

Magic

Magic



Magic Dishwasher

Magic Dishwasher User's Guide | KOR-2195

Please read this user information carefully before using the Magic Dishwasher and keep it to refer to later.

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In the interest of your safety and to ensure the correct use, before installing and first using the appliance, read this user manual carefully, including its hints and warnings.


P.N 51217-69130




Safety Instructions

- Please observe the following care instructions for safety and proper use in order to prevent unexpected danger and damages.
- Precautions for safety are classified as follows in accordance with the expected size of danger and damages feared to be caused by a wrong use, and the degree of emergency for unexpected danger as well.
- **The following symbols are used in this manual :**

 **Warning** : For a possible accident feared to cause serious injury and death in case of the violation of care instructions.

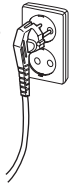
 **Caution** : For a possible accident feared to cause a minor injury and damages on appliance in case of the violation of care instructions

 This mark is to remind you of the caution for a situation and operation which may cause a danger. For care instructions marked with, please read carefully and follow the instructions in order to avoid accident.

Warning

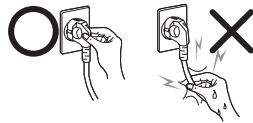
1. Do not use if the power plug is loosely fixed.

- Please see to it that the power plug is properly fixed in the socket before use.
- There is a danger of fire by over heat.



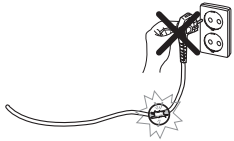
2. Do not handle plug with wet hand

- please do not put in/pull off the plug with wet hand.
- There is a danger of electric shock.



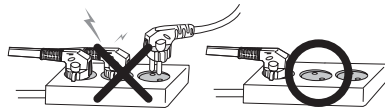
3. Do not use damaged power cable

- Please see to it that the power cable is neither trapped nor strained before use.
- Please see to it that the power plug is properly fixed.



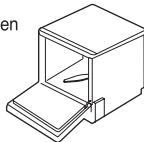
4. Do not use multiple extension sockets

- Do not use multiple extension plug sockets.

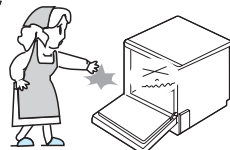


5. Do not push down or place heavy object on the door when the door is opened.

- It may cause the deformation or failure of your dishwasher.
- The door should not be left in the open position since this could present hazard.



6. Do not touch the heating element inside of the dishwasher while using the dishwasher or immediately after use.

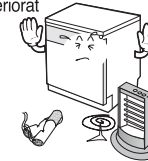


Safety Instructions

Warning

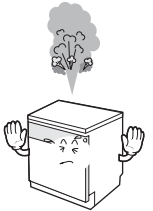
7. Do not use near fire

- Please do not use any heating appliances near the dishwasher
- It may be a cause of fire while deteriorating the efficiency.



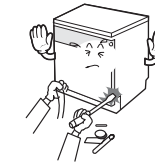
8. Do not use when dishwasher is out of order

- Please pull off the Power plug if a burning smell and smoke is arising, and when it is out of order.
- There is a danger of electric shock.



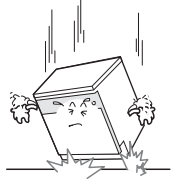
9. Do not overhaul, repair or renovate

- Please do not overhaul, repair or renovate by disqualified persons, except by our designated technician.
- There is a danger of fire or electric shock.



10. Do not move and set alone

- Please handle with over 2 persons for moving and transporting.
- There is a danger of injury by dropping appliance on the foot.

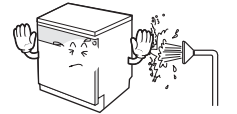


11. Do not allow children to play around dishwasher when opening or closing door due to the possibility of small fingers being pinched in door.

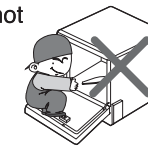


12. Do not splash water on appliance when cleaning

- Please be careful to avoid the spilling water into mechanical compartment and control panel when cleaning the dishwasher.
- There is a danger of fire and electric shock.

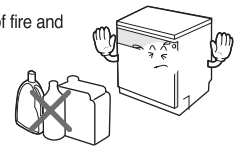


13. Do not push down or sit on the door when the door is opened. It may cause the deformation or failure on your dishwasher. Close the door when not in use.



14. Do not store or use combustible materials, gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

- There is a danger of fire and explosion.



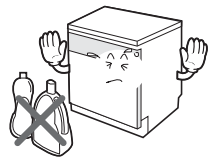


Safety Instructions

CAUTION

1. Do not use thinner or benzene for cleaning

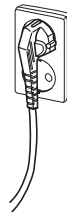
- It may cause a fast color, peeling or damage on the exterior of appliance.



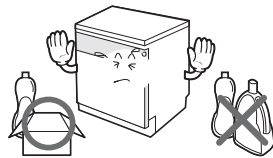
2. Check power voltage

- Please see to it that the power voltage is AC 230V 50Hz before put the plug in.
- It may cause a damage to the appliance.

AC 230V 50Hz



3. Only use detergents and rinse aids recommended for proper dishwashers. Never use soap, laundry detergent or hand dishwashing detergent as it will cause leak.



4. Keep children away from detergents and rinse-aid.



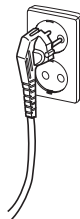
5. Do not allow children to operate the dishwasher.

- Please do not open the door by over flapping and avoid the shock from slamming door.
- It may cause a damage to the appliance.



