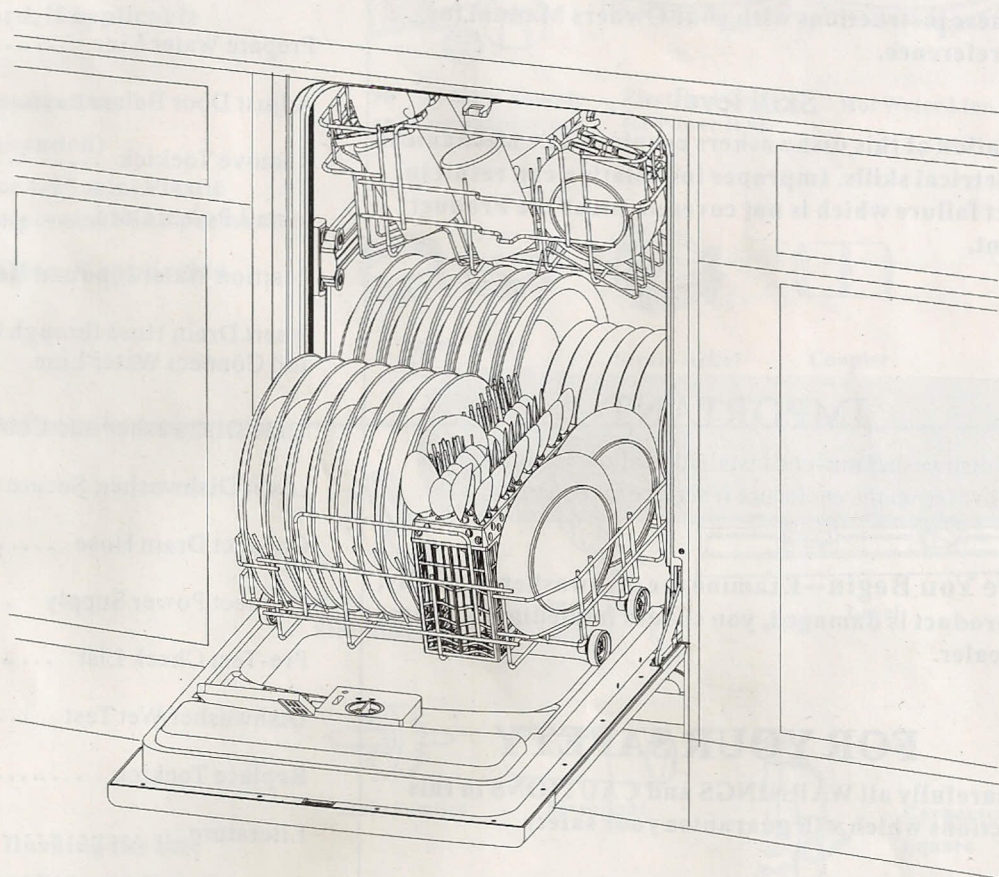


Dishwashers

Installation Instruction

PN 17-1021
WQP8-9122



MAJESTIC APPLIANCES DIV OF MSI
3201 Northwest Lower River Road , #9, Vancouver, WA 98660 USA
WWW.majesticappliances.com

READ CAREFULLY AND KEEP THESE INSTRUCTIONS.

BEFORE INSTALLATION

Read these instructions completely and carefully.

IMPORTANT

Observe all governing codes and ordinances.

Note to Installer

Be sure to leave these instructions for the consumers and local inspectors use.

Note to Consumer

Keep these instructions with your Owners Manual for future reference.

Skill level

Installation of this dishwashers require basic mechanical and electrical skills. Improper installation can result in product failure which is not covered under the Product Warrant.

IMPORTANT

The dishwasher must be installed to allow for future removal from the enclosure if service is required.

Before You Begin--Examine the dishwasher carefully, if the product is damaged, you should immediately contact your dealer.

FOR YOUR SAFETY

Read carefully all WARNINGS and CAUTIONS in this instructions which will guarantee your safety.

CONTENTS

Material You Will Need	1
Tools	1
Unit Dimensions	2
Prepare the Location	2
Conner Installation	2
Ways of Drain Connections.....	2
Prepare Electrical Wiring.....	3
Electrical Requirement.....	3
Prepare Water Line	4
Adjust Door Balance	4
Remove Toekick	4
Install Power Cord	5
Position Water Line and House Wiring.....	5
Insert Drain Hose through Cabinet and Connect Water Line	5
Slide Dishwasher into Cabinet	5
Level Dishwasher, Secure to Cabinet.....	6
Connect Drain Hose	7
Connect Power Supply	8
Pre-Test Check List	8
Dishwasher Wet Test	9
Replace Toekick	9
Literature	9

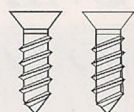
Installation Preparation

MATERIALS YOU WILL NEED :

- ☐ 2 #8 flat head wood screws, 5/8" long to secure dishwasher to underside of countertop or to side of cabinetry (Taped to top or side of dishwasher)
- ☐ Side and top trim pieces
- ☐ Ferrule, compression nut and 90 ° Elbow (3/8"NPT external thread on one end, opposite end sized to fit water supply)
- ☐ Thread seal tape
- ☐ UL Listed wire nuts

Materials For New Installations Only:

- ☐ Air gap for drain hose, if required
- ☐ Waste tee for house plumbing, if applicable
- ☐ Electrical cable or power cord, if applicable
- ☐ Screw type Hose clamps
- ☐ Strain relief for electrical connection.
- ☐ Hand shut-off valve (recommended)
- ☐ Water line 3/8" min. copper or 1/2" min. Plastic (plastic must be tested for temperature and pressure)
- ☐ Coupler for extending drain line, if applicable



Wood Screws



Trim Pieces



Air Gap



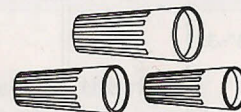
Waste Tee



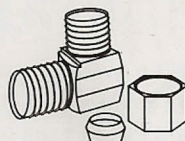
Hand Shut-off Valve



Thread Seal Tape



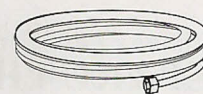
Wire Nuts



90 ° Elbow, Ferrule and Compression nut



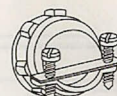
Electrical Cable (or Power cord)



Hot Water Line



Screw Type Hose Clamps



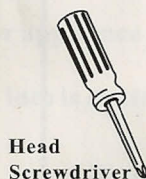
Strain Relief



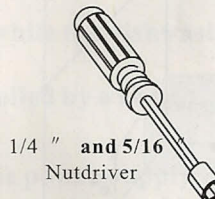
Coupler

TOOLS

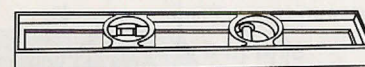
- ☐ Head screwdriver
- ☐ 5/16" and 1/4" nutdriver
- ☐ 6" Adjustable wrench
- ☐ Level
- ☐ Carpenters square
- ☐ Measuring tape
- ☐ Safety glasses
- ☐ Flashlight
- ☐ Bucket to catch water when flushing the line
- ☐ 15/16" socket (optional for skid removal)
- ☐ Gloves
- ☐ Tubing cutter
- ☐ Drill and appropriate bits
- ☐ Hole saw set



Head Screwdriver



1/4 " and 5/16 Nutdriver



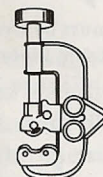
Level



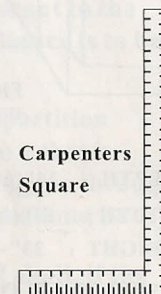
Hole Saw Set



Flashlight



Tubing Cutter



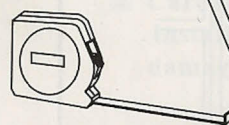
Carpenters Square



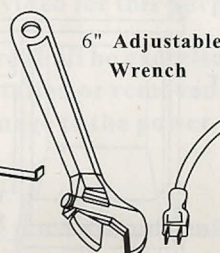
Gloves



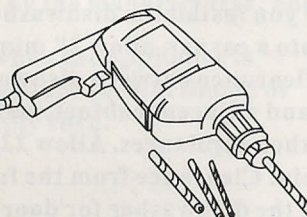
Safety Glasses



Measuring Tape



6" Adjustable Wrench



Drilland Bits

Installation Preparation

UNIT DIMENSIONS

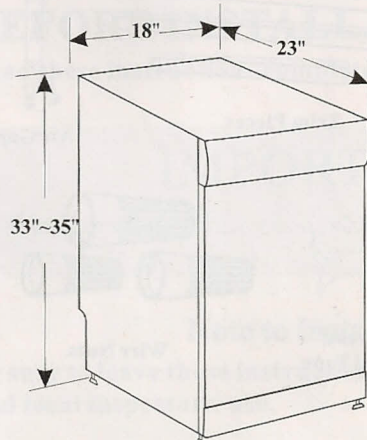


Figure 1

DEPTH : 23"(580mm)
WIDTH : 18"(450mm)
HEIGHT : 33"~35"
(840~890mm)

PREPARE THE LOCATION

The dishwasher should be installed in the kitchen near the sink, which will easier connect the water and drain supply lines.

A build-in dishwasher must be enclosed on the top, both sides and the back.

