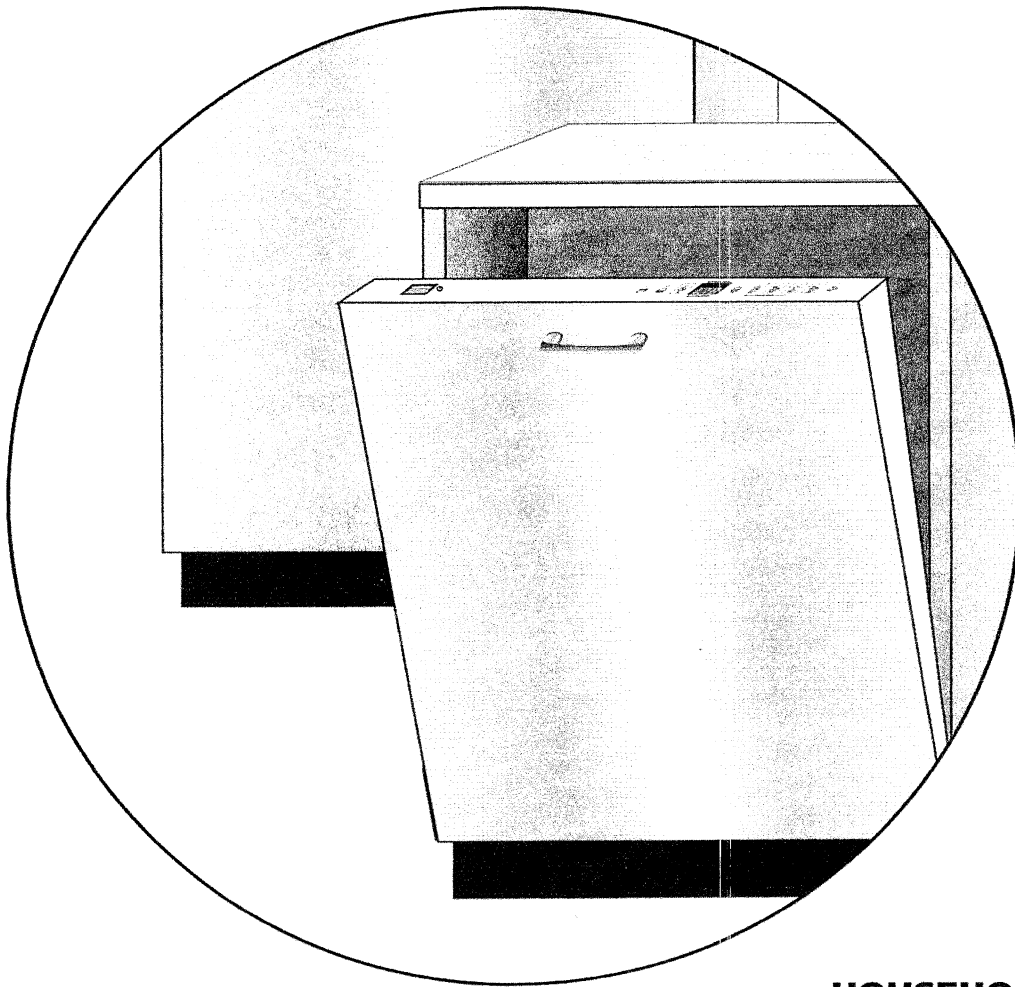


Operating instructions

Dishwasher Use and Care Manual

Küppersbusch
Model IGVS669



5600 059 065 (8307)

**HOUSEHOLD
USE ONLY**

Küppersbusch

CONGRATULATIONS!

Congratulations, and Thank You from Küppersbusch

for selecting your dishwasher. You have joined the many consumers who demand quiet and exceptional performance from their dishwashers. This manual was written with your safety and convenience in mind and the information contained herein is very important. We, at Küppersbusch, highly recommend that you read this manual prior to using your dishwasher for the first time. As an added convenience, a glossary of **KÜPPERSBUSCH DISHWASHER FEATURES DESCRIPTIONS** has been added to this manual so you can truly understand and appreciate the philosophy put into this exceptional product.

Enjoy!

ENGLISH - 1

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IMPORTANT SAFETY INSTRUCTIONS

WARNING



WARNING — When using your dishwasher, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and/or injury to persons, including the following:

1. Küppersbusch dishwasher are provided with two manuals; one, Installation Instruction Manual and one, Use and Care Manual. Read all instructions before using the dishwasher.
2. Use the dishwasher only for its intended function.
3. Use only detergents or wetting agents recommended for use in a dishwasher and keep them out of the reach of children.
4. When loading items to be washed:
 - a. Locate sharp items so that they are not likely to damage the door seal; and
 - b. Load knives and other sharp utensils with handles up to reduce the risk of cut-type injuries.
5. Do not wash plastic items unless marked "dishwasher safe" or the equivalent. For plastic items not so marked, check the manufacturer's recommendations.
6. Do not touch the heating element during or immediately after use.
7. Do not operate your dishwasher unless all the enclosure panels are properly in place.
8. Do not tamper with controls.
9. Do not abuse, sit on, or stand on the door or dish rack of the dishwasher.
10. To reduce the risk of injury, do not allow children to play in or on the dishwasher.
11. Under certain conditions, hydrogen gas may be produced in a hot water system that has not been used for two weeks or more. Hydrogen gas is explosive. If the hot water system has not been used for such a period, before using the dishwasher turn on all hot water faucets and let the water flow from each for several minutes. This will release any accumulated hydrogen gas. As the gas is flammable, do not smoke or use an open flame during this time.
12. Remove the door to the washing compartment when removing an old dishwasher from service or discarding.

SAVE THESE INSTRUCTIONS!

GROUNDING INSTRUCTIONS

This appliance must be connected to a grounded metal, permanent wiring system, or an equipment grounding conductor must be run with the circuit conductors and connected to the equipment grounding terminal or lead on the dishwasher.

WARNING — This dishwasher must be grounded in accordance with the National Electrical Code and/or local codes. Make sure this dishwasher has been properly grounded and installed by a qualified installer before using.

ENGLISH - 3

DISHWASHER COMPONENTS

Figure 1, below, identifies the components of your dishwasher, and shows the page number(s) in this manual on which more information about the component is available. Familiarize yourself with the various parts of your dishwasher before you attempt to wash the first load of dishes.