6. Be careful of electricity when cleaning

- Please see to it that the power plug is pulled off before cleaning.
- There is a danger of electric shock.



PART I

Before operating the unit, please read Part 1 thoroughly and retain it for future reference.



Basic Understanding on Installation and Operation

- Warning : If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified in order to avoid electrical shock.

Warning

1. Check Power Voltage

- This product is operate only on AC 230V 50Hz power source.
- Unit is so positioned that plug is accessible.

2. Checking Water(Supply) Valve

- Make sure water is not leaked from any fittings and fully open the water faucet.

3. Checking Usage

- This product is used exclusively for cleaning domestic crockery and cutlery.
- Do not use it for other purpose.

4. Avoid below conditions

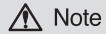
- In damp or cold places and directly exposed to sunlight.

5. Under certain condition, Hydrogen gas may be produced in a hot water system that has not been used for two weeks or more. **HYDROGEN GAS IS EXPLOSIVE.** If the hot water system has not been used for such a period, before using the dishwasher turn on all hot water faucet's and let the water flow from each for several minutes. This will release any accumulated hydrogen gas.

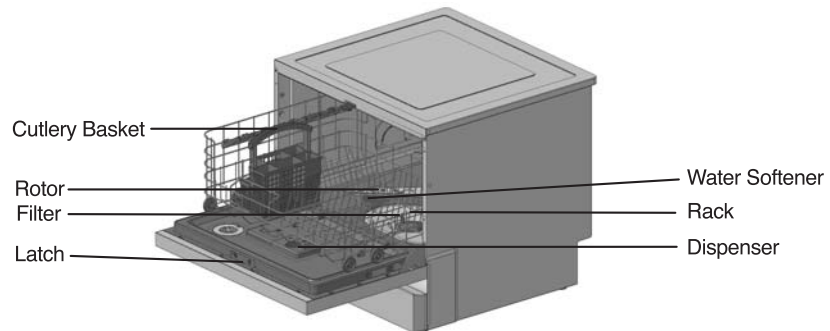
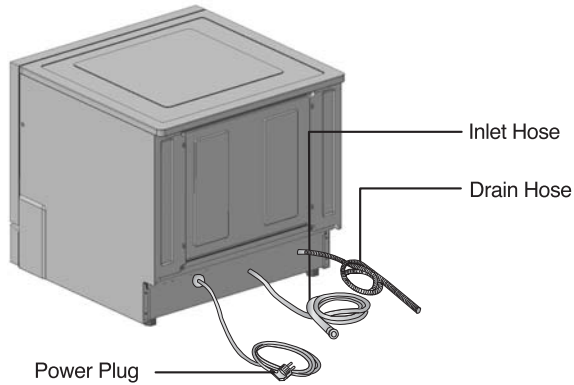
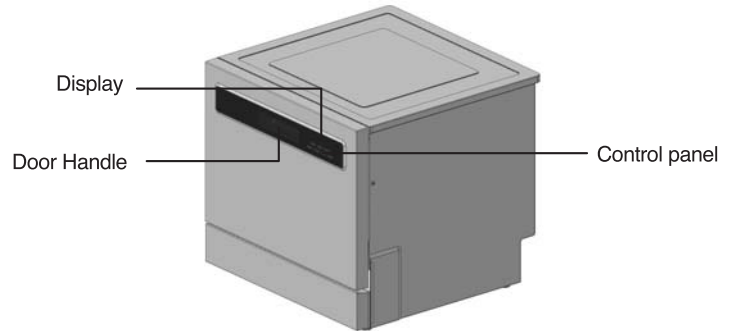
As the gas is flammable, do not smoke or use an open flame during this time.



Part Name

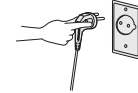


Note
Your dishwasher has been checked thoughtly in the factory to ensure that it is in working order.
This may cause small water strains. These will disappear after the first wash cycle.



Preparation for Washing

1. Connect the power plug to a power supply (230V only).
This product is operated only AC 230V 50Hz power source.



2. Open the water valve

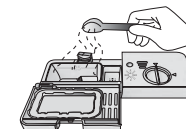
3. Remove all leftovers of food from crockery for example pits, bones, pieces of solid food before putting into the basket of dishwasher.



4. Grasp the handle, pull down the door of dishwasher.

5. Load dishes into the rack. Make sure the filter is fixed to the right position.

6. Place about 10g of detergent in the detergent dispenser. Close the cover. When using Intensive wash program, put about 12g of detergent in the dispenser.(See pages 17)



7. Close the door



Prior to using for the first time

Before using the Magic dishwasher

1. Set the water softener

- ▶ The Magic dishwasher is equipped with adjusting the water softening system.
 - ⚠ To avoid scale deposit on the dishes and in the dishwasher, the dishes must be washed with soft water, i.e. water with a low lime content.
The water softener should be adjusted according to the hardness of the water in your area.
Your local Water Authority can advise you on the hardness of the water in your area.
- ▶ The water softener must be set electrically.
 - If you want to change the setting of the water softener,
 1. Press the POWER button to turn off. (The dishwasher must be switched off.)
 2. Press the button in order. (At this time a button sound is heard.)
 - ① Press the +Program button for three seconds.
 - ② Press the Start/Pause button.
 3. To change the water softener level, Press Program button.
(For the selection of the new level see the chart, Please See pages 21.)
 - ⚠ We recommend our customer to set the water softener when the dishwasher is initially installed by a technician.

