



## Whynter Countertop Portable Dishwasher 6 place setting LED EnergyStar - White

Model # : CDW-6831WES

### INSTRUCTION MANUAL



Congratulations on your new Whynter product. To ensure proper operation, please read this Instruction Manual carefully before using this product. Keep this manual in a safe place for future reference.

## Table of Contents

---

	<b>PAGE</b>
Important Safety Precautions	<b>3 - 6</b>
Technical Information	<b>7</b>
Control Panel / Dishwasher Parts	<b>8</b>
Installation Instructions	<b>9 - 12</b>
Using the dishwasher	<b>13 - 16</b>
Loading the dishwasher	<b>16 - 17</b>
Starting a Program	<b>18 - 21</b>
Maintenance and Cleaning	<b>22</b>
Caring for the dishwasher	<b>23</b>
Troubleshooting Tips / Error Codes	<b>24 - 25</b>
Warranty Information	<b>26</b>

## Important Safety Precautions

### READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

**▲ WARNING** For your safety, the information in this manual must be followed to minimize the risk of fire, explosion, electric shock, and to prevent property damage, personal injury, or death.

#### **▲ WARNING** PROPER INSTALLATION AND MAINTENANCE

This dishwasher must be properly installed and located in accordance with the Installation Instructions before it is used. If you did not receive an Installation Instructions guide with your dishwasher, you can download a copy by visiting our website at [www.whynter.com](http://www.whynter.com).

- Connect the dishwasher/appliance to a grounded metal, permanent wiring system; or run an equipment-grounding conductor with the circuit conductors and connect to the equipment-grounding terminal or lead of the appliance.
  - Do not attempt to repair or replace any part of your dishwasher unless it is specifically recommended in this manual. All other servicing should be referred to the manufacturer.
  - Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service representative if you are in doubt whether the appliance is properly grounded.
  - To minimize the possibility of electric shock, disconnect this appliance from the power supply before attempting any maintenance.
  - Dispose of discarded appliances and shipping or packing material properly.
- NOTE: Turning the dishwasher off does not disconnect the appliance from the power supply.

#### **▲ WARNING** WHEN USING YOUR DISHWASHER, FOLLOW BASIC PRECAUTIONS, INCLUDING THE FOLLOWING:

- Use this appliance only for its intended purpose as described in this Owner's Manual.
- Do not operate your dishwasher unless all enclosure panels are properly in place.
- Use only detergents or drying agents recommended for use in a dishwasher and keep them out of reach of children. Using a detergent that is not specifically designed for dishwashers will cause the dishwasher to fill with suds.
- Do not tamper with controls.
- Locate sharp items away from the door seal to avoid damage.
- Do not abuse, sit on or stand on the door or dish rack of the dishwasher.
- Load sharp knives with the handles up to reduce the risk of cut-type injuries.
- To reduce the risk of injury, do not allow children to play with, on or inside this appliance at any time.
- Do not wash plastic items unless marked dishwasher-safe or the equivalent.
- Do not store or use combustible materials including gasoline or other flammable liquids or vapors in the vicinity of this or any other appliance.
- Do not touch the heating element during or immediately after use.
- Small parts, such as rack clips and filter retaining posts, can be a choke hazard to small children if removed from the dishwasher. Keep out of reach of small children.

READ AND SAVE THESE INSTRUCTIONS

## Important Safety Precautions

### READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

#### **▲ WARNING** WATER HEATER SAFETY

Under certain conditions, hydrogen gas may be produced in a water heater that has not been used for two or more weeks.

#### **HYDROGEN GAS IS EXPLOSIVE.**

If the hot water has not been used for two or more weeks, prevent the possibility of damage or injury by turning on all hot water faucets and allowing them to run for several minutes. Do this before using any electrical appliance connected to the hot water system. This simple procedure will allow any built-up hydrogen gas to escape. Since the gas is flammable, do not smoke, use an open flame, or use the appliance during this process.

#### **▲ WARNING** RISK OF CHILD ENTRAPMENT

#### **PROPER DISPOSAL OF THE DISHWASHER**

An empty dishwasher can be dangerous for children and small animals. If disposing of the dishwasher, remove door gasket, latch, and the entire dishwasher door from your unused appliance so that children or small animals cannot be trapped inside.

#### **▲ WARNING** TO PREVENT MINOR INJURY AND PROPERTY DAMAGE

- During or after wash cycle, contents may be hot to the touch. Use care before handling.
- Non-Dishware Items: Do not wash items such as electronic air cleaner filters, furnace filters and paint brushes in your dishwasher. Damage to the dishwasher and discoloration or staining of the dishwasher may result.
- Close supervision is necessary if this appliance is used by or near children. Do not allow children to play around the dishwasher when closing the door, or while adjusting the basket due to the possibility of small fingers being pinched.
- Load light-weight, dishwasher-safe plastic items so they do not become dislodged and drop at the bottom of the dishwasher—they might come into contact with the spray arms and heating element and be damaged.

#### **▲ WARNING** ELECTRICAL REQUIREMENTS

- This appliance must be supplied with 120V, 60 Hz, and connected to an individual, properly grounded branch circuit, protected by a 15 or 20 amp circuit breaker or time-delay fuse.
- If the electric supply provided does not meet the above specifications, it is recommended that a licensed electrician install an approved outlet.
- Your dishwasher circuit should not be used for any other appliance while the dishwasher is in operation as the dishwasher requires the full capacity of the circuit.

#### **▲ NOTICE**

- If your dishwasher is connected to a wall switch, ensure that the switch is on prior to use.
- If you choose to turn the wall switch off between wash cycles, allow 5-10 seconds after turning the switch on before touching Start to allow the control to initialize.

**READ AND SAVE THESE INSTRUCTIONS**

## Important Safety Precautions

### READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

#### **▲WARNING** EXTENSION CORD

Because of potential safety hazards, it is strongly recommended that you do not use an extension cord with this appliance. However, if you must use an extension cord, it is absolutely necessary that it be a UL/CUL-Listed, 3-wire grounding type appliance extension cord having a grounding type plug and outlet and that the electrical rating of the cord be 15 amperes and 115 volts. Failure to follow these instructions can result in fire, electric shock, or death.

#### **▲WARNING** OTHER GENERAL SAFETY PRECAUTIONS

- Never clean appliance parts with flammable fluids. The fumes can create a fire hazard. Do not use an excessively wet cloth, industrial solvents, and oil-based products to clean this appliance.
- To clean, use only mild detergents. Never use harsh chemicals or solvents.
- Children should be supervised to ensure that they do not play with the appliance.
- Ensure the appliance is unplugged before cleaning, transporting, or if not in use.
- If the power 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.
- Use the appliance only for its intended function. This appliance is designed for household, non-commercial use only. Any other use will void the warranty.
- Do not plug this appliance into the power source before setup is completed.
- This unit is an electrical appliance. To avoid serious injury from electrical shock, do not operate with wet hands, while standing on a wet surface, or while standing in water.
- To avoid the risk of shock, the product should never be used in bathrooms, shower rooms, or in any other steamy or wet areas.
- During installation, the power supply must not be excessively or dangerously bent or flattened.
- Make sure the power plug is placed fully and firm into the power source. If the wall receptacle you intend to use is not adequately grounded or protected by a time delay fuse or circuit breaker, have a qualified electrician install an outlet that is appropriate to local electrical codes and requirements.
- Do not use multiple socket or an extension cord as it may overheat and become a risk of fire. Please ensure that the dishwasher is plugged directly into the electrical outlet.
- The cord should be secured behind the unit and should not be left exposed or dangling.
- Make sure the power plug is clean before usage.
- The appliance is equipped with a three-prong grounded plug on the power cord for your protection. Never modify, remove or attempt to repair the power plug yourself.
- Never pull the power cord to disconnect the unit from an outlet. Grasp the plug directly and pull it from the outlet.
- Never lift or carry the dishwasher by the power cord.
- Do not abuse, sit on, or stand on the appliance.
- Do not place items or sit/stand on top of the dishwasher/

**READ AND SAVE THESE INSTRUCTIONS**

## Important Safety Precautions

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

### **▲ WARNING** OTHER GENERAL SAFETY PRECAUTIONS

- Keep the power cord away from heated surfaces.
- Transport the appliance in an upright position only.
- Close the appliance door when not in use.
- Place your appliance on a hard and level floor that is strong enough to support it when it is fully loaded.
- Do not turn the dishwasher upside down, on its side, or 45° or more off level.
- Keep fingers out of the “pinch point” areas; clearances between the doors and between the doors and cabinet are necessarily small. Be careful closing doors when children are in the area
- Do not move the dishwasher without securing the door in a closed and latched position.