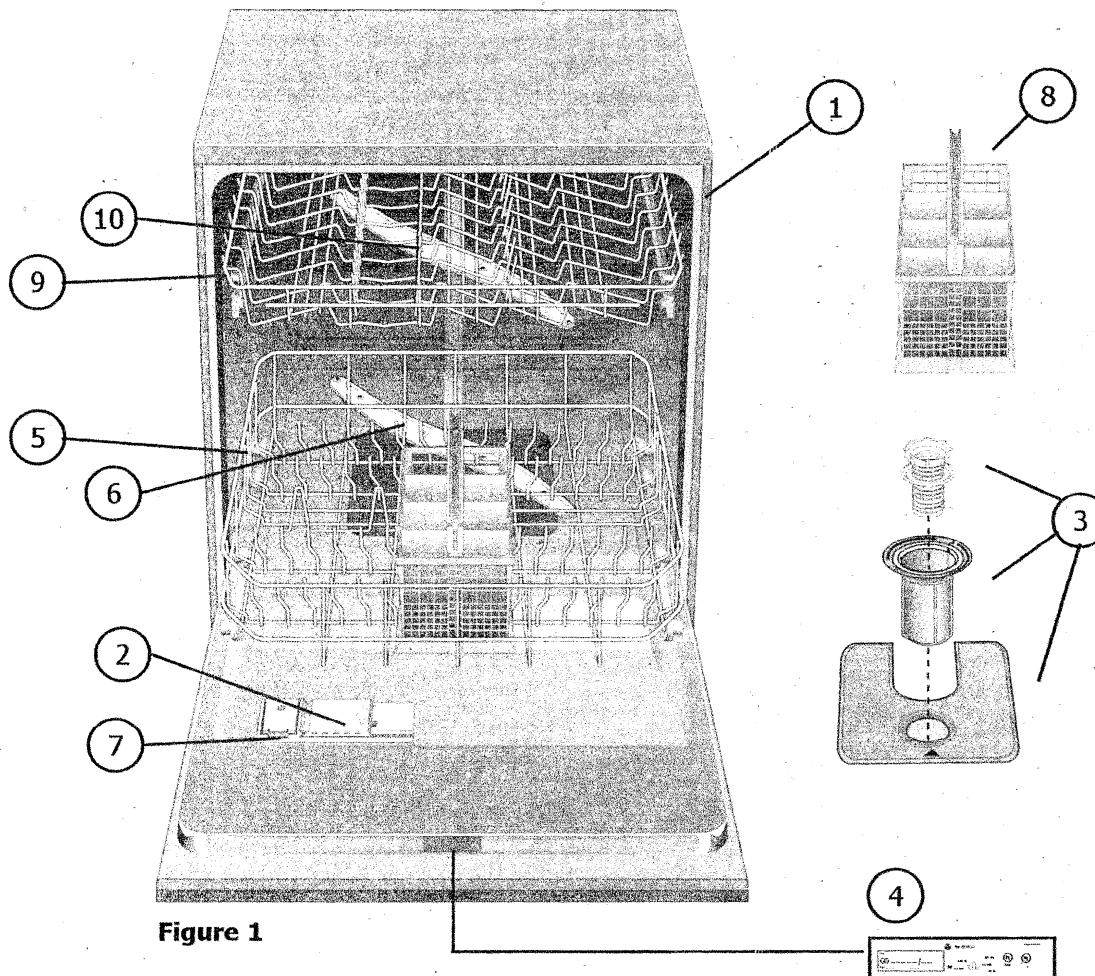


Figure 1

Components:

Page Number:

1.	Door gasket	Pg.	19
2.	Detergent Dispenser	Pg.	9
3.	Filters (3)	Pg.	18
4.	Model and Serial Number Label	Pg.	22
5.	Bottom Rack	Pg.	6
6.	Lower Spray Arm	Pg.	19
7.	Rinsing Agent Dispenser	Pg.	10
8.	Silverware Basket	Pg.	8
9.	Top Rack	Pg.	7
10.	Upper Spray Arm	Pg.	19

MATERIALS CHART

Important: Before you wash anything in the dishwasher, check the materials chart shown below in Table 1. Some materials are not dishwasher-safe and should be hand-washed. Others require special loading considerations. Before washing any dishware or cookware, contact the manufacturer of the material to confirm that it is dishwasher-safe.

Materials Chart

MATERIAL	DISHWASHER USE	COMMENTS AND/OR SPECIAL INSTRUCTIONS
ACRYLIC	NOT RECOMMENDED	Crazing may occur.
ADHESIVE JOINED ITEMS	NOT RECOMMENDED	Items joined by adhesives, whether plastic, wood, bone, steel, copper or tin, etc. may be loosened.
ALUMINUM	USUALLY SAFE	Colored anodized aluminum may fade over time. Minerals in the water may cause spotting or darkening of aluminum. This can usually be removed by scouring with a soap filled steel wool pad.
BONE HANDLED UTENSILS	NOT RECOMMENDED	Handles may separate.
CHINA, CRYSTAL, & STONEWARE	USUALLY SAFE	Decorated china, stoneware, and crystal that is hand-painted or trimmed may discolor, fade, or spot. You should hand-wash these items. Position fragile glassware so that it will not topple over or come in contact with other dishes during the wash cycle. If you are not sure whether a particular item is dishwasher safe, contact the dish manufacturer.
GLASS	USUALLY SAFE	Milk glass may yellow.
IRON	NOT RECOMMENDED	Iron will rust. Wash by hand and dry immediately.
NON-DISHWARE ITEMS	NOT RECOMMENDED	The Küppersbusch dishwasher is only intended for use in cleaning standard household dishware items.
NON-STICK COATINGS	USUALLY SAFE	After drying the non-stick coating should be covered with a light coating of vegetable oil.
PEWTER, BRASS, & BRONZE	NOT RECOMMENDED	Pewter will tarnish. Wash by hand and dry immediately.
PLASTIC	USUALLY SAFE	Wash only "dishwasher-safe" plastics. Decorated plastics may fade.
STAINLESS STEEL	USUALLY SAFE	Do not let stainless steel items contact copper, sterling silver, silverplate, or dissimilar metal items.
STERLING SILVER & SILVERPLATE	USUALLY SAFE	Do not let sterling silver or silverplate items come in contact with dissimilar metal items.
TIN	NOT RECOMMENDED	Tin will rust. Wash by hand and dry immediately.
WOOD	NOT RECOMMENDED	Wooden bowls, wooden utensils and wood handled utensils can warp, crack, or lose their finish.

