

6 Place Dishwasher

INSTRUCTION MANUAL

MODEL: HV-D6FI



*Please note, this dishwasher does **NOT** include a decorative door (front) panel - it will need to be supplied by the installer.

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General Safety Instructions

IMPORTANT SAFETY INSTRUCTIONS READ CAREFULLY AND KEEP FOR FUTURE REFERENCE

Read this manual thoroughly before first use, even if you are familiar with this type of product. The safety precautions enclosed herein reduce the risk of fire, electric shock and injury when correctly adhered to. Keep the manual in a safe place for future reference, along with the completed warranty card and purchase receipt. If applicable, pass these instructions on to the next owner of the appliance.

Always follow basic safety precautions and accident prevention measures when using an electrical appliance, including the following:

Pay particular attention to safety messages that follow the words:

DANGER, WARNING and CAUTION.

These words are used to alert you to a potential hazard that can seriously injure you and others. The instructions will tell you how to reduce the chance of injury and let you know what can happen if the instructions are not followed.

DANGER means that failure to read this safety statement may result in severe personal injury.

WARNING means that failure to read this safety statement may result in extensive product damage or serious personal injury.

CAUTION means that failure to read this safety statement may result in minor or moderate personal injury, property or equipment damage.

Electrical safety and cord handling

- **Voltage:** Before connecting and turning on the appliance, ensure the electrical voltage and circuit frequency correspond to those indicated on the appliance rating label.
- **WARNING!** Ensure the outlet is properly earthed to the ground. If unsure, consult a qualified electrician or a service representative. Improper connection of the equipment grounding conductor can result in the risk of an electric shock if the appliance malfunctions.
- **WARNING!** Do not modify the cord and plug provided with the appliance; if it does not fit the outlet, have a proper outlet installed by a qualified electrician.
- **WARNING!** If the supply cord is damaged, do not use the appliance. A damaged cord must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard. Contact our after sales support centre.
- **Connection:** Do not use an adaptor; do not use an extension cord. We recommend you connect the appliance to a separate circuit serving only this appliance.
- **Power cord:** Do not kink or damage the power cord. Position it out of the way so no one steps on or places anything on the cord or against it.

General Safety Instructions (Cont.)

- **Inserting/removing the plug:** Before you insert or remove the plug, make sure the appliance is switched off and the power is switched off at the electrical outlet. Remove by grasping the plug, do not pull on the cord.
- **CAUTION!** To reduce the risk of electric shock, do not immerse the unit, cord or plug in water or other liquid. Do not expose it to rain or moisture.
- **Auto switch off:** To save energy, in standby mode the appliance will switch off automatically when there is no operation in 30 minutes.
- **RCD:** Unless your home is already fitted with a residual current device (safety switch), we recommend installing an RCD with a rated residual operating current not exceeding 30 mA to provide additional safety protection when using electrical appliances. See your electrician for professional advice.

Installation

- **WARNING!** Do not install the dishwasher yourself. Have it installed by an appropriately qualified, licensed plumber or dishwasher installer only.
- **WARNING!** Any electrical work required for the installation of this dishwasher should be carried out by a qualified, licensed electrician.
- **Power supply cord:** During installation, the power supply cord must not be excessively or dangerously bent or flattened. Do not tamper with the controls.
- **Safe disposal:** When removing an old dishwasher from service or discarding it, remove the door to the washing compartment.
- **Hose sets:** Only use new hose sets when connecting this dishwasher to the water supply; do not reuse old hoses.
- **Water pressure:** The maximum permissible inlet water pressure is 1 MPa. The minimum permissible inlet water pressure is 0.04 MPa (0.4–10 bar).
- **Flammable objects:** Do not install the appliance on or near any flammable or hot objects.
- **Ventilation:** If there are any ventilation openings in the base, make sure they are not obstructed by carpet.
- **Proper installation:** Install the dishwasher on an even, flat and stable ground. Do not operate your dishwasher unless all enclosure panels are properly in place.

Usage conditions and restrictions

- **Domestic use only:** This appliance is intended for indoor household use only. It is not suitable for industrial, commercial or trade use. Do not use it for anything other than its intended purpose, and only use it as described in this manual.
- **Usage restriction:** The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

General Safety Instructions (Cont.)

- **Children** should be supervised to ensure they do not play with the appliance. Close supervision is necessary when any appliance is used by or near children.
- **WARNING!** Never leave the appliance unattended while in use.
- **Dishwasher door:** Do not abuse, sit on or stand on the door or dish rack of the dishwasher, or use it for anything other than its intended purpose. Do not place any heavy objects on the dishwasher door when it is open. The appliance could tip forward.

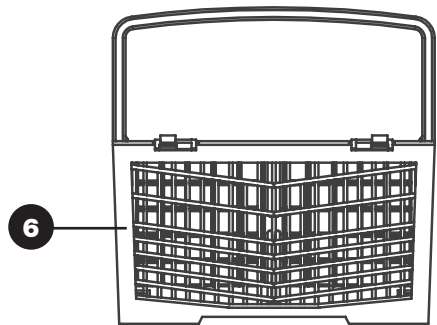
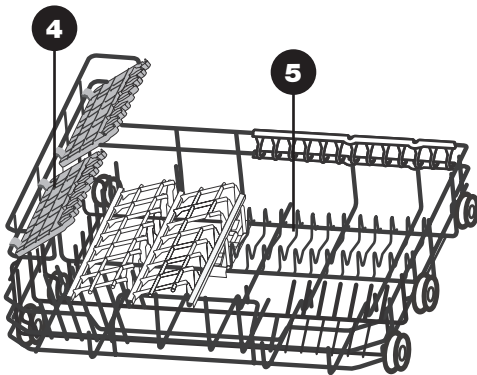
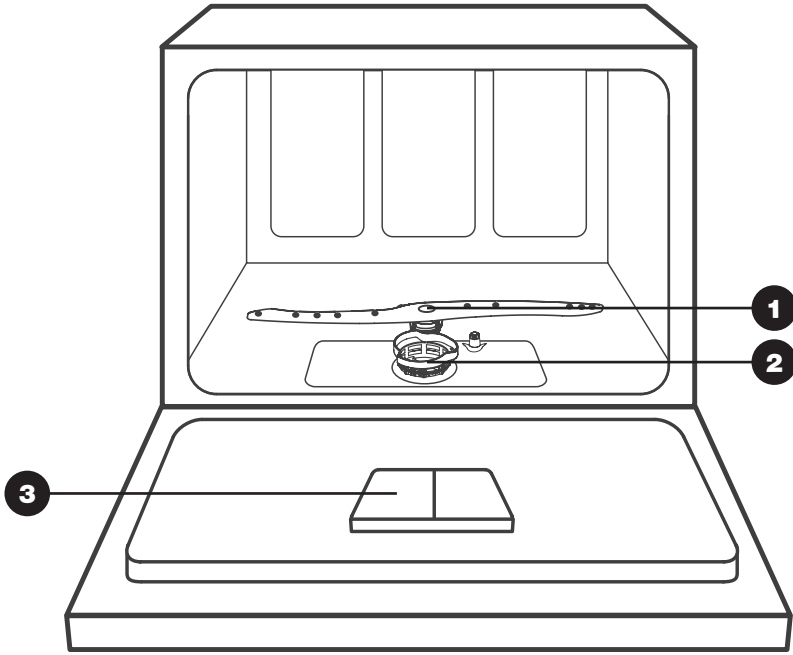
Open the door very carefully if the dishwasher is operating as there is a risk of water squirting out.

