



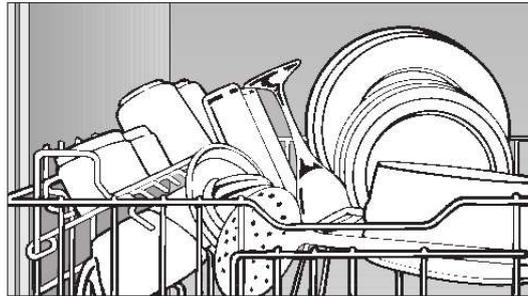
# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for MIELE G 680. You'll find the answers to all your questions on the MIELE G 680 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual MIELE G 680  
User guide MIELE G 680  
Operating instructions MIELE G 680  
Instructions for use MIELE G 680  
Instruction manual MIELE G 680

## Miele

Operating instructions



for the G 680  
dishwasher

To prevent accidents and reduce  
the risk of damaging the machine,  
read the Operating Manual  
**before** installing or using  
the machine.



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..... @@@@The front is designed to accept a custom made panel, matching the existing kitchen cabinets.

Installation directions can be found in the Installation chapter. 2. "U" dishwashers The built-under ("U") dishwashers use the integrated ("i") dishwashers as the basic machine. By using a GDU decor kit the "i" dishwasher can be converted into a "U" model dishwasher. GDU installation instructions are included in a separate pamphlet supplied with the decor kit.

5 Guide to the appliance View of the machine 1. Upper spray arm (not visible) 2. Cutlery tray 3. Upper basket 4. Water feed tube for the middle spray arm 5. Middle spray arm 6. Water hardness selector 7. Lower spray arm 8. Four height adjustable levelling legs 9. Combination filter 6 10. Salt reservoir 11. Dual compartment detergent dispenser 12. Rinse aid reservoir (with dosage selector) 13. @@On/Off button 15. Door release 16.

Child safety lock 17. "Top Solo"-button 18. "Check" indicator lamps 19. Program sequence display 20. @@@@This appliance conforms to all uniform safety codes and regulations. @@The manufacturer cannot be held responsible for damage or injury caused by improper use or for uses other than those for which the appliance is intended. the appliance from the power supply before servicing (pull out the plug or turn off the circuit breaker). If not purchased specifically as a "Freestanding" model, only install the dishwasher under a continuous countertop which is secured to the cabinetry. The dishwasher must be electrically grounded. Install the dishwasher as per the included Installation instructions.

Use only powder detergents and liquid rinse aids recommended for dishwashers. Never use gels or liquid detergents. Do not use commercial or industrial grade detergents, as these may cause adverse chemical reactions and damage the machine. Use only detergents made for residential dishwashers. Do not use your dishwasher unless all enclosure panels are properly in place.

Do not allow children to play in or on the dishwasher. Keep all detergents and rinse aids out of the reach of children. Dishwasher detergents contain Sodium Silicate and Sodium Carbonate. In case of eye contact, immediately flush with water. Call a physician or poison control.

Do not tamper with the controls. 8 IMPORTANT SAFETY INSTRUCTIONS When loading items to be washed: Load pointed items so that they are not likely to damage the door seal. Load knives with the cutting edge down to reduce the risk of injuries. Do not wash plastic items unless they are labeled "dishwasher safe" or the equivalent. For items not labeled, check the manufacturer's recommendations. Do not abuse, sit, or stand on the door or dishracks of the dishwasher. Remove the front door and cut off the power cord of the dishwasher before removing it from service or discarding it. This will help protect

*children from injury or accidentally locking themselves in.*



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*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, turn on all hot water faucets and let the water flow from each for several minutes before using the dishwasher. This will release any accumulated hydrogen gas. Do not smoke or use an open flame during this time. Do not drink the water from the wash cabinet. For dishwashers with visible heating element Do not touch the heating element during or immediately after use. SAVE THESE INSTRUCTIONS 9 INSTRUCTIONS IMPORTANTES SUR LA SÉCURITÉ AVERTISSEMENT Au moment d'utiliser votre lave-vaisselle, veuillez observer toutes les mesures de sécurité de base. Cet appareil électroménager est conforme à tous les règlements et codes sur la sécurité. Pour éviter de vous blesser et d'endommager l'appareil, veuillez lire soigneusement les instructions sur l'utilisation. N'utilisez le lave-vaisselle que pour laver la vaisselle. Le fabricant ne peut être tenu responsable des dommages ou blessures causés par une utilisation inadéquate ou par des utilisations autres que celles auxquelles l'appareil est destiné. Les réparations doivent être effectuées uniquement par une personne compétente. Débrancher l'appareil de la prise de courant avant d'en faire l'entretien (enlever la fiche de la prise ou fermer le disjoncteur). Installer uniquement le lave-vaisselle sous un comptoir continu qui est fixé à des meubles adjacents.*