2. Fill up with special salt for water softeners. (See pages 19, 20)

3. Fill up with rinse aid. (See pages 18)

- ※ If any you wish to use tablet detergent such a : "2 in 1, 3 in 1, 4 in 1, 5 in 1" etc...,
To get optimum effects of water soft, you fill up with special salt for water softener.
But, Do not fill up with rinse aid as you use tablet detergent.
- ⚠ Never pour detergent into the salt dispenser, otherwise you will destroy the water softening system.



Start Dishwashing

1. Press the power button.

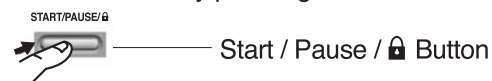


2. Select the desired program.

See pages 13



3. Start the dishwasher by pressing Start / Pause / Lock Button.



After dishwashing

▶ Please take it in turns

1. The display indicator will turn off automatically with buzz after dishwashing completion.
Thus unnecessary to press the Power button.
 2. Remove the filter inside of the dishwasher.
 3. Be careful not to drop the garbages into the dishwasher.
 4. Clean all filters thoroughly under running water.
 5. Re-insert the coarse filter into the flat filter.
 6. Put the flat filter inside of the dishwasher.
- ▶ For more information, See pages 25.
 - ⚠ The filter must be checked and cleaned from time to time.



Control Panel

- ▶ A washing program must be selected before starting operation. The program can be changed during operation.
- ▶ In order to change the program after starting operation, press the Start / Pause Button at first and then changed the desired program. (except delay start Button)
In this case, the program is restart from first washing process.
- ▶ Child Lock
 - Use Child Lock to prevent unintended use of the dishwasher.
 - When Child Lock is selected, all buttons are disabled.
 - For locking / unlocking, press start / pause button more than 3 seconds.

⚠ Rinse Dry, Fruit program do not need dishwasher detergent.

Clock

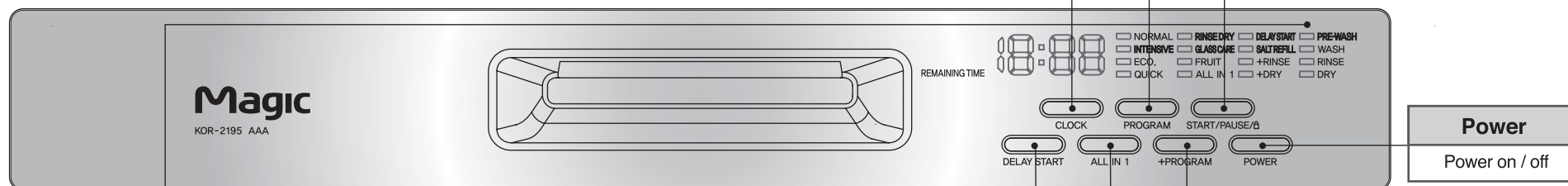
- Use this Clock button to adjust time. (Press the button more than 5 seconds.)
- Press the button to check the currunt time when dishwasher operating.
- Time adjusting (See pages 12)

Program

- The procedure indicator will be changed when this button is pressed each time.
- Press the select button to select one of the seven available wash program.
- By Pressing select button, the program is selected in order of Intensive --> Eco. --> Quick --> Rinse Dry --> Glass Care --> Fruit --> Normal"

Start / Pause /

- Press the Start/Pause button to operate dishwashig.
- Press this button to pause and change wash program when dishwashing is operating.
- Operating child lock by pressing about 3 seconds.



Procedure Indicator

- The procedure indicator shows progress of washing program.
- The completed washing process turn off and a going process is flashed.
- All procedure indicators will turn off when washing is completed.

Delay Start

- Use this Delay Start Button to preset starting time.
- The remain time indigator will be changed when this button is pressed each time.
- The delay start time can be adjusted from 1 hour to 24hours.

All in 1

- If you wish to use tablet detergent such a : "2 in 1", "3 in 1", "4 in 1" etc. You select the desired program before and after. Press the Multi in 1 button.
- Use only Nomal / ECO/ Intensive / Glass Care / Quick program.
- When the Multi in 1 function is activitiesd, a washing time is automatically changed.
- The refilling of the rinse aid dispenser is no longer necessary.
- But Fill up with special salt for water softener.

+Program

- Use the +Program Button in order to add the dry and rinse process to the original program, in the course of the rinse course, this button will not be selected.



Control Panel

► Power Button

Press the power button it turn power on or off

► Start / Pause Button

Press the Start / Pause button to operate dishwashing.

Press this button to pause and change wash program when dishwashing is operating.

► Program Button

The indicator will be changed when this button is pressed each time.

Intensive --> Eco. --> Quick --> Rinse Dry --> Glass Care --> Fruit --> Normal

► Procedure Indicator

Selected washing program flicker until program is completed, In addition other indicator is unilluminated.

► Clock, Remain Time Indicator

Normally displayed the current time.

Remaining time will be indicated during washing program.

The remaining hours up to program completed.

* Time adjusting (Can not adjust time during washing program)

1) Press the CLOCK button for 5 seconds, the hour value blinks.

2) Press the PROGRAM button to adjust hour.

3) Press the CLOCK button, the minute value would blink, press the PROGRAM button to adjust minute. And then press CLOCK button to back clock mode.

► +Program Button

Use the +program button in order to add the dry and rinse process to the original program, in the courses of the rinse course, this button will not be selected.