Table 1

LOADING THE DISHWASHER

Pre-Load Preparation

- Remove large particles of food from the dishes before food has a chance to dry, but rinsing is not necessary.

Food soils will actually enhance the detergent's performance.

- Use the Rinse & Hold cycle if waiting an extended period of time before washing.
- Pre-soak and hand-scour pots and pans with burned-on or blackened food.
- **Do not place foreign objects, such as toothpicks, paper products, plastic bags, or packaging materials, into the dishwasher!**

Before loading the dishwasher, review the material chart provided on Page 5.

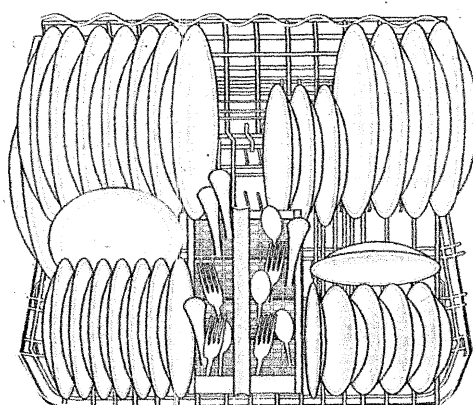
General Loading Tips

- Load dishwasher so water can circulate freely and reach every part of item.
- Do not allow delicate items to touch - they could be damaged.
- Place items upside down - so water does not collect inside of them.
- Place items so that nothing protrudes through the bottom of the racks - this could block the rotation of the spray arms.

Loading the Bottom Rack

Place large and/or heavily soiled items in the bottom rack of the dishwasher. Load heavily soiled pots and pans face down, as shown in Figure 4. For larger items, fold down the rear tines on the bottom rack. When in the down position, they can hold extra large utensils, such as serving spoons or large knives.

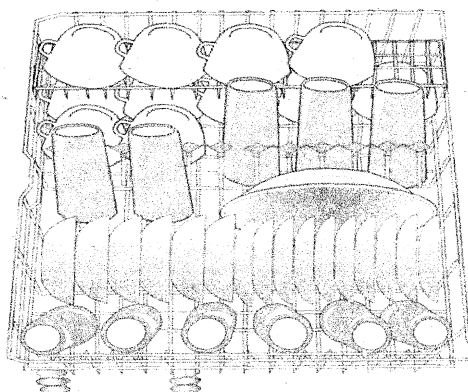
Bottom Rack



AHAM DW-1 - 11 Place Setting

Figure 2

Top Rack



AHAM DW-1 - 11 Place Setting

Figure 3

Bottom Rack

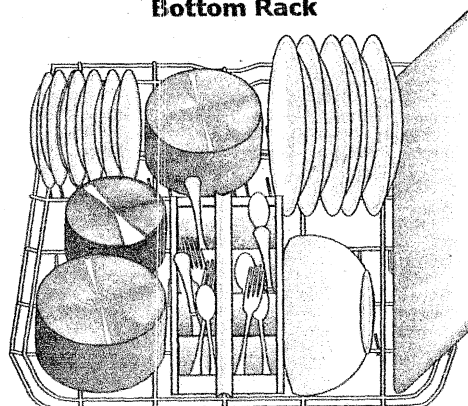


Figure 4

LOADING THE DISHWASHER

Loading the Top Rack

The upper rack of the dishwasher has been designed with flexibility in mind. Glasses, cups, plates, bowls and small pots may be loaded in many different positions to fit your needs. Figure 5 shows a typical mixed load for the upper rack.

Cup Shelves

- Flip down cup shelves.
- Place glasses upside down with stems resting in the "V" of the shelves.

Rackmatic Adjustment

The top rack height of the Küppersbusch dishwashers is adjustable. There is an upper and lower position for the top rack which is used to accommodate items with different heights.

How to Lower and Raise the Rack:

- First, pull out the top rack.

To Lower Rack

- Press the levers simultaneously (one on the left and one on the right sides of the rack). Always hold the sides of the rack on the upper edge, otherwise it will not drop smoothly (and may damage the utensils).

To Raise Rack

- Take hold of the rack on the upper edge and pull upwards.
- Before you re-insert the rack, ensure that it is at the same height on both sides. Otherwise, the appliance door will not close and the upper spray arm will not connect to the water circuit.

Top Rack Height:

Max. height 8" (upper position)
Max. height 10" (lower position)

Bottom Rack Height:

Max. height 12" (top rack in lower position)
Max. height 14" (top rack in upper position)

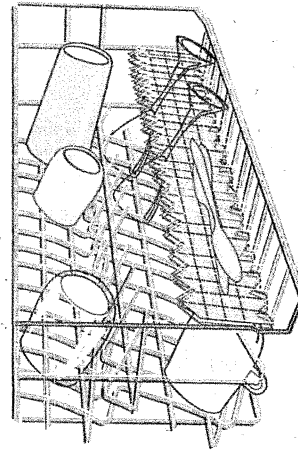


Figure 5

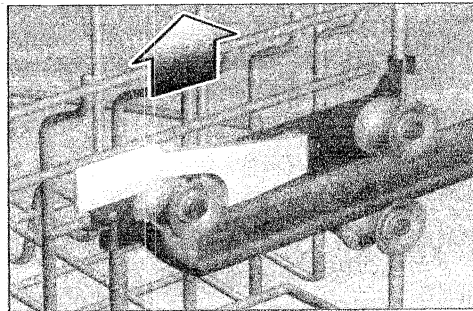


Figure 6

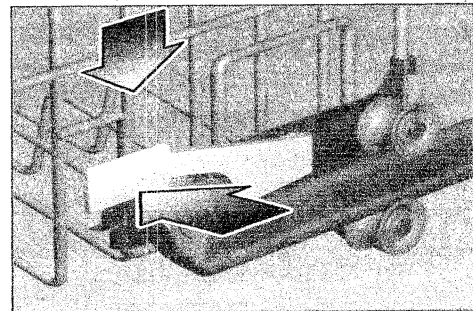


Figure 7

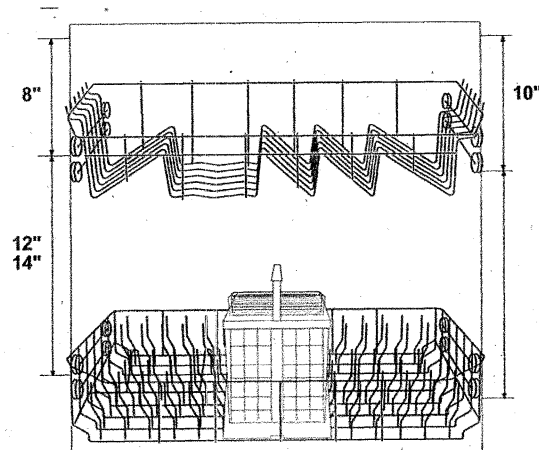


Figure 8

LOADING THE DISHWASHER

Loading the Silverware Basket(s)

Your Küppersbusch dishwasher has a large and a small silverware basket in the bottom rack. For personal safety and a top quality clean, place the silverware in the baskets:

- so that they do not nest together.
- place silverware with handles-down, but
- place knives and other potentially dangerous utensils handles-up.



