

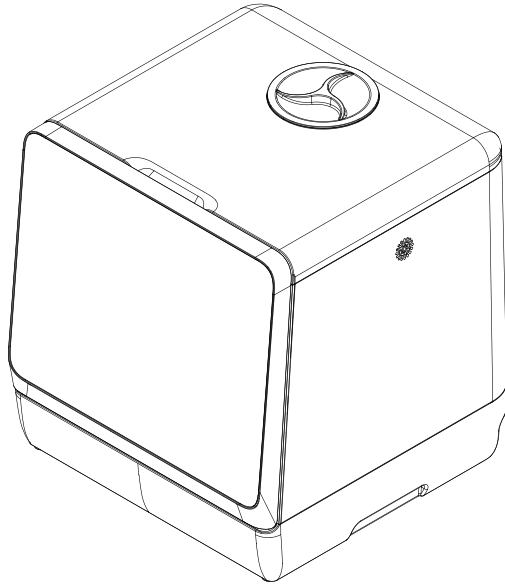
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HAVA

Compact Countertop Dishwasher

Model: R09



User Manual

Before using this compact dishwasher, please read this user manual carefully.

This manual is for the HAVA Compact Countertop Dishwasher (Model: R09).

WARNING: To reduce risk of injury, the user should read and understand this user manual before using this dishwasher.

Save this user manual for future reference.

IMPORTANT SAFETY INFORMATION

WARNING!

When using your dishwasher, follow the precautions listed below:

- This appliance is intended to be used in indoor environments such as:
 - staff kitchen areas in shops, offices, and other working environments;
 - by clients in hotels, motels, and other residential environments;
 - farm houses;
 - bed and breakfast environments.
 - RVs, boats, campers, and other areas where electrical appliances are allowed.
- This appliance can be used by children aged 8 years old and older, persons with reduced physical, sensory, or mental capabilities, and by those lacking experience and knowledge if they have been given supervision and instructions concerning the use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be done by children without supervision (for EN 60335-1).
- Packaging material could be dangerous for children.
- To protect against the risk of electric shock, do not immerse the unit, cord, or plug in water or other liquids.
- Please unplug before cleaning and performing maintenance on the appliance.
- To clean, use a soft cloth moistened with mild soap, then use a dry cloth to wipe it again.
- Do not misuse, sit on, or stand on the door or dish rack of the dishwasher.
- Do not operate your dishwasher unless all enclosure panels are properly in place.
- It is dangerous to open the door while the dishwasher is running, because there is a risk of hot water spraying out.
- Do not place any heavy objects on the door or stand on it when it is open. The appliance could tip forward.
- When loading items to be washed you must:
 - 1) Place sharp items so that they are not likely to damage the door seal.
 - 2) Load knives and other utensils with sharp points in the basket with their points facing down or placed in a horizontal position.
- Check that the detergent powder is empty after completion of the wash cycle.
- Do not wash plastic items unless they are marked "dishwasher safe" or the equivalent.
- For unmarked plastic items, check the manufacture's recommendations.
- Use only detergents and rinse agents recommended for use in an automatic dishwasher.
- Never use soap, laundry detergent, or hand washing detergent in your dishwasher.
- The door should not be left open, because this could increase the risk of tripping.
- 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.
- During installation, the power supply must not be excessively or dangerously bent or flattened.
- Do not tamper with controls.
- The appliance needs to be connected to the main water valve using new hose sets. Old sets should not be reused.
- This appliance has maximum 3 place settings.
- The maximum permissible inlet water pressure is 1 MPa.
- The minimum permissible inlet water pressure is 0.04 MPa.

GROUNDING INSTRUCTIONS

- This appliance must be grounded. In the event of a malfunction or failure, grounding will reduce the risk of electric shock by providing a path of least resistance for the electric current. This appliance is equipped with a ground conductor plug. DO NOT, under any circumstances, cut or remove the grounding plug from the power cord.
- The plug must be plugged into an appropriate outlet with a rated current of 10 A (US model) or 6 A (EU/UK model) that is installed and grounded in accordance with all local codes and ordinances.
- Improper connection of the equipment-grounding conductor can result in the risk of electric shock.
- Check with a qualified electrician or service representative if you are in doubt whether the appliance is properly grounded.
- Do not modify the plug provided with the appliance if it does not fit the outlet.
- Have a proper outlet installed by a qualified electrician.

DISPOSAL

- This appliance's packaging materials are recyclable. Dispose of the packaging into a suitable waste collection container to recycle it.
- It is prohibited to dispose of the appliance as household waste. Correct disposal of this product: the symbol on the product or its packing indicates that this product may not be treated as household waste. Instead, it should be taken to the appropriate waste collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by the inappropriate waste handling of this product.
- For more detailed information about the recycling of this product, please contact your local council, your household waste disposal service, or the shop where you purchased the product.



WARNING

- For disposing of package and the appliance, please go to a recycling center. Beforehand, cut off the power supply cable and make the door closing device unusable.
- Cardboard packaging is manufactured from recycled paper and should be disposed of in the waste paper collection for recycling.
- By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.
- For more detailed information about recycling of this product, please contact your local city office or your household waste disposal service.
- Do not dispose of this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.

ELECTRICAL REQUIREMENTS

Look at the rating label for the voltage rating and connect the dishwasher to the appropriate power supply. If the supply cord is damaged, it must be replaced by the manufacturer, service agent, or a similarly qualified person in order to avoid any hazards.

ELECTRICAL CONNECTION

Ensure that the voltage and frequency of the dishwasher correspond to those on the rating plate. Only insert the plug into an electrical socket that is grounded properly. If your electrical sockets are not appropriate for the plug, replace the sockets rather than using an adapter.