The door should not be left wide open as this could increase the risk of someone tripping over the door.

- **Safe loading:** Do not overload this dishwasher, it has a maximum capacity of 6 place settings. To ensure safe operation, follow a few simple rules when loading the dishwasher:
 - Place sharp items so they are not likely to damage the door seal.
 - **WARNING:** Knives and other utensils with sharp points must be loaded in the basket with their points down or placed in a horizontal position to avoid potential hazards.
 - Only wash plastic items that are marked dishwasher safe or the equivalent. For plastic items not marked, check the manufacturer's recommendations.
- **Dishwasher detergent:** Use only detergent and rinse additives designed for an automatic dishwasher and keep them out of reach of children. Never use liquid detergent (for manual washing up), soap or laundry detergent in your dishwasher.
 - **DANGER!** Some dishwasher detergents are strongly alkaline and can be extremely dangerous if swallowed. Avoid contact with the skin and eyes.
 - **DANGER!** When the door of the dishwasher is open, make sure to keep children away from the dishwasher. Even after a wash there could still be detergent left inside. Make sure that the detergent compartment is empty after completion of the wash cycle.
- **Cleaning:** Unplug before cleaning and performing maintenance on the appliance. Use a soft cloth moistened with mild detergent for cleaning the appliance, and then use a dry cloth to wipe it again.
- **Do not modify** or not attempt to alter this appliance or its controls in any way.
- **Repair:** Do not attempt to take the unit apart. Apart from regular maintenance as described in this manual, this appliance is not designed to be dismantled by the user. In case of damage or malfunction, have the unit repaired by trained personnel only, or contact the after sales support line for advice.
- **Misuse:** Inappropriate use can result in property damage, injury or death. We assume no liability for misuse of the appliance or noncompliance with these instructions.

Product Overview

Scope of delivery



Product Overview (Cont.)

6 Place Dishwasher

- 1 Spray arm
- 2 Filter assembly
- 3 Dispenser
- 4 Cup rack
- 5 Basket
- 6 Cutlery rack
- 7 Water supply and drain hoses (not pictured)

Documentation (not pictured)

Instruction manual
Warranty card

NOTE: There is NO decorative door panel (front panel) included with this product. It will need to be supplied separately.

NOTE: Due to continued product improvement, images and illustrations in this manual may vary slightly from the product purchased. All images in this manual are for reference purposes only. Parts are not necessarily pictured to scale.

Product Overview (Cont.)

Control panel

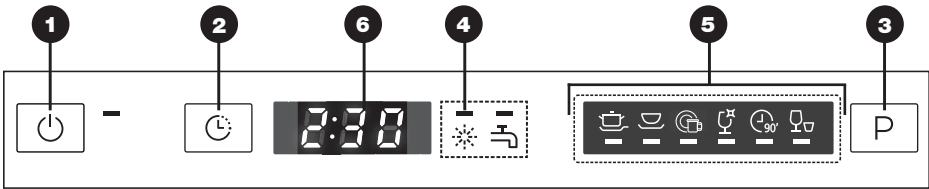












Table 1	Operation buttons	
1	POWER	Press this button to enter or exit the ready-to-use state.
2	DELAY	Press this button to increase the delay start time by one hour, up to 24 hours.
3	PROGRAM	Press this button to select the appropriate washing program, the selected program indicator will light up.

Product Overview (Cont.)

Table 2	Display indicators
<p style="text-align: center;">4 Warning indicators</p>	<p> Rinse aid When the  indicator is lit, the dishwasher is low on rinse aid and requires a refill.</p> <p> Water faucet When the  indicator is lit, the water faucet is closed.</p>
<p style="text-align: center;">5 Program indicators</p>	<p> Intensive For most heavily soiled crockery, such as pots, pans, casserole dishes and dishes that have been sitting with dried food on them for some time.</p> <p> Heavy For heavily soiled loads, such as pots, plates, glasses and lightly soiled pans.</p> <p> Normal This is the standard program. It is suitable for cleaning normally soiled loads, such as plates, glasses, bowls and lightly soiled pots and pans: the recommended daily wash program.</p> <p> Glass For cleaning glasses and lightly soiled crockery.</p> <p> 90 min For lightly soiled loads that need a quick wash.</p> <p> Rapid A shorter wash for lightly soiled loads that do not need drying.</p>
<p style="text-align: center;">6 Display</p>	<p>The screen will show the time left on the program, or any delay time that has been set. It can also show the current operation and any error messages. If a problem occurs during operation, a warning sound will play and an error message will appear. Refer to the “Error Codes” section in this manual (page 31).</p>

Installation

DANGER! Make sure your electrical power is disconnected before installing the dishwasher. Failure to do so can result in death or electric shock.

IMPORTANT! All relevant pipes and electrical equipment should be installed by licensed plumbers, electricians or dishwasher installers. Make sure to use new water supply and drain hoses; do not use old hoses.

IMPORTANT! Read this manual to familiarise yourself with all parts and operating principles. Pay particular attention to the safety instructions.

Unpacking the appliance

- This product has been packaged to protect it against transportation damage. Unpack the appliance but keep all packaging materials until you have made sure your new dishwasher is undamaged and in good working order.
- The packaging carton is recyclable. Whenever possible, reuse the carton and recycle it when disposing of the packaging materials.
- Plastic wrapping can be a suffocation hazard for babies and young children, so ensure all packaging materials are out of their reach, and dispose of them safely.
- The baskets inside the dishwasher are taped to secure them during transport. Remove any tape, ties and foam padding from inside the dishwasher.
- **IMPORTANT!** Using the loading instructions on page 21 for guidance, make sure all parts are properly installed inside the dishwasher.
- Unwind the cord to its full length and inspect it for damage. Do not use if damaged. In case of damage, contact our after sales support centre for advice.

Positioning the appliance

- Position the dishwasher close to an existing water inlet and drain connection and make sure there is a power point nearby, or in an adjoining cabinet.
- The back should rest against the wall behind it and the sides along any adjacent cabinets or walls.
- The dishwasher's water supply and drain hoses can be positioned either to the right or left sides to facilitate proper installation.
- Make sure the appliance does not stand on any water hoses or the power cable.

Installation (Cont.)

Attaching the decorative door panel (not included)

1. To install this unit into a cabinet, ensure that the aperture has the dimensions outlined below (Fig. 1 and Fig. 2).
2. The weight of the decorative door (front) panel should be between 3-4 kg. The dimensions should be as indicated below (Fig. 3).
3. If applicable, attach the handle to the decorative door panel (Fig. 4).