READ AND SAVE THESE INSTRUCTIONS

## Technical Information

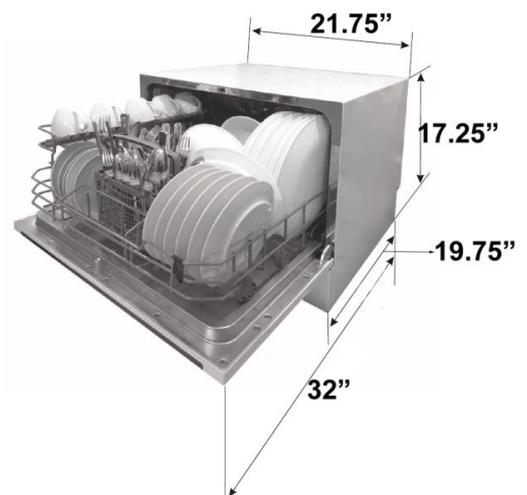
Free up your washing chores with the Whynter Countertop Portable Dishwasher. This countertop portable dishwasher can accommodate up to 6 place settings and is designed to fit between most countertop and cabinetry.

The Whynter CDW-6831WES features a durable stainless steel interior walls for maximum heat retention, a detergent and rinse air dispenser, 6 wash cycles for versatile use, and timer start function for added convenience. With its compact size and easy maneuverability, the Whynter CDW-6831WES countertop dishwasher is a great choice for your cabin, vacation home or anywhere.

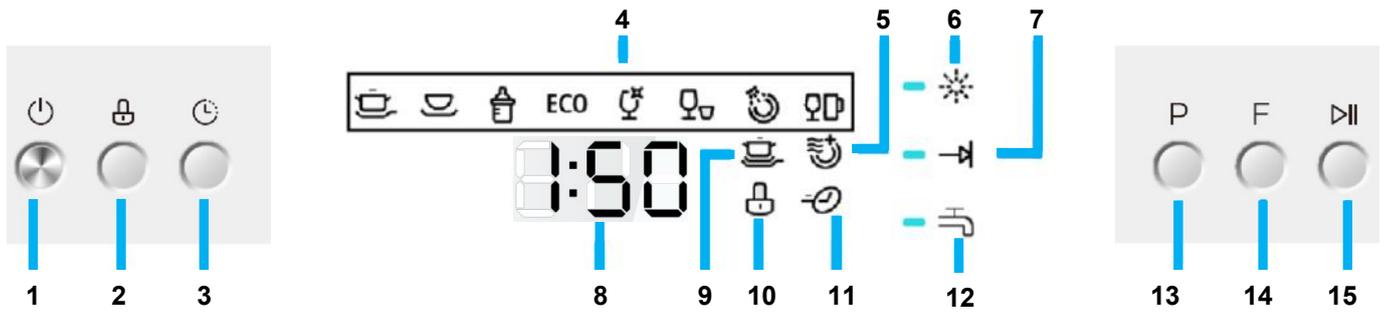
- Stainless steel interior walls
- Spray arm for extended durability
- 6 standard wash cycles (Heavy, Normal, BabyCare, ECO, Glass, Speed)
- Dish rack and silverware basket
- Adequate interior provides the space and loading flexibility necessary to accommodate 6 place settings
- User friendly controls
- 1-24 hour delay start lets you wash dishes at your own convenience
- Automatic detergent and rinse agent dispenser
- EnergyStar qualified to meet or exceed federal guidelines for energy efficiency for year-round energy and money savings

### TECHNICAL DATA

MODEL:	CDW-6831WES
Voltage	120V / 60Hz
Water Pressure	0.04—1.0MPa
Hot water connection	Max 140°F
Total Amps	5.7A
Heater	5.0A
Phase	Single
Cycles	6 standard programs
Net Weight	44 lbs
Gross Weight	53 lbs
Unit Dimensions	17.25" H x 19.75" D X 21.75" W (32" when dishwasher door is open)
Packaging Dimensions	21" H x 23.5" D X 25" W

