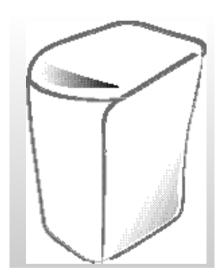


WASHING MACHINE

User's Manual



Please read this manual before using and note how to use in the proper manner.
Please be careful of keeping the manual.
Otherwise, it should be bought separately.

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FEATURES

DEC SYSTEM

 Abbreviation of Digital Freewater Control system. As an Ideal combination of Digital temperature control function / Digital spin control function / Speed control function, It controls the water temperature/way of rotation / speed properly according to the clothes. This system cleans the heavy dirt completely and delicately without damaging the clothes.

DIGITAL TEMPERATURE CONTROL FUNCTION

- Washing detergent has it's own temperature for the maximum activation. The water temperature for this activation is slightly different according to the detergents, but normally it shows the best effect in 30°C ~ 45°C. Digital temperature control function the water in the optimum temperature mixing the hot water and cold water properly with the censor in the washer tub.
- In each course, the optimum water temperature is automatically set up, but you can adjust the water temperature manually.

DIGITAL SPIN CONTROL FUNCTION

- Realizing multi rotary manners proper to the laundry, control the rotation of washing board / tub and make the washing minutely without damaging the laundry. It makes swift current by spinning the washing board and tub each in an opposite direction in heavy dirt course. In light dirt course, increase the energy efficiency spinning the washing board only. In case of highclass clothes, spinning the washing board / tub in one direction together and making the smooth current like hand washing, It reduces the damage on the clothes.
- No need to adjust the manner of spin separately as it automatically sets up the optimum manner of spin in each course.

DIGITAL SPEED CONTROL FUNCTION

- Adjusting the suitable speed of spin in the washing board / tub for each washing course and amount of laundry with the digital spin control function ,lt makes proper force of current. Therefore it reduces the damage on the laundry and makes the maximum effect of washing.
- It controls the speed automatically for every course. So, it does not need to adjust the speed separately.

POWER INVERTER MOTOR WITH I OW-NOISE

Washing in silence by adapting inverter resinments.

POWERFUL AND CLEAN STAINLESS WASHING BOARD

 Less tangled and damaged laundry through the magic stream of water from the powerful clean washing board even in case of the long-term use.

MAGIC FILTER OF DOUBLE POWER (REMAINDERS FILTER)

 Two magic filters completely block the remainders from the laundry regardless with the water level and this is the feature that makes the dirt off with out additional rinsing.

WATER WASTE PREVENTED WASHING MACHINE

 Reducing the unnecessary water between the inner & outside bodies, cut down the water consumption.

SAFETY INSTRUCTIONS

Please note that the following precautions for safety intend to prevent unpredictable danger and damage by helping the proper use in safety.

When using hot water in washing, please make sure that the water should not exceed 50°C.

• Plastic parts may be deformed or damaged, and an electric shock or a fire may take place.

WARNING

There might be serious injury or fatal accident when you violate this instruction.

If the power supply cord or plug is damaged or loosened, do not use.

• An electric shock or a fire may take place.

Do not pull the cord off or touch it with moist hands.

• An electric shock or a fire may take place.

Do not bend the power supply cord by force or press it with heavy things.

• An electric shock or a fire may take place.

Do not install the washer nearby electric implement or don't put a candle light or cigarette light on the washer.

• A fire may take place.

Do not disassemble, repair or remodel it recklessly.

 When you need to repair it, please call service agent. An electric shock or a fire may take place.

During operation, do not put your hands or metal materials under the washer.

 You may be hurt by spinning board beneath the washer.

Stay away from the washer when the bottom of the washer sinks into the water.

 There might be an electric shock. Please wait until the water drains out completely.

Do not put laundry stained with gasoline, benzene, or alcohol in the washer, and keep the materials away from the washer.

· An explosion or a fire may take place.

During spinning, don't put your hand in the spinning tub.

 It may hurt your hands. If it does not stop within 15 seconds after you open the lid, call service agent immediately.

CAUTIONS

There might be a slight injury or damage when you violate this instruction.

Don't' install it in the area with moisture or outdoor where it has rain or snow

• An electric shock or a fire may take place.