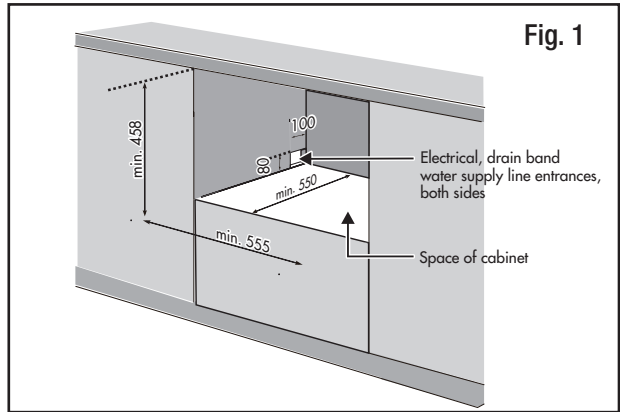


Fig. 1

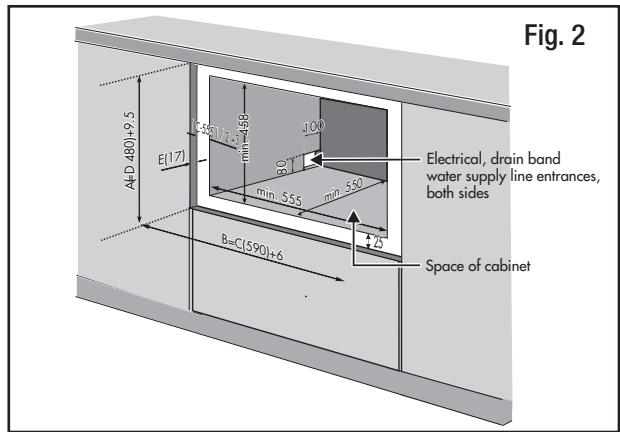


Fig. 2

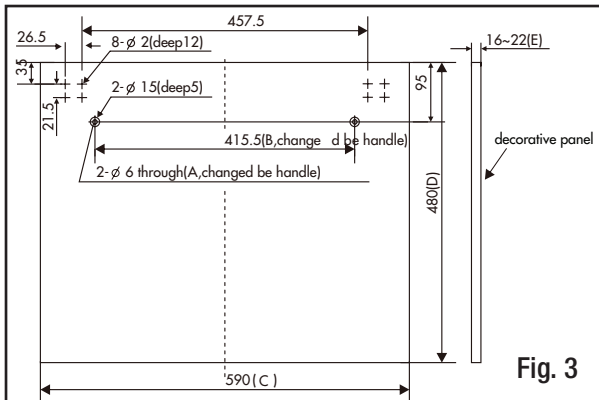


Fig. 3

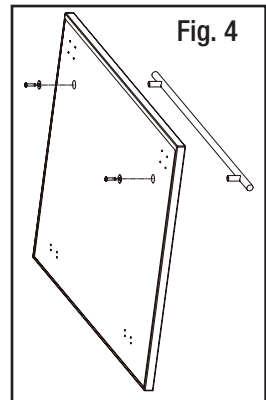
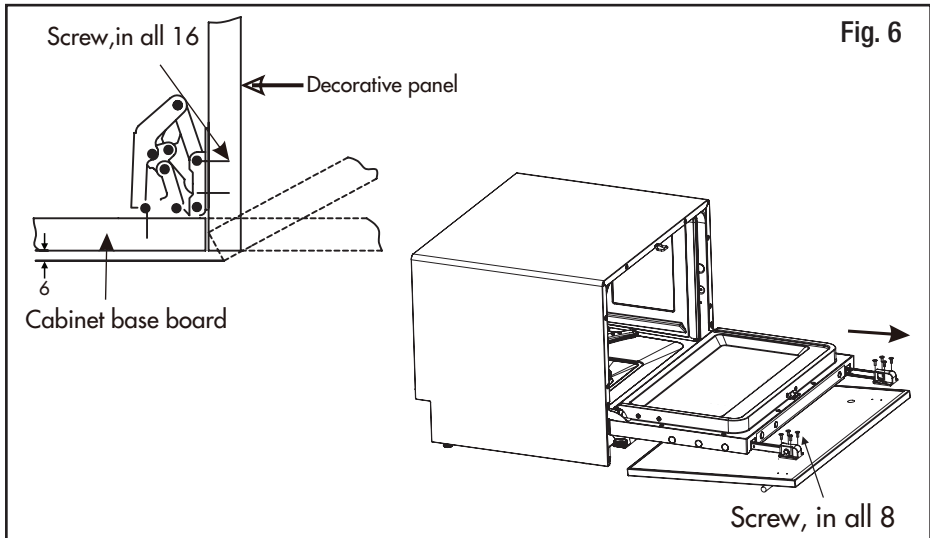
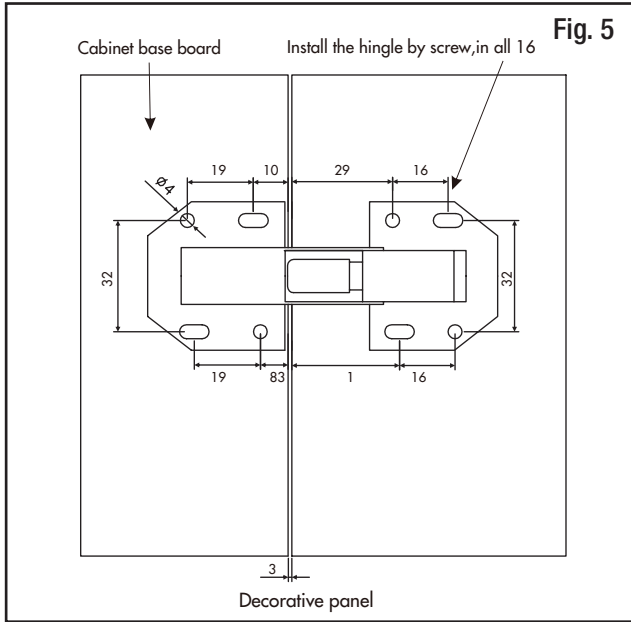


Fig. 4

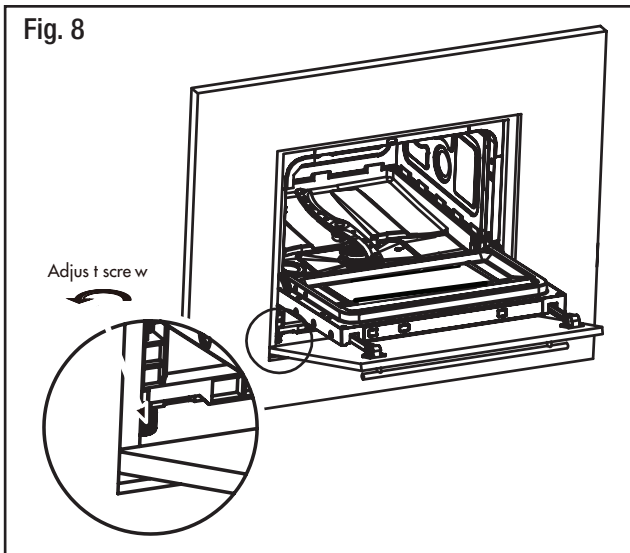
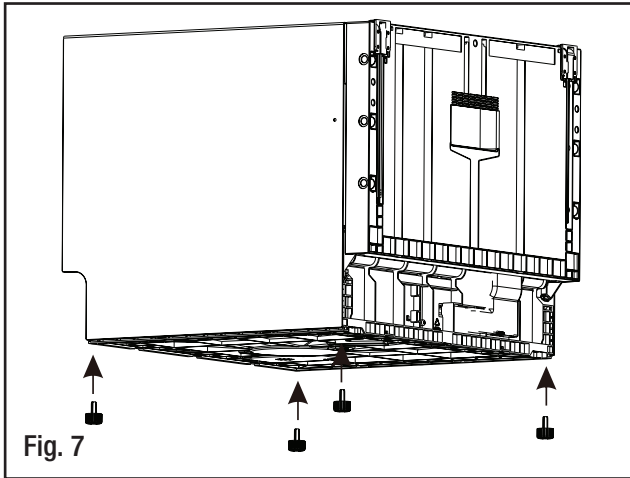
Installation (Cont.)

