



DWP40W
Countertop Dishwasher
Owner's Manual

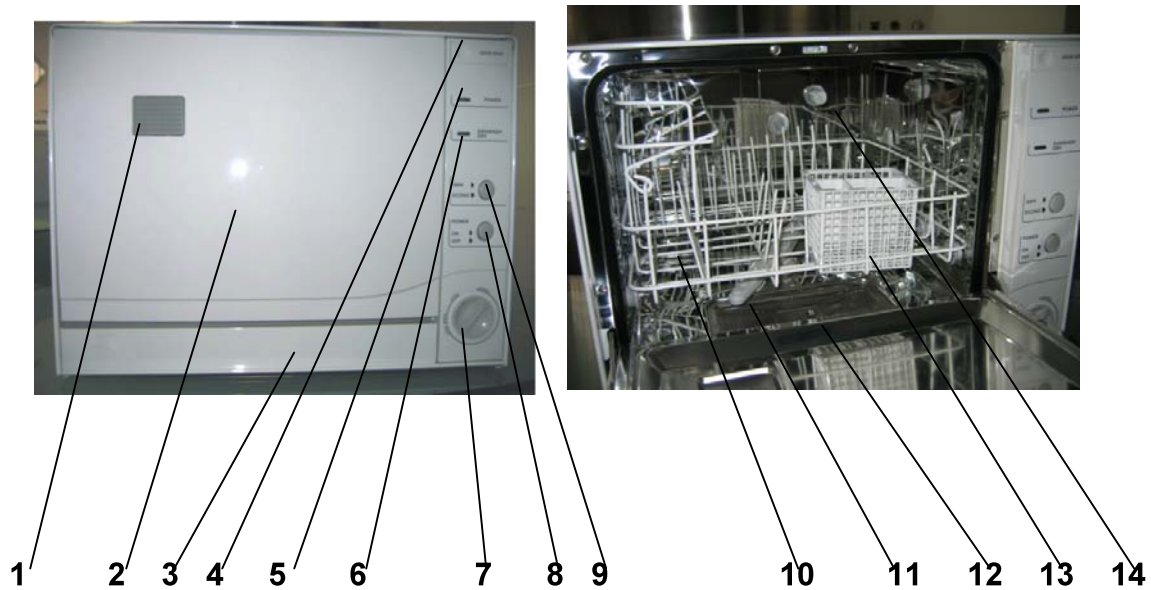
This owner's manual provides instructions on safe installation, use, and maintenance. Please read it carefully and save it for reference.

<http://www.edgestar.com>

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Parts



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|-----|------------------------|
| 1、 | Ventilation Outlet |
| 2、 | Door |
| 3、 | Front Panel |
| 4、 | Door Release Button |
| 5、 | Power Light |
| 6、 | Sani-wash Light |
| 7、 | Wash Cycle Selector |
| 8、 | Power Button |
| 9、 | Sani/Econo Wash Button |
| 10、 | Dish Rack |
| 11、 | Spray Arm |
| 12、 | Filter |
| 13、 | Silverware Rack |
| 14、 | Rinse Aid Inlet |
| 15、 | Water Inlet Connection |
| 16、 | Drain Hose Connection |
| 17、 | Power Cord |

IMPORTANT SAFETY INSTRUCTIONS

WARNING

When using your dishwasher, follow basic safety precautions, including the following:

- Please read this manual carefully before using the dishwasher for the first time.
- This manual contains very important notes regarding the installation, use and maintenance of your dishwasher.
- The manufacturer cannot be responsible for problems caused by ignoring these safety and caution instructions.
- This dishwasher is designed for normal household use.
- Do not use the dishwasher for industrial and commercial use, or any non-spec. purpose.
- Electrical safety is only guaranteed when the grounding system of your house is in accordance with the related local regulations. (Do not use an extension cable or cord.)
- Only suitable household utensils should be placed in the dishwasher. (Please avoid utensils that are non-heat-resistant, metal decorated, etc.)
- Keep detergents away from children.
- If the hot water exceeds 149°F, adjust the water heater setting. If the hot water temperature can not be maintained below 149°F, the dishwasher must be connected to cold water.
- Do not use any kinds of solvents in your dishwasher. They may cause an explosion or fire.
- Do not spray water on the appliance. It may cause the failure of electrical parts or electric shock.
- Do not allow children to operate the dishwasher.
- Do not push down or sit on the inner door when the door is opened. It may cause the deformation or failure of your dishwasher.
- Do not use hand washing soap. Dishwasher detergent should be used for normal operation.
- If power supply cord is damaged, it must be replaced by the manufacturer or an authorized service agent.
- This appliance is fitted with a safety feature that automatically stops the operation of the dishwasher if it is exposed to heavy electrical disturbance.
- This appliance must be positioned so that the plug is accessible.
- The appliance is not be intended for use by young children or infirm persons without supervision.
- Young children should be supervised to ensure that they do not play with the appliance.
- Dishwasher detergents are strong alkaline. They can be extremely dangerous if swallowed. Avoid contact with skin and eyes and keep children away from the dishwasher when the door is open. Check that the detergent receptacle is empty after completion of the wash cycle.
- Use only new hoses to connect the dishwasher to the water source and drain. Old hoses should not be re-used.

SAVE THESE INSTRUCTIONS

WARNING

Instructions pertaining to a risk of fire, electric shock, or injury to persons.

Electrical Instructions:

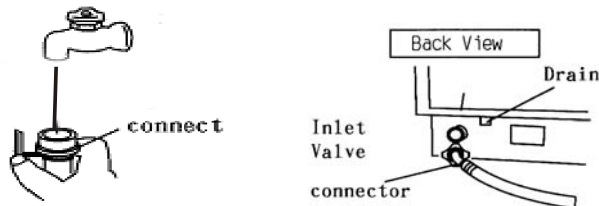
An electrical supply of 120 volts AC only, 60Hz is required. Make sure that a suitable electrical supply socket is located close to where the dishwasher is to be placed. **For your safety, the appliance must be grounded.** The appliance is equipped with a power supply cord with a 3-prong grounding plug. To minimize possible shock hazards it must be plugged into a matching 3-prong grounded electrical outlet.

WARNING

Installation involves water line connections. Please consult a plumber for proper installation.

Installation Instructions

1. Remove all packing materials carefully
2. The water inlet hose from the machine terminates in a $\frac{3}{4}$ " female connector. The water supply should therefore terminate in a similar male connector and should have a on/off valve close by in the pipe. Connect the straight connector of the inlet hose to the water supply securely. Connect the other end (bent connector) to the water inlet valve at the back of the dishwasher cabinet. Do not over-tighten to avoid damage to the threads.
3. Prepare the drainage hose so that it has "hooked" or U-shaped end. Use the plastic U-bend provided for this purpose. The end of this should be dropped into a drainage standpipe, the maximum height of which should be no more than 6" above the base of the dishwasher. To allow for an air gap around the end of the drain hose, the diameter of the standpipe should be at least 1". Connect the other end of the drain hose (L shaped) to the drain port connection at the back of the dishwasher cabinet. Tighten the drain hose end on to the drain port using the metal clip included in the package.
4. Thus dishwasher also ships with a "quick-connect adaptor for a kitchen sink tap (which will also drain to the sink). Replace your sink aerator with the included aerator and you may pop the connector on and off at will. If you are unsure of proper installation, please consult a plumber.



5. If leaks are located, immediately shut the water supply and check the hose connections fully. Tighten connections if necessary.
6. If for any reason you are unable to stop the leak yourself please seek advice from a qualified plumber.
7. The minimum height clearance required to install your dishwasher on a countertop surface with overhead cupboards is **18" (46cm)**.
8. Make sure there is an electrical power supply within easy reach of the machine. The power cord is 6' long.
9. The dishwasher must be installed on a 'solid' level surface.
10. To level the dishwasher, adjust the 4 level screws (feet) under the dishwasher.

Water Pressure

For best operating results, incoming water pressure should be between 0.5 - 10 bar. Incoming water supply for the dishwasher is controlled by a 'low water switch' application, so if the water connection no longer provides water, the dishwasher will stop.

FOR BEST RESULTS:

Your dishwasher cleans by spraying a mixture of hot clean water and detergent (under pressure) against the soiled surface of dishes. The water is pumped through a rotating spray arm, drained through a filter removing food and soiled particles and pumped back through the spray arm.