OPERATING SAFETY PRECAUTIONS

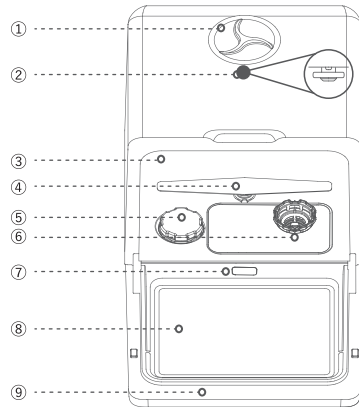
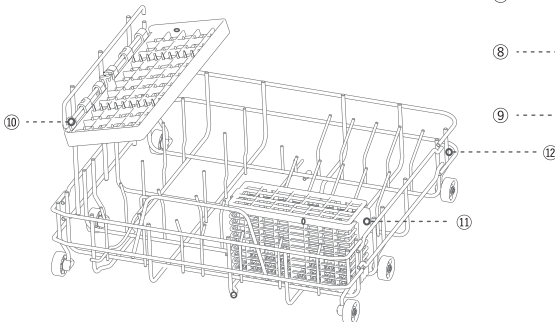
- **DO NOT** operate this appliance if parts are missing or broken.
- **DO NOT** operate this appliance unless all parts are installed properly.
- **DO NOT** place any heavy objects on top of the dishwasher.
- Use only detergent made for automatic dishwashers. Dishwasher detergent is corrosive. Keep dishwasher detergent out of reach of children.
- It is dangerous to open the door while the dishwasher is running, as hot water may scald you.
- Allow time for the dishwasher to cool before assembling or disassembling any parts, and before cleaning.
- **DO NOT** operate this appliance with a damaged cord or plug, or if the appliance malfunctions or is damaged in any manner.
- It is not recommended to use accessory attachments other than those provided by the manufacturer. The use of attachments may cause injuries.
- **DO NOT** use an extension cord or an adapter plug with this appliance.
- **DO NOT** use the appliance for anything other than its intended purpose.
- **DO NOT** place on or near a gas or electric burner.
- **DO NOT** allow the cord to hang over the edge of a table or counter, or to touch hot surfaces.
- To disconnect, turn any control to "OFF", then remove the plug from the wall outlet.

GETTING TO KNOW YOUR DISHWASHER

IMPORTANT: To get the best performance from your dishwasher, read all operating instructions for the dishwasher prior to first use.

Dishwasher Features

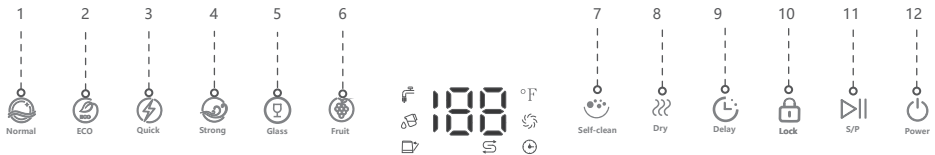
- | | |
|-----------------------|--------------------|
| ① Water tank | ② Upper spray arm |
| ③ LED lamp | ④ Lower spray arm |
| ⑤ Softener | ⑥ Filter system |
| ⑦ Detergent dispenser | ⑧ Glass door |
| ⑨ Control panel | ⑩ Storage rack |
| ⑪ Cutlery basket | ⑫ Tableware basket |



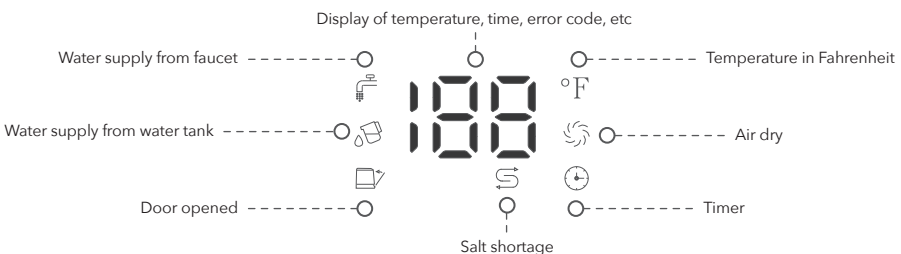
Built-in LED Lamp

The LED lamp allows you to clearly check the working status of the dishwasher. When the glass door is opened, the lamp will automatically turn on and when the glass door is closed, it will automatically turn off within 2 minutes. If the door is kept open for more than 5 minutes, it will automatically turn off. In the last 10 minutes of the drying process, the LED lamp will turn on, indicating that the drying is almost complete.

Control Panel



| No. | Icon | Button/Indicator | Function |
|-----|------|------------------|---|
| 1 | | Normal | For normal soiled loads such as dishes, glasses, and other tableware. |
| 2 | | ECO | Suitable for washing slightly dirty dishes. |
| 3 | | Quick | A shorter wash for lightly soiled loads. |
| 4 | | Strong | Suitable for washing baby bottles, oily and grimy tableware, or pet products. |
| 5 | | Glass | Suitable for glassware and fragile items. |
| 6 | | Fruit | Suitable for washing hard surface fruits with room temperature water. No detergent is needed. |
| 7 | | Self-Clean | Suitable for regular self-cleaning to maintain dishwashing performance. |
| 8 | | Dry | 60 minutes of hot air drying and 72 hours of automatic intermittent Dry ventilation to remove odors and facilitate storage. "St" will display during ventilated storage. (Press and hold the Power button for 3 seconds to cancel ventilation.) |
| 9 | | Delay | Press this button to schedule a wash cycle to start later. |
| 10 | | Lock | Press and hold this button for 3 seconds to activate the child lock. |
| 11 | | S/P | Press this button to start or pause a wash cycle. |
| 12 | | Power | Press and hold this button for 3 seconds to turn on/off the machine. |



