED PRINT