

Haier Household Electric Dishwasher  
WQP4-2000N

**Haier**



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# FEATURES

- Two sprayers of dimensional spray

The appliance is equipped with two sprayers, enabling dimensional spray and super cleanliness.

- Intelligently programmed with 4 washing programs available for selection, which are intensive wash, normal wash, light wash and rinse.

- Heated wash

- Sliding nylon rack

Specially designed for easy access of dishes.

- Automatic fault alarm

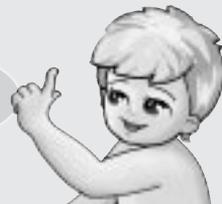
Equipped with automatic fault detection system, the buzzer triggers and the pilot light twinkles when fault occurs or the door is not properly closed.

- Open-door protection

In case that the door is opened during operation, the machine stops and will not restart until the door is closed again.

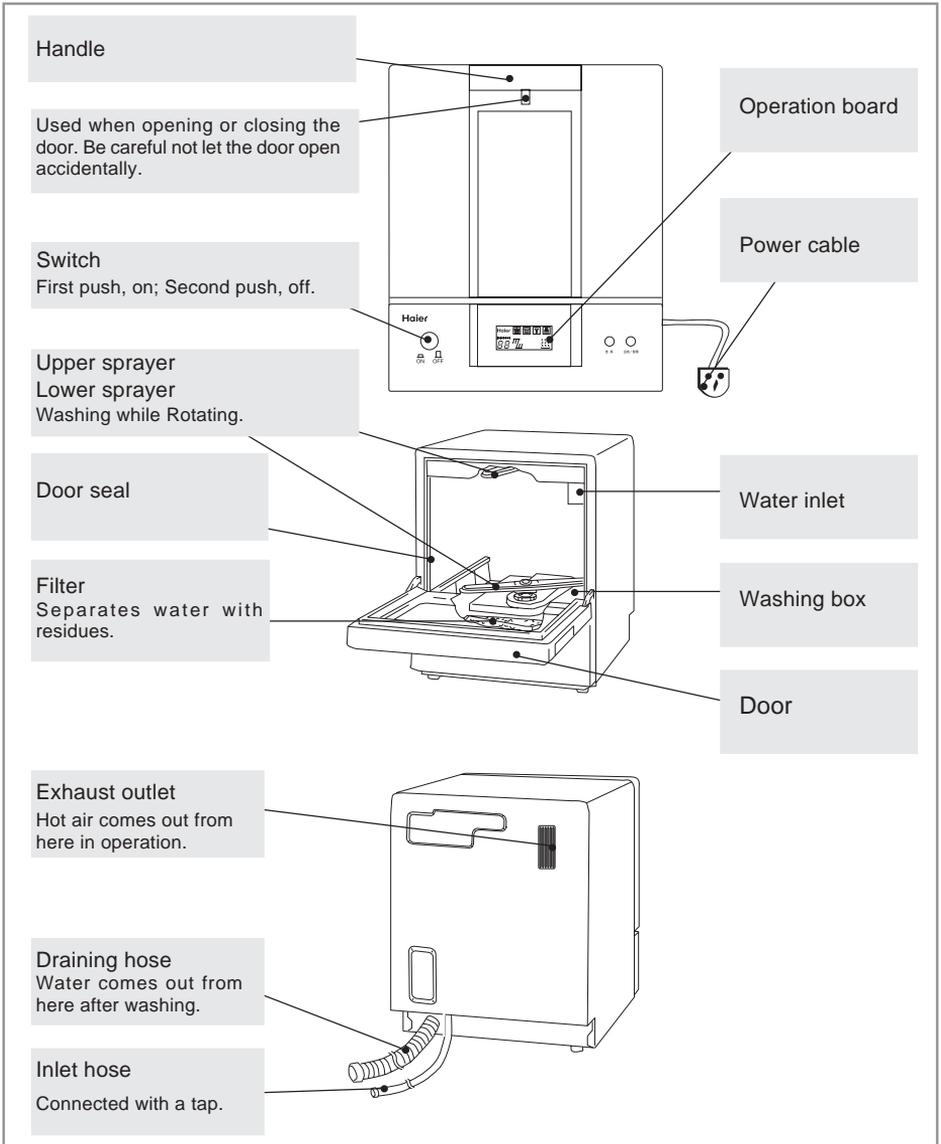
- Easy operation and convenient use

All mentioned above are advanced features of the appliance.