4. Assemble the decorative panel onto the dishwasher, by first installing a screw between the cabinet base board and decorative panel, then pull glide from out door groove, case 8-screw between decorative panels and glide (Fig. 5 and Fig. 6).



Installation (Cont.)

5. Install the adjustable feet into the unit base (Fig. 7).
6. Install the dishwasher into the aperture, then adjust the screw feet until the bottom of the panel is aligned to the aperture base, then close the dishwasher (Fig. 8).

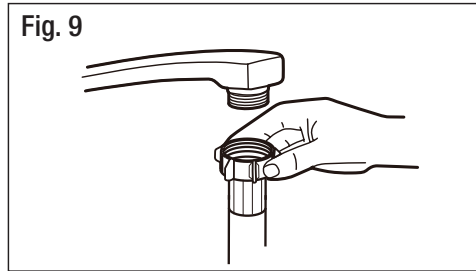


Please note: all measurements in Fig. 1 - Fig. 8 are in mm.

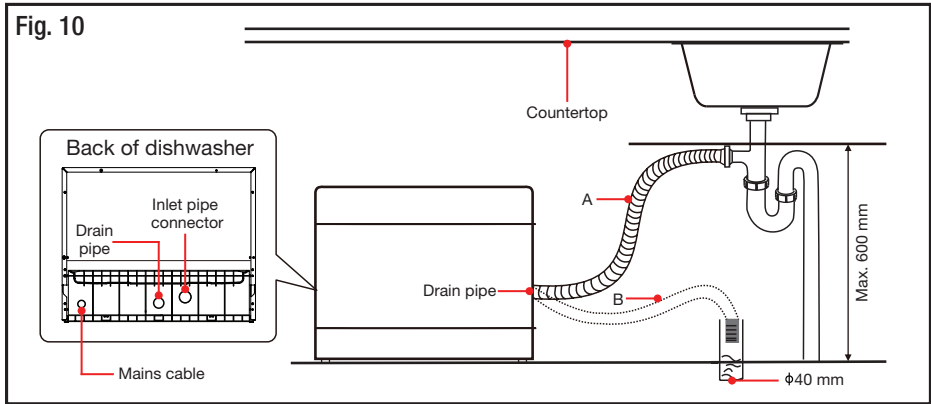
Installation (Cont.)

Cold water connection

- Connect the cold water supply hose to a threaded 3/4" connector. During use, the dishwasher will heat up the water to the required temperature. Make sure the hose is not kinked or squashed and is fastened tightly in place (Fig. 9).
- If the water pipes are new or have not been used for an extended period of time, let the water run to make sure it is clear and free of impurities. This step is necessary to avoid the risk of the water inlet being blocked and damaging the appliance.
- **WARNING!** Always close the water tap after using the dishwasher.

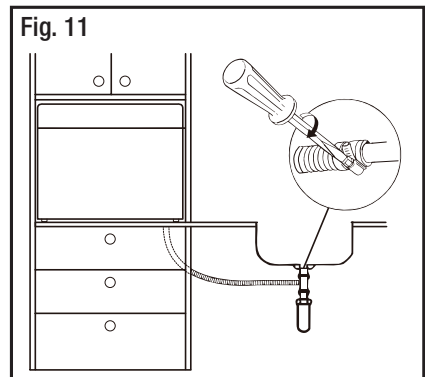


Installation (Cont.)



Drain hose connection

- The drain hose must be connected to the drain hose connector at the back of the dishwasher. Insert the drain hose into a drain pipe with a minimum diameter of 40 mm, or let it run into the sink, making sure to avoid bending, crimping or squashing it. The height of drain pipe must be less than 600 mm. The free end of the hose must not be immersed in water to avoid the backflow of water.
- Follow the illustration above (Fig. 10) when installing the drain hose connection according to option A or B.
- The drain hose must be correctly fitted in order to prevent water leaks. It should be connected at a height of no more than 1 m (maximum) and secured with a hose clip.
- If you need to drain any excess water from hoses and the sink is higher than 1 m from the floor, you will need to drain the excess water into a bowl or container held underneath the pipe and lower than the sink.
- If you need a drain hose extension, make sure to use a similar hose that is no longer than 4 metres, otherwise the cleaning effect of the dishwasher could be reduced.
- When attaching the drain hose to a drain pipe, use a clamp to fix them in place (Fig. 11).



Please note: This dishwasher does NOT include a decorative door panel (front panel). This must be selected and supplied by the installer.

Installation (Cont.)

Electrical connection

Make sure that the electrical voltage and circuit frequency in your home correspond to those indicated on the appliance rating label and that the electrical system is sized for the maximum voltage on the rating plate. This appliance requires a 10 A fused, copper-wired electrical supply. A time delay fuse or circuit breaker is recommended, as well as provision of a separate circuit serving only this appliance. A suitable power outlet should be located in an adjacent cabinet.

To connect the dishwasher, insert the plug into a properly earthed, easily accessible electrical socket. If the socket is not appropriate for the plug, replace the socket rather than use an adaptor or the like as such devices could cause overheating and burns.

WARNING!

- Do not use an extension cord or an adaptor with this appliance.
- Do not bend the power cord. Do not place the appliance on top of the cord.
- Do not modify the plug provided with this appliance. If it does not fit into your power point, have a suitable outlet installed by a qualified electrician.

Earthing

This appliance must be earthed. In the event of a malfunction or breakdown, earthing will reduce the risk of an electric shock by providing a path of least resistance for the electric current. This appliance is equipped with a cord having an equipment-earthing conductor and an earthing plug. The plug must be plugged into an appropriate outlet that is installed and earthed in accordance with all local standards and requirements.

WARNING!

- Ensure the outlet is properly earthed to the ground. If unsure, consult a qualified electrician or a service representative. Improper connection of the equipment grounding conductor can result in the risk of an electric shock if the appliance malfunctions.
- Do not, under any circumstances, cut or remove the third grounding prong from the power plug.







Installation (Cont.)

Before first use

After your new dishwasher has been installed, and before using it for the first time, make sure to check the following points to ensure safe and efficient operation:

- Is the dishwasher level and properly installed?
- Is the water tap open?
- Are the hose connections secured tightly and there is no leakage at either end?
- Are all electrical cords tightly connected?
- Is the power switched on at the power point?
- Are the inlet and drain hoses free of knots and kinks?
- Has all packing material been removed from the dishwasher?
- Is all product documentation stored safely for easy access?

Features

Table 3		Wash programs and cycles	
Program	Suitability	Cycles	
 Intensive	For most heavily soiled crockery, such as pots, pans, casserole dishes and dishes that have been sitting with dried food on them for some time.	Prewash (50°C) Wash (55°C) Rinse Rinse Rinse (70°C) Drying	
 Heavy	For heavily soiled loads, such as pots, plates, glasses and lightly soiled pans.	Prewash Wash (60°C) Rinse Rinse (70°C) Drying	
 Normal*	For normally soiled loads, such as plates, glasses, bowls and lightly soiled pots and pans: the recommended daily wash program.	Prewash Wash (47°C) Rinse Rinse (50°C) Drying	
 Glass	For glasses and lightly soiled crockery.	Wash (45°C) Rinse Rinse (50°C) Drying	
 90 mins	For lightly soiled loads that need a quick wash.	Wash (65°C) Rinse (70°C) Drying	
 Rapid	A shorter wash for lightly soiled loads that do not need drying. This program does not dispense any rinse aid.	Wash (70°C) Rinse Rinse (70°C) Drying	

* The Normal program was used for testing to the Australian standard AS/NZS 2007.1

Features (Cont.)