INSTALLATION

Parts List



Inlet Hose × 1
(61 in/154 cm)



Drain Hose × 1
(61 in/154 cm)



Fruit Basket × 1



Pitcher × 1

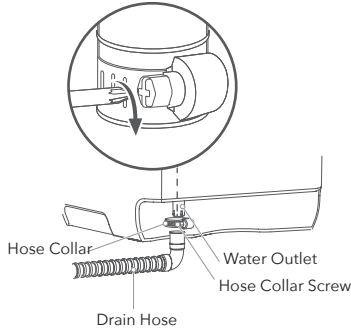


Hose Collar × 1



Cutlery Basket × 1

Connecting the Drain Hose to the Machine

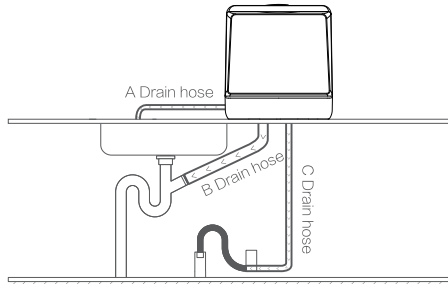


WARNING: The dishwasher drain hose is an essential part of the machine, so it must be installed correctly to drain water and perform its job effectively.



1. Connect the drain hose to the water outlet located on the back of the machine.
2. Tighten the hose collar screw with a screwdriver.

Connecting the Drain Hose to a Sewer

1. There are three options for sewer connection, A (sink), B (sink drainpipe), and C (drainage pipe). For options B and C, it is required to drill a hole on or under the counter so that the pipe can go through the counter.
2. The drain hose must be properly fitted to its containment source (such as a sink, bucket, etc.) to avoid water leaks. Ensure that the drain hose is not kinked or impeded in any way.



Adding Water to Dishwasher


NOTE: This machine supports two water supply options: from a faucet  and from the built-in water tank .

Supplying Water from a Faucet

1. Remove the silica gel plug from the water inlet on the back of the machine. Then, attach one end of the water inlet hose onto water inlet of the machine.



2. Connect the other end of the water inlet hose to your faucet and make sure it is fastened tightly in place.

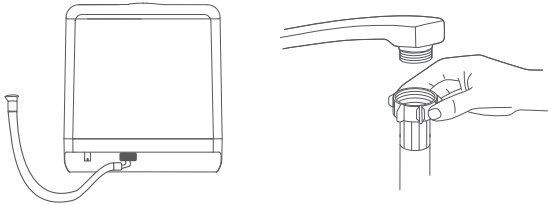
Note: If the included water inlet hose does not fit your faucet, you may need to buy a faucet adapter from a plumbing supply manufacturer. If you are unsure of what to do, please feel free to contact our after-sales service team.

3. Turn on the dishwasher and press the corresponding button to choose a wash cycle. Then, press the Start/Pause button to start the wash cycle. The panel will display a white indicator , meaning the faucet is properly connected and turned on.

NOTES:

1. While supplying water from a faucet, **DO NOT** disconnect the faucet. Otherwise, the wash cycle cannot be completed.

2. A red flashing water shortage indicator   means that this machine is not connected to a faucet, the faucet is not turned on, and/or the water tank is not full.






Supplying Water from the Water Tank

Reminder: If the machine is being used for the first time or has not been used in a long time, insufficient water flow may occur when the water tank is filled due to trapped air in the machine's water pipe system, which prevents the water from flowing into the machine interior. In this case, you can slightly shake the machine 5-6 times to exhaust all trapped air. This will ensure a smooth water flow.



1. Open the water tank lid and fill with about 1.3 gallons (5 L) of water, or approximately 3 pitchers. When the tank is full, 3 beeps will be heard. There is no need to add more water during the washing process.

NOTE: To prevent loss of the tank lid, attach it to the water tank.

2. If the water tank is not full when you start a wash cycle, a red flashing water shortage indicator   will display on the panel and the buzzer will beep. When the water tank is full, a white water tank mode indicator  will appear.

3. Before any wash cycle starts, if the machine detects that the water tank is full, it will automatically use the water supply from the tank.

4. To drain the water tank by hand, pause the wash cycle and press and hold both the Dry button and Power button simultaneously for 3 seconds. If the water tank will not be used for a long time, it is recommended to empty the water tank.

5. The system will automatically check all water supplies. If the red water shortage indicator   appears, you will need to fill the water tank or turn on the faucet. Once the water tank is filled, the machine will automatically start the wash cycle you selected with no need to press the Start/Pause button again. When a faucet is used for water supplying, it is required to press the Start/Pause button again to start the wash cycle after you open the faucet.

NOTE: In the case of a water shortage, if you press the Start/Pause button 5 times and there is still no adequate water supply, the machine will automatically enter standby mode. Or, if there is no user operation or water supply for 10 minutes, the machine will automatically enter standby mode.

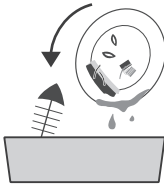
TECHNICAL SPECIFICATIONS

| | |
|---------------------|---|
| Model | R09 |
| Voltage/Frequency | 110-120 V/60 Hz (US) 220-240 V/50 Hz (EU/UK) |
| Rated Current | 10 A (US) 6 A (EU/UK) |
| Capacity | 3 place settings |
| Power | 950 W |
| Inlet Pressure | 0.04-1 MPa |
| Water Tank Capacity | 1.3 gallons (5 L) |
| Dry Mode | PTC hot air |
| Noise Level | 60 dB |
| Energy Rating | D |
| Product Weight | 31.5 lb (14.3 kg) |
| Product Size | 16.86 × 16.75 × 18.05 in (428 × 425 × 458 mm) |

OPERATING INSTRUCTIONS

Loading the Dishwasher Basket

- Remove large, hard food scraps before loading tableware into the dishwasher.