Caution: Always load sharp utensils with the sharp point down !

NESTING SILVERWARE

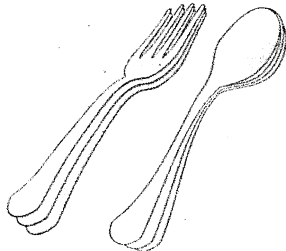


Figure 9

Large Silverware Basket with Lid

The Küppersbusch dishwasher model you have purchased also comes with a large silverware basket with lid. To use, first fold the basket lids down (snap in place), then load silverware. The lid will prevent nesting of silverware (see Figure 9). Refer to Figures 10 and 13 for recommended silverware loading.

Below is an example of a silverware loading pattern that prevents nesting.

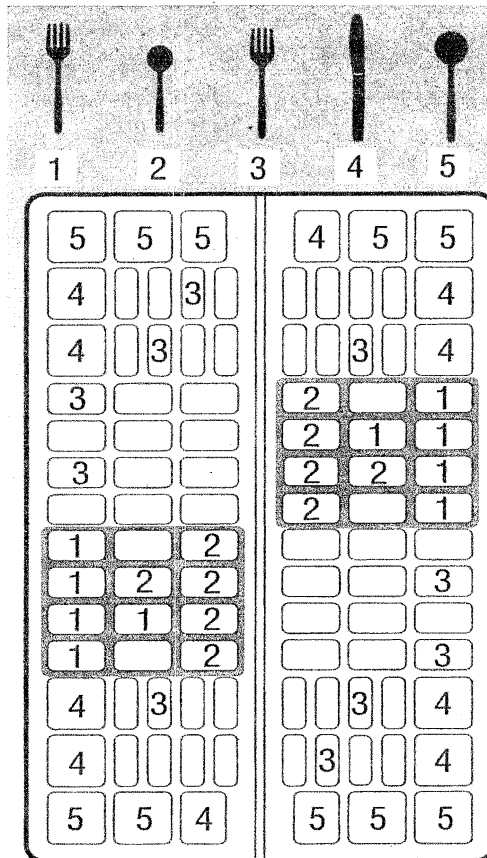


Figure 10



Figure 11



Figure 12

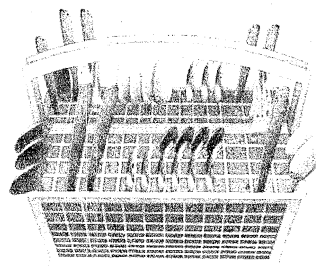


Figure 13

ADDING DETERGENT

Selecting the Right Detergent

Use only fresh dishwashing detergent (powder is recommended). Use of other types of detergents can result in excessive suds. Concentrated detergents usually call for lower usage than standard detergents.

Filling the Detergent Dispenser

1. Locate the detergent dispenser on the inside door of the dishwasher (see Figure 1).
2. Open the detergent dispenser cover by pushing the release tab.
3. Fill dispenser. Measure the amount of detergent to use based on the cycle selected and the water hardness (see chart below).
4. Close dispenser. With fingers on arrow, slide cover over the detergent chamber and press down on the arrow until it clicks shut.

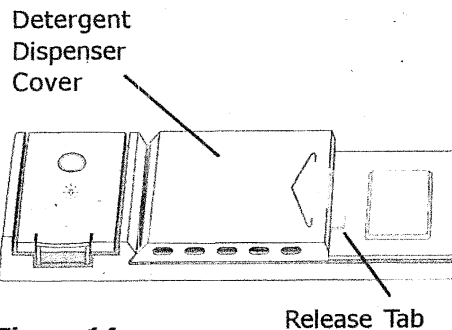


Figure 14

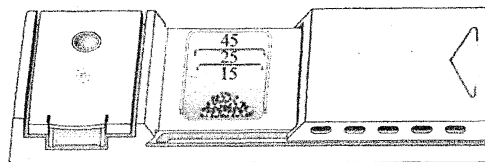


Figure 15

The detergent will automatically be dispensed during the wash portion of the cycle.

Important: Too much detergent combined with soft water may cause etching of glassware.

Recommended Detergent Usage

WATER TYPE	WASH CYCLE					
	Pots and Pans	Intensive	Normal Wash	Delicate	Quick Wash	Rinse & Hold
Hard	45 ml	45 ml	25-45 ml	25 ml	15-25 ml	None
Medium	45 ml	25-45 ml	25 ml	15-25 ml	15 ml	None
Soft	25-45 ml	25 ml	15-25 ml	15 ml	15 ml	None

Table 2

ADDING RINSE AGENT

Rinse Agent

Rinse agent, or a rinse aid, is used to provide optimum drying results and diminish water spotting. **Always** use a rinse agent with the Küppersbusch dishwasher to insure proper drying results. It rinses the dishwasher and also rinses the internal parts of the dishwasher.

How to Fill the Rinse Agent Reservoir

1. Open the dishwasher door fully.
2. Open the cover of the rinse agent dispenser by pressing the star on the cover with your index finger while pulling on the tab with your thumb.
3. Add rinse agent to the reservoir until the level indicator turns dark, indicating that the reservoir is full (capacity is approx. 3.5 oz.).
4. Close lid until snaps shut.

Rinse Agent Dispenser Regulator

The Küppersbusch Rinse Aid Dispenser Regulator is provided with a regulator calibrated from 1 to 6. (See Figure 16). This regulator controls the amount of rinse agent dispensed. The dishwasher leaves the factory preset to 4. However,

- if you see streaks, you should turn the regulator to a lower number.
- if you see water spots, you should turn the regulator to a higher number.