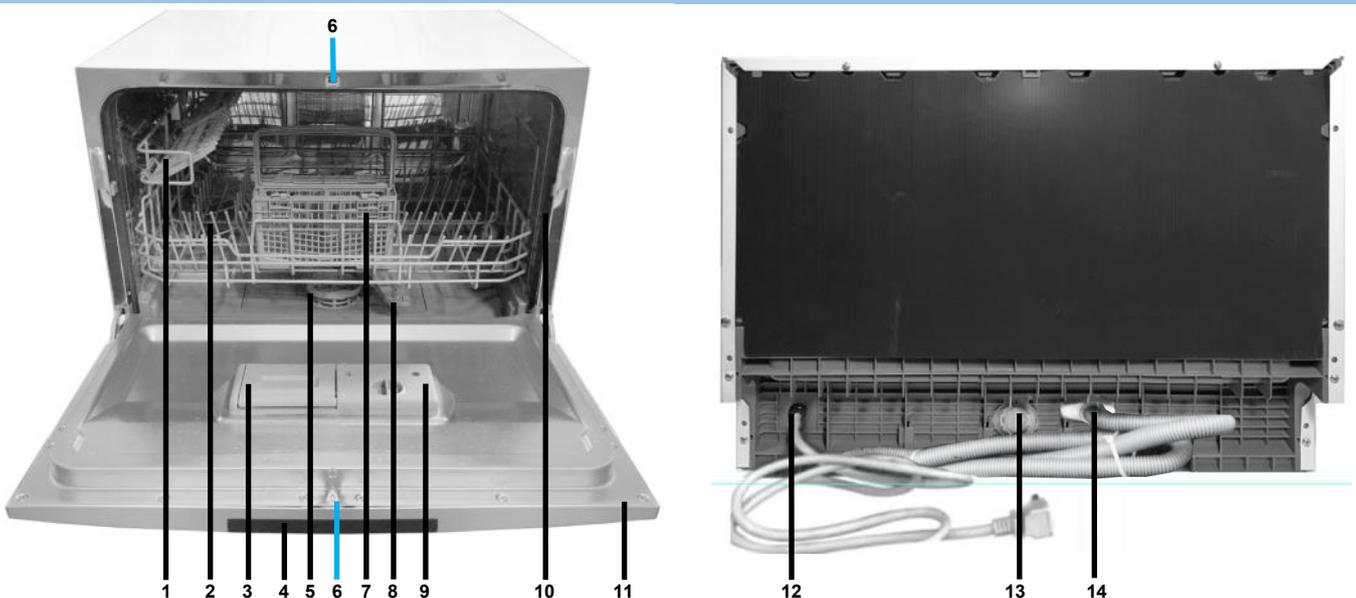


## Control Panel



- |   |  |
|---|--|
| <p><b>1 Power Button:</b> <br/>Press to turn the unit ON/OFF</p> <p><b>2 Program Lock Button:</b> <br/>Press and hold Program Lock button to lock the program</p> <p><b>3 Timer Button:</b> <br/>Press to delay start of wash program</p> <p><b>4 Program indicators:</b><br/>Shows current program selection</p> <p><b>5 Extra drying indicator:</b> <br/>Illuminates when extra drying function is selected</p> <p><b>6 Rinse Aid Warning Light:</b> <br/>Illuminates when the rinse aid dispenser needs to be refilled</p> <p><b>7 Program Completed indicator:</b> <br/>Illuminates when program has completed</p> <p><b>8 Display screen:</b> <br/>To show the remaining time and timer</p> | <p><b>9 Extra cleaning indicator:</b> <br/>Illuminates when extra cleaning is selected</p> <p><b>10 Program Lock indicator:</b> <br/>Illuminates when Program Lock is enabled</p> <p><b>11 Express wash indicator:</b> <br/>Illuminates when express wash is selected</p> <p><b>12 Water faucet indicator:</b> <br/>Illuminates when water is inadequate</p> <p><b>13 Program Selector:</b> <br/>Press to select desire wash program</p> <p><b>14 Cycle Function Button:</b> <br/>To select Extra drying, Extra cleaning or Express</p> <p><b>15 Start/Pause Button:</b> <br/>Press to start or pause the dishwashing cycle</p> |
|---|--|

## Dishwasher Parts



- |                    |                              |                                  |                            |                              |                           |  |
|--------------------|------------------------------|----------------------------------|----------------------------|------------------------------|---------------------------|--|
| <b>1</b> Cup Shelf | <b>3</b> Detergent Dispenser | <b>5</b> Filter Assembly         | <b>7</b> Silverware Basket | <b>9</b> Rinse Aid Dispenser | <b>11</b> Dishwasher Door | <b>13</b> Inlet pipe connector                 |
| <b>2</b> Basket    | <b>4</b> Control Panel       | <b>6</b> Door Hook and Lock Hole | <b>8</b> Spray Arms        | <b>10</b> Door Seal          | <b>12</b> Power Cord      | <b>14</b> Drain pipe connector (pre-installed) |



A hose that attaches to a spray wand can burst if it is installed on the same water line as the dishwasher.



Do not, under any circumstances, cut or remove the third (ground) prong from the power cord.

### Unpacking the Dishwasher

Use at least two people to move and install the dishwasher to prevent back and other types of injuries. Carefully remove the packaging materials. Remove any shipping tape and glue from your dishwasher before using. Do not use sharp instruments, rubbing alcohol, flammable fluids, or abrasive cleaners to remove tape or glue. These products can damage the surface of your dishwasher. Check to make sure the parts necessary for installation are included. If any parts are missing, please contact our customer service team. Put the dishwasher on a level and flat surface that is able to support the entire weight of the dishwasher fully loaded.

### Installation Requirements

The dishwasher is designed for a countertop installation. Please follow the instructions for clearance, water and electrical requirements.

### Clearance Requirements

The minimum height clearance required to install your dishwasher on a counter top surface with overhead cupboards is 45cm (17.7”).

### Water Requirements

Make sure the water supply connection is within reach of the inlet and drain hose assembly (i.e., 58 cm / 22.8”). If using a kitchen sink faucet, an adapter will be required to connect the water supply inlet hose. If using a sink that has a spray wand, it is recommended that the hose be disconnected and the hole plugged.

### Water Temperature

For best results, the water temperature must be at least 55°C (130°F). To prevent damage to the dishwasher, the temperature of the incoming water supply should not exceed 65°C (149°F).

### Electrical Requirements

Read all safety precautions listed at the beginning of this manual. It is recommended that you use receptacles that cannot be turned off by a switch or pull chain.

### Electrical Connection

Ensure the voltage and frequency of the power source being used corresponds to those on the rating plate. Only insert the plug into an electrical socket which is earthed properly. If the only available electrical socket the appliance can be connected to is not compatible with the the prong plug, replace the socket, rather than using an adapter or the like as they could cause overheating and safety issues.

### Grounding Instructions

This appliance must be earthed. In the event of a malfunction or breakdown, earthing will reduce the risk of 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.

## Installation Instructions

### **▲ WARNING**

DO NOT LET CHILDREN DISCONNECT THE DISHWASHER; CLOSE SUPERVISION OF CHILDREN IS ALWAYS IMPORTANT AROUND APPLIANCES.

#### NOTE:

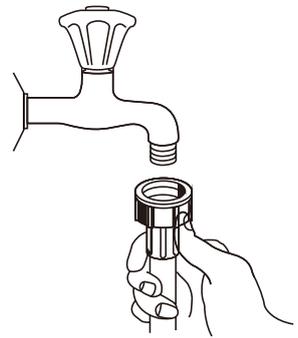
Hard water conditions will adversely affect the washing performance of your dishwasher. Hard water conditions will also contribute to 'lime' (white film substance) deposits and/or 'scaling' on the stainless steel surface of the dishwasher tub and heater element, located in the sump underneath the removable filter screen. To assist in minimizing these conditions, it is recommended to periodically operate/ rinse the inside of the dishwasher while empty using 1 cup of white vinegar at least once a week.

### Water Supply Inlet Connection

#### Cold water connection

Connect the water supply inlet hose to a threaded 3/4(inch) connector and make sure that it is fastened tightly in place. If the water pipes are new or have not been used for an extended period of time, let the water run to make sure that the water is clear and free of impurities. If this precaution is not taken, there is a risk that the water inlet can get blocked and damage the dish washer.

Note: If the supplied hose does not fit your water supply, please contact your local plumbing supply center where adapters are available for purchase or a plumber for assistance.



### **WARNING! Please close the faucet after using.**

1. Screw the faucet adapter onto the faucet tap. Check for leaks (use Teflon tape to eliminate leaking if necessary or for extra protection).
2. Connect the drain hose to the drain port connection on the back of the dishwasher cabinet. Do not over-tighten (to avoid damage to the threads).
3. Connect the inlet hose connection to the inlet port on the back of the dishwasher cabinet. Do not overtighten (to avoid damage to the threads).
4. Connect the circular connection of the inlet hose connection onto the shorter (top) male connection.
5. Slowly open the hot water line and check for any sign of water leaks at all hose connections. If leaks are located, immediately close the water supply and repair the hose connections.

#### IMPORTANT:

Once you open the water supply line, (even if it is closed immediately thereafter), the inlet hose will be pressurized.

To relieve water pressure from inside the inlet hose, make sure the water line (faucet) is closed.

**DANGER: DO NOT LET CHILDREN DISCONNECT THE DISHWASHER; CLOSE SUPERVISION OF CHILDREN IS ALWAYS IMPORTANT AROUND APPLIANCES.**

## Installation Instructions

**Note:** If not in use, the the dishwasher may be disconnected from the faucet.

### Disconnect and store your dishwasher

- Turn off and unplug the dishwasher.
- Turn off water supply faucet. Remove water supply inlet connection from faucet.
- Drain excess water from the water supply inlet connection. If the sink is 34" or higher from the floor, the excess water in the hoses cannot be drained directly into the sink. It will be necessary to drain excess water from hoses into a bowl or suitable container that is held.



- Set aside the water supply inlet connection and hoses.

### Store the dishwasher

- Latch the dishwasher door closed.
- Place the dishwasher into its preferred storage location.

### CHECK BEFORE FIRST USE

The following things should be checked before starting the dishwasher.

1. The dishwasher is level.
2. There is no leakage at the connections.
3. The power is switched on.
4. The inlet and drain hoses are not knotted to prevent restrictions.
5. All packing materials and manual should be removed from the dishwasher.