The procedure indicator will be changed from +Rinse --> + Rinse + Dry, --> + Dry when the +program button is pressed each time.

► Delay Start Button

Use the Delay Start button to preset starting time.

The remain time indicator will be changed when the Delay Start button is pressed each time.

h1 ---> h2 ---> h3 ---> ---> h24

The indicator flashes when the Start / Pause button is pressed.

► Fruit Washing Program

Use the Fruit course to washing the fruit.

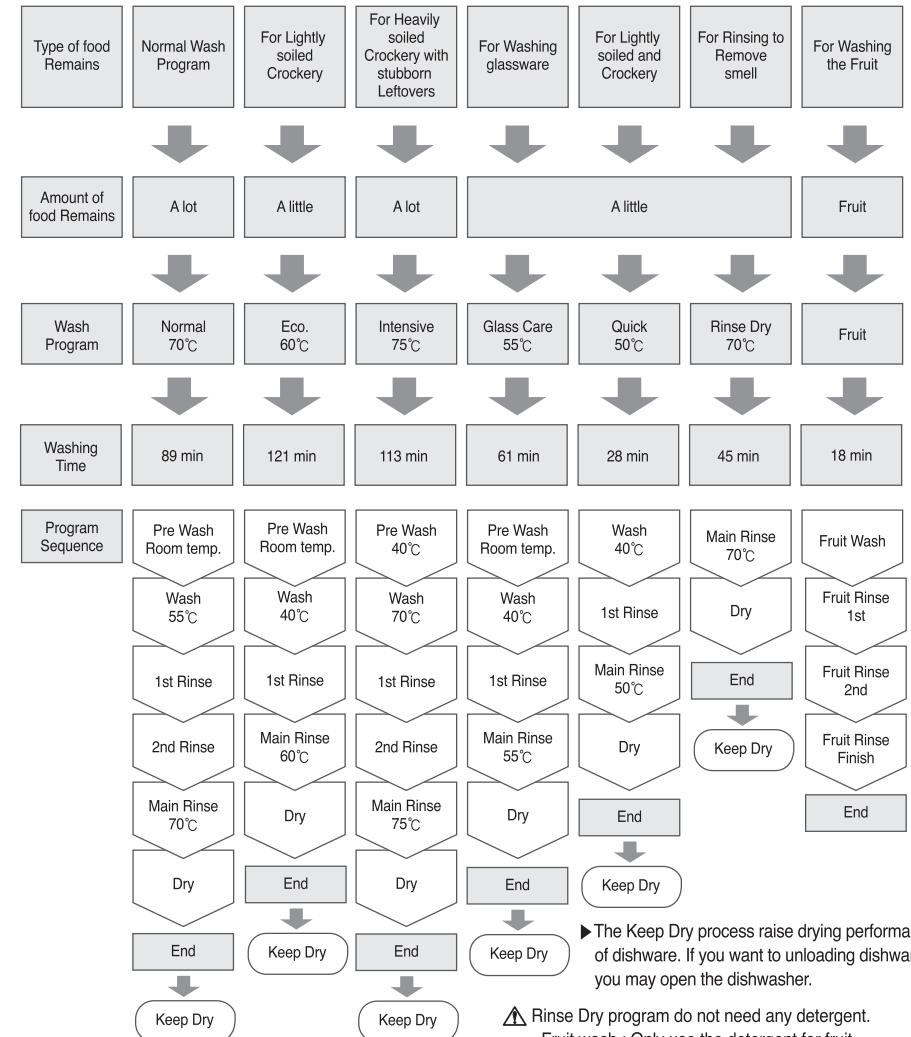
Only use the detergent fot fruit.

Must not use dishwashing detergent.



Control Panel

Program Overview



► The Keep Dry process raise drying performance of dishware. If you want to unloading dishware, you may open the dishwasher.

⚠ Rinse Dry program do not need any detergent.
- Fruit wash : Only use the detergent for fruit.
Must not use dishwashing detergent.



Loading Dishes

Operating Method

► Normal

1. Press the Power button
2. Press the Start / Pause button
Start the dishwasher and a during sound is heard

► Delay Start

1. Press the Power button
2. Choice the Washing Program
Please select the washing program according to the degree of the soiled dishes.
3. Press the Delay Start button
The indicator will be changed when you press the Delay Start button.
h1 → h2 → h3 → → h24
4. Press the Start / Pause button
The Delay Start indicator flashes when you press the Start / Pause button, the dishwasher starts operating.

► Changing from Rinse Dry program to Intensive washing program

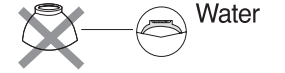
1. Press the power button
2. Press the Program button
Press consecutively the select washing program button.
3. Press the Start / Pause button
Start Rinse Dry wash.
4. Press the Start / Pause button
Stop Rinse Dry wash program.
5. Select Intensive washing Program.
The Intensive indicator is on when you press the program button.
Check the detergent dispensers. They must be filled properly for the new program.
6. Press the Start / Pause Button to start Intensive washing program
Start the dishwasher and a draining sound is heard



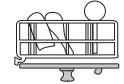
Loading Dishes

Loading the dish

1. The rack accommodates items such as plate, platters, saucepans, bowls, etc.
2. Deep-bottomed bowls should be placed slant-upwards to let water run down.
3. Hollow items must be inverted to the rotor.