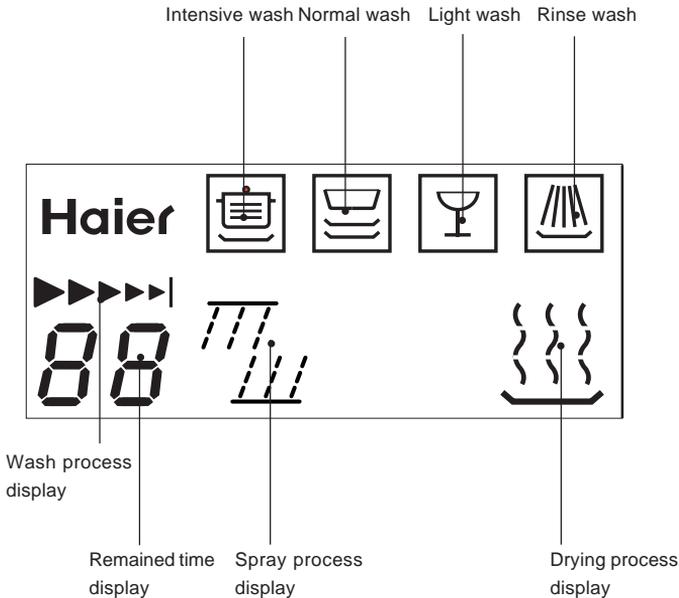
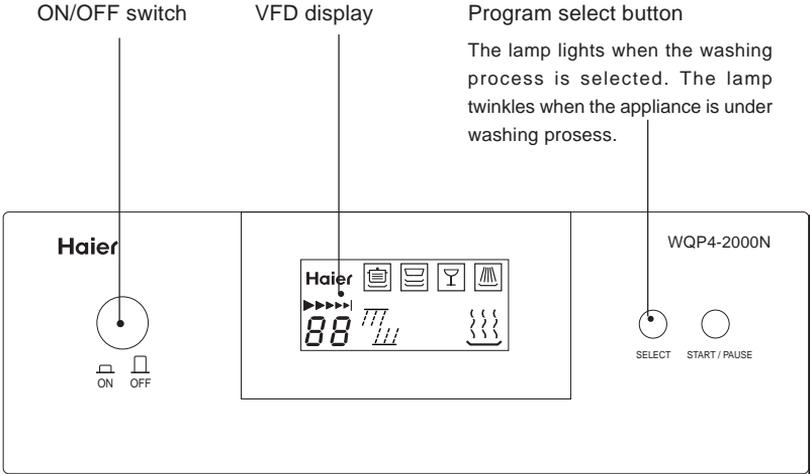


# PARTS AND FUNCTIONS

This unit is a tableware-cleaning dishwasher. It sprays hot water with detergent on the tableware, then flushes with clean water.



# PARTS AND FUNCTIONS



# SAFETY



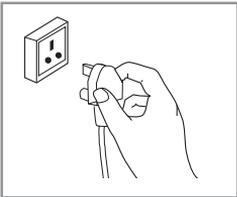
- \*Please read "safety" carefully before operation, so as to use the unit correctly.
- \*All of the items in this chapter concern safety.
- \*Please observe them strictly.



**Caution**

**Use the special power socket**

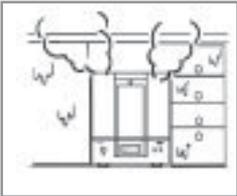
If the power cable connected at the middle way, or a prolonged cable or a socket with several spigots is used, the cable may turn hot or catch fire.



**Forbidden**

**Power cable must not be damaged**

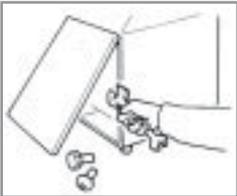
If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.



**Take off the plug**

When abnormal phenomenon appears, turn the power switch to "off", take off the power plug, or cut off the main power supply and get in touch with haier After-sales Service Center at once.

Continually operation at abnormal state may cause electric shock or fire.