Rinse Agent Indicator Light and Indicator Level

Küppersbusch models are equipped with an additional rinse aid indicator light on the control panel. When the rinse agent dispenser is empty, not only will the indicator level show a silver background with black lines, but the indicator light will also be illuminated. After filling the rinse agent dispenser, close the door and wait a few minutes for the indicator light to register.

TO ADJUST RINSE AGENT REGULATOR SETTING:

1. OPEN THE COVER OF THE RINSE AGENT DISPENSER.
2. TURN THE SETTING INDICATOR TO THE DESIRED SETTING.

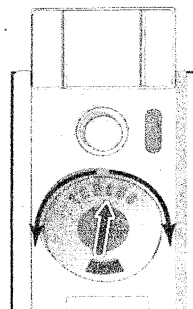


Figure 16

Note: Refill rinse agent when the level indicator shows a silver background with black lines.

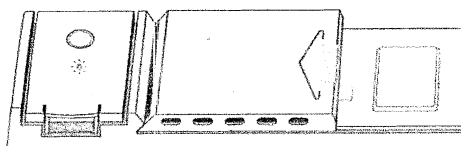


Figure 17

Rinse agent is available in liquid or solid form. Only use the liquid type of rinse agent in the Küppersbusch dishwasher.

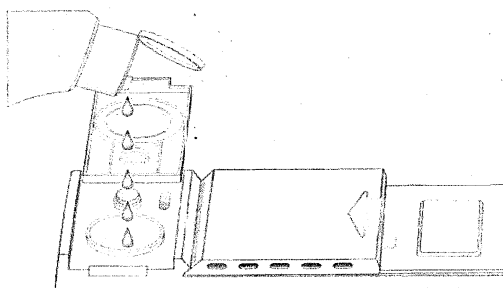


Figure 18

KÜPPERSBUSCH DISHWASHER CONTROLS

Küppersbusch Model IGVS669

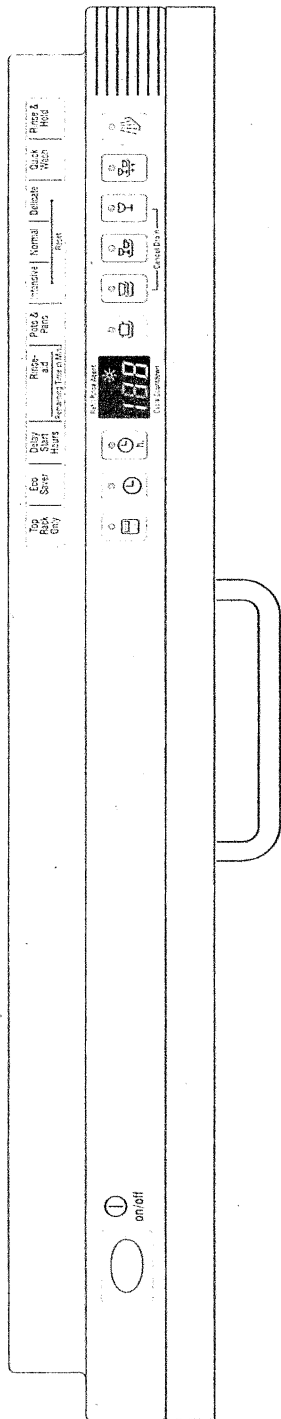


Figure 19

CYCLE SELECTION CHARTS

Cycle Selection Chart for Küppersbusch Model IGVS669

TYPE OF DISHWARE	NON-DELICATE	MIXED			DELICATE	MIXED
AMOUNT OF FOOD REMAINS	A LOT	A LOT	A LITTLE	A LITTLE	VERY LITTLE	
CONDITION OF FOOD REMAINS	STUCK ON HARD		LOOSELY ATTACHED			
WASH CYCLE	POTS AND PANS	INTENSIVE	NORMAL WASH	DELICATE	QUICK WASH	RINSE & HOLD
CYCLE SEQUENCE	Pre-rinse	Pre-rinse	Pre-rinse			Pre-rinse
	Pre-wash 125°F	Wash 150°F	Wash 140°F	Wash 140°F	Wash 104°F	
	Wash 161°F	First Rinse	Rinse	Rinse	Rinse	
	First Rinse	Second Rinse	Rinse-aid 161°F	Rinse-aid 155°F	Rinse-aid 140°F	
	Second Rinse	Rinse-aid 161°F	Drying	Drying	Drying	
	Rinse-aid 161°F	Drying				
	Drying					
ECO Saver Duration in minutes	85	80	78	61	29	9
Cycle Duration in minutes	99	95	91	72	29	9
Water consumption in gallons	7.1	6.0	5.4	3.6	2.7	1.2
Water consumption in liters	26.9	22.7	20.4	13.6	10.2	4.5

Table 3

Shown above are the average values that may be obtained while running the dishwasher under normal conditions. Actual values may vary. The actual cycle duration, water and energy usage are dependent upon inlet water temperature.

SELECTING A WASH CYCLE

The dishwasher will wash and dry the contents based on cycle selection made. Refer to Table 3: "Cycle Selection Chart" to select the most appropriate cycle for the wash load.

Follow these steps to select a cycle and start the dishwasher:

Note: All indicator lights will remain illuminated until the on/off switch is pressed or the door is opened.

Select a Cycle and Start Dishwasher:

1. Open dishwasher door.
2. Press the on/off switch.
3. Push the button once for the program desired.
4. Close door until it latches and the program will begin.
5. At the end of the cycle the dishwasher will stop, the LED display will show "0", and the dishwasher will beep if the "Cycle Completion Beeper" is enabled).

Model IGVS669



Figure 21

To change program, push the desired button ONCE if another program button is lit up.

END OF CYCLE INDICATORS

- * "0" is displayed on the LED.
- * Cycle Completion Beeper sounds off

INTERRUPTING, CHANGING OR CANCELLING A CYCLE

Cycle Interruption

As a safety feature the dishwasher will automatically turn itself off whenever the door is opened. However, if the door is opened quickly while in a wash or rinse cycle some water may splash out of the dishwasher. For this reason it is recommended that you wait 10 seconds before opening the door.

To Interrupt a Cycle

1. Press the on/off button to stop operation.
2. Wait at least 10 seconds (or until the water noises stop) before opening the door.