4. The rotor must not be blocked by any items which are too lengthy or drawn out from the basket paths. (Small spoons should be placed in the cutlery basket)
5. Remove all leftovers of food - e.g. potatoes, pasta, bones and fruit bones from crockery before loading it into the basket.



6. Temperature sensitive brittle glassware and light bowls are not suitable for washing in the dishwasher. Especially temperature sensitive plastic articles, lacquerware, cutlery with wood, silver dishes are not suitable for machine washing.

Unloading the dish

- ⚠ Hot steam may escape when the door is opened.
There is a risk of scalding.

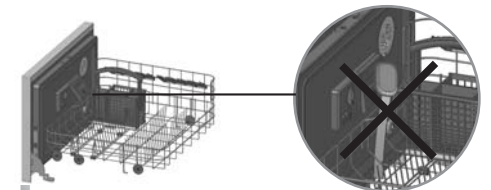
How to use the cup rack

1. The cup rack is placed on the top left of rack.
2. Move the upper part of the cup rack as shown in the diagram.



Directions for the use of rack

- ⚠ Do not use the inside of rack handle. You must not place inside of rack handle on the vertical position

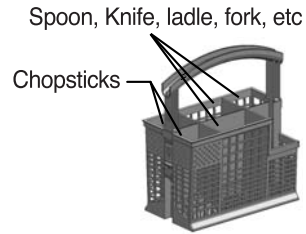
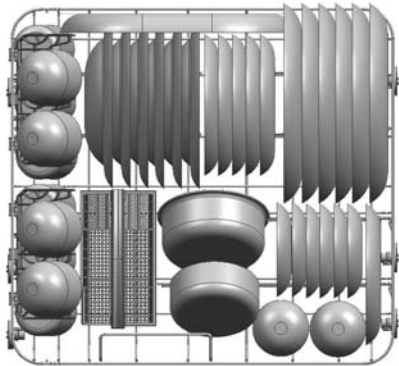




Loading Dishes

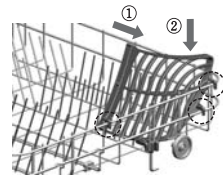
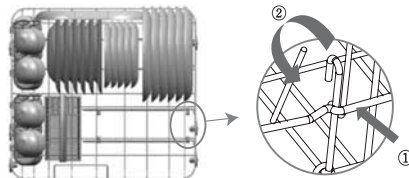
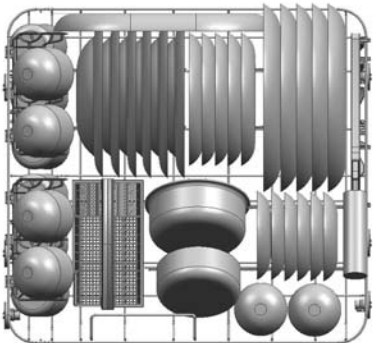
Warning Knives and other utensils with sharp points must be loaded in the rack with their points down or placed in a horizontal position.

Loading of crockery



- Items not recommended for dishwashing
- Copper or anodized aluminum
 - Hand painted silver or gold leaf crockery
 - Wood handled utensils
 - Iron or non rust proof utensils
 - Plastic items which are not dishwasher safe

Example loading arrangement



※ Able to change the shape of rack to improve the quality of the product.

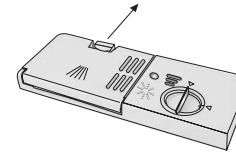
Warning Ensure that the load does not cover the integrated rinse aid and detergent dispenser. Before closing the door, ensure that the spray arm rotate freely.



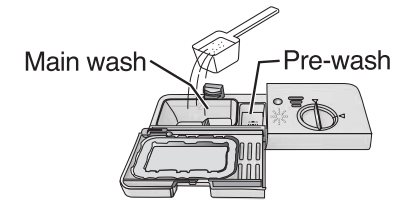
Detergent and Rinse-aid Dispenser

How to Use the Detergent Dispenser

Push the latch to open.
(The flap is always opened at the end of a washing program.)



Add detergent to this compartment and close the flap.



► Amount of detergent

- Detergent must be put into the detergent hole before starting every program except the detergent free
- Proper amount of detergent is lead to best performance
- The amount of detergent depends on the program. Refer to the guide table
- Use only special detergent designed of an automatic dishwasher.
(Ordinary handwashing detergent should not be used, because the foam can interfere with profer opeation)
- The detergent used is a special Dishwasher detergent and like all household chemicals should be treated as a poison and kept out of reach of children.

※ Fruit wash course : Use only special detergent designed of washing fruits.

Program	Normal	Intensive	ECO	Glass Care	Quick	Rinse Dry	Fruit wash
Amount (g)	10	12	12	12	8	X	Fruit Detergent

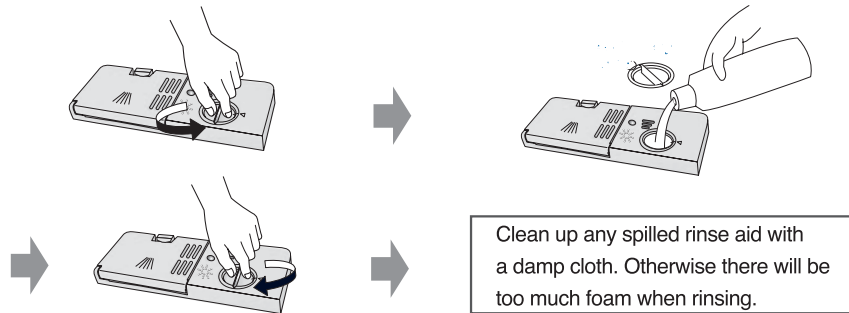
Using the Tablet detergent

- If you wish to use tablet detergent such a : "2 in 1", "3 in 1", "4 in 1" etc...
- Press the "All in 1" button on the control panel.
- Before the start of the dishwashing program put Multi -detergent in the detergent dispenser.