**Touch is forbidden**

Never touch the power plug, electric parts, nor operate the power switch with wet hands.

It is easy to cause electric shock.

Do not use the unit as flush dishwasher.

It is difficult to eliminate heat, it may cause electric shock or wet the around appliance.



**Forbidden**

Never approach the hot water coming out of the draining hose, nor the hot steam coming out of the exhaust outlet.



**Disassembling is forbidden**

Nobody is allowed to disassemble or repair it except special service men.

Abnormal actions may lead to injury, electric shock or fire.

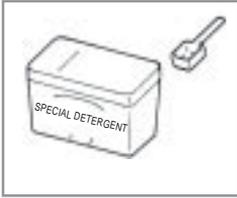


**Forbidden**

Do not open the door while it is in operation.

When the unit stops, do not open the door until the buzzer rings. Otherwise, hot water may spray everywhere and hurt you.

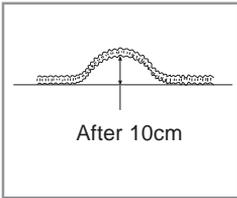
# SAFETY



Warning

Do not touch detergent with hands when you use it. Avoid it enter your eyes.

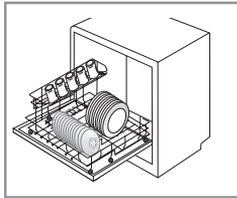
Otherwise, it may lead to rough skin. If it enters your eyes, it may affect your eyesight. Prevent children from approaching it.



Forbidden

The draining hose should be as lateral as possible.

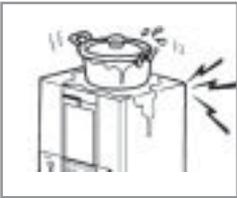
Do not let the end or the middle part of the draining hose protrude 10cm high. It is an indirect draining type. Draining water can not go up. If protrusion is higher than 10cm, water can not be drained out completely. If the draining hose is shrunken or bent, it may affect water draining. If water can not be drained out smoothly, the machine will stop operation.



Caution

Never wash articles except dishes, food containers.

Non-heat-resistant food containers, such as lacquer-coated containers, aluminum or silver food containers, shall not be washed. Other-wise, they may be deformed, faded or damaged..



Easy to be scaled

When putting the shelf in or closing the door, make sure that no food containers touch the body of the machine. Take care not let the dishes or cups prevent the sprayer from turning.

Be careful with the dishes after washing.



Forbidden

Do not put heavy objects or water containers on the top of the dishwasher.

The carpet must not obstruct the opening.

## Warning:

Dishwasher Detergents are strongly Alkaline.They can be extremely dangerous, if swallowed .Avoid contact with skin and eyes and keep children away from the dishwasher when the door is open.

Check that the detergent receptacle is empty after completion of the wash cycle.

-The carpet must not obstruct the openings when installing the appliance on the ground with carpet.

-The appliance is not intended for use by young children or infirm persons without supervision.

-Young children should be supervised to ensure that they do not play with the appliance.

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

# BEFORE OPERATION

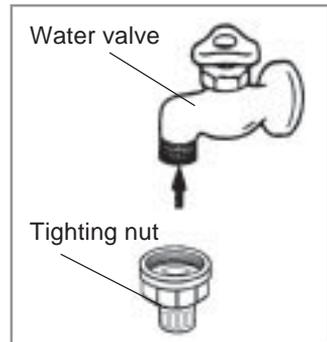


## Warning

Intallation should be done by experts.

When connecting it to a lateral type valve

Tightly screw the tightening nut on the inlet pipe into the water valve.



## Environment temperature

The environment temperature for operation is 5-40°C.

## Water quality

### Water pressure

Water pressure should be within 0.03~0.6MPa (0.3-6kgf/cm<sup>2</sup>). Too high water pressure may lead to water leakage. The surrounding appliances may be got wet.

### Power supply

### Maintenance inside the washing box.

The unit has been cleaned before leaving the factory. But it is better to clean it and check each part for correct position before operation.