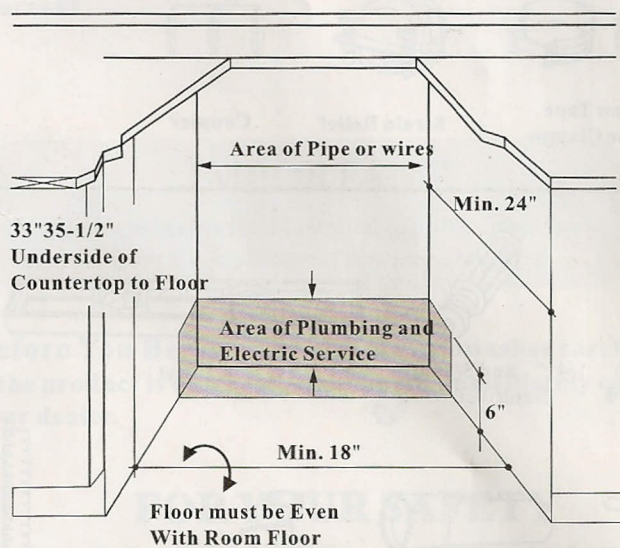
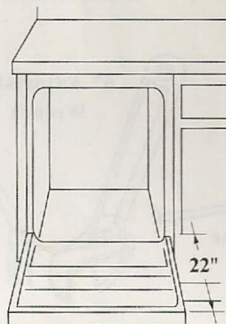


Figure 2

DEPTH : 24"(610mm)
WIDTH : 18"(460mm)
HEIGHT : 33"~35-1/2"(840~900mm)

CONNER INSTALLATION

If you install the dishwasher into a corner, allow 2" min. Clearance between dishwasher and adjacent cabinet, wall or other appliances. Allow 22" min. Clearance from the front of the dishwasher for door opening.



Minimum Clearance 2"

Figure 3

WAYS OF DRAIN CONNECTIONS

The type of drain installation depends on the following question.

- ☐ Air gap is required by the local codes and ordinances
- ☐ Waste tee less than 18" minimum above the floor.

If both answers are yes, choose A and B. Or you should choose C and D.

A) air gap with waste tee

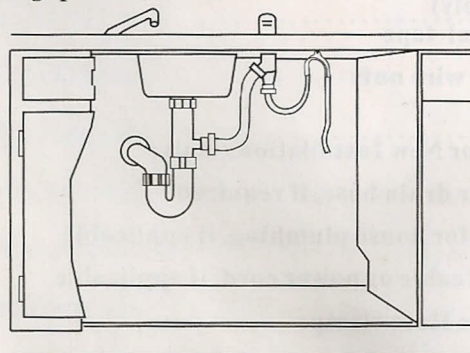


Figure 4

B) air gap with disposer

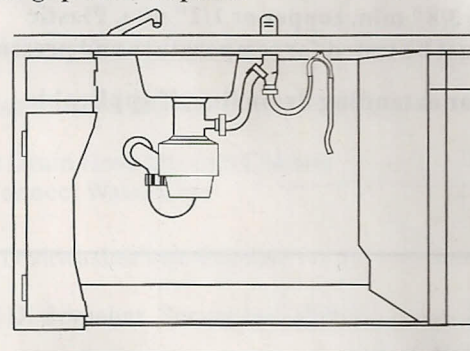


Figure 5

C) waste tee

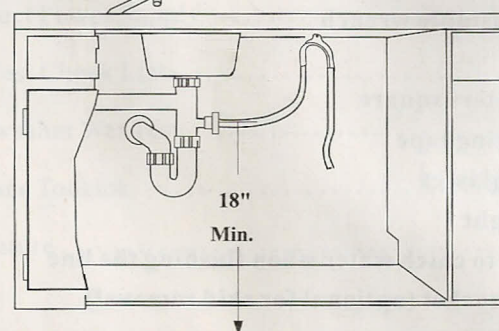


Figure 6

D) disposer

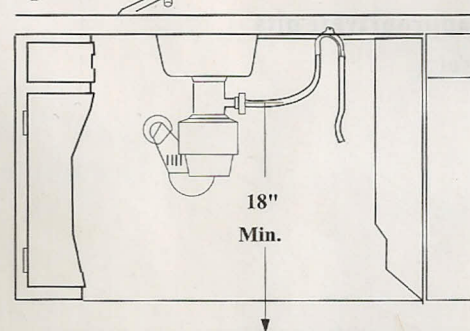


Figure 7

Installation Preparation

PREPARE ELECTRICAL WIRING

⚠ WARNING!

FOR PERSONAL SAFETY:

Remove house fuse or open circuit breaker before beginning installation. Do not use an extension cord or adapter plug with this appliance.

GROUNDING INSTRUCTIONS--Power Cord Models

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

⚠ WARNING!

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. Do you modify the plug provided with the appliance; If it will not fit the outlet, have a proper outlet installed by a qualified electrician.

GROUNDING INSTRUCTIONS--Cable Direct

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 appliance.

ELECTRICAL REQUIREMENT

This dishwasher is designed for operation on an adequately wired individual 120VAC, 60HZ, 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.

If the wall socket you plug the dishwasher's power cord into is controlled by a switch, turn off the switch before installation.

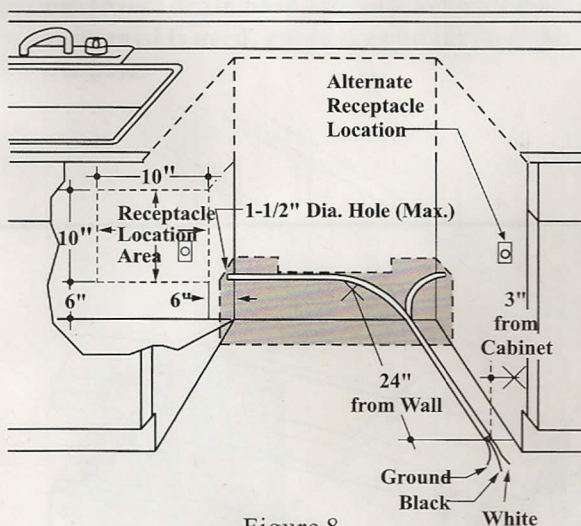


Figure 8

- 1 The power-supply socket for the appliance shall be installed in a cabinet or on a wall adjacent to the undercounter space in which the appliance is to be installed.
- 2 There shall be an opening through the partition between the compartments specified in 1 that is large enough for the attachment plug to pass through. The longest dimension of the opening shall not be more than 38mm.
- 3 The edges of the opening specified in 2 shall, if the partition is wood, be smooth and rounded, or, if the partition is metal, be covered with an edge protector provided for this purpose by the manufacturer; and
- 4 Care shall be exercised, when the appliance is installed or removed, to reduce the likelihood of damage to the power-supply cord.

ELECTRICAL CONNECTION

Electrical connection is on the right front of dishwasher.

For cable direct connections the cable must be routed as shown. Cable must extend a minimum of 24" from the rear wall. For power cord connections, install a 3-prong grounding type receptacle in the sink cabinet rear wall, 6" min. Or 16" max. From the opening, 6" to 16" above the floor.

Installation Instructions

PREPARE WATER LINE

The line may enter from either side, rear or floor within the shaded area.

The line may pass through the same hole as the electrical cable and drain hose. Or, cut an additional. If power cord with cord with plug is used, water line must not pass through power cord hole.

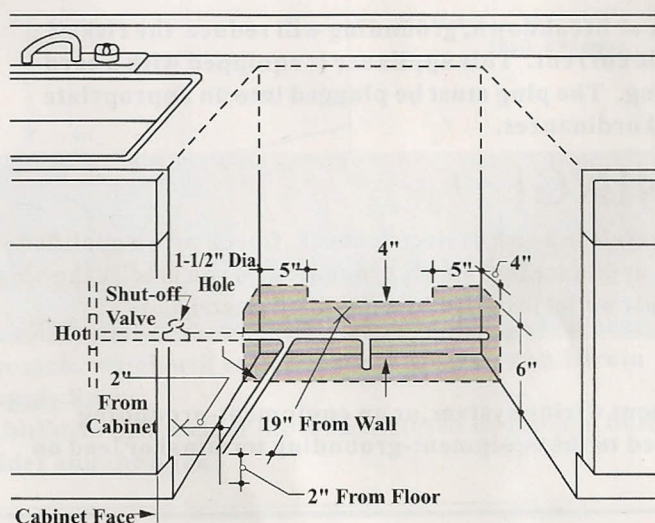


Figure 9

WATER LINE CONNECTION

Note to Consumer

Midea dishwasher could use both hot water and cold water.

- * Turn off the water supply.
- * We suggest you installing a hand shut-off valve in an accessible location, such as under the sink.
- * Water connection is on the left side of the dishwasher. Install the hot water inlet line, using no less than 3/8" O.D. Copper tubing. Route the line as shown and extend forward at least 19" from rear wall.
- * Flush water line to clean out debris.
- * The water pressure must be 0.04~1 Mpa.

ADJUST DOOR BALANCE

Our company have adjusted door balance well. If you do not satisfy the tension of spring or after installing the door panel, you may adjust the spring

- * if door drops open when released, increase spring tension .
- If door closes when released, decrease tension.