# Using the dishwasher

## A. Function of Detergent

### Proper Use of Detergent

Detergents with chemical ingredients are necessary to remove dirt, crush dirt and transport it out of the dishwasher. Use only detergent specifically made for use in dishwashers. Keep your detergent fresh and dry. Do not put powder detergent into the dispenser until you are ready to wash dishes.

The amount of detergent to use depends on whether your water is hard or soft. With hard water, you need extra detergent to alleviate the deposits that are left by the excessive minerals. Less detergent is needed for soft water.

To identify whether your water is hard or soft, contact your water department. A water softener is recommended for water that contains twelve or more grains. Without it, lime can build up in the water valve, which could stick while open and cause flooding. Too much detergent with soft water can cause a permanent cloudiness of glassware, called etching.

### **NOTE:**

Grains - in terms of water hardness measurement, refer to the unit of weight that is equivalent to 1/7000th of a pound.

For heavily soiled loads, use the HEAVY WASH Cycle, fill one or both of the interior cups, depending on the hardness of your water, and also fill the open cup on the dispenser lid. Use the information in the table below as a guideline to determine the amount of automatic dishwasher detergent to place in the dispenser:

Number of Grains	Detergent Cups to Fill
Less than 4	15g (B)
4 to 8	25g (C)
8 to 12	B and C
Greater than 12	A (open cup), B, and C

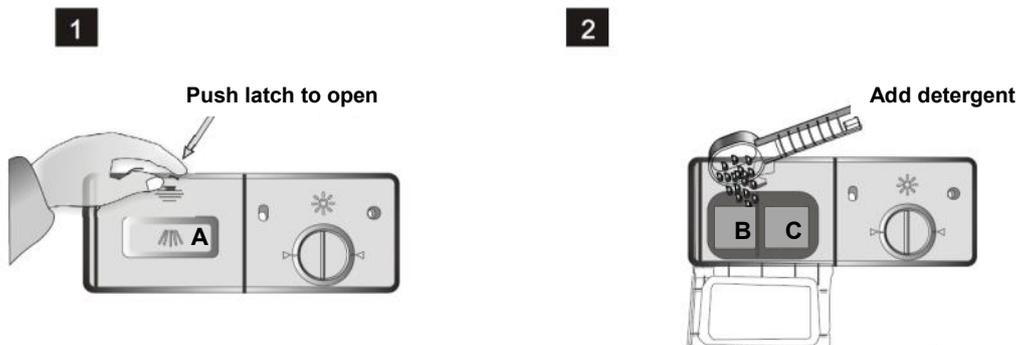
### Detergent Tablets

Detergent tablets of different brands dissolve at different speeds. For this reason some detergent tablets cannot dissolve and develop their full cleaning power during short programs. Therefore please use long programs when using detergent tablets, to ensure the complete removal of detergent residuals.

### Detergent Dispenser

The detergent dispenser must be filled before the start of each washing cycle following the instructions provided in the Wash Cycle Table. Your countertop dishwasher uses less detergent and rinse aid than a conventional dishwasher. Generally, only one tablespoon of detergent is needed for a normal wash load. Also, more heavily soiled items need more detergent. Always add the detergent just before starting the dishwasher, otherwise it could get damp and will not dissolve properly.

### Filling in Detergent



### Note:

- Push latch to open the detergent dispenser lid.
- Add liquid detergent, powder detergent or detergent tablet.
- Always add the detergent just before starting each wash cycle.
- Only use branded detergent aids for dishwashers.

## Using the dishwasher

### Amount of Detergent to Use

Fill the detergent dispenser with detergent. Close the lid and press until it locks in place.

The marking indicates the dosing levels, as illustrated on right.

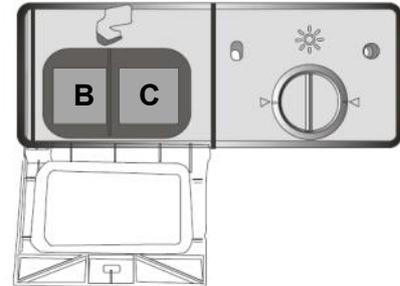
A - dispenser can load 5g detergent (open cup)

B - dispenser can load 15g detergent

C - dispenser can load 25g detergent

Note:

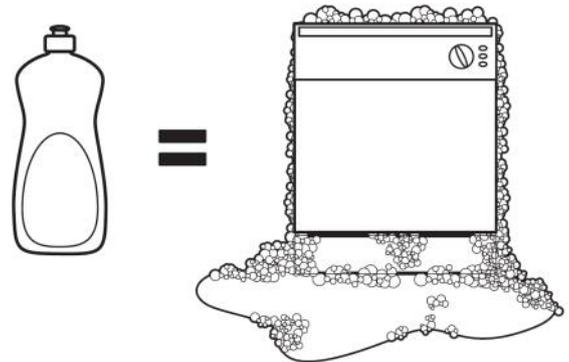
- Please be aware that the level of soiling and the specific hardness of water differences are possible.
- Check the manufacturer's recommendations on the detergent packaging.



### **▲ WARNING**

#### **DO NOT USE HANDWASHING DISH DETERGENT!**

Using a detergent that is not specifically designed for dishwashers will cause the dishwasher to fill with suds. During operation, these suds will spill out of the dishwasher which may cause overflow.



## B. Fill the Rinse Aid Dispenser

### Function of Rinse Aid

Rinse aids are designed for great drying action and to protect against spots and film build-up on your dishes, glasses, flatware, cookware, and plastic.

### Rinse Aid Dispenser

The rinse aid is released during the final rinse to prevent water from forming droplets on your dishes. It also improves drying by allowing water to sheet off the dishes. Your dishwasher is designed to use **liquid rinse aids**. The rinse aid dispenser is located on the inside of the door next to the detergent dispenser.

### When to Refill the Rinse Aid Dispenser

If there is no rinse aid warning light in the control panel, you can judge the amount of rinse aid by the color of the optical level indicator located next to the cap. 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.

### CAUTION

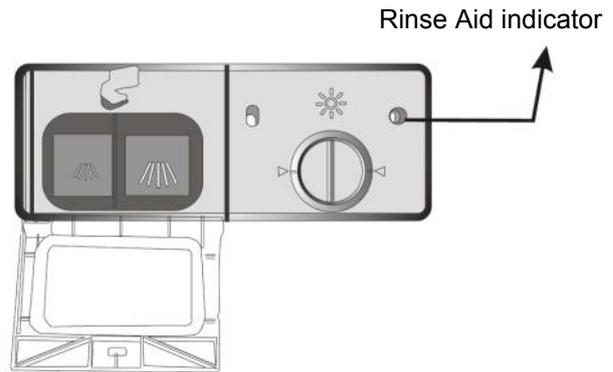
Only use branded rinse aids for dishwashers. Never fill the rinse aid dispenser with any other substances (e.g. Dishwasher cleaning agent, liquid detergent). This may damage the appliance.

**NOTE:** If water spots are not visible and you are satisfied with the drying results, using a rinse aid is optional.

## Using the dishwasher

As the rinse aid diminishes, the size of the black dot on the rinse aid level indicator changes, as illustrated below. The volume of the rinse aid container is about 110ml.

- Full
- 3 / 4 full
- 1 / 2 full
- 1 / 4 full - Should refill to eliminate spotting
- Empty



### Filling the Rinse Aid Dispenser



- 1 - To open the dispenser, turn the cap to the "open" (left) arrow and lift it out.
- 2 - Pour the rinse aid into the dispenser, being careful not to overfill.
- 3 - Replace the cap by inserting it aligned with "open" arrow and turning it to the closed (right) arrow.

#### Note:

Clean up any rinse aid spilled during filling with an absorbent cloth to avoid excessive foaming during the next wash. Do not forget to replace the cap before you close dishwasher door.