To Resume a Cycle

Push the on/off button and close the door.

Changing a Cycle

To change the cycle selection, press the program button of the desired cycle ONCE. The chosen cycle button (or the light above it) becomes illuminated, showing that it has been selected.

Cancelling a Cycle

Each control panel shows which buttons to simultaneously push to cancel a cycle. Refer to your dishwasher to find the "Cancel Drain" buttons on your particular model.

1. Open the dishwasher door. Press the indicated buttons at the same time and hold for approximately 3 seconds.
2. Close the door. When the drain pump noises stop, open the door. If the LED displays "0" then the end of the cycle has been reached and the dishwasher is reset.
3. Turn dishwasher off (push the On/Off button).
4. The dishwasher is now ready to run a selected cycle. Add more detergent if necessary.

WARNING
DO NOT PULL DOOR FULLY OPEN WHILE DISHWASHER IS IN OPERATION. QUICKLY OPENING THE DOOR WHILE DISHWASHER IS IN OPERATION COULD RESULT IN SERIOUS SCALDING.

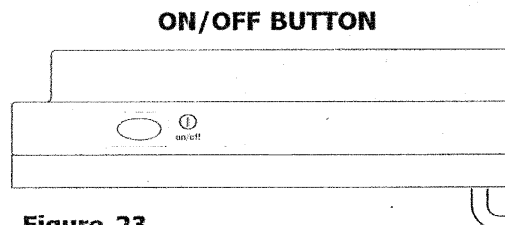


Figure 23

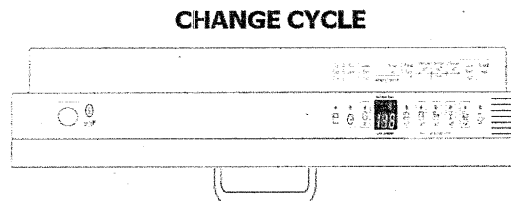


Figure 24

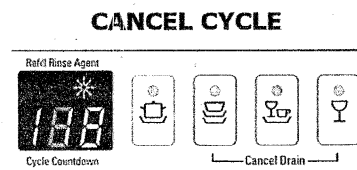


Figure 25

UNLOADING THE DISHWASHER

Condensation Drying

The combination of a high final rinse temperature, the tub's cool stainless steel interior, and the sheeting action of a Rinse Agent result in effective and efficient drying. The closed condensation drying feature is hygienic, and saves energy and money. For best drying results, it is important that the Rinse Aid Dispenser be kept full.

Additional Drying Temperature Option

1. Open the door, hold down the "Regular" button and simultaneously turn the dishwasher on. The display will blink with a code of "0" or "1". Release the buttons. You are in program mode.
2. If the display blinks with a "0", you are programmed for a lower temperature rinse. If the display blinks with a "1", you are programmed for a higher temperature rinse, thus improving dish drying.
3. To change the program code, press the "Regular" button.
4. When you have the desired code selected, turn the dishwasher off to take it out of program mode.

Unloading

When unloading the dishwasher always unload the lower rack first and then unload the upper rack. This will minimize the chance of water drops from the upper rack falling on the dishes in the lower rack. The silverware basket(s) of the Küppersbusch dishwasher can be removed for easy unloading.

The dishware tends to get hot immediately following a completed cycle. If the door is opened slightly for a few minutes before unloading, the dishes will cool more quickly.



Figure 26

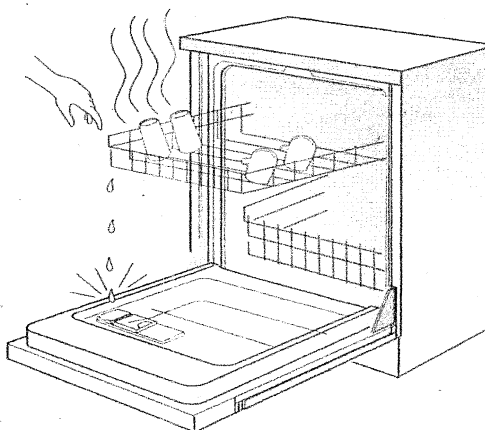


Figure 27

SPECIAL FEATURES

Delayed Start

On a few Küppersbusch dishwashers, the start of the washing cycle can be delayed for up to 19 hours in 1-hour increments. Follow these steps to delay the start of a wash cycle:

1. Press the on/off button. The indicator light for the cycle that was last selected illuminates.
2. Immediately press the timer button labeled DELAY-START-HOURS and the LED display will show "1h".
3. Press the DELAY-START-HOURS button as many times as necessary until the LED display shows the desired number of hours. (Ex: 1h, 2h, 3h...).
4. Close the door of the dishwasher securely until the latches snap shut.

Top Rack Only™

Küppersbusch models have a Top Rack Only that saves energy and water when you have only a small load of dishes. Also, you'll use less detergent for the Top Rack Only. The washing time, however, is not reduced.

The upper rack of the dishwasher has been designed with flexibility in mind. You can load glasses, cups, plates, bowls and small pots in many different positions to fit your needs. Figure 29 shows a typical mixed load placed correctly in the upper rack for the Top Rack Only.

ECO Saver

The Küppersbusch dishwashers come with a time reduction button called the "ECO Saver". After choosing a wash cycle, push the "ECO Saver" button. The washing time will be reduced by approximately 15 minutes. Refer to the "Cycle Selection Chart" for exact cycle time.

* The ECO Saver button does not work in conjunction with the "Quick Wash" or "Rinse & Hold" cycles.

DELAY START BUTTON

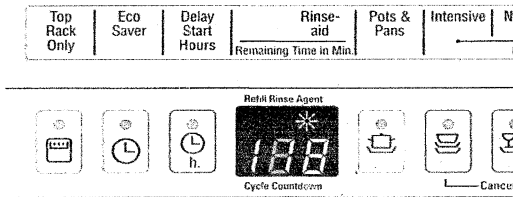


Figure 28

The cycle can be changed at any time during the delay.