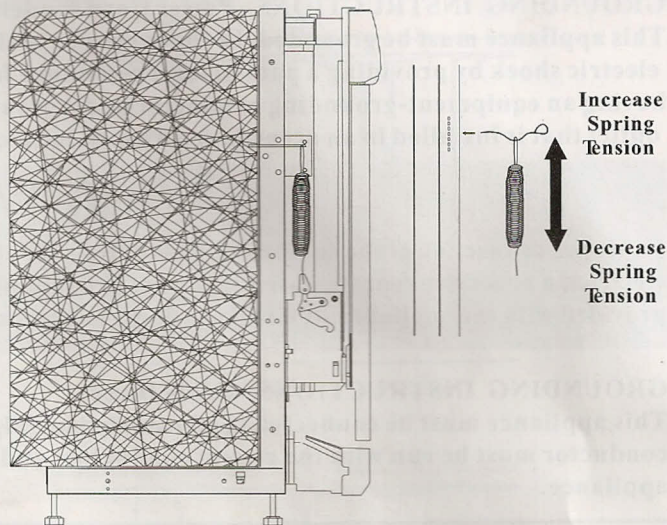


Figure 10

ADJUSTMENT

If door does not open easily or fall too quickly, you should adjust the tension of door spring. Pull out bolt and insert it into lower or higher hole, the spring tension will be increase or decrease. If you do not satisfy the tension still, repeat the process.

REMOVE TOEKICK

Remove the toekick.

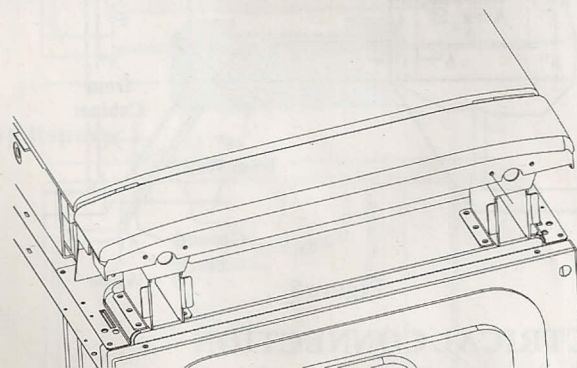


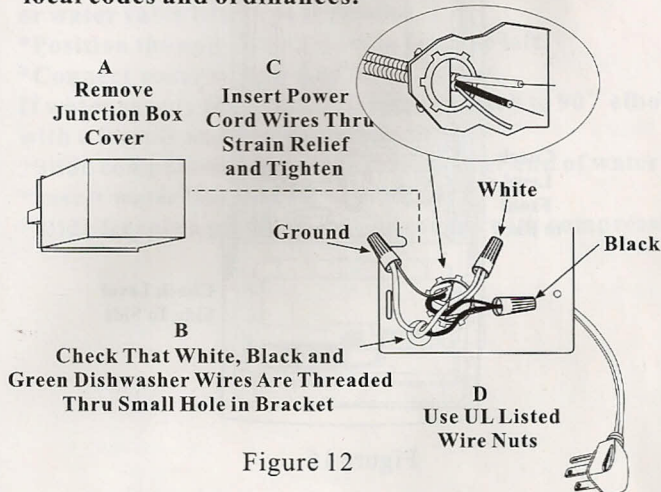
Figure 11

Installation Instructions

INSTALL POWER CORD

Skip this step if dishwasher will be direct wired or has a factory installed power cord.

The power cord and connections must comply with the National Electrical Code, Section 422 and/or local codes and ordinances.

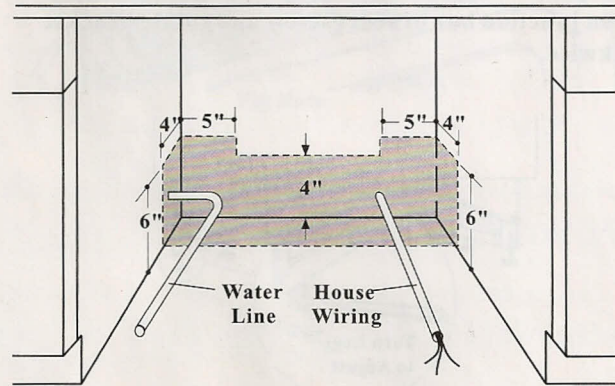


* Connect incoming power cord white (or ribbed) to dishwasher white, black (or smooth) to black and Ground to dishwasher green wire. Use UL listed wire nuts of appropriate size.

* Replace junction box cover. Be sure wires are not pinched under the cover.

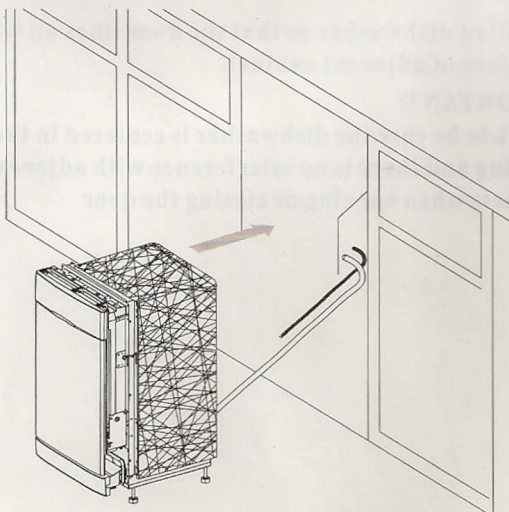
POSITION WATER LINE AND HOUSE WIRING

Position water supply line and house wiring on the floor of the opening to avoid interference with base of dishwasher and components under dishwasher.



INSERT DRAIN HOSE AND CONNECT WATER LINE

Upright the dishwasher and position in the front of opening. Insert drain hose into cabinet wall hole. If a power cord is used, guide the end through a separate hole.

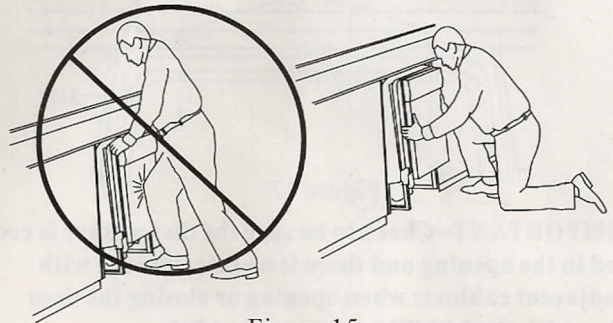


Connect the water line of dishwasher into user water line.

SLIDE DISHWASHER INTO CABINET

DO NOT PUSH AGAINST FRONT PANEL WITH KNEES. DAMAGE WILL OCCUR.

Slide dishwasher into the opening a few inches at a time.



As you proceed, pull the drain hose through the opening under the sink. Stop pushing when the dishwasher is a few inches forward of adjacent cabinetry.

Make sure drain hose is not kinked under the dishwasher and there is no interference with the water line and wiring or any other component.

Installation Instructions

LEVEL DISHWASHER

IMPORTANT-- Dishwasher must be level for proper dish rack operation and wash performance.

* Place level on door and rack track inside the tub as shown to check that the dishwasher is level.

* Level the dishwasher by adjusting the four leveling.

* If adjustment to the right rear leveling leg is required, loosen junction box bracket screw and rotate bracket clockwise.

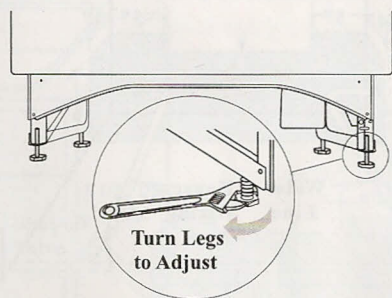


Figure 15

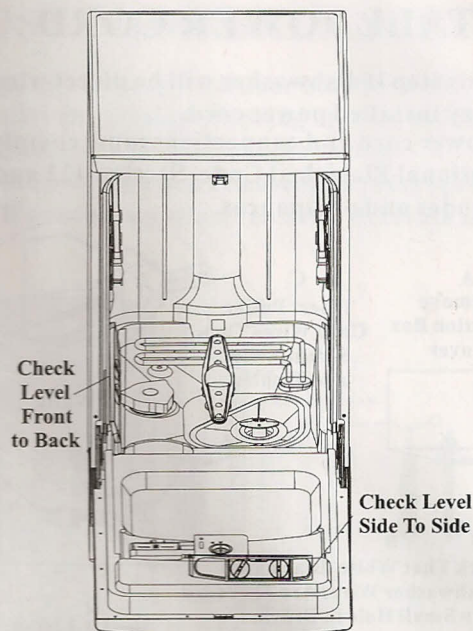


Figure 16

POSITION DISHWASHER, SECURE TO CABINET

The dishwasher must be secured to the countertop or the cabinet sides. When countertops are made of wood use Method 1. Some models are supplied with side mounting brackets for use when countertops are granite or other materials that will not accept screws. Use Method 2 to secure dishwasher at the sides.

Method 1

Secure Dishwasher To Wood countertop

Position dishwasher so that the door lines up with the front face of adjacent cabinet.