Please unplug the power supply cord when you do not use it.

· An electric shock or a fire may take place.

If there is dust or water on the power supply plug and its connected part, please remove it completely.

An electric shock or a fire may take place.

Do not make your kids look into the inside of the washer.

 If your kid falls into the washer, his life could be in danger.

Ventilate immediately without touching the power plug if gas is leaking.

 An electric shock or a fire may take place if it catches flame.

If the washer makes strange noise, smell or smoke, unplug it promptly and call service agent.

An electric shock or a fire may take place.

When cleaning, don't spray water to the parts of the washer directly.

It may make it's life span shorten.
 Also an electric shock or fire may take place

Don't use several appliances together with an outlet.

• A fire may take place due to unusual heat.

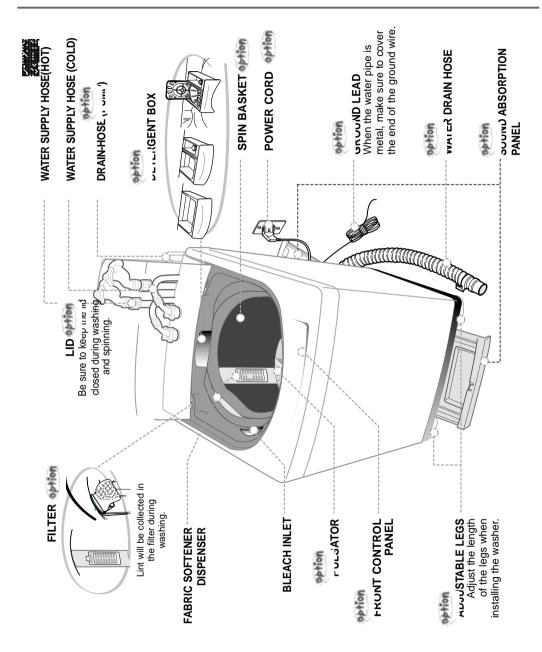
Don't press the button with an awl or pin.

• An electric shock or a fire may take place.

DESCRIPTION OF PARTS

The User's Manual is for common use.

Make use of the User's Manual depending upon your washing machine model.



CONTROL PANEL

For more details, see control panel of your washing machine.

POWER BUTTON



- Select it when you put the power to "ON" or "OFF".
- · Automatically turned off after washing.
- Automatically turned off without pressing any other button for 10 minutes in power-off condition.

START/ HOLD BUTTON

· Press it when you start or want to pause



DELAY START BUTTON

- Use this function when you finish the washing on the time you want.
- Press power to "OFF" in order to cancel the reservation.





- Use this function when you want to wash separately or adjusting the washing time.(5 minutes ~ 20 minutes)
- Keep pressing this button when choosing sock washing.

RINSE BUTTON



- Select this function when you want to rinse only and change the rinsing frequency.
- You can choose maximum 5 times.

SPIN BUTTON



- Select this button when you want to spin only and adjust the spinning time (1minute ~ 7 minutes)
- If you want to protect wrinkles in spinning, select this button for 1 minute spinning.
- If you select "Spin" only, there is a gap shown between the timer for spinning and the timer for whole working, which included more time for draining and holding.

LEVEL METER

 Set it for the water drop to come in the center, moving the adjustable legs.

SUPER RINSE BUTTON



- Use this function when you want clean rinsing with more of water than washing.
- Available to rinse in one step more than the water level of washing

WATER TEMP SELECT BUTTON



 As you press this button, the type of water is selected as follows.

COLD → COLD+HOT → HOT → COLD

❖ WATER TEMP INDICATOR

- When washing / rinsing each course, indicates the adequate water temperature automatically.
- The temperature is indicated in 4 grades.

Hot water: Supply hot water only.

in Effective for activating the detergent and

control in 25~ 35°C.

Cold water: Supply cold water only. (There might be a difference in the water temperature according to water pressure and temperature of hot water)

WATER LEVEL BUTTON



- Water level is automatically indicated, but you can adjust it.
- Alterable in the middle of working.

❖ WATER LEVEL DETERGENT INDICATOR

- In proportion to the amount of laundry, the water level and amount of detergent are automatically indicated.
- Indicates water level in 10 grades.