*Vous devez mettre le lave-vaisselle à la terre. Installer le lave-vaisselle en observant les instructions pour l'installation ci-jointes.*

*Utiliser uniquement des détergers et des produits de rinçage recommandés pour les lave-vaisselle. Ne pas utiliser de déterbe set to correspond to the water hardness in your area. This can be obtained from your local water company, or by using a test kit that can be purchased from the Miele Parts Department.*

*The salt reservoir must only be filled with water and salt. Never fill it with detergent.*

*Adding rinse aid. Inadvertently filling the rinse aid reservoir with liquid or powder detergent will damage the reservoir. Use only powder detergents and liquid rinse aids formulated for domestic dishwashers. It is important to choose the correct program. Different wash programs should be selected for different loads and different degrees of soiling. See the program then press the "Top Solo" button to lock in the selection. Example: For a water hardness of 6 gr/gal, set the Program selector knob to "NORMAL 55/130", then press the "Top Solo" button. Return the Program selector knob to the "STOP" position and turn the machine off. The programmed water hardness is now stored. The water hardness selector in the wash cabinet is factory set to position 6.*

*This should only be changed if your water has a hardness level between 36 - 65 gr/gal. 16 Water Softener Checking the programmed Water hardness level.*

*Turn the dishwasher off. Turn the Program selector knob to the "STOP" position. Enter the programming mode by pressing the "Top Solo" button, while simultaneously turning the machine "On". After 2 seconds release the "Top Solo" button. The "On" lamp should be lit and the "Softener" lamp should be blinking once you have entered the programming mode. If the "Softener" lamp is not blinking, repeat the process. (Ignore the "Salt" and "Rinse aid" lamps).*

*Slowly turn the Program selector knob clockwise, through all the program selections.*

*The "Top Solo" lamp will light when the currently programmed hardness level is reached. When the "STOP" position is reached, turn off the machine. gr/gal ppm water hardness selector (setting) 6\*) 4 5 6\*) 1 - 35 36 - 47 48 - 65 66 - 70 \*factory setting 20- 630 650 - 850 860 -1170 1190- 1260 Do not set the selector on settings 1-3. Using a screwdriver remove the cover from the water hardness selector. Adjust the water hardness selector as necessary.*

*There will be a click as each setting is reached. Example: The water hardness is 38 gr/gal. The water hardness selector in the wash cabinet must be set to 4 (36 47gr/gal). Replace the cover on the water hardness selector. Selector settings.*

*The water hardness selector in the wash cabinet is factory set to position 6. This needs to be changed if your water hardness level is between 36 - 65 gr/gal (refer to following table). 17 Water Softener Filling the salt reservoir. The salt reservoir should be filled before the first use and when the "Salt" indicator lamp lights up. Use water softener reactivation salt (1 - 4 mm grain size), as other salts may contain insoluble additives which can impair the functioning of the softener. The salt reservoir holds approx. 4 lbs (2 kg) of salt. Inadvertently filling the salt reservoir with dishwashing detergent will damage the water softener. Make sure that only water softener reactivation salt of the proper grain size is used. To fill the salt reservoir: Remove the lower basket.*

*Unscrew and remove the salt reservoir cap. Before adding salt for the first time: Fill the reservoir with approximately 2 quarts (2 l) of water. Place the funnel (provided) over the salt reservoir. Carefully fill with salt. As it is filled, water will run out. Clean any excess salt from the threads of the reservoir opening. Screw the cap on firmly. If the dishwasher will not be used immediately after reactivation, run the RINSE & HOLD program. This will remove any traces of salt from the cabinet. 18 Water Softener Salt indicator.*