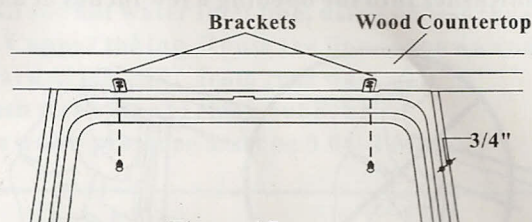


Figure 17

IMPORTANT-- Check to be sure the dishwasher is centered in the opening and there is no interference with adjacent cabinets when opening or closing the door top with the 2 Phillips screws provided.

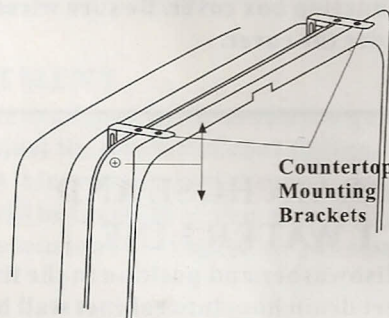


Figure 18

* Position dishwasher so that the door lines up with the front face of adjacent cabinet.

IMPORTANT:

Check to be sure the dishwasher is centered in the opening and there is no interference with adjacent cabinets when opening or closing the door

Installation Instructions

CONNECT WATER SUPPLY

IMPORTANT-- Check to be sure that dishwasher does not rub or contact the fill hose or water supply line.

*Wrap 90° Elbow with thread seal tape.

*Install a 90° elbow onto the water valve.

*Do not over tighten 90° elbow, water valve bracket could bend or water valve fitting could break.

*Position the end of the elbow to face the left.

*Connect water supply line to 90° elbow.

If water supply line could not be connected to 90° elbow directly, with a ferrule and compression nut.

*Slide compression nut, then ferrule over end of water line.

*Insert water line into 90° elbow.

*Slide ferrule against elbow and secure with compression nut.

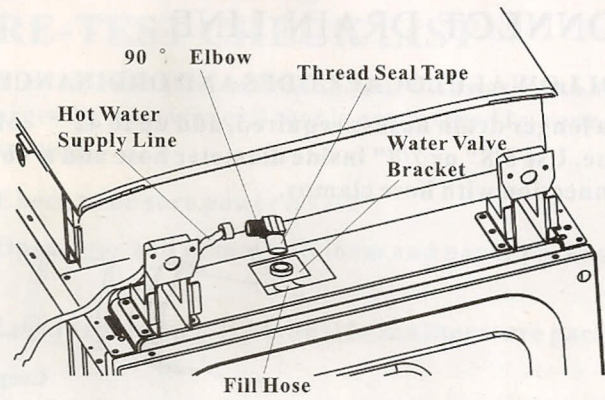


Figure 19

Installation Instructions

CONNECT DRAIN LINE

FOLLOW ALL LOCAL CODES AND ORDINANCES.

If a longer drain hose is required, add up to 42" of length for a total of 10 ft. length to the factory installed hose. Use 5/8" or 7/8" inside diameter hose and a coupler to connect the two hose ends. Secure the connection with hose clamps.

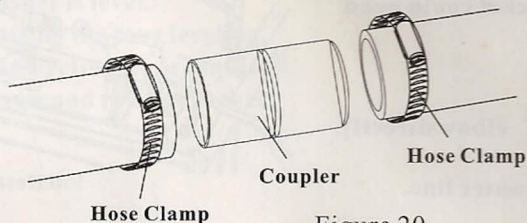


Figure 20

* Secure the drain hose to the air gap, waste tee or disposer with clamps.

NOTE: TOTAL DRAIN HOSE LENGTH MUST NOT EXCEED 10 FEET FOR PROPER DRAIN OPERATION.

* Connect drain line to air gap, waste tee or disposer using either previously determined method.

Method 1 --Air gap with waste tee of disposer

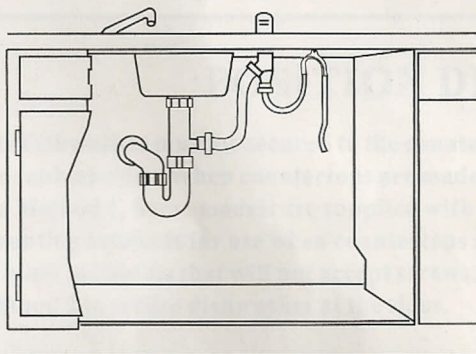


Figure 21--air gap with waste tee

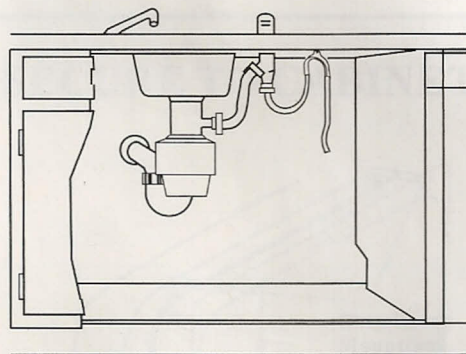


Figure 22--air gap with disposer

Method 2 --Waste tee of disposer

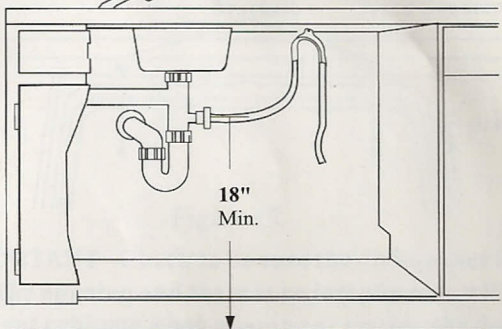


Figure 23--waste tee

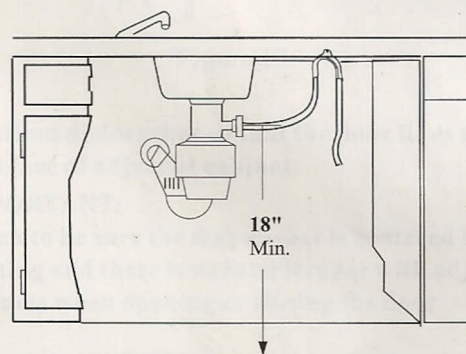


Figure 24--disposer

IMPORTANT

If drain plug of disposer or waste tee has not been removed, the dishwasher will not drain.

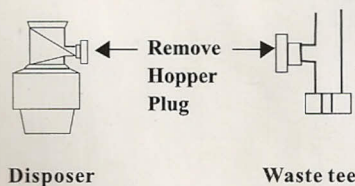


Figure 25

Installation Instructions

CONNECT POWER SUPPLY

Skip this step if equipped with power cord
verify that power is turned off at the source.

- 1 Remove junction box cover.
- 2 Secure house wiring to the back of the back junction box with a strain relief.
- 3 Locate the three dishwasher wires, (white, black and Green) with stripped ends. Insert dishwasher wires through the small hole in the junction box. Use wire nuts to connect incoming ground to green, white to white and black to black.
- 4 Replace junction box cover. Check to be sure that wires are not pinched under the cover

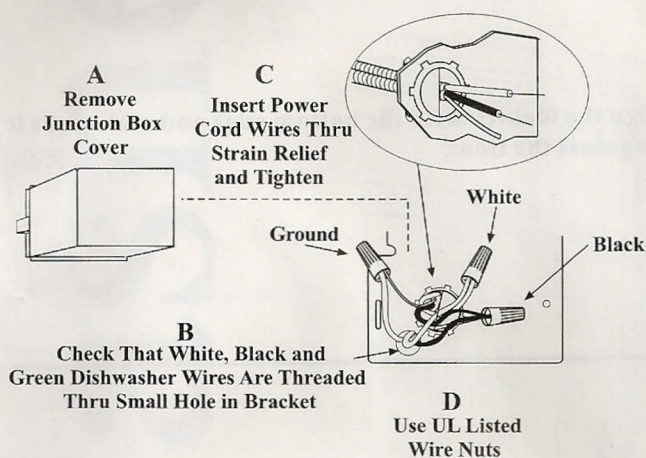


Figure 26

⚠ WARNING!

If house wiring is not 2-wire with ground, a ground must be provided by the installer. When house wiring is aluminum, be sure to use UL Listed anti-oxidant compound and aluminum -to-copper Connectors

PRE-TEST CHECK LIST

Review this list after installing your dishwasher to avoid charges for a service call that is not covered by your warranty

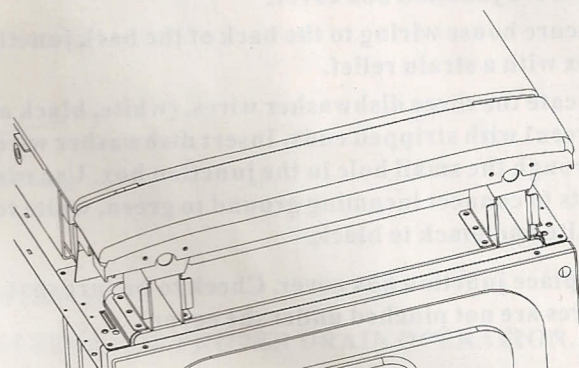
- ☐ Check to be sure power is OFF
- ☐ Open door and rEmove all foam and paper packaging.
- ☐ Locate the owner's Manual in the literature package.
- ☐ Read the owner's Manual for operating Instruction.
- ☐ Check door opening and closing. If door does not open and close freely or tends to fall, check spring cable routing.
- ☐ Check to be sure that wiring is secure under the Dishwasher, not pinched or in contact with door springs or other components.
- ☐ Check door alignment with tub. If door hits tub, level dishwasher
- ☐ Pull lower rack out, about half way. Check to be sure it does not roll back or forward on the door. If the rack moves, adjust leveling legs.
- ☐ Check door alignment with cabinet. If door hits cabinet, reposition dishwasher
- ☐ Check that door spring does not contact water line, fill hose, wiring or other components.
- ☐ Verify water supply and drain lines are not kinked or in contact with other components. Contact with motor or dishwasher frame could cause noise.
- ☐ Add 1.5 quarts of water to the bottom of the dishwasher to lubricate the pump seal.
- ☐ Turn on water supply. Check for leaks. Tighten connections if needed.