❖ TIME I FET/ DELAY START/ FRROR SIGN INDICATOR

- Indicates the left time until the end of the washing.
- · Indicates advance time
- Indicates the trouble in the machine and take an action for the error with them.

❖ PROCEDURE INDICATOR

- Indicates the procedure of washing, the remaining time and remaining frequency.
- · In it's procedure, it flickers.
- If you select the washing time more than 20 minute, soak washing is indicated.

WASHING PROCEDURE

Before starting washing, check the following;

Connect the water supply hose to the water tap. Leave a tap open. Plug the power cord in. Make sure to lay down the drain hose. (In case no drain pump)

Put the laundry into the washer and add detergent, too.

Be careful not to overload. Use right detergent for the fabrics you are washing.

FUZZY COURSE



- Put the laundry into the washer and push the **POWER** button to on.
 - · Fuzzy course button lights on.
- 2. Press START / HOLD button.
 - Measuring the weight of laundry, washer moves it's body without water and then indicates adequate amount of water and detergent.
 - The adequate temperature of water is automatically selected.
- Open the lid and put the detergent/ softener in proportion to the water level indicated. Then close the lid.
 - When you open the lid in operation, it stops washing (But water supply will be continued).
 - In case of using the hot water only, cold water is supplied during the first 20 seconds to avoid damaging the laundry by hot water.
- On it's operation in every course, washing time, rinsing frequency & spinning time can be adjusted.
- With the press of the function button on water temperature, the water temperature in washing/ rinsing is selected manually in every course (except wool course).
- With the press of the water supplement button, additional water is supplied in rinsing the laundry. (except CLEAN TUB course)

> BLANKET COURSE



(For big laundry like quilts or bedcovers)

- Put the laundry in the washer and press the POWER button to on.
- 2. Select the course button once.
- Press START/HOLD button.
 Put the detergent/softener in proportion to the water level and then close the lid.
 - Blanket may get stained with the detergent.
 Therefore, detergent in the liquid detergent device is suggested.

SPEEDY COURSE

(For laundries with light dirt like towels in a short time)



- Put the laundry in the washer and press the POWER button to on.
- 2. Select the course button twice.
- Press START/HOLD button.

Put the detergent/softener in proportion to the water level and then close the lid.

- Spinning the washer board brings high energy efficiency.
- In case of heavy laundry, it automatically spin the washer tub to improve the power of washing.

Note

- Measuring the weight of laundry, washer moves its body without water in every courses, and then indicates adequate water level and amount of detergent. (except clean tub course)
- Every course automatically indicates the water temperature and also it can be selected by pressing the water temperature button as you want. (except wool course)

WOOL COURSE

(For laundries with wool washing mark like sweaters, cardigans or delicate clothes)



- 1. Put the laundry in the washer and press the **POWER** button to on.
 - Be sure the weight of laundry is less than 2kg.
- 2. Select the course button three times.
 - Select the adequate water level manually in case of light laundry for the size
- Press START/HOLD button.

Put the detergent/softener in proportion to the water level and then close the lid.

- Slightly dry the laundry at the last to avoid wrinkles.
- · Cold water only be selected.
- Use neutral detergent
- Spinning into a side together or spinning the washer board only prevent the damage on the laundry.

MEMORY COURSE

(Memorize the functions frequently used, and you can use it easily when washing the next time)



- Put the laundry in the washer and press the POWER button to on.
 - Check to put the functions you need before washing.
 - Refer to the following instruction on how to set up the memory course.
- 2. Select the course button four times.
 - Selected functions are displayed on the control panel.
- 3. Press START/ HOLD button.

Put the detergent/softener in proportion to the water level and then close the lid

- How to set up memory course
- 1) Press the POWER button to on.
- Press MEMORY button to on. It is shown same as the beginning of Fuzzy course.
- Select the functions frequently used manually (such as water temperature, time of washing/drying and rinsing.)
- Press the momory button one-second or more to input selected mode (Press the button until buzzer makes sound once more).
 - Press the START/HOLD butto to run input mode.
 - Repeat the above proceduce to change the Memory mode.
 - Even when power system turns OFF, your final input mode is memorized.