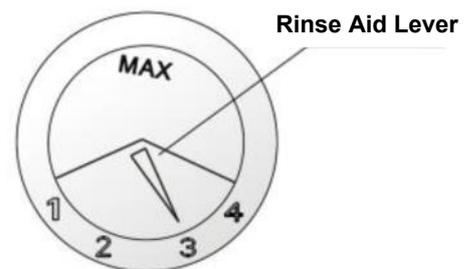
### Adjusting Rinse Aid

The amount of rinse aid released into the final wash can be adjusted. The rinse aid dispenser has four settings and the recommended setting is on "3".

If the dishes still are not drying properly or are spotted, adjust the rinse aid lever to the next higher number on "4".

#### NOTE:

- Increase the dose if there are drops of water or lime spots on the dishes after washing. Reduce it if there are sticky whitish stains on your dishes or a bluish film on glassware or knife blades.
- **If water spots are not visible and you are satisfied with the drying results, using a rinse aid is optional.**



## Using the dishwasher

### C. Check the Water Temperature

The recommended entering water should be at least 120°F (49°C) and not more than 150°F (66°C) for effective cleaning. The water temperature can be checked using a meat thermometer.

Turn on the hot water faucet, place the thermometer in a glass and let the water run continuously into the glass until the temperature stops rising.

## Loading the Dishwasher

### Recommendation

- Consider buying utensils which are identified as dishwasher-proof or safe
- Use a mild detergent
- To prevent damage, do not take glass and silverware out of the dishwasher immediately after the program has ended

### ITEMS THAT ARE NOT SUITABLE FOR THE DISHWASHER

- Cast-Iron skillet
- Plastic items that are not marked Dishwasher safe
- Older silverware with glued parts that are not temperature resistant
- Bonded silverware items or dishes
- Wooden utensils and cutting boards
- Steel items subject to rusting
- Antiques and other delicate items
- Items made from synthetic fibers
- Insulated mugs
- Aluminum cookware
- Copper pots, pans and mugs
- Glazed patterns may fade if machine washed frequently
- Crystal and Fine China

### Attention before or after loading the Dishwasher Baskets

For best performance, follow these loading guidelines.

Scrape off any large leftover food particles. Soften remnants of burnt food in pans. It is not necessary to rinse the dishes under running water.

Place objects in the dishwasher in following way:

1. Items such as cups, glasses, pots/pans, etc. are face down.
2. Curved items, or those with recesses, should be loaded at a slant so that water can run off.
3. All utensils stacked securely and can not tip over.
4. All utensils placed so the spray arms can rotated freely during washing.

#### NOTE:

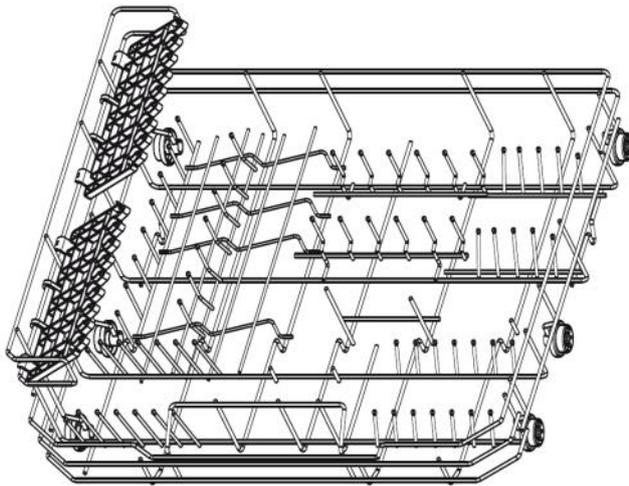
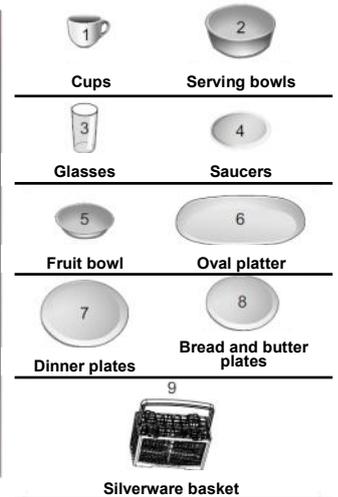
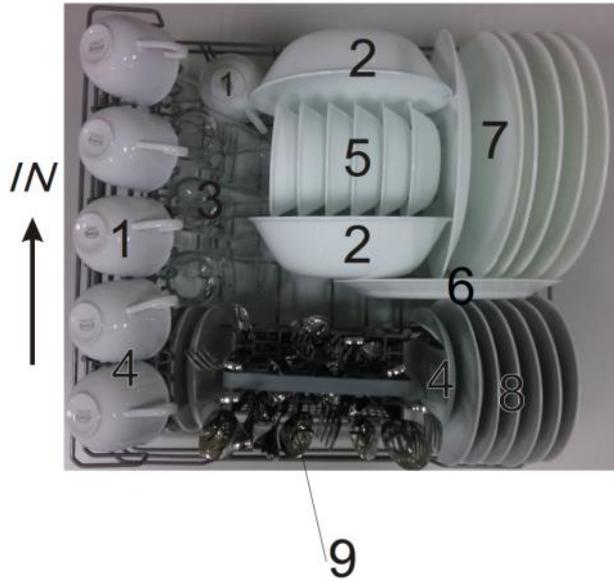
Very small items should not be washed in the dishwasher as they could easily fall out of the basket.

- Dishes and silverware must not lie inside one another, or cover each other.
- To avoid damage to glasses, they must not touch.
- Load large items which are most difficult to clean into the plate rack basket.
- Long bladed knives stored in an upright position are a potential hazard.
- Please do not overload your dishwasher. This is important for good cleaning results.

## Loading the Dishwasher

A properly loaded dishwasher is key for optimal performance. Overfilling or 'messy' loading of the dishwasher can reduce the efficiency. This counter-top dishwasher is optimized for holding 6 place settings. Refer to the arrangement below for optimal loading.

Position the dishes and cookware so they are secure during the wash cycle and cannot be moved by sprayed water.



### Plate racks of basket

The basket is fitted with plate racks which can be stowed horizontal if required.

## Silverware Basket

Silverware such as spoons should be placed in the silverware basket with handles at the bottom.

Long utensils should be placed in the horizontal position at the front of the upper basket.

Sharp objects, such as forks and knives should be placed with the handles up.

Avoid allowing items to nest together, which may keep them from being properly washed. When loading, distribute items evenly in the basket.

### ⚠ WARNING

- Do not let any item extend through bottom of the silverware basket to ensure proper function of spray arm.
- **Always load sharp utensils with the sharp point down!**
- Place knives and other potentially dangerous utensils handles-up.



## Starting a Program

Press the "P" program button to select the desired wash program on the control panel.

### Wash Cycle Table

Program	Cycle Selection Information	Wash cycle order	Detergent pre/main	Running time (hh:mm)	Energy (kwh)	Water (Gallons)
 Heavy	For the heaviest soiled loads, such as pots, pans, casserole dishes, and dishes that have been sitting with dried food on them for a while. Everyday dishes may be included.	Pre-wash 2nd Pre-wash Wash 2nd Wash Rinse 2nd Rinse Drying	18g	1:40	0.49	3.3
 Normal	For normally soiled loads, such as pots, plates, glasses and lightly soiled pans. Standard daily cycle.	Pre-wash Wash Rinse 2nd Rinse Drying	18g	1:50	0.36	2.8
 BabyCare	For lightly soiled loads, such as baby bottles, glasses, and delicate items.	Pre-wash 2nd Pre-wash Wash Rinse 8bX Rinse 3rd Rinse Drying	18g	1:30	0.51	3.3
 ECO ECO	For lightly soiled loads, such as glasses, crystal and fine china.	Pre-wash 2nd Pre-wash Wash Rinse 2nd Rinse Drying	18g.	1:15	0.27	2.6
 Glass	For lightly soiled crockery and glass.	Pre-wash Wash Rinse 2nd Rinse Drying	15g	1:10	0.28	2.2
 Speed	A shorter wash for lightly soiled loads that do not need drying.	Pre-wash 2nd Pre-wash Wash Rinse 2nd Rinse	15 g.	0:45	0.31	2.7
 Rinse	For rinsing partial loads that will be washed later. <u>Do not use detergent.</u>	Pre-wash Main-wash	/	0:24	0.03	1.1
 Mini-party	For lightly soiled loads, such as glasses, crystal and fine china.	Main-wash Rinse 2nd Rinse	15g	0:20	0.18	1.7

#### NOTE:

- Some cycles repeat depending on the program.
- Heavy wash program has a shorter running time compared to Normal Wash, as the dishwasher increases the water temperature to 131°F for more efficient cleaning.