Soiled water is pumped out and replaced with clean water at the end of each cycle (the number of times depends on the cycle being used). For best cleaning results, the water temperature must be at least 130° F (55°C). To prevent dishwasher damage, the temperature of the incoming water supply should not exceed 160°F (71°C).

NOTE: Hard Water conditions will adversely affect washability 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, periodically empty 1 cup of white vinegar inside the dishwasher and run an empty load.

Disconnecting your dishwasher

- Close the hot water supply at the outlet/faucet.
- Disconnect the power supply cord.
- Disconnect the inlet hose assembly from the water supply.

- Appliances that are to be discarded must be made unusable. Pull off the plug, remove cable and make the door lock and latch unusable

! IMPORTANT !

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

! CAUTION !

DO NOT LET CHILDREN DISCONNECT THE DISHWASHER. Close supervision of children is always important around appliances.

Loading your Dishwasher

The dishwasher is designed to accept up to a standard "4 piece" plate setting consisting of the following:

- 4 Dinner Plates
- 4 Soup Bowls
- 4 Dessert Dishes
- 4 Saucers
- 4 Cups
- 4 Tea Spoons
- 1 Oval Platter
- 1 Small Serving Dish
- 1 Dish
- 4 Glasses
- 4 Soup Spoons
- 4 Forks
- 4 Knives
- 4 Dessert Spoons
- 2 Serving Spoons
- 1 Serving Fork



- 1 Gravy Ladle
- NOTE: for ease of loading/unloading large size dinner plates from the dish rack it may be necessary to (temporarily) remove the cutlery basket. When loading/unloading is complete, return the cutlery basket to its original position.

Preparing your dishes for washing

- Scrape off all solid food particles from the dishes.
- Remove excessive quantities of oil or grease.
- Empty any liquids from glasses and cups.
- NOTE: Dishes with dried-on foods are more difficult to wash and may not come clean in a normal wash cycle.
- Arrange all items with recessed or curved sections on a slant to drain water away.
- Cups, pots, glasses, etc should be placed upside down.

When loading items to be washed

- Locate sharp items so that they are not likely to damage the door seal.
- Load sharp knives with the handles up to reduce the risk of injuries
- Do not load plastic items unless they are marked "dishwasher safe" or the equivalent. For plastic items not so marked, check the manufacturer's recommendations.
- Do not load glasses over the dish rack pins. Glasses loaded over dish rack pins are not properly supported and are likely to get damaged.
- Items with wooden or bone handles and items joined together with glue are unsuitable as they cannot resist hot water.
- Do not touch the heating element during or immediately after use.
- Do not operate your dishwasher unless all enclosure panels are properly in place.
- Do not tamper with controls.
- Do not abuse, sit on, or stand on the open door or dish-rack of the dishwasher. The machine may topple over.
- Protect cables and hoses from high temperatures.
- To reduce the risk of injury, do not allow children to operate or play with the dishwasher.

Using the right detergent



Use only detergent specifically made for use in dishwashers, as other types will cause over-sudding. If your detergent is old and/or lumpy, throw it away. Old detergent loses its washing power. Lumpy detergent won't dissolve. Please put the detergent in the depression located on the inner door.

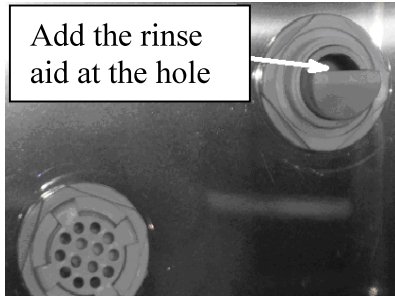
How much detergent should you use?

That depends if your water is 'hard' or 'soft'.

**HARD WATER REQUIRES MORE DETERGENT TO GET DISHES CLEAN.
SOFT WATER REQUIRES LESS DETERGENT TO GET DISHES CLEAN.**

- The recessed detergent area located on the inside door panel will hold approximately 3 tablespoons of detergent. Follow the detergent manufacturer's guidelines.

Using a rinsing agent



You can help prevent unsightly spots on dishes and glassware, and reduce drying time by using a rinse agent. A rinse agent is specially formulated to rinse away food and detergent residues that can be left behind on your dishes. Used regularly, a rinse agent will automatically provide you with cleaner dishes every time you wash.