Installation Instructions

DISHWASHER WET TEST

- ☐ Turn on power supply (or plug power cord into outlet, if equipped)
- ☐ Start with normal wash.
- ☐ Check to be sure that water enters the dishwasher. If water does not enter the dishwasher, check to be sure that water and power supply is turned on.
- ☐ Check for leaks under the dishwasher. If leak is found, turn power supply off, then tighten connections. Turn on power again after leak is corrected.
- ☐ Check for leaks around the door. A leak around the door could be caused by door rubbing or hitting against adjacent cabinetry. Reposition the dishwasher if necessary.
- ☐ Check drain lines when draining. If leaks are found, turn power off, correct as necessary.
- ☐ When draining is over, open dishwasher door and make sure water has drained. If not, check that disposer plug has been removed and/or air gap is not plugged.
- ☐ Let dishwasher run through another fill and drain cycle. Check again for leaks and correct as required.

REPLACE TOEKICK



Align the toe kick with the bottom edge and make sure it is against the floor.

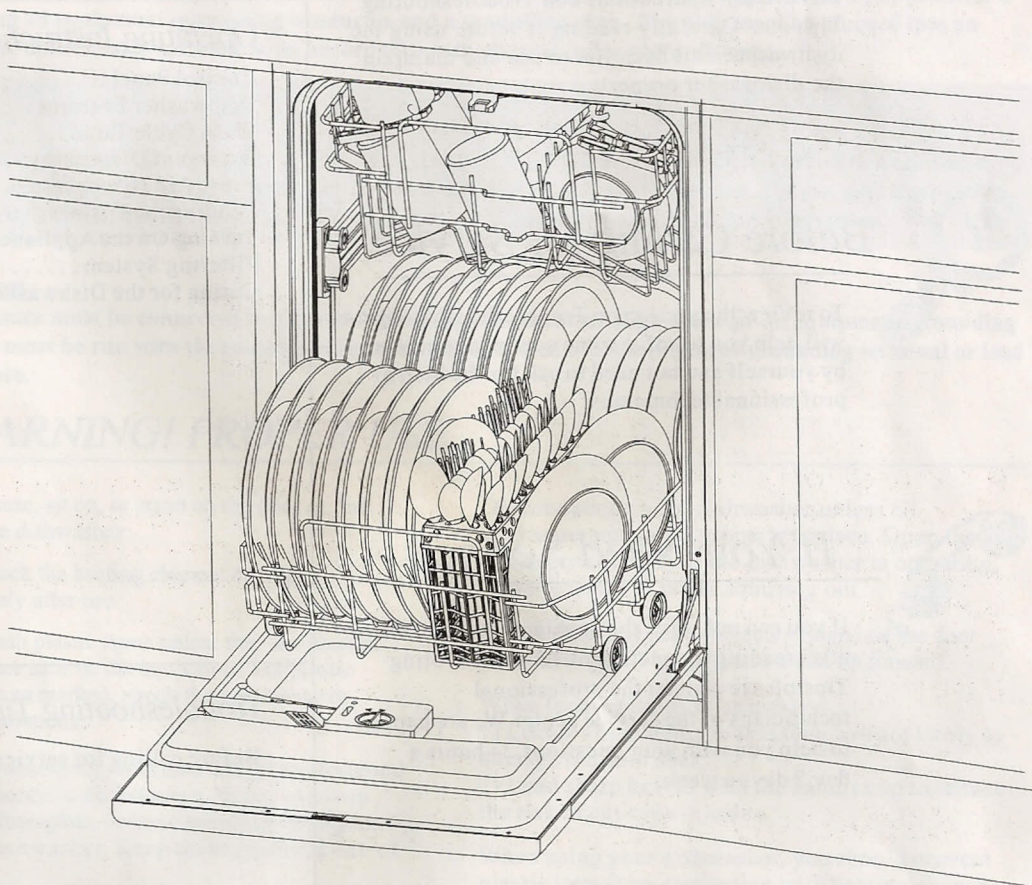
LITERATURE

Be sure to leave complete literature package and installation instructions with the consumer.

Dishwashers

Instruction Manual

PN 17-1021
WQP8-9122



MAJESTIC APPLIANCES DIV OF MSI
3201 Northwest Lower River Road , #9, Vancouver, WA 98660 USA
WWW.majesticappliances.com

We & You, A Service Partnership

Thank you for buying this product. As a home appliances producer, we are proud of our quality products and we are committed to providing dependable service. We are able to utilize our global resources in creating innovation that makes housework lighter and easier, and provide a truly comfortable home for you to relax and enjoy.



Read this Manual

This manual contains sections of Safety Instructions, Operating Instructions, Installation Instructions and Troubleshooting Tips etc. Carefully reading it before using the dishwasher will help you to use and maintain the dishwasher properly.



Before Calling for Service

To review the section on Troubleshooting Tips will help you to solve some common problems by yourself and not need to ask for the help of professional technicians.



If You Need Service

If you can not solve the problems by yourself after reading the section of Troubleshooting Tips, please contact the professional technicians of the service center. We are happy to help you with your questions, 24 hours a day, 7 days a week.

Safety Information 1

Operating Instructions

Control Panel	2
Dishwasher Features	2
Wash Cycle Table	3
Detergent Dispenser	5
Rinse Aid Dispenser	5
Loading the Dishwasher Rack	6,7
Turning On the Appliance	7
Filtering System	8
Caring for the Dishwasher	8,9

Troubleshooting Tips

Before calling for service	10,11
----------------------------------	-------

IMPORTANT SAFETY INFORMATION

READ ALL INSTRUCTIONS BEFORE USING

When using your dishwasher, follow the below basic precautions.



⚠ WARNING! HYDROGEN GAS IS EXPLOSIVE

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.



GROUNDING INSTRUCTIONS

Power Cord Models

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

⚠ WARNING!

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. Do you modify the plug provided with the appliance; If it will not fit the outlet, have a proper outlet installed by a qualified electrician.

Cable Direct

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 appliance.



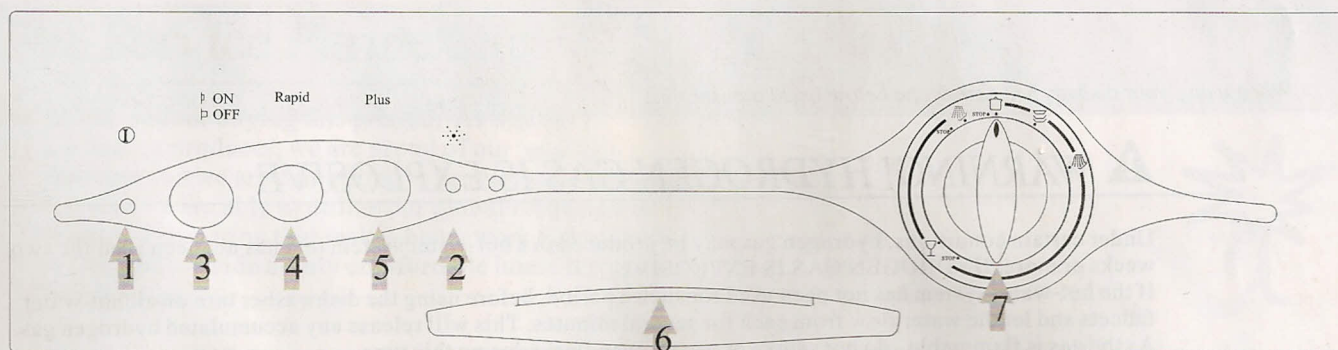
⚠ WARNING! PROPER USE

- n Do not abuse, sit on, or stand on the door or dish rack of the dishwasher.
- n Do not touch the heating element during or immediately after use.
- n Do not wash plastic items unless they are marked dishwasher safe or the equivalent. For plastic items not so marked, check the manufacturer's recommendations.
- n Use only detergent and rinse additives designed for an automatic dishwasher. Never use soap, laundry detergent, or hand washing detergent in your dishwasher. Keep these products out of children.
- n Keep child away from detergent and rinse aid, keep child away from the open door of the dishwasher, there could still be some detergent left inside.
- n The door should not be left in the open position since this could present a tripping hazard.
- n During installation, the power supply must not be excessively or dangerously bent or flattened.
- n To reduce the risk of injury, do not allow children to play in or on a dishwasher.
- n Do not operate your dishwasher unless all enclosure panels are properly in place. Open the door very carefully if the dishwasher is operating, there is a risk of water squirting out.
- n Do not place any heavy objects of stand on the door when it is open. The appliance could tip forward.
- n When loading items to be washed:
 - 1) Locate sharp items so that they are not likely to damage the door seal;
 - 2) Load sharp knives with the handles up to reduce the risk of cut-type injuries.
- n When using your dishwasher, you should prevent plastic item from contacting with heating element.
- n If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- n Please dispose of packing materials properly.
- n Use the dishwasher only for its intended function.
- n Remove the door to the washing compartment when removing an old dishwasher from service or discarding it.
- n Do not tamper with controls.