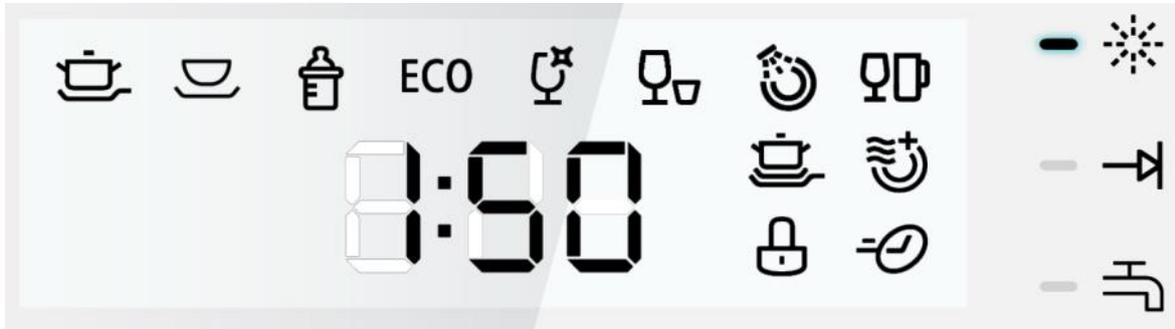
### Turning On the Appliance

1. Pull out the basket and load the dishwasher.
2. Ensure the unit is connected to the power supply.
3. Ensure the water supply is turned on to full pressure.
4. Fill with detergent and rinse aid.
5. Close the door and press the Power button to turn on the dishwasher.
6. Press the "P" program button to select the desired wash program.  
(Heavy > Normal > BabyCare > ECO > Glass > Speed > Rinse > Mini-party)
7. Press the Start/Pause button to start the washing cycle.

## Starting a Program

### NOTE:

- There is a time delay between start-up and water fill so you will not hear any wash action right away.
- When the Start/Pause button is pressed to pause during a washing cycle, the cycle will be paused and display time will stop blinking.



### Display Screen

After the dishwasher is installed and connected to the power supply, press the Power button to turn the dishwasher on. The screen will display "1:50" in Normal Wash mode which is the factory preset operating time.

Selected wash program, additional cycle function, duration and remaining time are illuminated and displayed on the display screen.

### Changing the Program

To change the washing program, press and hold the program button for more than three seconds and the dishwasher will go into stand-by. You can modify the washing program to the desired cycle setting.

If the door is opened while in operation, the unit will pause. Once the door is closed, you will need to press the Start/Pause button to restart the program.

**▲ WARNING** Opening the door during the wash cycle may result in injury from scalding hot water.

### Additional Cycle Functions

Press the "F" cycle function button to select the desired cycle function on the control panel.

The cycle functions may reduce or increase operation time, water and energy consumption. Extra cleaning, Express wash, and Extra drying can only be used with programs such as Heavy, Normal, BabyCare, ECO, and Glass. When a particular cycle function is chosen, the cycle wash time is automatically adjusted.

#### Extra Drying

This function extends drying time of the selected program cycle. Select the desired program using the "P" button then press the "F" button to select Extra Drying function. Press Start button to begin the  indicator illuminates cycle.

#### Extra Cleaning

This function extends cleaning time of the selected program cycle. On the control panel, select desired program using the "P" button. Press the "F" button to select Extra Cleaning function. Extra Cleaning  indicator illuminates when the Extra Cleaning mode is selected. Press Start button to begin wash cycle.

## Starting a Program

**NOTE:** When using an Extra Drying or Extra Cleaning cycle function, drying or washing time is increased. Operation time added is based on the selected wash program.

Program	Default (hh:mm)	Extra Drying (hh:mm)	Express Cleaning (hh:mm)	Express Wash (hh:mm)
Heavy	1:40	1:55	2:00	1:25
Normal	<b>1:50</b>	<b>1:55</b>	<b>2:10</b>	<b>1:25</b>
BabyCare	1:30	1:40	1:45	1:10
ECO	1:15	1:30	1:55	1:00
Glass	1:10	1:20	1:35	0:50

### Express Wash

This shortens cleaning and drying time of the selected program cycle. On the control panel, select desired program using the "P" button. Press the "F" button to select Express Wash function. Express Wash  indicator illuminates when the Express Wash mode is selected. Press Start button to begin wash cycle.

**NOTE:** When using an Express Wash cycle function, drying and washing time is decreased. Operation time is based on the selected wash program.

## Timer Function

The timer function mode enables a delayed switch ON of the dishwasher. The timer (hours) is adjustable between 1-24 hours.

With the dishwasher is off, add recommended amount of detergent in the detergent dispenser (liquid or pot detergent recommended). Set the desired time delay ON hours by pressing the  Timer button. Select desired wash program by pressing the Program Selector button. To confirm selection, press the Start/Pause Button. The digital clock colon symbol will start flashing to confirm that the delay function is enabled.

### **▲ WARNING**

**It is dangerous to open the door when dishwasher is in operation. Make sure to PAUSE operation and wait for 30 seconds before opening the dishwasher door.**

## Cleaning Baby Bottles In The Dishwasher

If your baby bottles are glass or dishwasher safe plastic then you have the option of using the dishwasher to clean them. Just like cleaning by hand, you will need to separate the baby bottle into its individual parts.

Placing your baby bottle lids and nipples in the dishwasher may cause them to slip between the gaps in the tray and become destroyed. A dishwasher basket is a great way to keep your nipples and sippy cup lids in one place.

Avoid cleaning your baby bottles with dishes that contained food capable of staining. For example, pasta sauce can get splattered over your baby feeding equipment during the cleaning process. The high temperature will then cause the pigment to set, resulting in stained nipples and bottles.

## Program Lock

You can lock the controls to prevent selections from being made. You can also lock the controls after you have started a cycle to prevent cycle changes. For example, children cannot accidentally start the dishwasher by pressing pads with this option selected.

To LOCK the dishwasher control, press and hold the  Program Lock button for 3 seconds. The Program Lock light will turn on to indicate the control is locked.

## Starting a Program

### Water Faucet Indicator

When the dishwasher detects that water pressure is low, the  water faucet indicator will illuminate and the dishwasher will stop temporarily. Make sure that the incoming water pressure should be between 15 and 20 pounds per square inch (psi).

1. Turn off dishwasher.
2. Remove inlet hose from the dishwasher.
3. Check water pressure.
4. Once water pressure is corrected, install the inlet hose onto the dishwasher.

### Rinse Aid Warning Light

When the dishwasher detects that the rinse aid dispenser needs to be refilled, the  rinse aid warning indicator will illuminate. See section "B. Fill the Rinse Aid Dispenser" on pages 13-14.

**Note: If water spots are not visible and satisfied with the drying results, using a rinse aid is optional.**

### Program Completed Light

At the end of each wash program, the  Program Completed indicator will illuminate indicating that program has completed.