To fill the rinse agent dispenser, unscrew the dispenser cap located on the back of the tub. Add the rinse agent slowly into the container until it just reaches the bottom of the filling cap inside the dispenser opening. Replace the cap.

Note: Clean off large particles of food sediments before placing dishes in the dishwasher.

Using the “Sanitary-Wash” feature

If you have connected the washer to a cold water supply, you will need to leave it in the “Sani-Wash” setting. The “Sani-Wash” feature gives you the option of washing/drying dishes at high water temperatures. When activated, the “Sani-Wash” feature energizes a heating element that will raise and maintain the internal water temperature of the dishwasher at 144°F. Refer to Page 1, Front View, Item 6.

! CAUTION !

Water temperatures this high can cause severe burns/scalding. Always exercise extreme care when opening and/or entering the dishwasher during the Sani-Wash cycle.

To activate this feature, set the “Sani/Econo” button to the “in” position.

Using the “Econo” Feature:

The “Econo” feature gives you the option of washing dishes at the temperature of your hot water supply. The heating element will not come on.

To activate, set the “Sani/Econo” button to the “out” position.

Operating Instructions

To operate the dishwasher:

1. Make sure the inlet and drain hoses are correctly and securely connected.
2. Push the door release button to open the door.
3. Place the dishes on the dish rack and cutlery inside the cutlery basket.
4. Check to make sure that the rotating spray arm can turn freely all the way round. If necessary remove any obstacles.
5. Fill the detergent in the recessed area on inner door panel. (approx. 1-2 tablespoons).
6. Close the door firmly
7. Open the water supply.
8. Turn the selector switch to the desired wash program. (Intensive, Normal, Rapid).
9. Push the power (on/off) button.
 - Push Button in = power on
 - Push Button out = power offThe power light will illuminate indicating the machine is receiving power.
10. The dishwasher stops automatically at the end of the program. The power light will remain illuminated, until the power (on/off) button is switched off.
11. The dishwasher is designed to stop if the door is opened accidentally during operation.
12. After washing, dishes should be allowed to cool down for about 15 minutes so they are not too hot to handle. Dishes will cool quicker if the door is opened slightly.
13. After unloading the dishwasher, remove the filter, clean off any bits of food, and put the filter back in its position.

NOTE: At the beginning of each cycle, the dishwasher always starts in the "drain" mode. This is because the drain pump always retains a small amount of water (in the sump) from the previous cycle. This is necessary to keep the pump primed. Therefore, do not be alarmed if you see a small amount of water being pumped-out from the drain hose prior to the start of the regular wash cycle (THIS IS NORMAL).

COMMON DISHWASHING PROBLEMS AND SOLUTIONS

PROBLEM	POSSIBLE CAUSE	POSSIBLE SOLUTION
Dishwasher will not start	<ul style="list-style-type: none"> * Dishwasher not receiving Electrical power. * Door is unlatched. * Dishwasher not level. 	<ul style="list-style-type: none"> * Check electrical connection Fuse/circuit breaker. * Close and latch door. * Level unit.
Dishes not clean	<ul style="list-style-type: none"> * Improper loading * Spray arm not rotating freely * Not enough detergent and/or improper detergent being used. * Improperly prepared dishes. * Water inlet hose kinked/bent due to improper installation. 	<ul style="list-style-type: none"> * Arrange dishes so spray action reaches all surfaces. * Do not overload dishwasher. * Check spray arm to make sure nothing (i.e. cutlery) is obstructing spray arm rotation. * Check if filter screen has become dislodged and obstructing spray arm rotation. * Use more dishwasher detergent * Do not use detergent that is hard or cracked. * Use only a recommended dishwasher detergent. * Excess food soil and liquids should be removed from dishes before loading. * Eliminate kink or bend from Inlet hose.
Chipping or breaking glassware	<ul style="list-style-type: none"> * Improper loading of dishes. 	<ul style="list-style-type: none"> * Do not overload dish rack. Load glasses on the upper rack only, not over dish rack pins. Glasses loaded over dish rack pins are not properly supported and subject to damage.
Water remains in bottom	<ul style="list-style-type: none"> * A small amount of water (in sump area) is normal. 	<ul style="list-style-type: none"> * This is necessary to keep the pump primed and is drained automatically at the beginning of each cycle.
Dishwasher won't stop	<ul style="list-style-type: none"> * Excessive amount of water; cycle not completed. * the filter is clogged. 	<ul style="list-style-type: none"> * Allow dishwasher to complete full cycle. * drain the water out and clear the filter