CLEAN TUB COURSE (in cleaning the washing tub)

- 1. Press the **POWER** button.
- 2. Select the course button five times.
- Press START/HOLD button.
 Put the detergent in proportion to water level and close the lid.
 - · Sock washing adjusted.
 - Water temperature select button only adjustable.
 - · Ideal detergent : powder bleach
 - Remove the dirt in the outer wall of the washing tub with powerful stream of current.

DELAY START



- Put the laundry in the washer and press the **POWER** button to on.
 - Make sure to open the tab.
- 2. Press **DELAY START** course button.
 - 1) Increase one hour more each press from 3 hours and you can select by maximum 19 hours.
 - 2) After selected time is over, it finishes washing.
 - You can choose a course separately as you want.
- Press START/ HOLD button.

Put the detergent in proportion to water level and close the lid.

- Be sure of putting the detergent into the liquid soap device.
- In case of putting the detergent into the laundry directly, it may be discolored according as the reservation is longer.
- Press the power button in order to cancel the reservation.
- It could be finished at slightly different time due to the water pressure.





- Put the laundry in the washer and press the **POWER** button to on.
- 2. Select **HEAVY** course button.
- 3. Press START/HOLD button.

Put the detergent/softener in proportion to the water level and then close the lid.

- Here adjusted soaking course during 20 minutes to remove the heavy dirt at the collar of laundry (When need more soaking, press wash button select 40 minute soaking time manually.
- The washing board and tub spinning in the opposition way gives great efficiency washing.

SUPER RINSE COURSE



MANUAL FUNCTIONS

Each washing course changes manually.

Ex) If you want to wash in the speedy course: Power - Select speedy course - Wash - Start/Hold button

WASH ONLY



- 1. Press the **POWER** button to on.
- 2. Select WASH.
 - Press the wash button and adjust the washing time.
 - You can adjust the washing time from 5 to 20 minutes per one minute.
 - Sock washing is available.
- 3.Press START/HOLD button (close the lid)

Note

- It water still remains after wash select SPIN only.
- Remainder of water to be removed.
- Even though the water level is auto matically set up, select the adequate water level according to the laundry.

RINSE ONLY



- 1 Press the **POWFR** button to on.
- 2. Select RINSE.
 - Press the rinse button and select the rinsing frequency.
 - You can adjust the frequency from 1 to 5 times.
- 3.Press START/HOLD button (close the lid)

Note

select **SPIN** only.

Remainder of water to be removed.

It water still remains after wash.

 Even though the water level is automatically set up, select the adequate water level in case that the laundry is soaked.

SPIN ONLY

- 1. Press the **POWER** button to on.
- 2. Select SPIN.
- POWER SPIN START/HOLD
- Press the spin button and adjust the time of spinning.
- You can adjust from 1 minute to 7 minutes.
- The washer spins slowly in order to prevent the clothes being tangled.
- 3. Press START/HOLD button (close the lid)

Note

 If you select SPIN only, there is a gap shown between the timer for spinning and the timer for whole working, which included more time for draining and holding. So, note it does not mean out of order.

WASH + RINSE

POWER

- START/ HOLD
- 1. Press the POWER button to on.
 - 2. Select WASH and RINSE.
 - Please adjust the washing time and rinsing frequency.
 - 3. Press START/HOLD button.

Note

 It water still remains after wash select SPIN only.
 Remainder of water to be removed.

RINSE + SPIN

RINSE



- 1. Press the POWER button to on.
- 2. Select RINSE and SPIN.
- Adjust the rinsing frequency and spinning time.
- 3. Press Start/Hold button (close the lid)

Note

 If more rinsing is necessary, select the rinsing water supplement.

INSTALLATION & MAINTENANCE

The User's Manual is for common use.

Make use of the User's Manual depending upon your washing machine model.

ENVIRONMENT

Leave some space

Maintain at least 10cm between the washer and the wall. Place the washer on a sturdy flat surface.

If the washer is placed on an uneven or weak surface. noise or vibration occurs. (Allowable is 1°)

Adjust the leas for even placement.

Never install the washer near water.

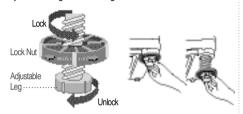
Do not place the washer in steamy rooms or where the washer is directly exposed to rain. Moisture may destroy the electrical insulation causing an electrical shock hazard.