### Forget to Add a Dish

A dish or item can be added any time before the detergent dispenser opens.

1. Press the Start/Pause button
2. Open the door a little to stop the washing
3. Wait 30 seconds for the spray arms to stop working, then open the door completely
4. Add items
5. Close the door
6. Press the Start/Pause button, the dishwasher will resume within 10 seconds

### At the End of the Wash Cycle

When the washing cycle has finished, the buzzer alarm will sound for 8 seconds. Turn off the dishwasher using the ON/OFF button, shut off the water supply and open the door of the dishwasher. Wait 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.

The dishwasher will power off automatically after 30 minutes without any operation.

1. Switch off the dishwasher by pressing the ON/OFF button.
2. Turn off the water tap.
3. Open the door carefully. Hot dishes are sensitive to knocks. The dishes should therefore be allowed to cool down around 15 minutes before removing from the dishwasher. Open the dishwasher's door, leave it ajar and wait a few minutes before removing the dishes. This will allow the dishes to cool and assist in the drying process.
4. Unload the dishwasher. It is normal for the dishwasher to be wet inside.

# Maintenance and Cleaning

## Filter System

The filter system consists of a coarse filter (A), fine filter (B) and a main filter (C).

### Coarse filter A

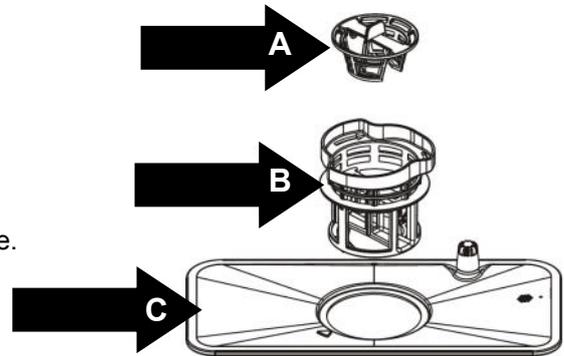
Larger items, such as pieces of bone or glass, that could block the drain are trapped in the coarse filter. To remove the items caught by the filter, gently squeeze the tap on the top of this filter and lift out.

### Fine filter B

This filter holds soil and food residue in the sump area and prevents it from being deposited on the dishes during wash cycle.

### Main filter C

Food and soil particles trapped by this filter are pulverized by a special jet on the spray arm and washed down to drain.

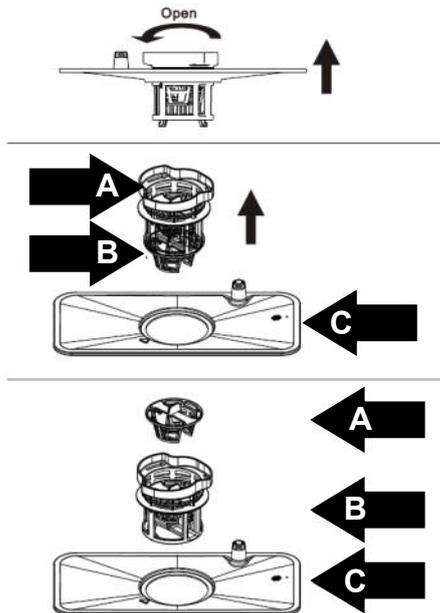


### Filter assembly

The filter assembly efficiently removes food particles from the wash water, allowing it to be recycled during the cycle. For best performance and results, the filter assembly must be cleaned regularly. For this reason, it is a good idea to remove the larger food particles trapping in the filter after each wash cycle by rinsing the filter assembly under running water. To remove the filter assembly, pull on the cup handle in the upward direction.

## ⚠ WARNING

Never run the dishwasher without the filters in place. Improper replacement of the filter may reduce the performance level of the appliance and damage dishes and utensils.



Step 1: Rotate counter-clockwise the filter assembly then lift it all up.

Step 2: Lift the coarse filter (A) and fine filter (B) from the main filter (C).

Repeat all steps in reverse to replace filter assembly.

Note:

- The entire filter assembly should be cleaned once a week.
- Inspect the filters for blockage every time the dishwasher has been used.
- Remove any food remnants and clean the filters under running water.

### Cleaning The Filter

To clean the coarse filter and the fine filter, use a cleaning brush. Reassemble the filter parts and reinsert the entire assembly in the dishwasher, positioning it in its seat and pressing downward.

## Caring for the Dishwasher

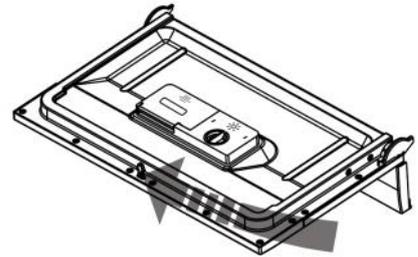
- The control panel can be cleaned by using a lightly dampened cloth and dry thoroughly.
- The exterior can be cleaned using an appliance polish wax.
- Never use sharp objects, scouring pads or harsh cleaners on any part of the dishwasher.

### **Cleaning The Door**

To clean the edge around the door, use only a soft cloth dampened with warm water. To avoid penetration of water into the door lock and electrical components, do not use a spray cleaner of any kind.

#### **WARNING!**

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



### **Protect Against Freezing**

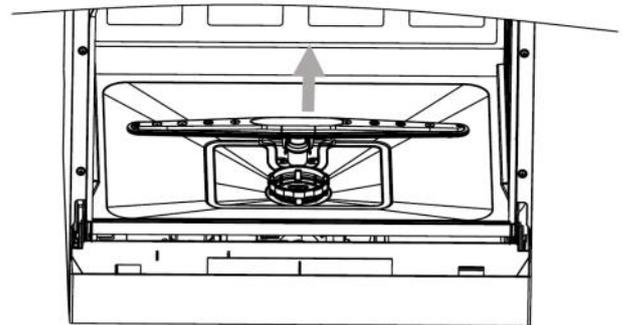
Please take frost protection measures on dishwasher in winter. After all washing cycles, please operate as follows:

- .1 Unplug the dishwasher from the power source.
- .2 Turn off the water supply and disconnect the water inlet pipe from the water valve.
- .3 Drain water from the inlet pipe and water valve. (Use a pan to catch the water)
- .4 Reconnect the water inlet pipe to the water valve.
- .5 Remove the filter and use a sponge to absorb excess water.

### **Cleaning the Spray Arms**

The spray arms can be easily removed for periodic cleaning of the nozzles, to prevent possible clogging. Wash them under running water and carefully replace them in their seats, checking that their rotary movement is in no way impeded. Grasp the middle of the spray arm, pull it upwards to remove it. Wash the arms under a jet of running water and return them carefully to their seat.

After reassembly, check that the spray arms turn freely. Otherwise, check if the spray arms are installed correctly.



### **How to Keep Your Dishwasher in Shape**

- **After Every Wash**  
After every wash, turn off the water supply to the appliance and leave the door slightly open so that moisture and odors are not trapped inside.
- **Remove the Plug**  
Before cleaning or performing maintenance, always remove the plug 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 with a little vinegar, or a cleaning product made specifically for dishwashers.
- **When it is not needed for a long time**  
It is recommend that you run a wash cycle with the dishwasher empty and then remove the plug from the socket, turn off the water supply and leave the door of the appliance slightly open. This will help the door seal to last longer and prevent odors from forming within the appliance.
- **Moving the Appliance**  
If the appliance must be moved, try to keep it in the vertical position. If absolutely necessary, it can be positioned on its back.
- **Door Seal**  
One of the factors that cause odors to form in the dishwasher is food that remains trapped in the seal. Periodic cleaning with a damp sponge will prevent this from occurring.