Detergent (pre / main)	Running Time (min.)	Energy (kWh)	Water (L)
5 / 17.5 g (or all-in-1)	140	0.85	9.7
5 / 17.5 g (or all-in-1)	120	0.65	7.8
5 / 17.5 g (or all-in-1)	135	0.45	7.4
22.5 g	70	0.65	6.0
22.5 g	90	0.65	7.0
15 g	30	0.32	5.8

Instructions

Loading the dishwasher

For best performance of your dishwasher, follow the loading guidelines in this manual.

ATTENTION: Before loading the dishwasher baskets:

It is not necessary to rinse the dishes under running water before you put them into the dishwasher. However, we recommend you scrape off any large amounts of leftover food and soften remnants of burnt food in pots and pans.

Place objects in the dishwasher in the following way:

- Hollow items such as cups, glasses, pots, pans, etc. should be placed upside down so water cannot collect in the container or in a deep base.
- Curved items, or items with recesses, should be loaded at a slant so water can run off.
- All utensils should be stacked securely so they cannot tip over.
- All dishes and utensils should be placed in a way so the spray arms can rotate freely during washing.
- Very small items should not be washed in the dishwasher as they could easily fall out of the basket(s) and obstruct moving parts.
- Dishes and items of cutlery should not lie inside one another, or cover each other.
- To avoid damage to glasses, they must not touch.
- **WARNING!** Long bladed knives stored upright are a potential hazard! Always position these and other sharp cutlery items horizontally on the cup/cutlery racks.
- Do not overload your dishwasher; it will hold a maximum of 6 standard place settings. This is important for better washing results and lowers energy consumption.

Protecting your glass and tableware

Much of today's tableware is dishwasher safe. However, not everything can be washed safely in a dishwasher. The chemical composition of your dishwasher detergent or the water temperature and duration of the wash program may adversely affect some materials. To protect your special cutlery, glass and tableware from damage, select a wash program with as low a temperature as possible (see pages 18-19 for program details).

We recommend you do not wash in a dishwasher the items listed below, and take special care with items deemed of limited suitability. And when buying new dishes, glassware, porcelain or cutlery, look for products labelled dishwasher safe.

Not suitable for the dishwasher: cutlery with wooden, china or mother-of-pearl handles; plastic items that are not heat resistant; older cutlery with glued parts that are not temperature resistant; bonded cutlery items or dishes; pewter or copper items; lead crystal glass; steel items subject to corrosion (rusting); wooden platters.

Of limited suitability: some types of glasses can become dull with frequent machine washing; items made of silver and aluminium tend to discolour from machine washing; glazed patterns may fade with frequent machine washing.

Instructions (Cont.)

Loading the dishwasher basket

In order to maximise the performance of this dishwasher, please place the soiled plates with the dirtier side facing towards the spray arm. Ensure that no tableware sticks through the bottom of the basket to avoid blocking the moving spray arm.

In order to allow the detergent dispenser to open freely, do not place any dishes with a diameter of more than 19 cm in front of it. For guidance on loading this appliance, see Fig. 12.

Fig. 12

Number	Item
1	Cups
2	Saucers
3	Glasses
4	Dessert dishes
5	Dinner plates
6	Soup plates
7	Cutlery basket

Loading the cutlery basket

When placing the cutlery into the rack, ensure that they do not nest together. Place silverware with the handles facing down, except for knives (and other potentially dangerous utensils), which should be placed with their handles facing upwards. See Fig. 13 for guidance.

Fig. 13

Number	Item
1	Soup spoons
2	Forks
3	Knives
4	Teaspoons
5	Dessert spoons

WARNING!

- Do not let any item extend through the bottom of the basket.
- Always load sharp utensils with the sharp point down.



Instructions (Cont.)

Dishwasher detergent

WARNING!

- Only use detergent specifically made for use in dishwashers.
- Always add detergent just before starting the dishwasher, otherwise it could get damp and will not dissolve properly. **It is also a hazard to leave detergent in the dispenser where children can reach it when the door is open.**
- **Dishwasher detergent is corrosive! Take care to keep it out of reach of children.**

Dishwasher detergents have chemical ingredients that remove dirt, food and germs and transport them out of the dishwasher. Most commercially sold dishwasher detergents are suitable for this purpose; they come in powder or tablet form.

Based on their chemical composition, dishwasher detergents can be split into two basic types: conventional, alkaline detergents with caustic components and low alkaline, concentrated detergents with enzymes.

Concentrated detergent

Using an “eco” washing program together with a concentrated detergent is better for the environment and good for your dishes; such wash programs are specifically matched to the dirt-dissolving properties in the enzymes of concentrated detergent. For this reason, an “eco” wash program in which a concentrated detergent is used can achieve the same results that otherwise only an “intensive” program can achieve.

Detergent tablets

Detergent tablets of different brands dissolve at different speeds; some cannot dissolve and develop their full cleaning power during short wash programs.

To ensure the complete removal of detergent residues, we recommend choosing longer wash programs when using dishwasher detergent tablets.

Instructions (Cont.)

The detergent dispenser

Fig. 14: Push latch to open

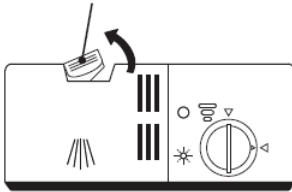
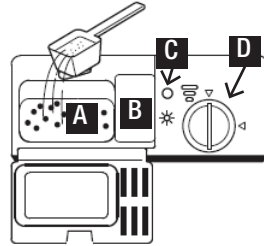


Fig. 15



Adding detergent

The table on pages 18-19 lists the recommended amounts of detergent, generally around 15–22.5 g. However, water hardness and soiling levels affect the amount of detergent required, and there are various types of detergent tablet on the market, so always follow the detergent manufacturer's recommendations on dosage.

- Before the start of each wash cycle fill an appropriate amount of detergent (or a detergent tablet) into the detergent dispenser. If the lid is closed, press the latch (Fig. 14) and the lid will spring open.
- For each wash cycle, fill dishwasher detergent (or a detergent tablet) into the detergent dispenser compartment (Fig. 15-A). If you are washing more heavily soiled dishes or using a program with a prewash cycle, also fill some detergent in compartment (15-B), if using powder detergent.
- Unless you use a detergent tablet with rinse aid, make sure there is sufficient liquid rinse aid in the rinse aid dispenser. Check the mechanical indicator (15-C), or the electronic indicator on the control panel. (See pages 24-25 for more on rinse aid.)
- Close the lid of the detergent dispenser and press until you hear it lock in place.

Instructions (Cont.)

Rinse aid

Rinse aid is automatically released during the last rinse to prevent water from forming droplets on your dishes, which can leave spots and streaks. It also improves drying by allowing water to roll off the dishes. Your dishwasher is designed to use liquid rinse aid.

CAUTION!

Only use specific, branded rinse aid for your dishwasher. Never fill the rinse aid dispenser with any other substances (e.g. dishwasher cleaning agent, liquid detergent) as this could damage the appliance.

Filling the rinse aid dispenser

The rinse aid dispenser is located inside the door next to the detergent dispenser. It holds about 140 mL.