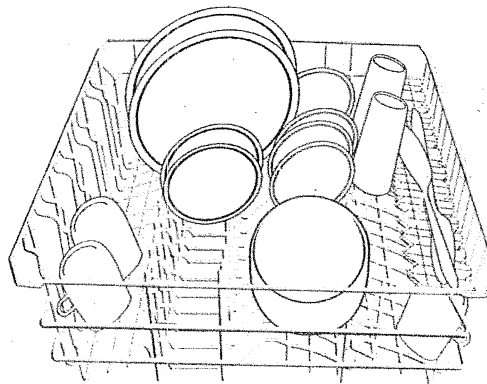


Figure 29

ECO SAVER BUTTON

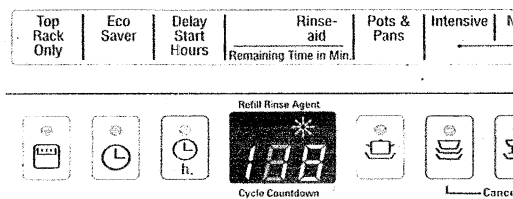


Figure 30

Cycle Completion Signal

1. Open door, hold down "Delay Start Hours" button and simultaneously turn dishwasher on.
2. The display will blink with a code of "0", "1" or "2".
3. Release the buttons. You are in program mode.
 - If the display blinks with a "0", you will hear no signal (indicates OFF).
 - If the display blinks with a "1", you will hear a LOW volume signal.
 - If the display blinks with a "2", you will hear a HIGHER volume signal.
4. To change program code, press the "Delay Start Hours" button.
5. When you have the desired code selected, turn the dishwasher off to take it out of program mode.

Accommodating Extra Tall Items

If you have extra tall items that cannot fit in the bottom rack without interfering with the upper spray arm or without hitting the top rack (max. height 22"), you can remove the upper rack. A special accessory, the Extra Tall Item Sprinkler, lets you run the dishwasher with top rack removed. See Figures 31 and 32.

Installing "Extra Tall Item Sprinkler"

1. With top rack empty, remove it from the dishwasher by pulling the rack toward you to the point where you can lift it up and out, disengaging the wheels from the side rails.
2. Place the "Extra Tall Item Sprinkler" over the top rack spray outlet at the back of the dishwasher tub and turn it clockwise to lock the sprinkler head in place. See Figure 32.
3. Place the extra tall items in the bottom rack for washing, as shown in Figure 31. To remove the Extra Tall Item Sprinkler, turn it counterclockwise and pull it out. Then replace the top rack.

At the end of a wash cycle, the beeper will sound off two times, and again every 15 minutes until the dishwasher is turned off.

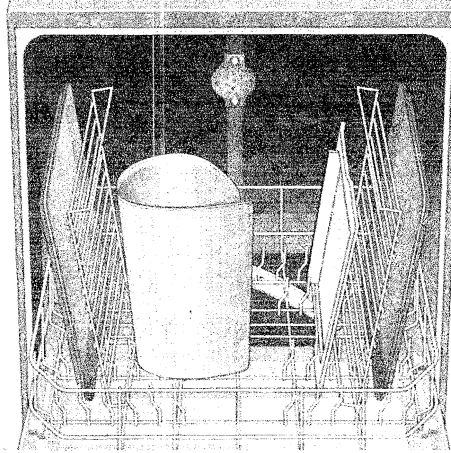


Figure 31

Note: Be sure to *remove* the Extra Tall Item Sprinkler before you reinstall the top rack, otherwise the door could become damaged and not close properly.

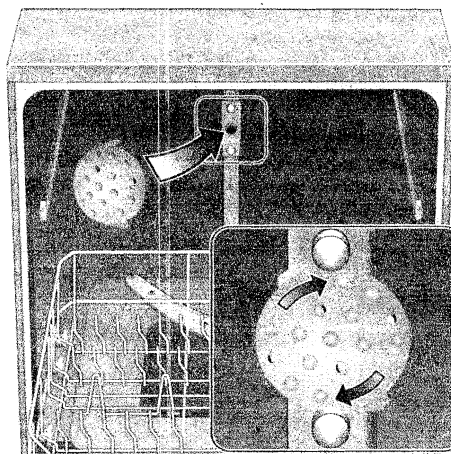


Figure 32

CARE AND CLEANING

General Maintenance

Certain areas of your Küppersbusch Dishwasher require periodic owner inspection. The following maintenance tasks can be performed to help assure top performance:

- Check the Large Object Trap *
- Check the Wash Arms
- Clean Stainless Steel Inner Door
- Clean Door Panel (Stainless Steel or Colored)
- Clean the Door Gasket

These tasks are described in subsequent sections.

Clean Filters

Under normal use, the filter system is self-cleaning. The purpose of the Large Object Trap is to help prevent undesirable objects such as bones, glass, straws and toothpicks from damaging the pump system. Items such as these should be removed from the Large Object Trap.

* Küppersbusch dishwashers have a triple filter system composed of a Microfilter, a Fine Filter and a Large Object Trap.

To Remove the Large Object Trap:

1. Turn the ring handle (as shown in Figure 34) 1/4 turn counter-clockwise and lift out.
2. Lift out the large object trap for inspection.
3. If large solids, such as bones, large seed(s), or paper labels are present, remove them by hand. The Large Object Trap can also be flushed out by holding it under running water.
4. If necessary, the micro and fine filters can be removed at this time.

To Re-insert the Large Object Trap in the Dishwasher:

1. Press the filters firmly into position.
2. Turn 1/4 turn clockwise until locked.
3. Pull gently to ensure that it is locked in place.

Triple Filter System

1. Large Object Trap

2. Micro Filter

3. Fine Filter

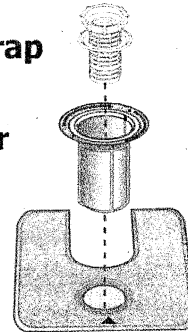


Figure 33

Turn left to loosen (counter-clockwise) and right to tighten (clock-wise).

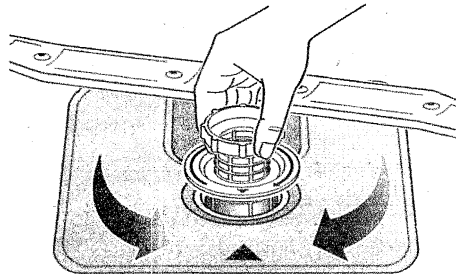


Figure 34

Take out Large Object Trap, Microfilter and Fine Filter to inspect and clean.