## Troubleshooting Tips

Many common upright dishwasher problems are easily resolved. Try the troubleshooting suggestions below to see if the problems can be resolved before having to contact the service department.

	Problem	Possible Causes	What To Do
<b>Technical problems</b>	Dishwasher does not start	Fuse blown, or the circuit breaker tripped.	Replace fuse or reset circuit breaker. Remove any other appliances sharing the same circuit with the dishwasher.
		Power supply is not turned on.	Make sure the dishwasher is turned on and the door is closed securely.
			Make sure the power cord is properly plugged into the wall socket.
	Water not pumped from dishwasher	Door of dishwasher not properly closed.	Closed dishwasher making sure that door latches.
		Kink in drain hose.	Check drain hose.
		Filter clogged.	Check the coarse filter (see section titled "Cleaning The Filter")
Kitchen sink clogged.	Check kitchen sink to make sure it is draining well.		
	If problem is kitchen sink not draining, you may need a professional plumber rather than a serviceman for dishwasher.		

<b>General</b>	Problem	Possible Causes	What To Do
<b>General problems</b>	Suds in the tub	Improper detergent	Use only the special dishwasher detergent to avoid suds. If this occurs, open the dishwasher and let suds evaporate. Add 1 gallon of cold water to the tub. Close and latch the dishwasher, then Start the "soak" wash cycle to drain out the water Repeat if necessary.
		Spilled rinse aid	Always wipe up rinse aid spills immediately.
	Stained tub interior	Detergent with colorant was used.	Make sure that the detergent is the one
	White film on inside surface	Hard water minerals	To clean the interior, use a damp sponge with dishwasher detergent and wear rubber gloves. Never use any other cleaner than dishwasher detergent for the risk of foaming or suds.
			The affected items are not corro-
	There are rust stains on silverware	A program was not run after dishwasher salt was added. Traces of salt have got into the wash cycle.	Always run the Quick wash program without any crockery in the dishwasher and without selecting the Turbo function (if present), after adding dishwasher salt.
	Knocking noise inside of dishwasher	The spray arm is knocking against an item in the dish rack.	Pause the wash cycle and rearrange the items which are obstructing the movement
	Rattling noise inside of dishwasher	Items are not securely placed in dish rack.	Pause the wash cycle and secure the items in the dish rack.
	Knocking noise in water pipes	Pipe cross-section may have problems.	Contact a certified plumber. This is not related to the dishwasher.

## Troubleshooting Tips

	Problem	Possible Causes	What To Do
<b>Unsatisfactory washing result</b>	The dishes are not clean	The dishes were not loaded correctly.	See notes in " Loading the Dishwasher Baskets ".
		The program was not long enough.	Select a more intensive program. See" Wash Cycle Table ".
		Not enough detergent was dispensed	Use more detergent, or change your detergent.
		Item are blocking the path of spray arms.	Rearrange the items so that the spray can rotate freely.
	Cloudiness on glassware	The filter combination in the base of wash cabinet is not clean or is not correctly fitted. This may cause the spray arm jets to get blocked.	Clean and/or fit the filter combination correctly. Clean the spray arm jets. See "Cleaning the Spray Arms".
		Combination of soft water and too much detergent.	Use less detergent if you have soft water and select a shortest cycle to wash the glassware and to get them clean.
	Black or gray marks on dishes	Aluminum utensils have rubbed against dishes.	Use a mild abrasive cleaner to eliminate those marks.
Detergent left in dispenser cups	Dishes block detergent cups.	Re-loading the dishes properly.	

	Problem	Possible Causes	What To Do
<b>Unsatisfactory drying result</b>	The dishes are not drying	Improper loading	Load the dishwasher as suggested in the
		Too little rinse aid	Increase the amount of rinse aid/ refill the rinse aid dispenser.
		Dishes are removed too soon.	Do not empty your dishwasher immediately after washing. Open the door slightly so that the steam can escape. Begin unloading the dishwasher only once t he dishes are barely warm to the touch. Empty the low basket first. This prevents water form dropping off dishes in the upper basket.
		Wrong program selection	In short program the washing temperature is lower. This also lowers cleaning performance. Choose a program with a long washing time.
		Using silverware with a low-quality coating	Water drainage is more difficult with these items. Silverware or dishes of this type are not suitable for washing in the dishwasher.

## ERROR CODES

When some malfunctions come on, the appliance will display error codes to warn you:

Codes	Meaning	Possible Causes
E1	Longer inlet time.	Faucets is not opened, or water intake is restricted, or water pressure is too low.
E3	Not reaching required temperature.	Malfunction of heating element
E4	Overflow.	Some element of dishwasher leaks
Ed	Failure of communication between main PCB with TFT PCB	Open circuit or break of wiring for the communication

# **ONE YEAR LIMITED WARRANTY**

This WHYNTER product is warranted to the original owner, purchased from an authorized Whynter dealer within the 48 U.S. continental states, for one year from the original purchase date against defects in material and workmanship under normal residential usage. Should your WHYNTER product prove defective within one year from the date of purchase, contact Whynter's Customer Support team with the serial number and proof of purchase to make a warranty claim. A Return Authorization number must be issued before returning any parts or products. Parts or products received without a Whynter issued Return Authorization number will be refused. Under this warranty, Whynter will repair or replace any parts found defective with new or remanufactured parts or exchange the defective product with a new, refurbished, or remanufactured product at our discretion. All defective products and parts covered by this warranty will be repaired or replaced on a mail-in basis to Whynter's Service Center. This warranty is not transferable. After the expiration of the warranty, the cost of labor and parts will be the responsibility of the original owner.

After two months to one year, the customer will be responsible for the return freight cost to Whynter's Service Center. Please package the product carefully in its original packaging to avoid damage in transit. Whynter is not responsible for damage resulting from shipper mishandling or improper packaging. Please retain the original box and packaging materials.

## **THIS WARRANTY DOES NOT COVER:**

- Acts of God, such as fire, flood, hurricanes, earthquakes and tornadoes.
- Improper power supply such as power surge, low voltage, defective household wiring or inadequate fuses.
- Use in commercial or industrial applications.
- Damage, accidental or otherwise, to the product while in the possession of a consumer not caused by a defect in material or workmanship.
- Damage caused by consumer misuse, tampering, lack of maintenance or failure to follow the care and special handling provisions in the instructions.
- Damage to the finish of the case, or other appearance parts caused by wear.
- Damage caused by repairs or alterations to the product by anyone other than authorized by the manufacturer.
- Removal, Replacement Packaging, Freight and Insurance cost for the warranty service.
- Products sold AS IS or from an unauthorized reseller.
- Products that have had their serial numbers removed or defaced.

### ***DISCLAIMER OF IMPLIED WARRANTIES; LIMITATION OF REMEDIES***

*CUSTOMER'S SOLE AND EXCLUSIVE REMEDY UNDER THIS LIMITED WARRANTY SHALL BE PRODUCT REPAIR OR REPLACEMENT AS PROVIDED HEREIN. CLAIMS BASED ON IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO ONE YEAR OR THE SHORTEST PERIOD ALLOWED BY LAW, BUT NOT LESS THAN ONE YEAR. WHYNTER SHALL NOT BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES SUCH AS PROPERTY DAMAGE AND INCIDENTAL EXPENSES RESULTING FROM ANY BREACH OF THIS WRITTEN LIMITED WARRANTY OR ANY IMPLIED WARRANTY. SOME STATES AND PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR LIMITATIONS ON THE DURATION OF IMPLIED WARRANTIES, SO THESE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WRITTEN WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE.*

To obtain service or information, contact  
Whynter LLC via email at [Support@whynter.com](mailto:Support@whynter.com) or call  
866-WHYNTER.

Product contents and specifications may change without notice.

Copyright © 2017 Whynter LLC  
WWW.WHYNTER.COM