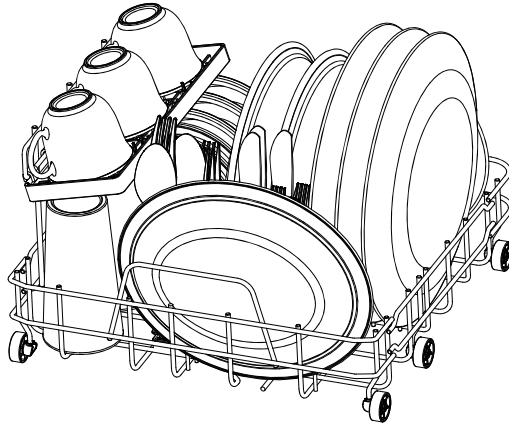


Try to leave the dirty facing toward the spray arm.

- Stack cups, glasses, and bowls on an incline facing down, so that water can reach inside and they will drain. Insert plates in the slots and face them toward the spray arm to make sure water passes through for proper cleaning. Load knives, forks, and spoons with handles up and tilt them as much as possible to avoid starching or injury when taking them out of the dishwasher.

You may refer to the illustration when loading the dishwasher.

Recommended Layout



For the best cleaning performance, follow these loading guidelines:

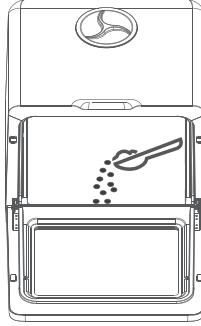
- Scrape off any large food particles.
- Soften and/or soak remnants of burnt food in pans.
- It is not necessary to rinse all dishes under running water.
- Place objects in the dishwasher in the following way:
 - Load hollow items such as cups, glasses, pans etc. with the opening facing downwards.
 - Curved items or items with recesses should be loaded at a slant so that water can run off.
 - All tableware and cutlery should be placed such that the spray arms can rotate freely during washing.
- Knives and other utensils with sharp points should be loaded in the storage rack or cutlery basket with their points down or placed in a horizontal position so that they do not damage the inside of the dishwasher.
- Very small items should not be washed in the dishwasher, as they could fall out.
- Dishes and cutlery should not lie inside, be stacked with, or lie against each other.
- To avoid damage to glasses, ensure they are not touching each other.
- Do not overload the dishwasher. Position the dishes and cookware such that they will not be moved by the water spray.

Not suitable for:

- Cutlery with wooden or mother-of-pearl handles
- Plastic items that are not heat-resistant
- Non-heat resistant bonded cutlery or china
- Pewter or copper items
- Delicate crystal
- Steel or silver items subject to rusting or discoloration
- Wooden items
- Glazed items that may fade
- Painted tableware

Detergent Use

Pods, liquid, or powder detergent are all acceptable. Add detergent to the detergent dispenser located on the bottom of the glass door (depicted in the figure below).



WARNING: Only use detergent made specifically for dishwashers. Do not use rinse aids. Dishwasher detergent is corrosive! Keep away from children.

- **DO NOT** add detergent when using the Fruit wash cycle.
- The use of Normal wash cycle in combination with low alkaline concentrated detergents with natural enzymes reduces pollution and is good for your dishes.
- The detergent must be refilled before the start of each wash cycle.
- Generally, only one tablespoon of detergent is needed for a normal wash load.
- Always add the detergent just before starting the dishwasher. Otherwise it could become damp and will not dissolve properly.

Wash Cycle Selection

Pre-Programmed Wash Cycle

The table below shows which pre-programmed wash cycle should be used for each cleaning job and how much detergent is needed.

| Wash Cycle | Description | Wash Steps | Temperature | Detergent | Wash Time | Air Drying Time |
|------------|--|--|--|----------------|---|-----------------|
| Normal | To clean normal soiled loads | Hot water washing Cold water rinsing Cold water rinsing Hot water rinsing | 131 °F/55 °C (Washing) 167 °F/75 °C (Rinsing) | 0.28 oz (8 g) | 69 minutes | 60 minutes |
| ECO | Suitable for washing slightly dirty dishes. | Hot water washing Cold water rinsing Hot water rinsing | 131 °F/55 °C (Washing) 154 °F/68 °C (Rinsing) | 0.38 oz (11 g) | 59 minutes (US model) 68 minutes (UK/EU model) | 60 minutes |
| Quick | Shorter wash for lightly soiled loads | Hot water washing Cold water rinsing Hot water rinsing | 122 °F/50 °C (Washing) 158 °F/70 °C (Rinsing) | 0.28 oz (8 g) | 29 minutes | 60 minutes |
| Strong | Suitable for washing baby bottles, oily and grimy tableware, or pet products | Hot water washing Hot water rinsing Cold water rinsing Hot water rinsing | 131 °F/55 °C (Washing) 131 °F/55 °C (Rinsing) 167 °F/75 °C (Rinsing) | 0.42 oz (12 g) | 89 minutes | 60 minutes |

| Wash Cycle | Description | Wash Steps | Temperature | Detergent | Wash Time | Air Drying Time |
|------------|---|--|--|---------------|------------|-----------------|
| Glass | Suitable for glassware and fragile items. | Hot water washing Cold water rinsing Hot water rinsing | 131 °F/55 °C (Washing) 167 °F/75 °C (Rinsing) | 0.28 oz (8 g) | 50 minutes | 60 minutes |
| Fruit | Suitable for washing hard surface fruit with room temperature water | Cold water rinsing Cold water rinsing | Constant temperature, no heating | Not required | 19 minutes | / |
| Self-Clean | Recommended for regular use to maintain dishwashing performance | Hot water washing Cold water rinsing Cold water rinsing Hot water rinsing | 131 °F/55 °C (Washing) 167 °F/75 °C (Rinsing) | 0.28 oz (8 g) | 79 minutes | 60 minutes |