Avoid direct sunlight or heaters.

As plastic and electrical components are affected by direct heat, never place the washer near furnaces, boilers, etc. Do not place under direct sunlight.

LEVELLING • If the washer is not leveled with the ground, it makes the machine tremble more or be out of order. So, make sure that the washer is leveled properly.

Adjust the height control legs to make eve.



- · After slightly lifting up the machine, rotate the adjustable leg counter-clockwise and pull as much as need to adjust the reight.
- After putting down the machine after adjustment.



- Adjust the height and secure.
- · Secure the lock nut by rotating it firmly.
- If the lock nut is not secured, the adjustable leg may be released.

Adjustment of height

If not leveled, adjust the legs to level the washer.

 Be careful not to put in your hand under the leas. (It may cause some injury)



Pull the handles located at the right and left of the front side and slide off.



Adjust the water drop mark to be in the red circle pulling back the machine slightly, and then, push it with a feet to fix.



Fix the handles by hand completely.

Waterdrop mark	Cause	How to level
	The front part is lower	Level it by adjustable legs.
	The back part is lower	Adjust the height by using the adjustable rubber or prop at the back.
	The left part is lower	Adjust the left part by using the adjustable legs at the front and the adjustable rubber at the back.
	The right part is lower	Adjust the right part of the washer by using the adjustable leg at the front and the adjustable rubber at the back.

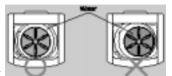
LEVELLING (TypeB)

SEE IF THE MACHINE IS PLACED LEVEL BY CHECKING THE POSITION OF THE WASHING TUB.

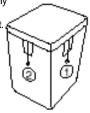
- Open the lid of the machine, pour water into the tub up to the level just below the pulsator, and adjust the legs so that the pulsator is positioned at the center of the water as shown in the figure.
- Place the machine more than 10cm away from the wall.
- Adjust the legs on feet for levelling .

Loosen

n Loci



- 1. Adjust the side horizontally first and the front in same direction **②** next.
- 2. If the thread is not within the limit, adjust the height of the legs.



CONNECTING THE WATER SUPPLY HOSE

 Remove the adaptor from the water supply hose.





5. Connect the other end of the water supply hose to the inlet water valve at the back of the washer.

Screw the hose clockwise all the way in.

2.First,using a "+" type screw driver, loosen the four screws on the adaptor. Next,take the adaptor and turn part(b) following the arrow for gap about 5mm between them.



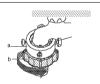


obtion

5-1.Connect the other end of the water supply hose to the inlet water valve at the top of the washer.

Screw the hose clockwise all the way in.

 Connect adaptor to the water tap by tightening the screws firmly.
 Then, turn part (b) following the arrow and put (a) and (b)together.





If the water tap is a screw type, assemble a water supply hose that fits to the tap as shown.

4.Connect the water supply hose to the adaptor. Pull down the part (c) of the water supply hose .When the part (c)is released, the hose is automatically connected to the adaptor making a 'click' sound.

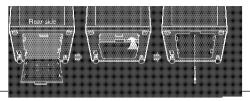


NOTICE After completing connection, if water leaks from the hose, then repeat the same steps.

Use the most conventional type of faucet for water supply. In case the faucet is square or too big, remove the spacing ring before inserting the faucet into the adaptor.

ASSEMBLING THE RAT PROTECTION PANEL OPTION

Tilt the washer a little and lift up the panel until it clicks, finally fix the panel with screw to the base as shown in the figure.



- 1.Insert the sound absorbing panel to the assembling hole on back side to the end.
- 2.If you have difficulty inserting the panel lift up the washer a little and insert it





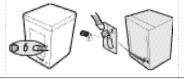
IN CASE OF PUMP-DRAINED WASHER OPTION

Take out the cap-hose and connect the outlet-hose.

Be sure to join tightly the drain hose into the drain-outlet on the back of the machine Be sure to join tightly the drain hose into the drain-outlet on the side of the machine.

Install the drain hose in the position of about 90~100cm above the ground.



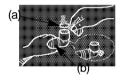






CONNECTING THE DRAIN HOSE OPTION

After pressing the joint ring(a), insert the drain hose(b) to drain direction.