READ AND FOLLOW THIS SAFETY INFORMATION CAREFULLY

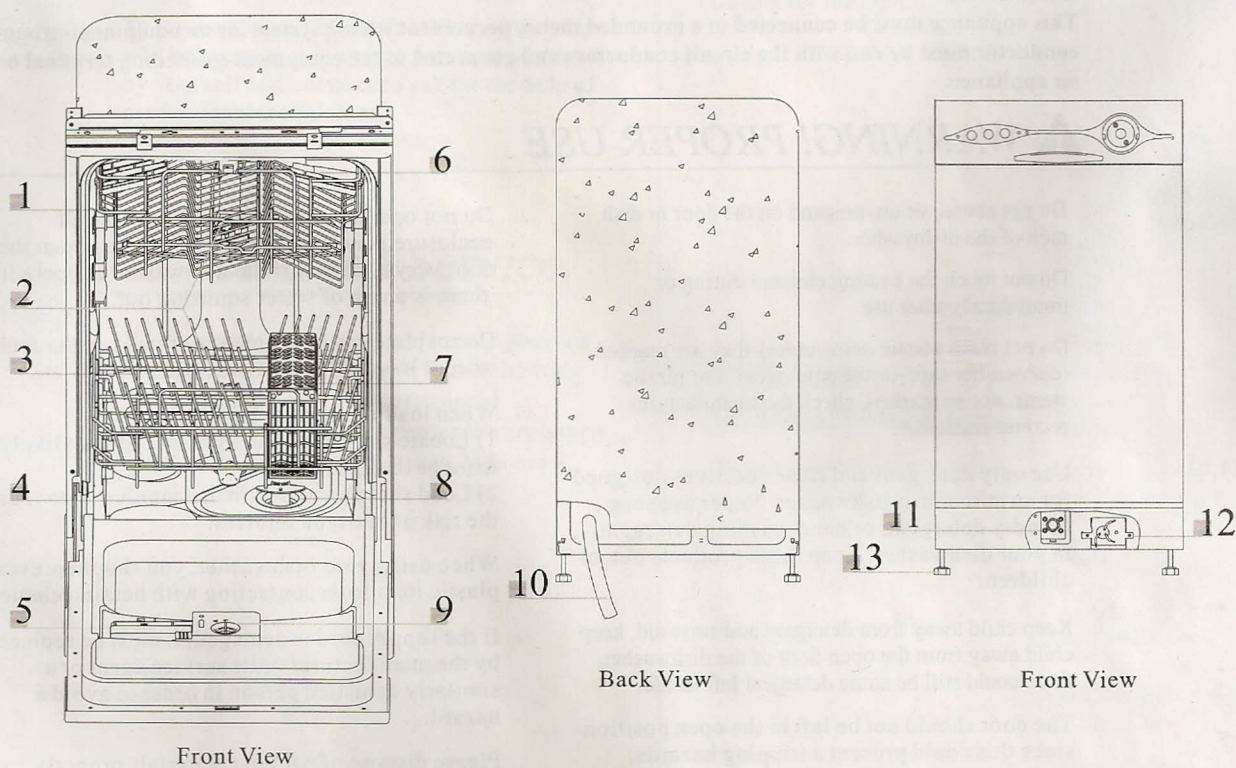
SAVE THESE INSTRUCTIONS

CONTROL PANEL



- 1 Power ON Light: To come on when the ON/OFF Button is pressed down.
- 2 Rinse Aid Warning Light: To come on when dispenser needs to be refilled.
- 3 ON/OFF Button: To turn on/off the power supply.
- 4 Rapid Button: Only used with cycle "▽".
- 5 Plus Button: Only used with cycle "□".
- 6 Door Handle: Pull it to open the door.
- 7 Washing Program Selector: Turn the knob clockwise to select wash cycles.

DISHWASHER FEATURES



- | | | | |
|---------------|-----------------------|-----------------------|-----------------|
| 1 Upper Rack | 5 Detergent Dispenser | 9 Rinse Aid Dispenser | 13 Leveling Leg |
| 2 Spray Arms | 6 Cup Shelf | 10 Drain Hose | |
| 3 Lower Rack | 7 Silverware Basket | 11 Inlet Valve | |
| 4 Main Filter | 8 Coarse Filter | 12 Junction Box | |

WASH CYCLE TABLE

Program	Cycle	Plus Button	Rapid Button	Cycle Selection Information	Description of Cycle	Detergent pre/main	Rinse Aid
Normal	 Normal Wash (IEC-EN 50242)			For normally soiled loads, such as pots, plates, glasses and lightly soiled pans. standard daily cycle.	Pre-rinse Wash (60 °C) Rinse Rinse (72 °C) Drying	4/20 gr.	★
Intensive	 Normal Wash	★		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.	Pre-rinse(50 °C) Wash (60 °C) Rinse Rinse Rinse (72 °C) Drying	4/20 gr.	★
Economic	 Light Wash			For lightly soiled loads, such as plates, glasses, bowls and lightly soiled pans.	Wash (60 °C) Rinse Rinse (72 °C) Drying	20 gr.	★
Rinse	 Rinse			For dishes that need to be rinsed and dried only.	Rinse Rinse (68 °C) Drying		★
Glass	 Glassware			For lightly soiled loads, such as glasses, crystal and fine china.	Rinse (45 °C) Rinse (72 °C) Drying	15 gr.	
Rapid	 Glassware		★	A shorter wash for lightly soiled loads that do not need drying.	Rinse (45 °C) Rinse (50 °C) Drying	15 gr.	
Soak	 Soak			To rinse dishes that you plan to wash later that day.	Pre-rinse		

WASH CYCLE ADJUSTMENT BUTTONS

Plus Button

This button (see "Control panel ") is used with the normal cycle in the case where pots and pans with dry caked-on food must be washed.

This is not recommended for delicate items in so far as the high temperature could make their surfaces opaque or lighten decorative colors after repeated washing.

Rapid Button

This button (see "Control panel ") when pressed with wash cycle 4 (glassware) makes it possible to run the wash cycle at a lower temperature (50 °C) and eliminates the drying phase.

Overflow Protection

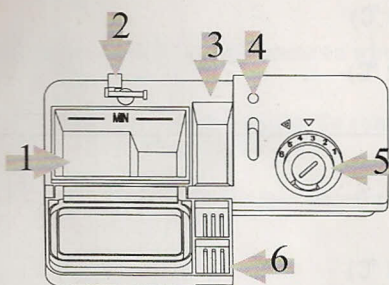
Your Midea dishwasher has an overfill protection device which could automatically shuts off the inlet valve and starts the drain pump if the water overflow. If this occurs, turn off the main water supply before calling a service. If there is water in the base pan because of an overfill or small leak, the water should be removed before restarting the dishwasher.

DETERGENT DISPENSER

The dispenser must be refilled before the start of each wash cycle according to the instructions provided in the "Wash Cycle Table". Our dishwashers use less detergent and rinse aid than conventional dishwashers. 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 dishwasher, otherwise it could get damp and will not dissolve properly.

Amount of Detergent to Use

IF THE WATER ISN'T TOO HARD, YOU MAY ALSO PREVENT THE FORMATION OF DEPOSITS BY ADDING DETERGENT. The amount of detergent needed can vary due to differences in water hardness. To determine the water hardness in your area, contact your local water utility or area water softening company. The harder the water, the more detergent you may need. Remember, you should adjust the amount of detergent you use by little by little until you find the correct amount.



- 1 Main Wash Detergent
- 2 Dispenser Lid lever
- 3 Prewash Detergent Compartment
- 4 Rinse Aid Level Indicator
- 5 Rinse Aid Compartment
- 6 Detergent Compartment Lid

Removing Hard Water Spots From Dishes

To remove hard water spots, try the following:

- Run dishes through a normal wash program.
- Remove all metal dishware, such as cutlery, pans, etc., from the dishwasher.
- Do not add detergent.
- Pour two cups of vinegar into a bowl and set the bowl face up on the lower rack of the dishwasher.
- Run the dishes through a normal wash program.

If this doesn't work, try the same process with 1/4 cup of citric acid crystals instead of vinegar.

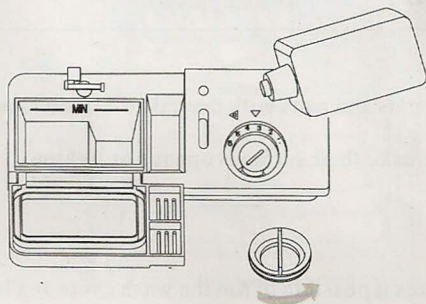
Proper Use of Detergent

Use only detergent specifically made for use in dishwashers. Keep your detergent fresh and dry. Don't put powder detergent into the dispenser until you're ready to wash dishes.