Detergent and Rinse-aid Dispenser

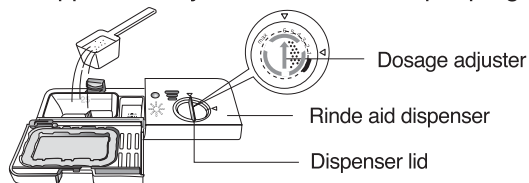
How to fill the rinse aid dispenser



- ▶ Rinse aid is needed to prevent spotting on dishes and glassware as well as improved drying performance.
- ▶ When using "All in 1" - 2 in 1, 3 in 1 tablet detergents, No rinse aid is needed.
 - But you raise drying performance , you may pour rinse aid into the rinse aid dispenser.

How to adjust the dosage of rinse aid

1. Open the dishwasher door.
 2. Remove the dispenser lid by pushing the cover.
 3. Set the dosage level.
 4. Close the dispenser lid.
- ▶ Turn the dosage adjuster at higher figure if spots appear on dry glassware.
 - The dosage adjuster is pre-set to "6" in the factory.
 - It can be adjusted from 1 to 6.
 - This dispenses approximately 3~5 ml of rinse aid per program.



Water Softener

Filling with Special Salt for the Water Softener

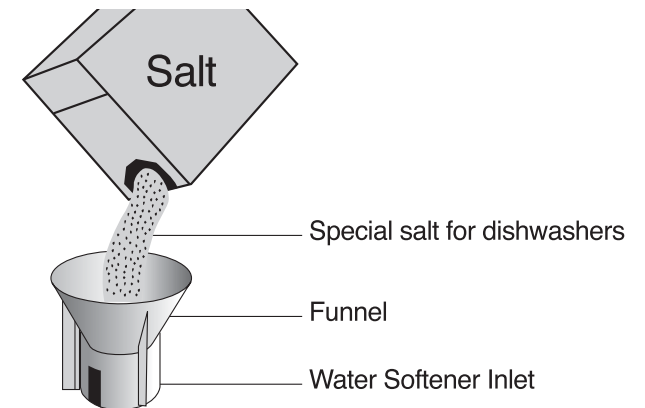
▶ Please take it in turns

1. Turn anti-clockwise to remove cap
2. Fill the salt in the salt container. Use a kind of funnel for easy and clean filling.
3. After filling, wipe off any spilled salt to seal the cap properly.
4. Screw the cap tightly to prevent the suds penetration that may cause the water softening troubles.

▶ Fill with special salt

- ☞ Prior to using the dishwasher for the first time ;
 - Prior to using the dishwasher for the first time, After fill with special salt, pour the water in the salt container. (You initially pour the water only one time.)
 - When the SALT indicator backlight on the control panel is illuminated
 - Fill the container with special salt through the funnel :
- The capacity of the container is approx. **1kg** depending on the grain size. Do not overfill the salt container with special salt.

▶ Example adding special salt





Water Softener

Filling with Special Salt for the Water Softener

- ▶ Use only special salt for dishwashers, Never fill the salt container with any another type or dishwasher detergent, this would irreparably damage the water softener.
- ▶ If you are not going to wash your dishes immediately, you should run the Quick program. This will wash away salt water that has run out of the container and any grains of salt that have been spilt.
- ▶ Depending on the size of the salt grains, it can take several hours for the salt to dissolve in the water and the special salt indicator backlight to extinguish.

Adjusting the Water Softening System

- ▶ Adjust the water softener according to the table below for the water hardness level for your area.

The water softener has 6 settings, (See the table)

Indication on the Multi-Display No.	Water hardness				Water soft cycle / Dishwashing Cycle	Use of Salt
	°dH	°TH	mmol / l	Range		
1	29 - 70	51 - 125	5.1 - 12.5	VI	1/1	Yes
2	19 - 28	33 - 50	3.3 - 5.0	III / VI	1/2	Yes
3	15 - 18	26 - 32	2.6 - 3.2	III	1/3	Yes
4	11 - 14	19 - 25	1.9 - 2.5	II	1/4	Yes
5	4 - 10	7 - 18	0.7 - 1.8	I / II	1/5	Yes
0	< 4	< 7	< 0.7	I	No salt	No

- 1) The water softener is pre-set to "3" in the factory.
- 2) Water hardness is measured in equivalent scales, German degrees(°dH), French degrees(°TH) and mmol/l(International unit for the hardness of water)

PART II

Technical Aspects

- ▶ Part II refers to the technical aspects of the Dishwasher and should be thoroughly read.

☞ Technical repair work and service installation should be performed by a qualified service personnel. However, basic understandings on the operation of the dishwasher will be useful.



Installation

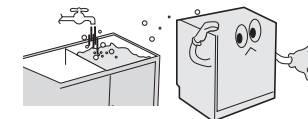
- ▶ Place the dishwasher on a stable and flat surface ground. A fragile or tilted surface may cause it to fall, causing serious damage.



- ▶ Do not expose the unit to rain or moisture.