NOTES:

- When water is supplied from the tank, the Normal, Strong and Self-Clean programs rinse one fewer time, with the same total wash time.
- For washing tableware using water from the water tank, add water with a temperature below 104 °F (40 °C). For washing fruits and vegetables, add room temperature water. The default cleaning time is 19 minutes for the Fruit cycle. You can stop the wash cycle any time during the wash to prevent the fruits from becoming over-washed or damaged.
- The Dry mode can be used with any wash cycle other than Fruit.

Dry Mode

What is Dry Mode?

The Dry mode can be used to keep your dishes clean and dry for long periods. Hot air drying and automatic ventilation can also prevent bacteria and odors, allowing you to keep your tableware sanitary while storing them.

How Does it Work?

When this mode is activated, after 60 minutes of hot air drying to the dishes, a 15-minute automatic ventilation will start every 75 minutes during the next 72 hours.

Working Modes



The Dry mode can be used together with any wash cycle other than Fruit and can also be turned on separately.

To combine with a wash cycle: After choosing the wash cycle of Normal, ECO, Quick, Strong, Glass, Self-Clean, press the Dry button to add 72 hours of intermittent ventilation after the cycle. To cancel, simply press the Dry button again if the Dry mode does not start.

To use separately: Do not start any wash cycle. Press and hold the Dry button for 3 seconds to start a separate Dry mode. This will add 60 minutes of hot air drying, a 15-minute automatic ventilation will start every 75 minutes during the next 72 hours.

NOTE: The Dry mode cannot be paused or canceled during operation of air-drying and intermittent circulation. If you want to cancel the Dry mode, press and hold the Power button for 3 seconds to turn off the dishwasher.

How the Working Status Panel Displays the Air-Dry Function

| | |
|---|---|
| Air Dry after any wash cycle (except Fruit) | Power button and Start/Pause button will stay illuminated with remaining time and  on the working status panel. |
| Air Dry in separate Dry mode | Dry button and Power button will stay illuminated, with  during 60-minute hot air drying and "St" during 72-hour ventilation on the working panel. |

Starting a Wash Cycle

1. Load the dishwasher. See "Loading the Dishwasher Basket" for instructions.
2. Add detergent. See "Detergent Use" for instructions.
3. Connect the water inlet hose to the faucet. Ensure that the faucet is turned on to full pressure. Alternatively, add water to the water tank manually. See "Adding Water to Dishwasher" for instructions.
4. Insert the power plug into a power outlet. The Power button should light up and pulse.
5. Press and hold the Power button for 3 seconds to turn on the appliance. The Power button and Start/Pause button will light up.
6. Press the corresponding button to select your desired wash cycle: Normal, ECO, Quick, Strong, Glass, Fruit and Self-Clean. Refer to the wash cycle table for details.
7. When a wash cycle is selected, the corresponding button will illuminate.
8. Press the Start/Pause button to start the wash cycle.
9. If needed, press the Dry button either before or after a wash cycle is started, or when the wash cycle is finished to add an extra 60 minutes of air-drying and 72 hours of intermittent ventilation for storage.
10. To pause the dishwasher, press the Start/Pause button. The button will flash until it is pressed again to resume the wash cycle.

NOTE: The Dry mode cannot be paused or canceled during operation of air-drying and intermittent circulation. If you want to cancel the drying, press and hold the Power button for 3 seconds to turn off the dishwasher.

Delayed Start Function

1. After selecting a wash cycle, press the Delay button to activate the timer.
2. Press the Delay button again to select a delayed start from 1 hour to 18 hours.
3. Press and hold the Delay button to cancel the timer.
4. After your desired time of delay is selected, press the Start/Pause button to start the timer. The wash cycle will start after the delay.

Child Lock

1. During a wash cycle or in the standby mode, press and hold the Child Lock button for 3 seconds to activate the child lock. The Child Lock button will illuminate.
2. While the child lock is activated, the machine will not respond to any button operations to avoid misoperation.
3. Press and hold the Child Lock button for 3 seconds again to deactivate the child lock.

Changing the Wash Cycle

The wash cycle cannot be changed during washing. If you want to change the wash cycle, please follow these steps to re-select a wash cycle:


1. Press the Start/Pause button to pause the wash cycle.
2. Press and hold the Power button for 3 seconds to turn off the machine.
3. Press and hold the Power button for 3 seconds to turn on the machine and start a new wash cycle. See "Starting a Wash Cycle" for instructions.

NOTE: Before the selection of a wash cycle, the detergent may have already been released and the appliance may have already drained the wash water. It is then required to refill the water tank if water is supplied from the tank, and the detergent dispenser must be refilled. See "Detergent Use" for instructions.