Fig. 16: Turn anticlockwise to open

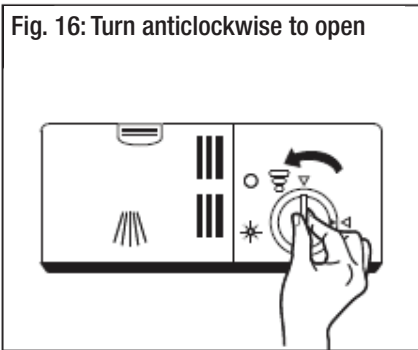
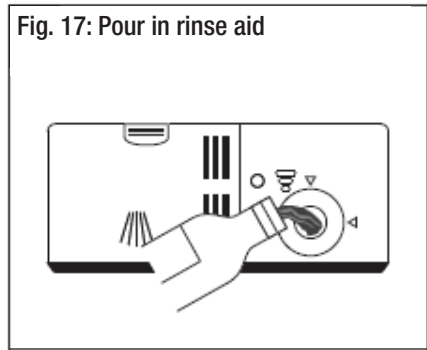
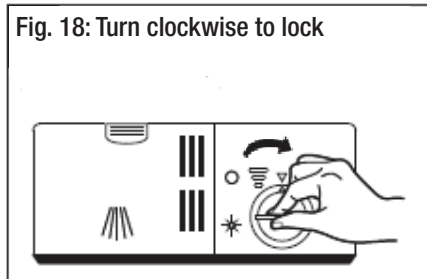


Fig. 17: Pour in rinse aid



- To open the dispenser, turn the cap in anticlockwise direction (left) and lift it out (Fig. 16).
- Carefully pour rinse aid into the dispenser until the level indicator turns completely black (Fig. 17). Take care not to overfill.
- Replace the cap in the opening and turn it clockwise (right) to close the dispenser (Fig. 18).

Fig. 18: Turn clockwise to lock



CAUTION!

Clean up any rinse aid spilled while filling with an absorbent cloth or paper towel to avoid excessive foaming during the next wash.

Do not forget to replace the cap before you close the dishwasher door.

Instructions (Cont.)

When to refill the rinse aid dispenser

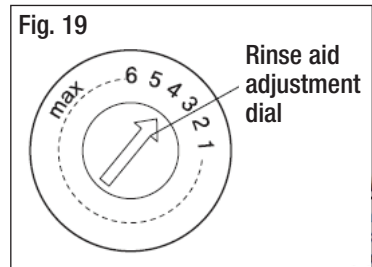
Fill the rinse aid dispenser when the warning light on the control panel comes on. Alternatively, you can estimate the amount of rinse aid left in the dispenser by the colour of the optical level indicator, which is located next to the cap (see Fig. 15-C on page 23). When the rinse aid container is full, the whole indicator will be dark. As the rinse aid diminishes, the size of the dark dot decreases, as indicated below. Never let the rinse aid level fall below 1/4 full.

- Full
- 3/4 Full
- 1/2 Full
- 1/4 Full - refill now to prevent spotting
- Empty

Adjusting the rinse aid dose

When you remove the cap from the rinse aid dispenser (Fig. 16), the dosage dial with six settings will be visible.

- Always start with the dispenser set on “4”, as illustrated (Fig. 19). If spots and poor drying are a problem, increase the amount of rinse aid dispensed by rotating the dial to “5”. If the dishes still are not drying properly or are showing spots, adjust the dial to level “6”.
- **Increase** the dose if there are drops of water or lime spots on the dishes after the wash.
- **Reduce** the dose if there are sticky whitish streaks on your dishes or a bluish film on glassware or knife blades.



NOTE

If you are using detergent tablets that contain a rinse aid, you do not need to add liquid rinse aid and can ignore the rinse aid warning light when it comes on.

Instructions (Cont.)

Running the dishwasher

Starting a wash program

- Open the door and draw out the basket. Remove the cutlery basket and load your cutlery, before placing this back into the main basket. Load your dishes and push the basket back into place in the dishwasher (see page 21 for details).
- Add dishwasher detergent according to the instructions (see pages 22-23).
- Unless you use dishwasher detergent tablets that contain a rinse aid, make sure there is sufficient liquid rinse aid in the rinse aid dispenser (see pages 24-25).
- Insert the plug into a suitable power socket (the power supply is 240 V ~ 50 Hz) and make sure the water supply is turned on to full pressure.
- Press the **POWER** button on the dishwasher control panel (see page 8).
- Press the **PROGRAM** button, repeatedly, to select the desired wash program from the following: Intensive - Heavy - Normal - Glass - 90 mins - Rapid
The selected program's indicator light will illuminate (see page 9).
- Close the dishwasher door, making sure you hear a click when it closes properly. The cycle will start automatically.
- At the end of the program, the machine will enter standby state and switch off automatically after 30 minutes if there is no other operation.
NOTE: We recommend you open the door slightly (about 5 cm) to assist in drying of the dishes after every wash.

Setting a delayed start

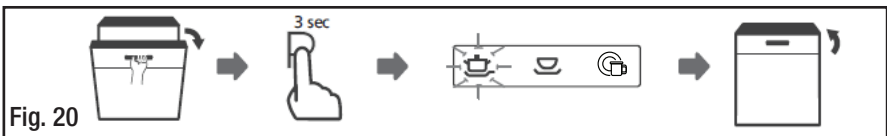
- Press the **DELAY** button, repeatedly, to increase the delay start time. You can delay a cycle for up to 24 hours in one-hour increments.

Changing a program

If you want to change the wash program, you must do so soon after the start, otherwise the detergent may have already been released and the wash water drained, in which case you must refill the detergent dispenser (see pages 18-19).

- Open the door very slowly to pause the machine.
- Press and hold the **PROGRAM** button for more than three seconds to cancel the current program.
- Press the **PROGRAM** button, repeatedly, and select a different program.
- Close the door to start washing after 10 seconds.

WARNING! It is dangerous to open the door mid-cycle as hot water or steam may escape and scald you. Open the door very slowly and carefully.



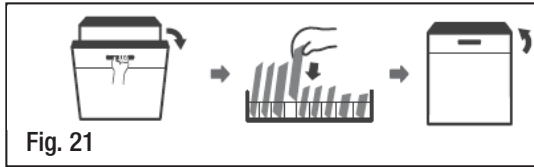
Instructions (Cont.)

Forgot to add a dish?

Additional dishes can be added any time before the detergent dispenser opens.

- Open the door very slowly to pause the washing.
- Add additional dishes.
- Close the door. It will start running again after 10 seconds.

WARNING! It is dangerous to open the door mid-cycle as hot water or steam may escape and scald you. Open the door very slowly and carefully.



At the end of the wash program

The machine will enter standby state at the end of the program.

- If there is no other operation, the dishwasher will switch off automatically 30 minutes after the end of the program. Alternatively, you may press the **POWER** button to shut down the unit.
- Open the door — take care when opening the door as hot steam may escape.
- Leave the door ajar and wait at least a few minutes before unloading the dishwasher to avoid handling the dishes and utensils while they are still hot and more susceptible to breakage. They will also dry better. We recommend allowing dishes to cool for around 15 minutes before removing them from the dishwasher.
- It is normal that the dishwasher is wet inside. You may wipe the inside of the door with a dry cloth or leave the door slightly ajar for moisture to evaporate.

NOTE: If you are not going to use the dishwasher for a period of time, please shut off the water supply.

FAQs and Troubleshooting Guide

The table below lists possible causes and solutions for common problems you may encounter with the dishwasher. If you follow all the instructions below but still cannot solve a problem, please contact our after sales support centre.