Program Summary/Selection

Pre-rinse:
 Water Temperature: Incoming water supply
 Program Duration: 7 min
 Water Consumption: 0.74 Gallons

Normal/**Sani WASH**:
 Water Temperature: 158°F
 Program Duration + Heating Time: 60 min
 Water Consumption: 3 Gallons

Normal/**Econo WASH**:
 Water Temperature: Incoming water supply+22° F
 Program Duration + Heating Time: 35 min
 Water Consumption: 3 Gallons

Rapid/**Sani WASH**:
 Water Temperature: 158°F
 Program Duration + Heating Time: 35 min
 Water Consumption: 2.25 Gallons

(Note: the washing time may vary according to the incoming water temperature and the ambient temperature).

Main technical data

Models	DWP40BL/DWP40S
Power input	1280W
Outer dimension (HxWxD)	17 1/2" x 22 1/4" x 19 1/4"
Net weight	About 50 Pounds
Max. water Consumption (Normal wash)	3 Gallons
Water pressure	0.5 - 10 bar
Controls	Mechanical
Suggested detergent amt.	1-3 tablespoons
Place setting capacity	Up to 4

WARRANTY

This EdgeStar product is warranted to be free from defective workmanship and materials for the first year following the date of original purchase. Replacement parts will be supplied free of charge for the first year following the date of original purchase. Labor will be performed free of charge for the first 90 days following the date of original purchase.

WHAT IS COVERED:

This warranty applies to the original purchaser only, and only covers defects in workmanship experienced during operation of the product under normal service, maintenance, and usage conditions. This warranty applies to the purchase and use of this product in residential settings within the United States of America.

WHAT IS NOT COVERED:

The following limitations apply to the coverage of this warranty:

Optional accessories, attachments, and appearance items are excluded from warranty coverage, as is shipping damage, and any damage caused by improper voltage or any other misuse, including abnormal service, handling, or usage.

This warranty does not cover normal wear and tear on parts or replacement of parts designed to be replaced, e.g. filters, etc.

This warranty does not cover service trips to deliver, pick-up, repair, or install the product, or to instruct in proper usage of the product.

Damages or operating problems resulting from abuse, operation outside environmental specifications, uses contrary to instructions provided in the owner's manual, accidents, vermin, fire, flood, improper installation, unauthorized service, acts of God, unauthorized installation or modification, or commercial use are excluded from warranty coverage.

This warranty does not cover labor incurred 91 days or more after the date of original purchase.

This warranty does not cover use of EdgeStar products in commercial settings.

DESCRIPTION OF WARRANTY SERVICE:

All defective product components covered by this warranty will be repaired or replaced, at EdgeStar's option, free of charge on a mail-in basis to EdgeStar's authorized repair facility during the first 90 days from the date of original purchase.

All defective product components covered by this warranty will be repaired or replaced, at EdgeStar's option, on a mail-in basis to EdgeStar's authorized repair facility during the time period beginning on the 91st day from the date of original purchase and ending one year from the date of original purchase. During this time period, parts will be supplied free of charge, but labor charges will apply.

All replacement parts and units will be new, remanufactured, or refurbished.

All products and components replaced by EdgeStar under warranty service become the property of EdgeStar.

OBTAINING WARRANTY SERVICE:

Contact EdgeStar for troubleshooting assistance and warranty service authorization at 1-866-319-5473. Please have your order receipt available to confirm the date of purchase.

Once an EdgeStar authorized representative has confirmed that your product is eligible for warranty service, the product must be returned to an EdgeStar authorized repair facility.

The purchaser is solely responsible for prepaying all shipping related costs to and from the repair facility.

EdgeStar is not responsible for damage resulting from shipper mishandling or improper packaging.

Do not return defective product to the place of purchase.

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