Using Dishwasher Salt (Optional)

1. The dishwasher is equipped with a water softener that traps magnesium and calcium ions that are the cause of hard water. This prevents limescale buildup in the machine and reduces watermarks on your dishware.
2. Before first use, you may choose the softener setting according to your local water hardness. Please refer to the table below to determine the water hardness. To choose the softener setting, first press and hold the Power button and Child Lock button simultaneously for 5 seconds. Then short press the Child Lock button to cycle among different settings. Once the desired setting is displayed, short press the Power button to confirm.

| CaCO ₃ mg/L | CaCO ₃ mmol/L | Hardness Level | Softener Setting |
|------------------------|--------------------------|----------------|------------------|
| 0-10 | 0-0.10 | Very Soft | H1 |
| 11-100 | 0.11-1.00 | Soft | H2 |
| 101-200 | 1.01-2.00 | Medium | H3 |
| 201-300 | 2.01-3.00 | Hard | H4 |
| 301-450 | 3.01-4.50 | Very Hard | H5 |
| 451-650 | 4.51-6.50 | Very Hard | H6 |
| >651 | >6.51 | Very Hard | H7 |

3. When the Salt Shortage icon  illuminates, you need to add more dishwasher salt to the softener to ensure its continued functioning.
4. To add dishwasher salt, rotate counterclockwise and remove the softener cap. Add no less than 0.55 lb (250 g) and no more than 1.1 lb (500 g) dishwasher salt to the softener, and fill it with water if the inside is dry. DO NOT use hot or warm water. Use cold water only. DO NOT overfill. Carefully stir the salt in water before replacing the cap. Make sure the cap is tightened.
5. It is recommended to run a wash cycle with no dishware loaded after the addition of dishwasher salt.
6. It may take some time before newly added dishwasher salt can be dissolved, so the Salt Shortage icon may not immediately go off after salt addition.
7. Only add dishwasher specific salt to the softener. Never use industrial salt or kitchen salt.
8. It is recommended to manually remove the liquid inside the softener before long-term storage.

Forget to Add a Dish?

You can only add a dish if the dishwasher has been running for a short time prior to detergent being released and water being drained.

NOTE: It is dangerous to open the door when the wash cycle has commenced as the hot water may scald you. If you do need to open the door completely, press the Start/Pause button and then slowly open the door.

1. Press the Start/Pause button to stop the wash cycle.
2. After the spray arms stop moving, you can open the door. The LED lamp will then turn on.
3. Add forgotten dishes.
4. Close the door.
5. Press the Start/Pause button. The dishwasher will then resume operation.

At the End of a Wash Cycle

When the cleaning cycle is completed, the machine will drain out the water for 1 minute, and 6 beeps will be heard. When the entire wash cycle is completed, the machine will automatically enter the standby mode. Note: If the Dry mode is added, the machine will begin the Dry mode after the wash cycle is completed. After the air drying is finished, the machine will automatically enter the standby mode.

1. Turn off the water supply, if connected. If the water tank will not be used for a long time, it is recommended to drain the water tank by pressing and holding both the Dry button and Power button simultaneously for 3 seconds.
2. Unplug the appliance from the power source.

NOTE: When the wash cycle is completed, there may be a few droplets on the dishwasher's interior or on the tableware. This is normal.

CLEANING & MAINTENANCE

Filter System

NOTES:

- Never run the dishwasher without the filters in place. Improper placement of the filters may reduce the performance of the dishwasher and damage dishes and utensils.
- Make sure the filters are properly assembled.
- The entire filter system should be cleaned once a week. Remove food remnants and clean the filters under running water.
- When cleaning the filters, do not knock them against surfaces. This can contort the filters and affect the performance of your dishwasher.

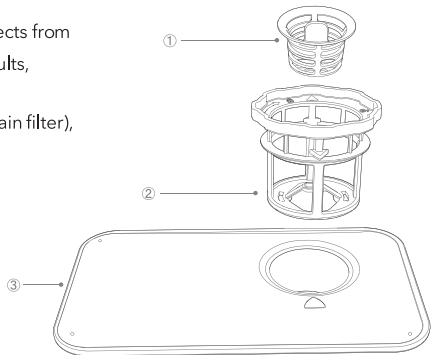
The filters prevent larger remnants of food or other objects from getting inside the pump. For best performance and results, regularly clean the filter system.

The filter system consists of a coarse filter, a flat filter (main filter), and a micro filter (fine filter).

① Coarse filter: This filter traps larger items, such as pieces of bone or glass that could block the drain.

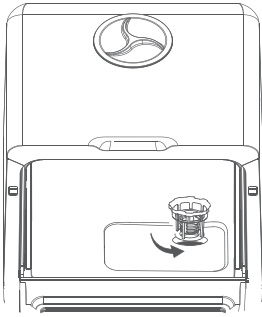
② Fine filter: This filter catches soil and food residue in the cylindrical base and prevents the soil from being redeposited on the dishes during wash cycle.

③ Main filter: Food and soil particles trapped by this filter are broken down by a special jet on the spray arm and flushed down the drain.

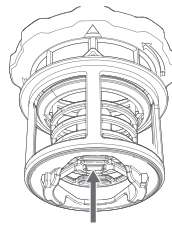


To Remove the Filter System

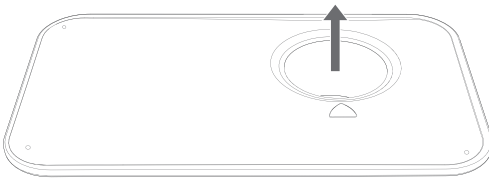
1. Turn the fine filter counterclockwise to remove it from the machine.



2. Push the tabs at the bottom center of the fine filter to separate the coarse filter from the fine filter.

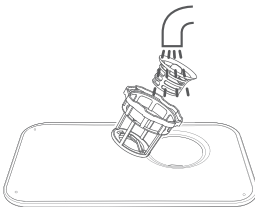


3. Remove the main filter by pulling upwards.

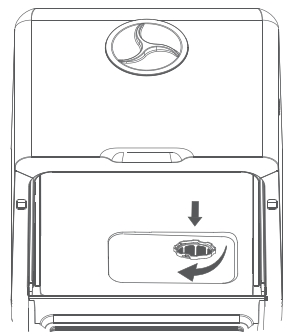


To Clean the Filter System

1. Rinse the filter system under running water. Use a soft cleaning brush to clean the coarse filter and the fine filter.