HOW TO ADD THE FABRIC SOFTENER OPTION

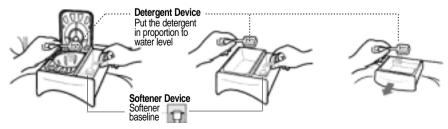
- When a proper amount (one time does) of fabric softener is stored in the softener inlet, it is automatically put in at the last rinsing cycle.
- Do not use detergent, bleach or starch into the Softener Inlet.
- Using too much softener may produce unsatisfactory results.

- Do not open the lid during the Spin Dry cycle.
 If added too early, its effectiveness will decrease.
- Do not leave the softener into the Softener Dispenser for a long time.
 Because softner became stiff.



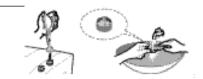
HOW TO PUT THE DETERGENT IN OPTION

- 1.Open the detergent box by pulling in the direction of the arrow as shown in the figure and then put the powder detergent in the detergent box.
- 2. Put in one-time amount of detergent evenly so the detergent may not brim over the box.



CAUTION: If softener is stored over the above base line, it may flow down at any time.

WATER SUPPLY CONNECTOR FILTER



1.Pull out the filter and wash well.

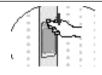


Pull in the filter and connect the hose to the inlet water valve tightly.



Check if there is a leakage. Note to tighten up the connector.

CLEANING THE FILTER NET Clean the filter net often to keep the washer clean.



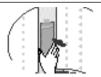
 Push the upper part of the filter and pull in.



2. Open the cover as shown in the figure.



3. Clean the filter.



 Close the cover and insert the lower part of the filter in the basket first and then push the filter with "click" sound.



Push up and pull out the filter net.



2. Remove the collected lint from the filter net.



3. Clean the filter.

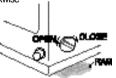


4. Pull down the filter net.

> HOW TO CLEAN THE FILTER



- 1. Place a rag under the washer filter not to wet the floor.
- Rotate the filter counterclockwise and pull out the filter.
- Remove dirts and rotate the filter clockwise until it locks in position.



(pump drained washer)

- 1.Place a rag under washer filter not to wet the floor.
- 2.Turn the filter-cap to the left.
- 3. Take the filter out and remove dirts.
- Reassemble in reverse order.



TROUBLESHOOTING

WASHING MACHINE WON'T WORK

Is the water tap opened? Is the washer plugged in? Is the power cut off? Is there enough water?



CHECK YOUR VOLTAGE

If the voltage power supply is either too high or too low, it appears with a buzzer. Check voltage.
Call to service center or agency.







> WATER IS NOT SUPPLIED

Is the water tap opened?
Is the water cut off?
Is the water supply hose
or hose connection clogged?
Is the water tap frozen?
If water is not supplied in 1 hour,
buzzer will sound, and the remail
time indicator will show "WATER ERR".



WATER DOSE NOT DRAIN

Is the drain hose down?(No pump) Is the drain hose frozen? Is the drain hose clogged? If the water dose not drain in 15 minutes, a buzzer will sound, and the remaining time indicator will show "DRAIN ERR".



SPINNING DOES NOT WORK

Is the laundry spread out evenly in the washer? Is the washer set on a sturdy flat surface?

"UNBALANCE"
"DOOR OPEN"



IN CASE THE NEED FOR SERVICING ARISES.

If any problem occurs with your products,do not hestitate to call any nearby. Name, address, telephone number is required.



SPECIFICATIONS

WASHING CAPACITY			HIGH	90 <i>l</i>
			MED	80 <i>l</i>
POWER CONSUMPTION WASH	480W	WATER LEVEL	M/LOW	70 <i>l</i>
	W000-D700-114000		LOW	57 l
DIMENSIONS(mm)	W630xD700xH1020		E/LOW	42 <i>l</i>
WEIGHT 49 kg		WATER USAGE		200 _l
WATER PRESSURE	0.05~0.78 MPa (0.5 ~ 8.0 kg · f/cm²)	PULSATOR ROTATING SPEED		105 rpm
WASHING TYPE Stirring Type		SPINNING TUB ROTATING SPEED		700 rpm

CODE NO.: DC68-01089A