Table 4		Troubleshooting guide	
Problem		Possible cause	Solution
Technical problems	The dishwasher does not start.	The fuse is blown or the circuit breaker is activated.	Replace the fuse or reset the circuit breaker. Unplug any other appliances on the same circuit with the dishwasher.
		The power supply is not turned on.	Ensure the power and the dishwasher are turned on, the cord is properly plugged in and the door is closed securely.
		The water pressure is low.	Check that the water supply is connected properly and the water is turned on.
		The dishwasher door is not properly closed.	Close the door properly and latch it.
	Water is not pumped out.	Kink in the drain hose.	Check the drain hose and ensure there are no kinks.
		The filter is clogged.	Check and clean the coarse filter.
		The kitchen sink is clogged.	Check and ensure the kitchen sink drains well. If the problem is the kitchen sink not draining, you may need a plumber rather than a dishwasher service technician.
Noise problems	Some audible sounds are normal, such as sound from water spraying, food remnants being shredded and the detergent dispenser opening.		
	Knocking noise in the wash tub	A spray arm is knocking against an item in a basket.	Interrupt the program and rearrange the items that are obstructing the spray arm.
	Rattling noise in the wash tub	Utensils are not secure in the baskets or something small has dropped out of the baskets.	Interrupt the program and rearrange the loose crockery/cutlery items.
	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 the dishwasher function. If in doubt, contact a suitably qualified plumber.

FAQs and Troubleshooting Guide (Cont.)

Table 4		Troubleshooting guide	
Problem		Possible cause	Solution
General problems	Suds in the tub	Inappropriate detergent	Use only specific dishwasher detergent to avoid suds. If this occurs, open the dishwasher and let the suds evaporate. Add 3–4 litres of cold water to the tub, close the door securely, then run any program. The dishwasher will drain out the water at the first step. Open the door after draining has stopped and check if the suds have disappeared. Repeat, if necessary.
		Spilled rinse aid	Always wipe up rinse aid spills immediately.
		A small amount of clean water around the outlet on the tub bottom is normal. It keeps the water seal lubricated.	
	White film on inside surface of the tub	Hard water minerals	To clean the interior, use a dishwasher cleaner made specially for that purpose, or use a damp sponge with dishwasher detergent and wear rubber gloves.
	Rust stains on cutlery	The affected items are not corrosion resistant.	Cutlery must be corrosion resistant and dishwasher safe.
Unsatisfactory washing result	Dishes are not clean.	Wrong program selection	Select a more intensive wash program.
		Improper basket loading	Make sure the action of the detergent dispenser and spray arms are not blocked by large tableware.
		The filters are not clean, or incorrectly fitted, which may cause the spray arm jets to get blocked.	Clean and/or fit the filter assembly correctly. Clean the spray arm jets.
	Cloudiness on glassware	Combination of soft water and too much detergent	Use less detergent if you have soft water, and select a shorter program when washing glassware.
	Black or grey marks on dishes	Aluminum utensils have rubbed against dishes.	Use a mild abrasive cleaner to eliminate those marks. Avoid washing aluminium utensils in the dishwasher.
	Detergent left in dispenser	Incorrectly loaded dishes prevent the detergent cover from opening.	Reload the dishes properly to ensure nothing is blocking the detergent cover.

FAQs and Troubleshooting Guide (Cont.)

Table 4		Troubleshooting guide	
Problem		Possible cause	Solution
Unsatisfactory drying result	Dishes are not dried.	Improper loading	Load the dishwasher as suggested in this manual.
		Too little rinse aid	Increase the amount of rinse aid. Remove the cap from the rinse aid dispenser and set the dosage dial to a higher number.
		No rinse aid	Refill the rinse aid dispenser.
		Dishes are removed too soon after the program has finished.	Do not empty your dishwasher immediately after washing. Open the door slightly so that the steam can escape. Wait at least 15 minutes before unloading. Only start unloading the dishwasher when the dishes are barely warm to the touch.
		Wrong program selection	In shorter programs the rinse temperature is generally lower. This also lowers the drying performance. Choose a longer program with a higher rinse temperature.
		Use of cutlery with a lower-quality coating	Water drainage is more difficult with these items. Cutlery or dishes of this type are not suitable for washing in the dishwasher.

FAQs and Troubleshooting Guide (Cont.)

Error codes

When there is a malfunction, some of the indicator lights on the control panel will start flickering in order to warn you that something is wrong.

Table 5 Error codes		
Code	Meaning	Possible cause
E1	Longer inlet time	Faucet is not opened, or water intake is restricted, or water pressure is too low — check and ensure the faucet is open and your water pressure is normal.
E3	Not reaching required temperature	Malfunction of heating element — call for service.
E4	Overflow	Some element of the dishwasher leaks — call for service.

WARNING!

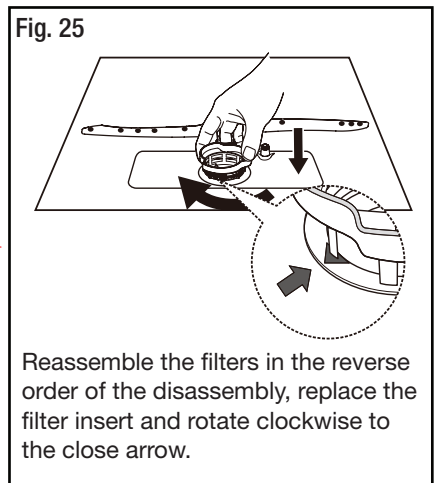
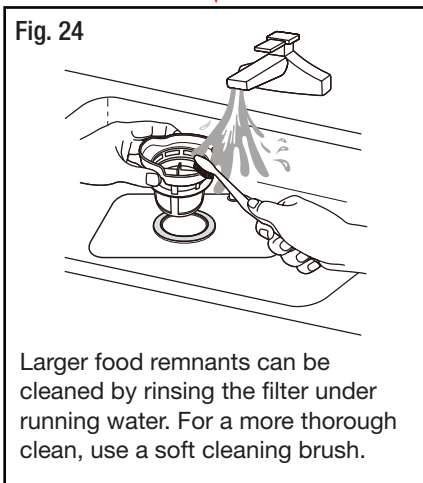
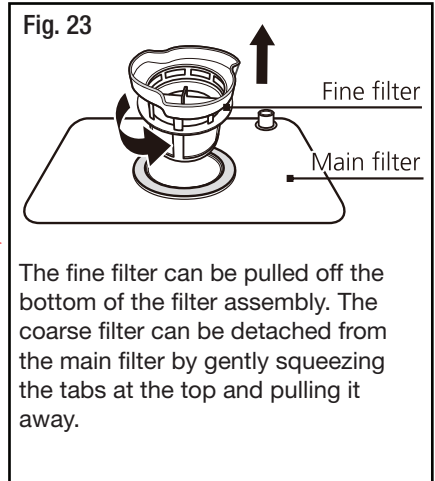
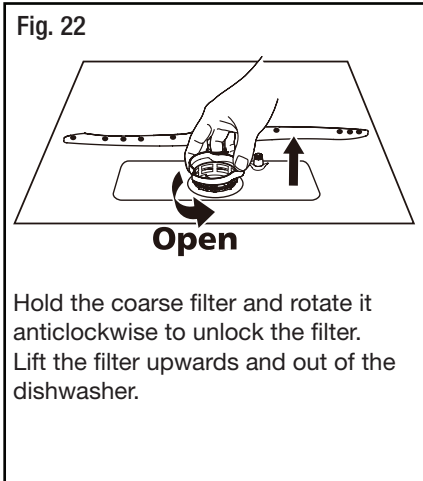
- If the code indicates a malfunction, overflow or leakage, shut down the dishwasher, turn off the power and close the water supply. Then call our after sales support center for advice, or contact a suitably qualified service technician
- If there is water in the base of the tub because of an overfill or small leak, make sure to remove the water before restarting the dishwasher.