2. To reinstall the filter system, position the main filter on its seat and push downwards, align the tabs on the bottom of the coarse filter with the corresponding hole of the fine filter, and then insert the coarse filter into the fine filter. Then, place the fine filter into its seat and rotate clockwise to tighten.

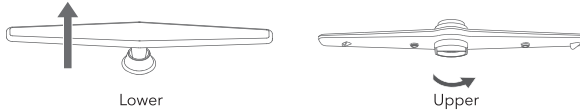


Spray Arms

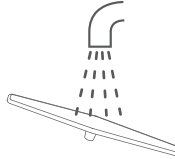
The upper and lower spray arms can be easily removed for periodic cleaning of the nozzles, preventing potential clogging. Wash them under running water and carefully replace them in their seats, checking that rotary movement is in no way impeded.

To Remove and Clean the Spray Arms

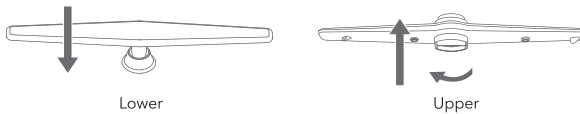
1. Open the door and take out the basket.
2. Remove the lower spray arm by grasping the center part of it and pulling upwards. Unscrew the upper spray arm by rotating counterclockwise.



3. Wash the arms under running water and brush each spray arm. Use tools with a sharp point, such as a needle, to clean nozzles if needed.



4. Replace the lower spray arm to its seat by pushing downward until it clicks into place. Replace the upper spray arm by screwing clockwise into its seat. Ensure that the spray arm movement is not impeded before running another cycle.



Dishwasher Care and Maintenance

Daily Maintenance

- The control panel and exterior should be cleaned by using a lightly damp cloth. After cleaning, make sure to dry thoroughly. Never use sharp objects, scouring pads, or harsh cleaners on any part of the dishwasher. To remove spots or stains from the surface of the interior, use a cloth dampened with water and a little vinegar.
- There may be some oil stains left on the edge of the dishwasher's interior wall or door after heavily soiled loads have been washed. To clean the edge around the door, only use a soft, warm, damp cloth. Avoid getting water inside the door lock and electrical components.
- Regularly clean the door seals with a damp sponge to prevent odors from trapped food particles in the door seal.

WARNING: Never use a spray cleaner to clean the door panel, as it may damage the door lock and electrical components. Abrasive agents or paper towels should not be used due to risk of scratching or leaving spots on the stainless-steel surface.

Protecting the Dishwasher from Freezing

Please take frost protection measures during the wintertime. After every wash cycle, take the following steps:

1. Turn off the dishwasher. Cut off electrical power from the dishwasher.
2. Turn off the water supply and disconnect the water inlet hose from the back of the unit.
3. Drain the water from the inlet hose and inlet port (Use a pan or bucket to catch the water).
4. Reconnect the water inlet hose to the inlet port.
5. Remove the filter system and use a sponge to absorb the water that is in the filter (sump) area.


If your dishwasher no longer works due to freezing or ice, please contact our after-sales service team.

General Tips

In order to keep your dishwasher in good working order, the following suggestions should be observed:

- Before cleaning or performing maintenance, always remove the plug.
- **After every wash** - Turn off the water supply to the appliance and leave the door slightly ajar so that moisture and odors are not trapped inside.
- **If the dishwasher will not be used for an extended period of time** - It is recommended that you run a wash cycle with the dishwasher empty, then power off the dishwasher, unplug the power cord, turn off the water supply, force drain the water tank, manually remove the liquid inside the softener, and leave the appliance door slightly open. This will help the door seals to last longer and prevent odors.
- **Moving the appliance** - If the appliance must be moved, try to keep it in a vertical position. Do not transport the unit on its side or upside down.
- **Water connection** - Connect the female connector to your faucet and make sure it is fastened tightly in place. Please Note: If the supplied water inlet hose does not fit your faucet, you may need to buy a faucet adapter from a plumbing supply manufacturer. If you are unsure of what to do, please feel free to contact our after-sales service team.
- **Water drainage** - The drain hose must be properly fitted to avoid water leaks. Ensure that the water drain hose is not kinked or in any way impeded. If the sink is higher than the surface where you have placed your dishwasher, it will be necessary to drain excess water into a bucket that is in a lower position than the dishwasher. If you need a drain hose extension, be sure to use a similar drain hose, and that it is no longer than 12 feet long. Otherwise, the cleaning effect of the dishwasher could be reduced.

ERROR CODES

| Codes | Buzzer Sound | Error Type | Solutions |
|--|------------------------------|--|--|
|  (Water shortage icon keeps flashing red) | 10 beeps (once every second) | A fault in the water inflow | <ol style="list-style-type: none"> 1. Make sure the faucet is connected and turned on, or the water tank is full. 2. Restart the appliance. If the icon still flashes red, please contact HAVA support team. |
| "E2" | 5 beeps every 2 seconds | Draining error | <ol style="list-style-type: none"> 1. Check the drain hose and make sure the hose is not kinked or obstructed. 2. Turn off the appliance and check if anything is blocking the filter system or drain hose. 3. Make sure all hoses are not blocked. |
| "E3" | | Overflow | |
| "E4" | | Thermistor error | |
| "E5" | | Internal communication error | |
| "E6" | | Heating system failure | |
| "E7" | Pressure switch failure | Restart the appliance. If the error code still persists, please contact HAVA support team. | |

*Please note that "St" is not an error code. It shows during the optional 72-hour intermittent ventilation.