# OPERATION INSTRUCTIONS

## Program selection

1. There are 4 types of washing program available for selection, which are normal wash, intensive wash, light wash and rinse wash.
2. Press the ON/OFF switch and then indicators for drying and normal wash illuminate.
3. Check the conditions of the dishes and make sure whether a drying process is necessary or not before selecting the washing program. Press the select button and a beep can be heard, indicating a program with drying process is selected. The rated duration is shown in table 1. When press the button twice, two beeps can be heard, indicating a program without drying process is selected. The rated duration is shown in table 2.
4. The program can't be reset when the appliance is in operation. To reset the program, shut off the power supply and repeat the program selection.

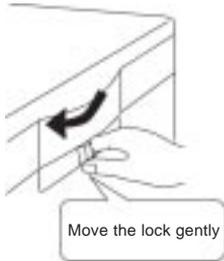
Table 1	Cleanliness
Intensive wash	Dirty
Normal wash	Normal
Light wash	
Rinse wash	

Pilot lamp	Washing time				Duration
	Wash	Rinse1	Rinse2	Drying	
The indicator for intensive wash blinks.	 About 26Min	 About 10 Min	 About 20 Min	 6 Min	67Min
The indicator for normal wash blinks.	 About 25 Min	 About 5 Min	 About 20 Min	 About 6 Min	62Min
The indicator for light wash blinks.	 About 15 Min	 About 5 Min	 About 20 Min	 About 6 Min	52Min
The indicator for rinse wash blinks.		 About 15 Min			About 17 Min

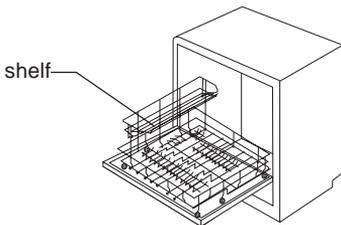
# OPERATION INSTRUCTIONS

## A.Shelf(The container which dishes are put in is called shelf).

- 1.Open the door and put the shelf in
- 1)Set the lock on"open"position, draw the handle forward to open the backdoor.



- 2)Draw the shelf out of the dishwasher



## 2.Dish treatment before washing

- 1)Wash off residues, such as fish bone, vegetables,chopsticks,toothpicks,straws, fat, resin,etc.
- 2)Dishes adhered with roast food, steamed food, rice should be put into hot water first. Clean them when they become soft.



- 3.Put dishes, etc. on the shelf
- Do not let dishes squeezed out of the shelf. If so,they are easy to damage.
- Correct arrangement
- 4.Put the shelf into the washing box.

## B.Put in detergent

- 1)The detergent container is set on the inside door.  
Do not let detergent cover the food containers. Otherwise, detergent may remain on dishes. It will reduce washing ability.
- 2)The amount of detergent to put in is about 15g.

### 1.Special detergent

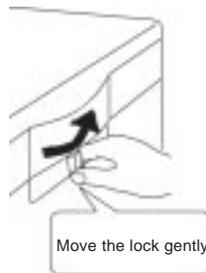
- When the enclosed special detergent is finished, please buy it in the after-sales service centers or maintenance departments in each area. For the contact method, see Warranty.
- Dirty spots of rice and eggs, as well as tea spots can be cleaned by the action of the decomposing enzyme.

### Notice:

- None-special detergent is forbidden to use.
- Foam may occur if kitchen detergent is used. It may cause fault to the machine.

### 2.Close the door

- After the door is closed, set the lock to "shut off" position.

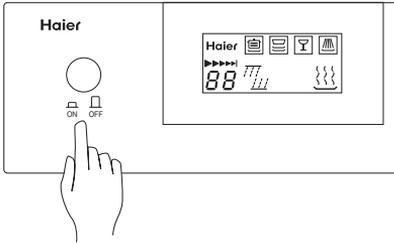


# OPERATION INSTRUCTIONS

## C. Dish washing

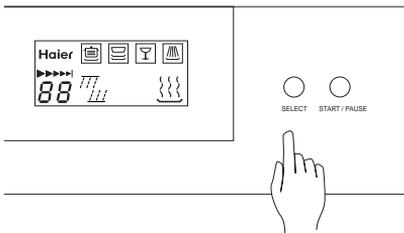
### 1. Switch on the appliance.

Press the ON/OFF switch and the indicators for drying and normal wash illuminate.



### 2. Program selection

Select proper program (see page 7). The program indicator lights in 5 seconds and the wash process starts.