Other Useful Information

The filter system

The filter system in the base of the wash cabinet efficiently removes food particles from the wash water, allowing it to be recycled during the wash. It prevents larger remnants of food or other objects from getting inside the pump.

The filter system consists of three filters: a coarse filter, main filter and fine filter. To remove and clean the filter system, proceed as follows (Fig. 22-25):



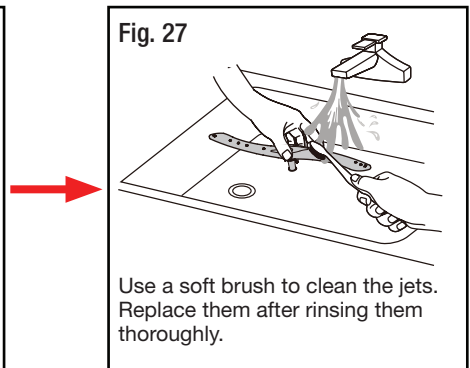
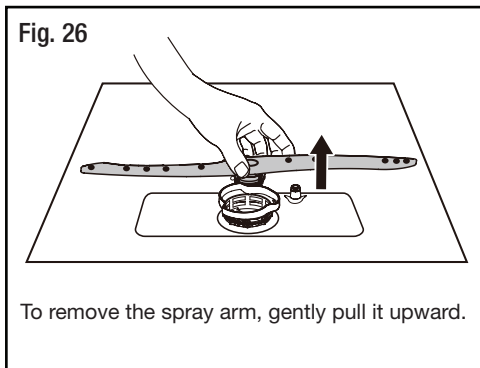
Other Useful Information (Cont.)

WARNING!

- When cleaning the filters take care not to contort their shape, which could compromise the washing performance.
- Do not overtighten the filters. Put the filters back in sequence securely, otherwise coarse debris could get into the system and cause a blockage.
- Never use the dishwasher without the filters. Improper replacement of the filters may reduce the washing performance and damage dishes and utensils.

Cleaning the spray arms

The spray arms should be cleaned regularly to prevent clogging of the jets and bearings due to limescale or other hard water chemicals. Proceed as follows (Fig. 26-27):



Cleaning the exterior of the appliance

Clean the door seals regularly with a soft damp cloth to remove food deposits.

When the dishwasher is being loaded, food and drink residues may drip onto the sides of the dishwasher door. These surfaces are outside the wash cabinet and are not accessed by water from the spray arms. It is therefore important that you wipe off any deposits before you close the door.

If the control panel is dirty, wipe it with a soft, damp cloth only and dry thoroughly.

CAUTION!

- To prevent penetration of water into the door lock and electrical components, do not use a spray cleaner of any kind.
- Never use sharp objects, harsh or abrasive cleaners or scouring pads on any dishwasher surface because they will scratch the finish. Some papers towels may also scratch or leave marks on the surface.

Other Useful Information (Cont.)

Looking after your dishwasher

- **After every wash**, turn off the water supply to the appliance and leave the door slightly ajar so moisture and odours are not trapped inside.
- **Before cleaning** or performing maintenance, always unplug the dishwasher from the socket.

No solvents or abrasive cleaning

- To clean the exterior and rubber parts of the dishwasher, do not use solvents or abrasive cleaning products. Only use a cloth with warm, soapy water.
- To remove spots or stains from the surface of the interior, use a cloth dampened with water and a little white vinegar, or a cleaning product made specifically for dishwashers.
- Clean the door seals periodically with a damp sponge to remove any trapped food remnants and prevent odours developing inside the dishwasher.

In special situations

Going on holidays

When your dishwasher is not going to be used for some time, we recommend you run a wash cycle with the dishwasher empty and then unplug the dishwasher from the socket, turn off the water supply and leave the door slightly open. This will help with door seal durability and odour prevention inside the appliance.

Moving the dishwasher

If you must move the dishwasher, try to keep it in a vertical position. Only put it on its back if absolutely necessary.

Frost protection

If your dishwasher is left in an unheated place during winter and temperatures are likely to drop to below zero degrees Celsius, you should take certain precautions to prevent water freezing in the pipes. Unplug the dishwasher from the electrical power supply and turn off the water supply. Then ask an authorised service technician to:

- Disconnect the water inlet pipe from the water valve.
- Drain any water from the inlet pipe and water valve (use a pan to catch the water).
- Reconnect the water inlet pipe to the water valve.
- Remove the filter assembly from the bottom of the dishwasher and wipe up any water left in the sump with an absorbent sponge.

If your dishwasher does not work because of ice, contact a qualified service technician.

Other Useful Information (Cont.)

Service, repair and spare parts

If the appliance is damaged, do not attempt to repair it yourself. Do not disassemble or modify the appliance. If it requires repair or service, please contact our after sales support centre to arrange for a service.

For more information about spare parts for the dishwasher, please contact our after sales support centre at tempo.org/support or on 1300 886 649.

Technical specifications

Table 6	Specifications
Model Number	HV-D6FI
Capacity	6 place settings
Rated voltage/frequency	220–240 V~ 50 Hz
Power consumption	1170–1380 W
Standard cleaning cycle	Normal
Energy consumption of the standard cleaning cycle	0.45 kWh
Water consumption of the standard cleaning cycle	7.4 L
Water pressure (flow pressure)	0.04–1.00 MPa = 0.4–10 bar
Height (without decorative door panel)	452 mm
Width (without decorative door panel)	550 mm
Depth (without decorative door panel)	with door closed: 518 mm with door open 90°: 812 mm
Weight (without decorative door panel)	approx. 19.5 kg



The RCM Mark (Regulatory Compliance Mark) indicates that the product complies with the relevant guidelines of the ACMA as well as corresponding government requirements for the safety of electrical devices.

Compliance

This product has been fully tested and meets all requirements as set out by standards AS/NZS 60335.1 and AS/NZS 60335.2.5.

Other Useful Information (Cont.)

Responsible disposal



Packaging materials are recyclable. Please dispose of them responsibly for recycling.



At the end of its working life, do not throw this appliance out with your household waste. Electrical and electronic products contain substances that can have a detrimental effect on the environment and human health if disposed of inappropriately. Observe any local regulations regarding the disposal of electrical consumer goods and dispose of it appropriately for recycling.

Contact your local authorities for advice on recycling facilities in your area. Or find recycling scheme services listed on Planet Ark's website at www.recyclingnearyou.com.au, or call Planet Ark on 1300 733 712.

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Warranty returns

Should you for any reason need to return this product for a warranty claim, make sure to include all accessories with the product.

Product does not work?

If you encounter problems with this product, or if it fails to perform to your expectations, make sure to contact our After Sales Support Centre on 1300 886 649 for advice.

For an electronic copy of this manual, please contact our after sales support centre.

Distributed by Tempo (Aust) Pty Ltd ABN 70 106 100 252

PO BOX 132, Frenchs Forest NSW 1640, Australia

Customer Helpline:

(AU) 1300 886 649 (NZ) 0800 836 761

Web Support: tempo.org/support