TROUBLESHOOTING

| Problems | | Possible Causes | Solutions |
|----------------------------|--|--|---|
| TECHNICAL PROBLEMS | Dishwasher doesn't start. | Fuse is blown, or the circuit breaker is tripped. | Replace the fuse or reset the circuit breaker. Remove any other appliances sharing the same circuit with the dishwasher. |
| | | Power supply is not turned on. | Make sure the power cord is properly plugged into the wall socket. Make sure the dishwasher is turned on and the door is closed securely. |
| | | Water shortage. | Open the faucet or add water to the tank until the water shortage indicator turns off. |
| | | Dishwasher door is not properly closed. | Make sure the door is fully closed. |
| | Insufficient water flow. | There is trapped air in the machine's water pipe system. | Slightly shake the machine 5-6 times to exhaust all trapped air. |
| | Water is not pumped from the dishwasher. | Kinks in the drain hose. | Check the drain hose. |
| | | Filter system is clogged. | Check the coarse filter. |
| Kitchen sink is clogged. | | Check your kitchen sink to make sure it is draining. If the kitchen sink is not draining, contact a plumber. | |
| Can't select a wash cycle. | The dishwasher is in operation. | Re-select a cycle by stopping the in-progress cycle or wait for the in-progress cycle to finish. | |
| GENERAL PROBLEMS | Suds in the tub. | Wrong detergent. | <ul style="list-style-type: none"> Only use special detergents for dishwashers. Open the dishwasher and remove foam by hand. Pour 1.3 gallons of water into machine, or open the connected faucet, select any program, and let it run for 1-2 minutes. The foam will then be drained. Repeat process if needed. Note: If the water tank is not full and a faucet is not connected, the machine cannot be activated. |
| | Stained tub interior. | Detergent with colorant was used. | Do not use detergents with colorants. |
| | Discoloration of plastic tableware. | Washing temperature is too high. | Select a wash cycle with lower temperatures. |
| | White film on the inside surface. | Hard water minerals. | This problem is difficult to avoid in areas with hard water. To clean the interior, use a damp sponge with dishwasher detergent, wearing rubber gloves. Never use any cleaner other than dishwasher detergent, as there is a risk of foaming or suds. |
| | There are rust stains on cutlery. | The affected items are not corrosion resistant. | Avoid washing items that are not corrosion resistant in the dishwasher. |
| NOISE | Knocking noise inside the tub while running. | The spray arm is knocking against an item in the basket. | Pause the program and rearrange items obstructing the spray arms. |
| | Rattling noise inside the tub while running. | Items are not securely placed in the basket. | Pause the wash cycle and secure the items in the basket. |
| | Knocking noise in the water pipes. | This may be caused by on-site installation or the cross-section of the piping. | This has no influence on dishwasher function. If unsure, contact a qualified plumber. |

| Problems | | Possible Causes | Solutions |
|-------------------------------------|------------------------------------|---|---|
| UNSATISFACTORY WASHING RESULT | Tableware is not cleaned. | Dishes were not loaded properly. | See "Loading the Dishwasher Basket" for instructions. |
| | | The wash cycle was not powerful enough. | Select a more intense wash cycle. Refer to the wash cycle table for details. |
| | | Items are blocking the path of spray arms. | Rearrange the items so that the spray arms can rotate freely. |
| | | The filter system is not clean or is not correctly installed. | Clean and/or fit the filter system correctly. |
| | | Nozzles on the spray arms are clogged. | See "Cleaning and Maintenance" for instructions on nozzle cleaning. |
| | Cloudiness on glassware. | Combination of soft water and not enough detergent. | Use less detergent if you have soft water and select Glass cycle to wash the glassware. |
| | Egg custard left on the tableware. | Protein solidification. | Wash the tableware with egg custard by hand. |
| | Black or gray marks on dishes. | Aluminum utensils have rubbed against dishes. | Check that dishes are loaded properly and not rubbing against each other. |
| UNSATISFACTORY DRYING RESULT | The dishes are not drying. | Dishes are blocking the detergent dispenser. | Check that dishes are loaded properly. |
| | | Improper loading. | Check that dishes are loaded properly. |
| | | Inappropriate wash cycle. | Select an appropriate wash cycle. |
| | | Poor drying effect for plastic/wooden tableware. | Dry tableware by hand. |
| | | Drying cycle has not finished yet. | Wait for the drying cycle to finish. |
| | Cutlery has low-quality coating. | Water drainage is more difficult with these types of items. These types of cutlery and dishware are not suitable for washing in the dishwasher. | |
| Water drops left inside of machine. | Not enough drying time. | Select the Dry mode to add more air-drying time. | |
| SOFTENER PROBLEMS | Salt Shortage icon illuminates. | Salt in softener is running low. | Refill the softener with salt. |
| | | Newly added salt has not dissolved. | Run a wash cycle with no dishware loaded after salt addition to allow the salt to fully dissolve. |
| | Excessive watermarks on dishes. | Incorrect softener setting is selected. | Select an appropriate softener setting according to water hardness. |

WARRANTY

HAVA offers a limited 12-month warranty, plus lifetime technical support on our dishwasher.

The warranty does not apply where damage is caused by other factors, including without limitation: (a) normal wear and tear; (b) abuse, mishandling, accident, or failure to follow operating instructions; (c) exposure to liquid or infiltration of foreign particles; (d) servicing or modifications of the product other than by HAVA; (e) commercial or non-household use.

These are our general terms for warranty service, but we always urge our customers to reach out to us with any issue, regardless of warranty terms.

CONTACT US

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