### 3. Food containers drying

1) After washing is finished and the power switch is switched off, open the door. Food containers will be dry in several minutes.

### 4. End of wash.

## Poorer cleanness

### 1. Do not let food containers lapped.

If too many food containers are put in it, the lapped parts can not be washed. If it is necessary to lap the containers, make sure that water can spray direct to the inside of the containers.

### 2. Yellow or black spots on food containers

When yellow or black spots are seen on food containers, it means that more iron or tea elements are in the containers.

### 3. Check the following items:

1) Chopsticks and forks that protrude out too long will prevent the spray from turning. If so, please rearrange them.

2) When the filter or the sprayer is blocked, clean them, please.

3) Please use special detergent.

4) Do not cover the washing container with food containers.

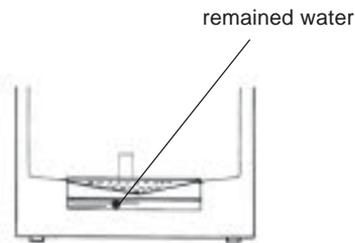
5) Remove hard matters adhering to the food containers.

# OPERATION INSTRUCTIONS & MAINTENANCE

The follows are not abnormal.

## 1. Water remains in the washing box.

After water is drained out, a certain amount of water remains under the filter. The water will be drained out first in next operation.



## 2. Water remains under the filter

Water or water drops often remain under the filter after operation due to different forms and different setting of food containers.

## 3. Watermarks on cups

Watermarks remaining on the surface of transparent glasses is not because of uncompleted flushing out of detergent. The reason is that the water contains mineral substance. Clean the watermarks with a piece of cloth.



## Daily Maintenance

1. Take out the filter after draining is finished, and the washing box is cooled.
2. Remove residues on the filter. Then, wash and clean it.



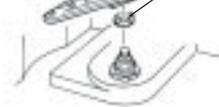
## Weekly Maintenance

1. Clean the sprayer

- 1) Remove the card and seal.



- Card  
Seal  
Sprayer  
Wearing ring (black)



- 2) After the sprayer is taken off, wash out the adhered matters completely.

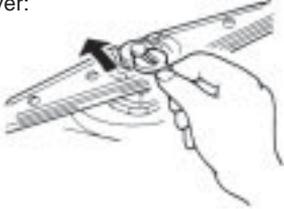


# MAINTENANCE

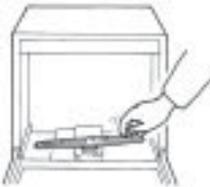
## 3) Reassemble it after washing

Do not forget to install the seal (white) on the sprayer. If you forget it, the sprayer can not rotate smoothly, that will reduce its capacity.

Installation method of the sprayer:



After installation, rotate the sprayer with a hand gently. Make sure the installation is correct.



## 2. Cleaning the door and washing box.

1) Clean them with a piece of wet cloth. Often wash them with special detergent without dishes inside the unit to keep clean.

2) Check the door seal strip for damage. Damaged or cracked seal may lead to water leakage. If it is damaged, please contact the local maintenance department or after-sales service center.



## Monthly Maintenance

### Appearance cleaning

Clean out dirt from the surface with a piece of wet cloth. If there is much dirt on it, clean it with kitchen-used detergent. Do not leave detergent residue on the surface.



# TROUBLESHOOTING AND MAINTENANCE SERVICE

## When alarm signal occurs

- 1) Shut off the power supply and the pilot lamp goes off and the buzzer stops.
- 2) Make troubleshooting according to the following information.