*Bypassing the Salt indicator lamp. In order to bypass the salt indicator lamp, you will need a screwdriver and needle nose pliers. Remove the salt reservoir cap. Looking into the salt reservoir, you will see the top of the float chamber on the right hand side b. When the salt reservoir is empty, the "Salt 9" indicator lamp will light, notifying you that the reservoir should be refilled with reactivation salt.*

*After the reservoir has been filled, the water softener is automatically reactivated the next time the dishwasher is run. The "Softener" indicator lamp illuminates during this process. Note: If your water is very soft (below 7 gr/gal), the salt indicator lamp will stay on. In this case the reservoir should not be filled with salt. The indicator lamp will remain lit and should be disregarded or bypassed.*

*The "Salt 9" indicator lamp has also been designed for future program updates (PC). See the "After Sales Service" section for further details. Using a screwdriver, carefully pivot the float chamber towards the center of the reservoir.*



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Using the needle nose pliers, first pull the cap c off of the float chamber, then remove the float d. Replace the float chamber cap, push the chamber back into its upright position, and replace the salt reservoir cap. The indicator lamp should now remain off. 19 Adding rinse aid Adding rinse aid The use of Rinse Aid is recommended to prevent spotting on dishes and glassware that normally occurs during the drying phase of automatic dishwashing. Inadvertently filling the rinse aid reservoir with detergent will always damage the reservoir.

#### Adding rinse aid.

Add Rinse Aid before the first use and anytime the "Rinse Aid" indicator lamp comes on. Press the button in the direction of the arrow until the flap springs open. 20 Adding rinse aid Setting the dosage. Pour liquid rinse aid into the storage container until it is visible on the surface of the screen. Do not refill until the "Rinse aid" indicator lamp comes on. Only use rinse aid specifically labeled for residential dishwashers. Inadvertently adding detergent will damage the rinse aid dispenser. Press on the flap until you hear it click shut. Failure to close it all the way will allow water to enter the reservoir during the wash program. Wipe up any spilled rinse aid.

The flap will remain closed during normal operation. The dosage selector comes factory set to 3. It can be adjusted from 1 to 6, depending on your requirements. This setting dispenses approximately 3 ml rinse aid per program. Use a higher setting if spots appear on dry glassware.

If streaking appears on dishes or glasses, use a lower setting. 21 Loading the dishwasher Loading the dishwasher Load the dishes so that water can contact all surfaces. Do not place dishes and cutlery inside other pieces where they may be concealed. Hollow items such as cups and glasses should be inverted and placed in the upper basket. Concave based items should be placed at an angle so that water can run off them freely, or placed on top of the coffee bar (See page 27).

Tall, narrow, hollow pieces should be placed in the center of the basket, rather than in the corners, to ensure adequate water coverage. Small cups and glasses should be placed on the cup racks. Taller mugs and glasses can be placed underneath the rack. The spray arms must not be blocked by items which are too tall or hang through the baskets. If in doubt, test for free movement by manually rotating the spray arms. Some food items may contain natural dyes that can discolor plastic items in the dishwasher ( e.g. carrots, tomatoes, ketchup, etc.). The stability of plastic items is not affected by this discoloration.

Some loading examples are shown on the following pages. Note If the additional feature "Top Solo" has been selected with a wash program, all items must be loaded into the upper basket and cutlery tray. See the "Additional features" section for further information. In areas where the water has a high mineral content, it may be necessary to polish silverware after washing to achieve a high shine. 22 Loading the dishwasher Loading examples. Bottom basket. For larger and heavier items such as plates, serving platters, saucepans, bowls. Depending on the dishwasher model, glasses can be cleaned in the bottom basket if a special glassware insert is installed. The plate inserts on the left and right rear of the lower basket are removable. To remove, push the handles of both inserts toward the inside of the basket.

Once removed, the open area can accommodate large pots, casserole dishes, or accessory inserts (see "Special accessories"). Height limit Dishwashers with cutlery tray. The height guard at the base of the upper basket is there to protect the middle spray arm. No object placed in the lower basket should stand higher than this guard. Dishwashers with cutlery basket.