- ▶ To prevent fire or shock hazard, avoid water from penetrating into the control panel.



- ▶ Do not expose direct under sunlight

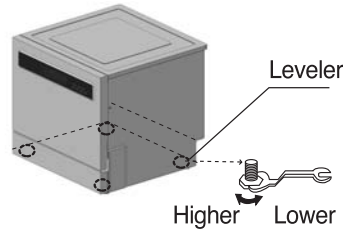




Installation

Adjusting Level

- ▶ Rotate the leveler to adjust height. If the ground surface is to tilt, please call for a qualified service personnel.



Power source

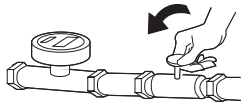
- ▶ This product is operated only on AC 230V 50Hz power source.

Connecting the Hose (Inlet hose, Drain hose)

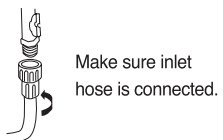
※ The appliance is to be connected to the water mains using new hose-sets and that old hose sets should not be reused

- Inlet hose

1. Turn off water supply



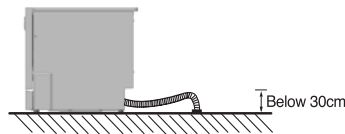
2. Fasten the inlet hose to the inlet connector tightly.



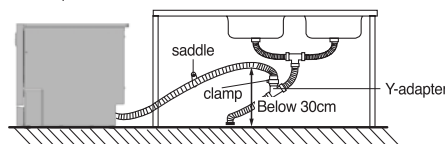
3. Connector the inlet hose to the inlet valve and turn on water supply.

- Drain hose

1. Exclusive use drain hose



2. Y-adapter use



⚠ This is the recommendation. (Maximum height 30cm)



Installation

Connecting to the water supply

- The dishwasher can be connected to cold and hot water supplies up to max. 60°C.
- The dishwasher must not be connected to open hot water appliances or instantaneous water heater.

▶ Permitted water pressure

Lowest permitted water pressure : 0.03MPa	Consult your plumber if the water pressure is less than 0.03MPa
Highest permitted water pressure : 0.8MPa	If the water pressure is greater than 0.8MPa, a pressure reduction valve must be used(available from your dealer)

Connecting the inlet hose

⚠ The water inlet hose must not be kinked, crushed or entangled when it is being connected.

- Only tighten the nut hand tight.

Then do a visual check for a water leakage.

(Make sure that the tap is not dripping)

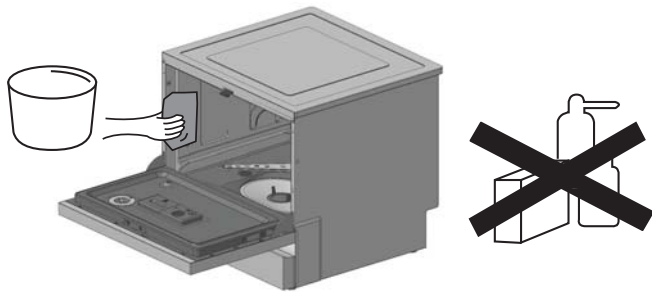


Usual Care

⚠ CAUTION

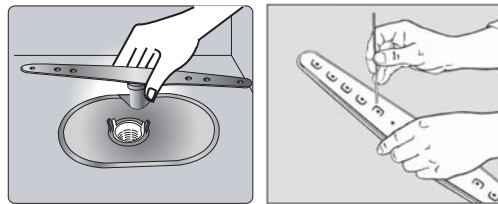
Never use other chlorinated household detergents! Health hazard!
 Never use a steam cleaner to clean your dishwasher.
 The manufacturer is not liable for any consequential damage.

- ▶ Clean the cabinet with a soft cloth moistened with detergent solution and water.
- ▶ Do not use Benzene, Thinner or Insecticide and be careful not to scratch the surface of dishwasher.



Cleaning the Rotor

- ▶ The rotor should be cleaned regularly to avoid sticking of food leftovers in the rotor.
- ▶ Remove the rack.
- ▶ Pull the lower rotor firmly upwards to remove.
- ▶ Use a pointed object such as a toothpick to push food particles into the rotor.
- ▶ Rinse thoroughly under running water.
- ▶ Return the rotor and check that they rotate freely.

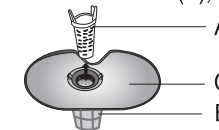


Usual Care

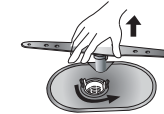
Cleaning the Filter

- ⚠ The filters must be regularly checked and cleaned.
 Dirty filters will degrade the washing result.

1. Open the door, Remove the rack.
2. The dishwasher filter system comprises a coarse filter(A), a micro-filter(B), a flat filter(C)



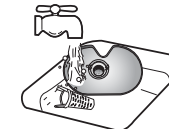
3. Turn the filter handle in an anti-clockwise direction and Remove the filter system inside of the dishwasher. Be careful not to drop the garbage into the dishwasher.



4. Remove the coarse filter from the flat filter. Remove the garbage by shaking coarse filter.



5. Remove the coarse particles. Clean all filters thoroughly under running water and clean both faces thoroughly.



6. Re-insert the coarse filter into the flat filter
7. Put the flat filter inside of the dishwasher and lock by turning the filter handle clockwise to a stop. During this process ensure that the flat filter does not protrude above the base of the washing compartment.