Disorder	Possible causes	Trouble shooting
 <p>The indicators illuminate and the buzzer buzzes.</p>	<p>No water supply</p> <ul style="list-style-type: none"> <li>* The tap is turned off.</li> <li>* There is no water in the pipe.</li> <li>* The pipe is blocked.</li> <li>* The water pressure is too low.</li> </ul>	<ul style="list-style-type: none"> <li>* Turn on the tap.</li> <li>* Shut off the power supply. Wash the dishes when there is water supply.</li> <li>* Clean the pipe.</li> <li>* Water about 1 minute.</li> </ul>
 <p>The indicators illuminate and the buzzer buzzes.</p>	<p>Little drain water</p> <ul style="list-style-type: none"> <li>* The drainage pipe is twisted, blocked and no drainage.</li> <li>* Part of the drainage pipe is 10cm higher than the operation surface.</li> <li>* The filter screen is dirty.</li> </ul>	<ul style="list-style-type: none"> <li>* Arrange the drainage pipe.</li> <li>* Lower the drainage pipe.</li> <li>* Take out the filter and clean it.</li> </ul>
 <p>The indicators illuminate and the buzzer buzzes.</p>	<p>Improper lock</p> <ul style="list-style-type: none"> <li>* The door is not closed properly.</li> <li>* The door is opened during operation.</li> </ul>	<ul style="list-style-type: none"> <li>* Lock the door properly.</li> <li>* Closed the door.</li> </ul>
<p>Other illuminate of pilot lamp and buzzer alarm.</p>	<ul style="list-style-type: none"> <li>* Malfunction of the control system.</li> </ul>	<ul style="list-style-type: none"> <li>* Contact service center.</li> </ul>

3) Do not operate the unit until it becomes normal.

- 4) If abnormal phenomena occur once more, take off the plug and make contact with the local after-sales service center or maintenance department.

## Power failure, ice up or water failure

Power failure	* Turn off the power switch. Operate it when power resumes.
Ice up	* Fill warm water (below 31-70°C) to melt the ice. If the hot water pipe and the draining hose are frozen, melt them with warm water. After ice melts, select "flush" program to make an operation to make sure it is OK.
Water failure	* If water fails during operation. Cut off the power to stop operation. When water comes again, restart the machine. Select "flush" program to drain out dirty water. Then begin to wash.

# TROUBLESHOOTING AND MAINTENANCE SERVICE

Under following situation

1) Shut off the power, make a check and take measures as described in the follows:

Disorder	Possible causes	Trouble shooting
No action at all	<ul style="list-style-type: none"> <li>* Power failure.</li> <li>* The fuse in the inhouse switch box is burned.</li> <li>* The power plug is not inserted firmly.</li> <li>* The power switch is at "off" position.</li> <li>* The lock is at "open" position.</li> <li>* Program selecting keys are pressed.</li> </ul>	<ul style="list-style-type: none"> <li>* Take actions according to the above-mentioned measures in case power failure.</li> <li>* Change fuse.</li> <li>* Insert the plug completely.</li> <li>* Set the switch at "on" position.</li> <li>* Set the lock at "close" position.</li> <li>* Press to confirm.</li> </ul>
Abnormal sounds	<ul style="list-style-type: none"> <li>* The dishwasher is tilted.</li> <li>* Chopsticks might block the sprayer.</li> <li>* The sound of spraying water striking the washing box is not abnormal.</li> </ul>	<ul style="list-style-type: none"> <li>* Level the unit.</li> <li>* Pearrange them.</li> </ul>
Water leaks at the door	<ul style="list-style-type: none"> <li>* Foreign substance is jammed between the door and the washing box.</li> </ul>	<ul style="list-style-type: none"> <li>* Remove it and adjust it.</li> </ul>
No water is drained out	<ul style="list-style-type: none"> <li>* The draining hose is sunk.</li> <li>* Ice up.</li> <li>* The middle part or the end of the draining hose is protruded too high.</li> <li>* It is not abnormal that little water remains in the washing box after operation.</li> </ul>	<ul style="list-style-type: none"> <li>* Do as mentioned above for "ice up".</li> <li>* Make it to normal condition.</li> <li>* The protruding part should be less than 10cm.</li> </ul>

2) Make a test run after faults have been eliminated.

3) When the above phenomena appear again, take off the plug and contact one of the maintenance departments.

## Questions and answers

■ When you have any questions or the product has any abnormal phenomena, please contact our maintenance department or the nearby after-sales service center for consultation or service.