⚠ WARNING!

Dishwasher detergent is corrosive! Take care to keep it out of reach of children.

RINSE AID DISPENSER



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

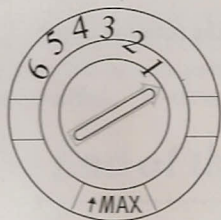
The rinse aid is released during the final rinse to prevent water from forming droplets on your dishes that can leave spots and streaks. It also improves drying by allowing water to "sheet" off the dishes.

Our dishwashers are designed to use liquid rinse aids. The rinse aid dispenser is located inside the door next to the detergent dispenser. To fill the dispenser, open the cap and pour the rinse aid into the dispenser until the level indicator turns completely black. The dispenser holds about 100 ml of liquid rinse aid.

Be careful not to overfill the dispenser, because this could cause over sudsing. Wipe away any spills with a damp cloth. Don't forget to replace the cap before you close the dishwasher door.

If you have soft water, you may not need rinse aid for it may cause a white film to develop on your dishes.

Adjusting Rinse Aid Dispenser

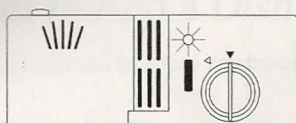


A measured amount of rinse aid is released during the final rinse. As with detergent, the amount of rinse aid needed for your dishes depends on the hardness of the water in your area. Too much rinse aid can result in lather of foaming and cause cloudiness or steaks on your dishes. If the water in your area is very soft, you may not need rinse aid. If you do, you can dilute the rinse aid with an equal amount of water.

The rinse aid dispenser has six settings. Always start with the dispenser set on "1". If spots and poor drying are problems, increase the amount of rinse aid dispensed by removing the dispenser lid and rotating the dial to "2". If the dishes still are not drying properly or are spotted, adjust the dial to the next higher number until your dishes are spot-free. We suggest you to set on "4".

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 following means. The black dot on the rinse aid dispenser indicates the amount of rinse aid in the dispenser. As the rinse aid diminishes, the size of the black dot decreases. You should never let the rinse aid get below 1/4 full.



As the rinse aid diminishes, the size of the black dot on the rinse aid level indicator changes, as illustrated below.

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

Loading the Dishwasher Racks.

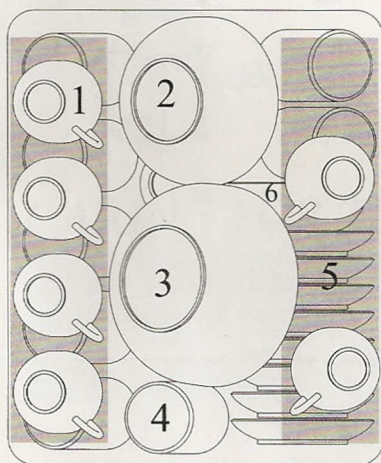
For best performance of the dishwasher, follow these loading guidelines. Features and appearance of racks and silverware baskets may vary from your model.

How to use the Upper Rack

The upper rack is designed to hold more delicate and lighter dishware such as glasses, coffee and tea cup and saucers, as well as plates, small bowls and shallow pans (as long as they are not too dirty).

Position the dishes and cookware so that they do not get moved by the spray of water.

The upper rack can be adjusted for height by putting wheels of different height into the rails.

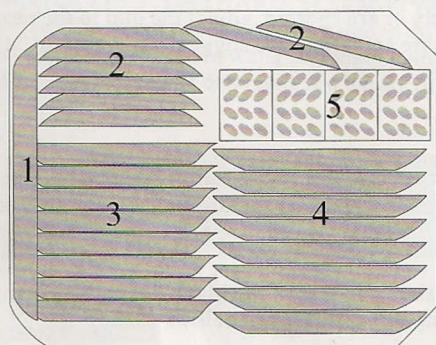


- 1 Cups
- 2 Small serving bowl
- 3 Large serving bowl
- 4 Glasses
- 5 Saucers
- 6 Dish
- 7 Plates

How to use the Lower Rack

We recommend that you place large items which are most difficult to clean into the lower rack: pots, pans, lids, serving dishes and bowls, as shown in the figure to the right. It is preferable to place serving dishes and lids on the side of the racks in order to avoid blocking the rotation of the top spray arm.

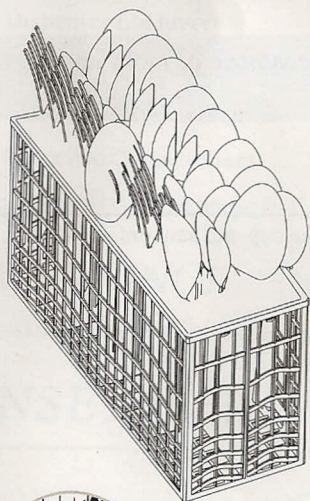
- Pots, serving bowls, etc, must always be placed top down.
- Deep pots should be slanted to allow water to flow out.
- The bottom rack feature fold down tine rows so that larger or more pots and pans can be loaded.



- 1 Oval platter
- 2 Dinner plates
- 3 Soup plates
- 4 Dessert dishes
- 5 Silverware basket

SILVERWARE BASKET

Silverware should be placed in the silverware basket with handles at the bottom. If the rack has side baskets, the spoon should be loaded individually into the appropriate slots, especially long utensils should be placed in the horizontal position at the front of the upper rack.



1	4	5	2
1	4	5	
1	4	5	2
1	4	5	2
4	4	5	2
7	4	5	2
8	3	5	
1	3	3	2
1	3	3	2
6	3	6	2

- 1 Forks
- 2 Soup spoons
- 3 Dessert spoons
- 4 Teaspoons
- 5 Knife
- 6 Serving spoon
- 7 Gravy ladle
- 8 Serving fork



⚠ WARNING!

Do not let any item extend through bottom.

TURNING ON THE APPLIANCE

Starting a wash cycle...

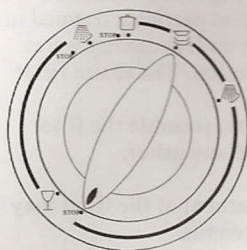
- 1 Make sure that the plug for the appliance is inserted into the wall socket.
- 2 Make sure that the water supply is turned on to full pressure.
- 3 Load the dishwasher(see the section entitled, " Loading the Dishwasher ").
- 4 Pour in the detergent(see the section entitled, " Salt, Detergent and Rinse Aid ").
- 5 Turn the knob located on the right of the control panel in the clockwise direction until the number or the symbol for the cycle setting is aligned with the reference mark (see the section entitled, " Wash Cycle Table ").
- 6 Press the ON/ OFF button, and the ON/OFF light will turn on. At this point, the wash cycle will begin.

Canceling or modifying a wash cycle setting. . .

Premise: A cycle that is underway can only be modified if it has only been running for a short time. Otherwise, the detergent may have already been released, and the appliance may have already drained the wash water. If this is the case, the detergent dispenser must be refilled (see the paragraph entitled "Loading the Detergent").

Press the ON/OFF button, and the ON light will turn off. Rotate the knob in the clockwise direction to the desired cycle setting (see the section entitled, "Starting a wash cycle. . ."). Then, turn the dishwasher back on using the on the ON/OFF button.

At the End of the Wash Cycle



When the knob stops turning and is aligned with a STOP mark (see figure), the cycle has finished. Turn off the appliance 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.

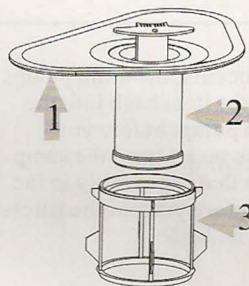
Forget to Add a Dish?

A forgotten dish can be added any time before the detergent cup opens.

- 1 Pull the door handle.
- 2 Do not open the door until the water spray action stops. Steam may rise out of the dishwasher.
- 3 Add forgotten dishes.
- 4 Push the door to close it. When the door is close rightly a click will be sound.

FILTERING SYSTEM

For your convenience, we have placed the drain pump and filtering system within easy reach inside the tub. There are three components of the filtering system: the main filter, the coarse filter, and the fine filter.



- 1 Main filter
Food and soil particles trapped by this filter are pulverized by a special jet on the lower spray arm and washed down the drain.
- 2 Coarse filter
Larger items, such as pieces of bone or glass, that could clog the drain are trapped in the coarse filter. To remove an item caught in this filter, gently squeeze the tabs on top of this filter and lift it out.
- 3 Fine filter
This filter holds soil and food residue in the sump area and prevents it from being redeposited on the dishes during a cycle.

CARING FOR THE DISHWASHER

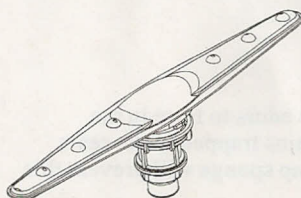
To clean the control panel use a lightly dampened cloth then dry thoroughly. To clean the exterior use a good appliance polish wax.

Never use sharp objects, scouring pads or harsh cleaners on any part of the dishwasher.