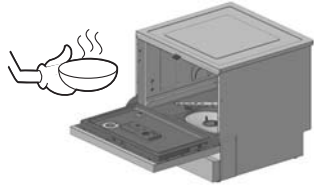


- ⚠ Under no circumstances may the dishwasher be used without its filters.

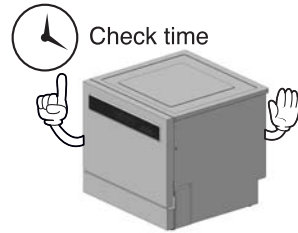


Usual Care

Frozen



- Fill with about 70°C water 3 liter and then close the door.
Do not operating,



- Check operation after 20~30 minutes

Electricity interruption & suspension

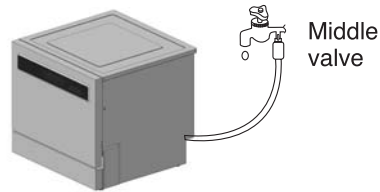
1 Electricity interruption

Noise 



- The dishwasher stops operation in case of electricity interruption

2 Suspension of water supply



- In case of water suspension during operation, press power button to turn off the dishwasher

No drain



- Check the route of the drain hose.
- Call for service



Usual Care

If the dishwashing result are not satisfactory

▶ The dishes are not clean.

- The wrong dishwashing program.
- The dishes were arranged is such a way that the dishwashing water did not reach all items.
- The racks must not be the overloaded.
- The filters in the base of washing compartment are dirty or incorrectly positioned.
- Too little or no detergent has been used.
- In the scale deposits on the dishes : The special salt dispenser is empty or the water softening system has been incorrectly set.
- The drain hose connection is not correct.
- The salt container cap is not properly closed.

▶ The dishes do not dry and are not shinning.

- Rinse aid was not used.
- The rinse aid dispenser is empty.

▶ There are dried water drops on the glasses and dishes.

- Increase rinse aid dosage
- The detergent may be the cause. Contact the detergent manufacturer's customer advice center.


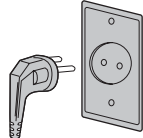






Trouble Shooting

• Before you call for service, please check the followings.

⚠ CAUTION

Don't forget ;
Repairs may be carried out by a technician only.
Improper repairs may cause considerable damage and /or injure the user.

Problem	Check
Cannot start operation	 Press Start/Pause button.  Make sure power plug is firmly plugged into an electrical outlet.  Check fuse.
No water supply	 Make sure inlet hose is connected.  Make sure water valve is turned on.  Make sure water supply is on.
Dishes are not Cleaned thoroughly	Dishes are incorrectly loaded. Inaccurate amount of Detergent is used. The spray arm is Blocked by any items drawn out from the rack paths.
Milky substances on dishes	Due to the minerals in water, but not caused by detergent and rinse-aid.

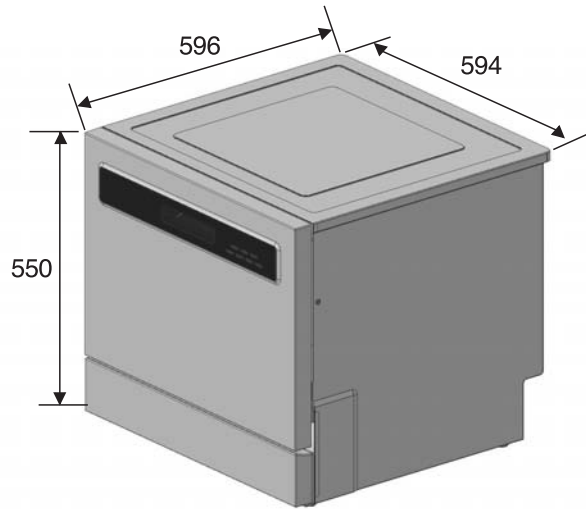


Error Function

NO	Display	Possible Problem	Check
1	dr	Door is not closed completely	Check the closed door
2	E2	water supply error	Make sure water supply is on. Make sure inlet hose is not twisted. Make sure water pressure is not too low.
3	E3	water draining error	Check the drain hose and drain route
4	E4	Hot water supply	Check the temperature of water supply
5	F1~F6 LS.LO	Each function problem	Before call for service, unplug the supply cord and turn the water valve off



Specifications



Type	Fully Automatic Dishwasher
Power Source	AC 230V 50Hz
Power Consumption	Heater : 2200W Total : 2300W
Washing Method	Rotary Jet-type
Drying Method	Condensation Energy Recycle Dry System
Overall Dimension	594mm(W) × 596(D) × 550(H)
Net Weight	33.5kg
Package Weight	36.5kg
Required Water Pressure	0.03MPa - 0.8MPa
Maximum Inlet Temperature	60°C

Certificate of warranty

name	Magic Dishwasher	Model	KOR-2195
Serial Number		Purchase date	
Vendor		Customer Name	
Address	Tel.		

Any malfunction or failure of any and all parts during warranty period will be repaired free and if any parts or entire device is un-repairable, the device will be replace free of charge or refunded. Warranty will apply to all parts and labor except following conditions

- 1)Malfunction or failure occuring after the warranty period.
- 2)Malfunction or damage caused by consumer's intentional misuse.
- 3)Repairs or service performed by unauthorized service center.
- 4)Improper power supply and attaching unauthorized device.
- 5)Using expired parts

Warranty period and parts expiration period

Product	Warranty period	Parts expiration period
KOR-2195		

 **Tong Yang Magic**