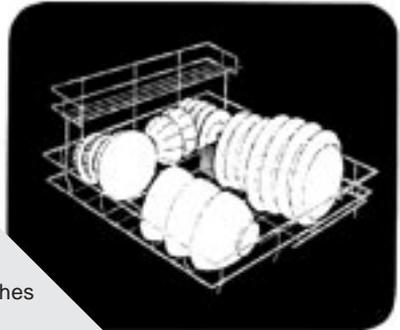
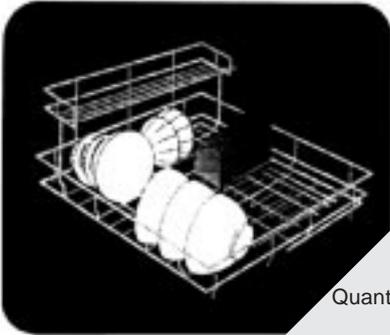
■ When you ask for service, please give us your name, address, telephone number, name and type of the product. Describe the fault correctly. We will serve you as soon as possible.



# TECHNICAL SPECIFICATIONS AND ILLUSTRATION OF DISHES ARRANGEMENT

## Technical specifications

Power supply	220V~ 50Hz	Drying mode	Heated air drying
Power consumption	Wash pump 50Hz 120W Heater 50Hz 1100W Max. Power consumption 50Hz 1250W	Standard capacity	Bowl: 4pcs Soup bowl:4pcs Big dish:4pcs Medium dish:4pcs Small dish:4pcs Glass:4pcs Cup:4pcs Spoon Fork Chopsticks
Water consumption	<16L		
Dimensions	440X515X540(mm)		
Weight	About 19 kg		
capacity	4 place settings		

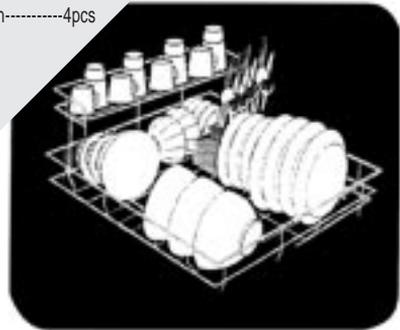
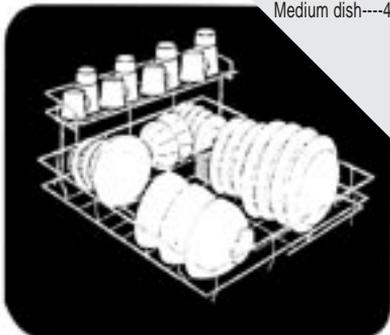


Quantity of dishes

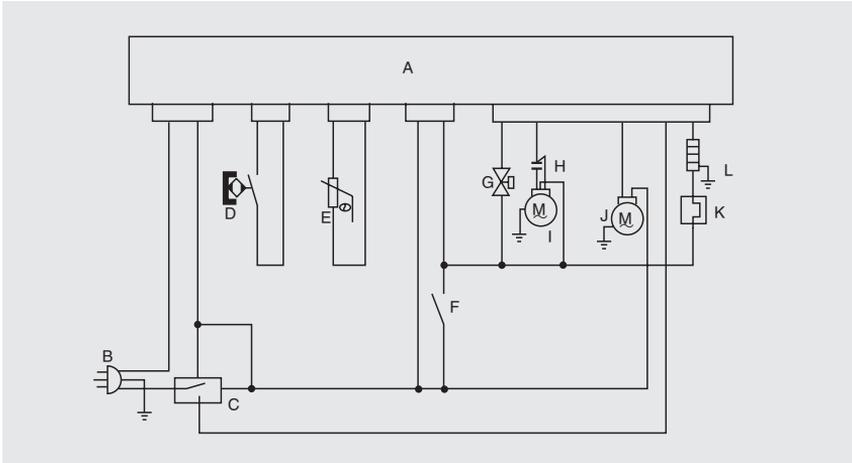
● Please arrange the dishes as illustrated.

- Bowl-----4pcs
- Soup bowl-----4pcs
- Big dish-----4pcs
- Medium dish----4pcs
- Small dish-----4pcs
- Glass-----4pcs
- Cup-----4pcsc
- Spoon-----4pcs

● Please arrange the dishes as illustrated.



# ELECTRIC PRINCIPLE DIAGRAM



A.Control Panel B.Power Plug C.Power Switch D.Water Level Switch E.Sensor F.Door Switch  
G. Water Inlet Valve H.Capacitor I.Wash Pump J.Draining Pump K.Temperature Limiter L.Heater