Protect Against Freezing

If your dishwasher is left in an unheated place during the winter, ask a service technician to:

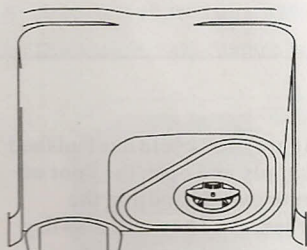
- 1 Cut off electrical power to the dishwasher. Remove fuses or trip circuit breaker.
- 2 Turn off the water supply and disconnect the water inlet pipe from the water valve.
- 3 Drain water from the inlet pipe and water valve. (Use a pan to catch the water.)
- 4 Reconnect the water inlet pipe to the water valve.
- 5 Remove the plastic sump cover in the tub the bottom and use a sponge to soak up water in rubber boot.



Cleaning the Spray Arms

It is necessary to clean the spray arms regularly for hard water chemicals will clog the spray arm jets and bearings. To remove the spray arm, screw off the nut to take out the washer on top of the spray arm and remove the arm. Wash the arms in soapy and warm water and use a soft brush to clean the jets. Replace them after rinsing them thoroughly.

Cleaning the Filters



Filter assembly

For best performance and results, the filter assembly must be cleaned.

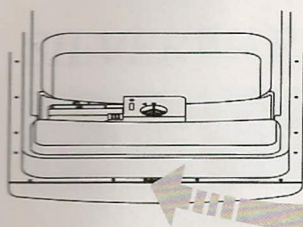
The filter efficiently removes food particles from the wash water, allowing it to be recirculated during the cycle. For this reason, it is a good idea to remove the larger food particles trapped in the filter after each wash cycle by rinsing the semicircular filter and cup under running water. To remove the filter assembly, pull on the cup handle in the upward direction. The entire filter assembly should be cleaned at least once a month.

To clean the coarse filter and the fine filter, use a cleaning brush. Then, reassemble the filter parts as shown in the figures left and reinsert the entire assembly in the dishwasher, positioning in its seat and pressing downward.

The dishwasher must never be used without the filters. Improper replacement of the filter may reduce the performance level of the appliance and damage dishes and utensils.

⚠ WARNING!

Never run the dishwasher without the filters in place.



Cleaning the Door

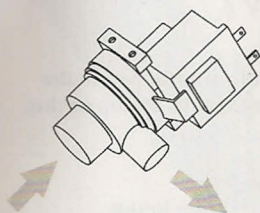
To clean the edge around the door, you should use only a soft warm, damp rag. To prevent penetration of water into the door lock and electrical components, do not use a spray cleaner of any kind.

Also, never use abrasive cleaners or scouring pads on the outer surfaces because they will scratch the finish. Some papers towels can also scratch or leave marks on the surface.

⚠ WARNING!

Never use a spray cleaner to clean the door panel for it could damage the door lock and electrical components. It is not allowed to use the abrasive agent or some paper towel because of the risk of scratching or leaving spots on the stainless steel surface.

Cleaning the Drain Pump



Something will occasionally move into the filters and the drain pump. If this occurs, the drain pumps employed in our dishwashers are designed to automatically reverse, ejecting the item back into the sump area or down the drain. If you have to remove an obstacle from the drain pump, before you remove the filters, you should turn off the power; Then remove the small black insert from the sump area. (You might want to remove any standing water first). Scoop out the item that is probably in the sump area and causes the obstruction. Remember to replace the black insert before you put the filters back in.

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 ajar so that moisture and odors are not trapped inside.

■ No Solvents or Abrasive Cleaning Products

To clean the exterior and rubber parts of the dishwasher, do not use solvents or abrasive cleaning products. Rather, use only a cloth and warm soapy water. To remove spots or stains from the surface of the interior, use a cloth dampened with water and a little white vinegar, or a cleaning product made specifically for dishwashers.

■ When You Go on Holiday

When you go on holiday, it is recommended 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 ajar. This will help the seals last longer and prevent odors from forming within the appliance.

■ Seals

One of the factors that cause odors to form in the dishwasher is food that remains trapped in the seals. Periodic cleaning with a damp sponge will prevent this from occurring.

BEFORE CALLING FOR SERVICE...

Troubleshooting Tips

Review the charts on the following pages may make you be free of calling for service.



<i>Problem</i>	<i>Possible Causes</i>	<i>What To Do</i>
<i>Dishwasher doesn't run</i>	Fuse blown, or the circuit breaker acted	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 pressure is low	Check that the water supply is connected properly and the water is turned on.
<i>Drain pump doesn't stop</i>	Overflow	The system is designed to detect an overflow. When it does, it shuts off the circulation pump and turns on the drain pump.
<i>Noise</i>	Some audible sounds are normal	Sound from soft food shredding action and detergent cup opening.
	Utensils are not secure in the baskets or something small has dropped into the basket	To ensure everything is secured in the dishwasher.
	Motor hums	Dishwasher has not been used regularly. If you do not use it often, remember to set it to fill and pump out every week, which will help keep the seal moist.
<i>Suds in the tub</i>	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 drain out the water by slowly turning the Dial until a drain period is reached. Repeat if necessary.
	Spilled rinse agent	Always wipe up rinse agent spills immediately.
<i>Stained tub interior</i>	Detergent with colorant was used	Make sure that the detergent is the one without colorant.
<i>Dishes are not dried</i>	Rinse agent dispenser is empty	Make sure that the rinse agent dispense is filled.
<i>Dishes and flatware not clean</i>	Improper program	Select stronger program
	Improper rack loading	Make sure that the action of the detergent dispenser and spray arms are not blocked by large dishware.
<i>Spots and filming on glasses and flatware</i>	1 Extremely hard water 2 Low inlet temperature 3 Overloading the dishwasher 4 Improper loading 5 Old or damp powder detergent 6 Empty rinse agent dispenser 7 Incorrect dosage of detergent	To remove spots from glassware: 1 Take out all metal utensils out of the dishwasher. 2 Do not add detergent. 3 Choose the longest cycle. 4 Start the dishwasher and allow it to run for about 18 to 22 minutes, then it will be in the main wash. 5 Open the door to pour 2 cups of white vinegar into the bottom of the dishwasher. 6 Close the door and let the dishwasher complete the cycle. If the vinegar does not work: Repeat as above, except use 1/4 cup (60 ml) of citric acid crystals instead of vinegar.

BEFORE CALLING FOR SERVICE...



Problem	Possible Causes	What To Do
<i>Cloudiness on glassware</i>	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.
<i>Yellow or brown film on inside surfaces</i>	Tea or coffee stains	using a solution of 1/2 cup of bleach and 3 cups warm water to remove the stains by hand. ▲ WARNING You have to wait for 20 minutes after a cycle to let the heating elements cool down before cleaning interior; otherwise, burns will happen.
	Iron deposits in water can cause an overall film	You have to call a water softener company for a special filter.
<i>White film on inside surface</i>	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.
<i>Detergent left in dispenser cups</i>	Dishes block detergent cups	Re-loading the dishes properly.
<i>Steam</i>	Normal phenomenon	There is some steam coming through the vent by the door latch during drying and water draining.
<i>Black or gray marks on dishes</i>	Aluminum utensils have rubbed against dishes	Use a mild abrasive cleaner to eliminate those marks.
<i>Water standing in the bottom of the tub</i>	This is normal	A small amount of clean water around the outlet on the tub bottom at the back of the tub keeps the water seal lubricated.
<i>Water doesn't pump out of the tub</i>	Drain is clogged	Make sure the kitchen sink is draining well. If the dishwasher drains into a disposer, run it clear.
<i>Dishwasher leaks</i>	Overfill dispenser or rinse aid spills	Be careful not to overfill the rinse aid dispenser. Spilled rinse aid could cause oversudsing and lead to overflowing. Wipe away any spills with a damp cloth.
	Dishwasher isn't level	Make sure the dishwasher is level.

WHEN THE DISHWASHER HAS AN OVERFLOW

The dishwasher is designed to detect an overflow. When it does, water in the float container should be let out. Deal with as follows:

Uninstall the Dishwasher

It is necessary to uninstall the dishwasher when it has an overflow. Before uninstall the dishwasher, read the INSTALLATION INSTRUCTION carefully.

- Remove the toekick.
- Loose the countertop mounting brackets from the countertop of the cabinet.

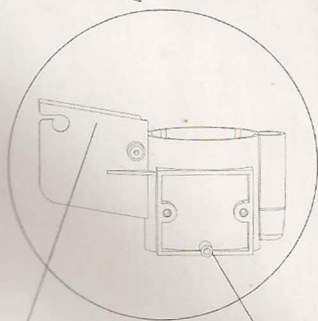
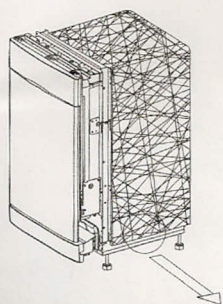
⚠ WARNING!

Before uninstall the dishwasher, the power supply should be shut off. And the machine is not on operating.

Pull the Dishwasher out of the Cabinet

- After uninstall the dishwasher, pull it out of the cabinet carefully.

Let out the Water in the Float Container



Float Container

Plug

- Pull out the plug from the float container.
- Make the water in the float container let out, and with a cup or an other container to keep the water.
- Stuff the hole of the float container with the plug when all of the water let out.

Install the Dishwasher