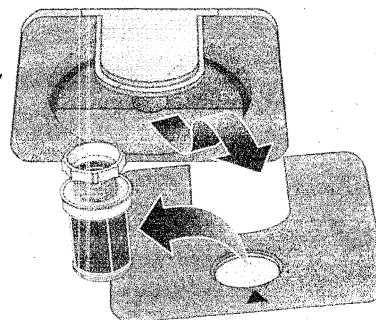


Figure 35

Check Wash Arms

The wash arms should be checked periodically to ensure that the spray orifices are clear and unobstructed. If the wash arms require cleaning they are easy to remove and replace:

1. The lower wash arm simply snaps into place. Pull gently upwards to remove it.
2. The upper wash arm is held in position by a locking nut. Turn the locking ring approximately 1/8 turn clockwise to release the arm. See Figure 36.
3. After cleaning, reinstall the wash arms.

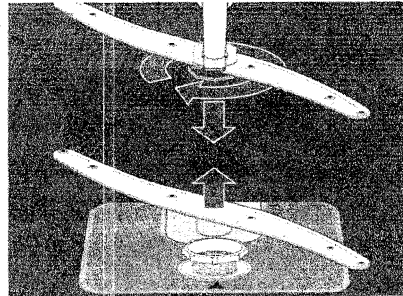


Figure 36

Clean Stainless Steel Tank and Inner Door

Clean the outer edges of the inside door panel regularly to remove food particles that can gather there from normal loading. If spots begin to appear on the stainless steel tank or inner door, check to make sure that the rinse agent reservoir is full.

Clean Door Gasket

Clean the door gasket regularly to remove food particles that can gather from normal loading. If necessary clean the door gasket using a damp cloth.

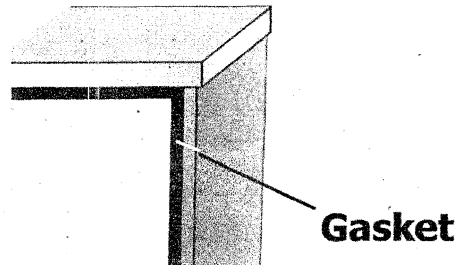


Figure 37

Clean Outer Door

Colored Doors

Use only soft cloth that is lightly dampened with soapy water. Do not use paper towels or an abrasive cloth.

Stainless Steel Doors:

Use a soft cloth with a non-abrasive stainless steel cleaner. For best results, apply stainless steel cleaner directly to the cloth, then wipe the surface. Do not use metal scouring pads to clean the stainless steel surfaces as these can scratch the surface and leave metal fragments that can rust.

SELF-HELP

Dishwashers may exhibit problems that are unrelated to a malfunction of the dishwasher itself. The following table may serve to answer your question about a problem you are having without having to call a repair person.

PROBLEM	POSSIBLE CAUSE
Dishes do not dry	Rinse-aid dispenser is empty. Fill rinse-aid dispenser.
Indicator light(s) do not come on	A fuse may have blown or a circuit breaker tripped. Replace fuse or reset circuit breaker at your fuse box/breaker box.
Dishwasher does not start	Door of dishwasher not properly closed. Close dishwasher making sure that door latches.
Dishwasher runs a long time	If the dishwasher completes the cycle, but the run time seem exceptionally long it is probably due to cold incoming water. To avoid this problem it is recommended that before starting the dishwasher: open the hot water faucet at the sink nearest the dishwasher and run the water until it runs hot. Then turn off the water and start the dishwasher.
Machine cycle does not advance to rinse	Water line is closed or inlet filter is blocked. Open water valve and/or check inlet filter.
Water not pumped from dishwasher	Kink in drain hose. Filter clogged. Kitchen sink clogged. Air gap (type installed at sink) clogged. Check drain hose and fine and coarse filters (see section titled CARE and CLEANING). Check kitchen sink to make sure it is draining well. If problem is kitchen sink not draining you may need a plumber rather than a serviceman for the dishwasher.
Detergent dispenser lid will not close	A program was not completely finished.
Lower spray arm does not rotate freely	Remove lower spray arm and clean arm and spray arm mounts.
White deposits left on dishes	Too little rinse-aid.
Streaks on glassware	Too much rinse-aid used.
Rattling noises	Utensils not properly arranged.
Suds in dishwasher	Incorrect type of detergent used. Use only automatic dishwasher detergents.
Unsatisfactory washing result	<ul style="list-style-type: none"> • Incorrect amount of detergent or rinse agent. • Utensils incorrectly arranged or rack overloaded. • Wash arm rotation blocked by utensils. • Filters not properly fitted into position. • Clogged nozzles in wash arm(s) • Unsuitable program selected.

Table 4

CUSTOMER SERVICE

Your Küppersbusch dishwasher requires no special care other than that described in the care and cleaning chapter. If you are having a problem with your dishwasher, before calling for service please refer to the Self-Help chapter. If service becomes necessary, contact your dealer or installer or an authorized service center. Do not attempt to repair the appliance yourself. Any work performed by unauthorized personnel may void the warranty.

If you are having a problem with your Küppersbusch dishwasher and are not pleased with the service you have received, please take the following steps (in the order listed below) until the problem is corrected to your satisfaction.

1. Call us at:
Toll Free: 1-800-459-0844
Phone: 813-288-8890
Fax: 813-288-8604
2. Write to us at the address below:
KÜPPERSBUSCH USA
4920 West Cypress Street
Tampa, Florida 33607
3. E-mail us from the Customer Service section of our web site, **www.kuppersbuschusa.com**

Please be sure to include (if writing), or have available (if calling), the following information:

- Model Number
- Serial Number
- Date of Original Purchase
- Date Problem Originated
- Explanation of Problem

Also, if writing, please be sure to include a daytime phone number.

You will find the model number and serial number information etched into the top of the inner door of the dishwasher. See Figure 1 for an example.

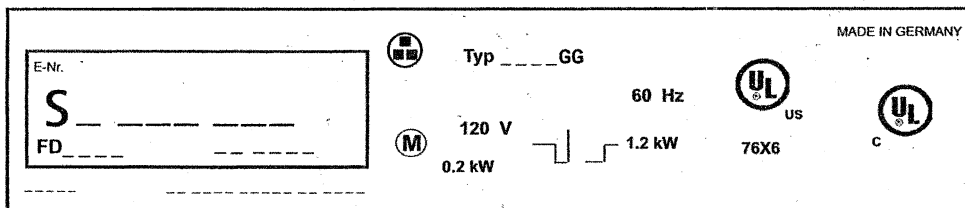


Figure 38

Please make a copy of your invoice and keep it with your manual.

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