23 Loading the dishwasher Upper basket. Cutlery Dishwashers with cutlery basket: For small, lightweight, delicate items such as cups, saucers, glasses, dessert bowls, etc. Unsorted cutlery should be placed in the cutlery basket, with the sharp ends down. Place small spoons in the individual slots to either side of the cutlery basket. Larger items like soup ladles, long knives and mixing spoons should be placed lying down across the front of the upper basket.

24 Loading the dishwasher Utensil Insert for the Cutlery Basket By ensuring that one piece of cutlery does not rest against another, the included Utensil Insert will optimize the cleaning of soiled spoons and forks. Place the utensil handles into the inserts, making sure that adjacent items do not touch. To use the inserts: Place one in front of and one behind the basket handle by pushing them down over the notches on the basket partition walls. To remove the inserts: Press in the latching tabs, using a spoon handle if necessary, and remove the inserts from the basket. 25 Loading the dishwasher Dishwasher with cutlery tray (SC models): Spoon heads should be placed so that water can run off them freely. To make unloading easier, cutlery can be grouped in zones, one for knives, one for forks, etc. Larger items like sauce ladles, cake slices, long knives and mixing spoons can be placed lengthwise in the trough in the center of the tray.

Make sure that the upper spray arm can rotate freely after the tray is slid in, otherwise the rotation of the spray arm may be inadequate for a thorough cleaning. The cutlery tray insert is removable. Place the heads of cutlery with round or oval handles in the holders.

This will secure them during the wash cycle. Place spoons so that their heads are secured in at least one holder so they cannot flip over and collect water. 26 Loading the dishwasher Adjustable cup racks. Coffee bar. To make room for tall glasses, raise the rack. Lower it to double stack smaller items. To allow water to run off of the bottom of the coffee mugs, place them at a slant on top of the coffee bar. The bar can also be used as a separator between two rows of glasses to protect them and keep them from leaning against each other. To stack wide items, flip the bar to the right. 27 Loading the dishwasher Adjusting the upper basket.

(depending on model) The upper basket height is adjustable. If tall items of dishware are being washed, more room can be obtained by raising or lowering the upper basket. Depending on the setting of the upper basket, the following dishware dimensions can be accommodated: Dishwashers with cutlery tray Upper basket position Top Middle Bottom Upper basket diameter 6" (15.5 cm) 7" (17.5 cm) 7 1/2" (19.

5 cm) Lower basket diameter 12" (30 cm) 11" (28 cm) 10 1/2" (26 cm) Dishwashers with cutlery basket (non adjustable upper basket) Upper basket diameter Pull out the upper basket and loosen the two locknuts on either side of the basket. Adjust the basket up or down to the desired height.



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Operating the dishwasher. Turning on. Close the door. Open the water valve (if it is closed). Press the "On/Off"-button (14). Note: When required, the water softener reactivation process is performed before the wash program. It may last several minutes. During this process the "Softener" indicator will be on. The hardness of the water supply will dictate how often (after how many washes) the water softener needs to be reactivated.

For example, with a water hardness of 21 gr/gal, reactivation will take place after every 3 programs. With a water hardness of 8 gr/gal, reactivation will only take place after 8 programs. Starting a program. Turn the program and temperature selector knob (20) clockwise or counterclockwise to the desired program.

The program will start. Before starting the program, additional feature "Top Solo" can be selected if desired (see "Additional features", page 32). @@The dishwasher can now be unloaded. @@If the appliance will not be used for an extended period (e.g. @@@@The new program will start as soon as it has been selected.

Turn the program selector knob to the desired program. @@@@Warning! The water in the dishwasher may be hot, and steam may be present! @@The danger of burns and scalding exists. @@@@If the door is opened at the completion of the drying cycle, the dishes will cool much faster.

@@@@Using "Top Solo" will also save water and energy. @@Choose a program.

Press the "Top Solo"-button (17). @@@@Remove any coarse particles and rinse it under running water. @@@@Dishwashers with cutlery tray: Pull out the cutlery tray. @@@@Rinse under running water to complete the process. After cleaning, replace the spray arms.

@@@@To clean them: Remove the combination filter. Use a jug or bowl to scoop the water out of the wash cabinet. Pull out the non-return valve.

@@@@Carefully replace the non-return valve and secure it with the locking clamp. Replace and secure the combination filter. 40 Cleaning and care Cleaning the water intake filter. The water valve housing on the inlet hose contains electrical components and should not be immersed, or run through water.

A filter is incorporated in the intake hose that is attached to the dishwasher's main shutoff valve. If your water supply is hard, or the pipes contain sediment; this filter may clog and prevent sufficient water from entering the wash cabinet. It can be cleaned as follows: Cleaning the filter.

Disconnect the dishwasher from the electrical supply (unplug it or shut off the circuit breaker). Turn off the main shutoff valve and unscrew the intake hose. Carefully remove the rubber seal. Remove the filter using needle nose pliers and clean it by rinsing under running water. Replace the filter and seal. Make sure they are seated correctly. Screw the intake hose back onto the water valve, making certain it is not cross-threaded. Slowly turn on the valve and test for leaks. Installing an in-line water filter. If your water supply contains a large number of insoluble substances, we recommend installing a filter between the valve and the intake hose connection.

These filters can be obtained from the Miele Parts Department. 41 Cleaning and care Cleaning the wash cabinet. Generally the wash cabinet is selfcleaning, provided that the correct amount of dishwasher detergent is used. If lime scale or grease deposits form, they can be removed with a special dishwasher cleaner available from the Miele Parts Department. Cleaning the control panel.

The control panel can be cleaned using a damp cloth and mild detergent. Do not use abrasive, all purpose, or glass cleaners, as their use may damage plastic surfaces. Cleaning the door panel. Plastic laminate panels should be cleaned using a suitable, non-abrasive cleaning agent, or mild soapy water. Panels made from wood should be cleaned using a soft damp cloth and an appropriate wood cleaner.

Cleaning the door and the door seal. Wipe the door seal with a damp cloth to remove any food particles. Food residue and drink spillage should be wiped from the sides of the dishwasher door. These areas are not normally cleaned by water from the spray arms. 42 Problem solving guide Problem solving guide

With the aid of the following guide, minor problems can be easily corrected. If you are unable to correct the problem, please contact the Miele Service Department. Any work on the electrical components of the appliance should only be performed by a qualified and trained person in accordance with local and national regulations. Unauthorized or incorrect repairs could cause personal injury and/or damage the machine. Shortly after starting a program the "Intake/Drain" indicator lamp flashes. The water shutoff valve is closed. Open the valve.

The dishwasher should continue the program. If the program does not continue: Turn the program and temperature selector knob in the STOP position. then Turn off the dishwasher using the ON/OFF switch. Start the program again - see "Starting a program". Too little water may entering the machine due to insufficient water pressure. The intake hose filter is clogged see "Cleaning and care". The drain hose is kinked. @@@@ The plug is not inserted properly. The circuit breaker is defective or has tripped. The dishes are not clean.

The dishes are loaded incorrectly. @@@@ The salt reservoir cap has not been screwed on properly. Not enough rinse aid is being dispensed. Use a higher dosage setting - see "Adding rinse aid". @@@@Turn off the dishwasher using the ON/OFF switch.

The "Intake/Drain" indicator lights during the "ENERGY SAVER" program. The "ENERGY SAVER" program requires a water supply temperature of at least 45 °C/115 °F. If the incoming water is less than this temperature, the "Intake/Drain" lamp illuminates (see also "Program selection"). If your hot water system has been used recently, not enough hot water may have been available to adequately clean the dishes. If necessary, repeat the program.

If the "Intake/Drain" lamp lights again, select a different program. The "Softener", "Rinse", "Drying" and "End" sequence indicator lamps blink simultaneously. Turn the program and temperature selector knob to the STOP position. Turn off the dishwasher using the ON/OFF switch. After 5 seconds:

Turn on the machine. Re-select the program. If the lamps blink again there is machine fault. Please call the MIELE Service Department. Under certain circumstances you may still be able to use the "RINSE & HOLD" and "ENERGY SAVER" programs. 44 After sales service After sales service If you are still having problems, please contact the Miele Service Department.

(See back cover for addresses). Please have the model and serial numbers of your appliance available. This information can be found on the data plate on the upper edge of the door.



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Program update function - PC The Salt indicator lamp has a second function: It allows a technician with the proper equipment to change the programming of the dishwasher to take advantage of the latest technological developments. For instance, if a detergent becomes available that gives good wash results using only cold water, the wash programs can be changed to take advantage of this development to help reduce your energy costs. 45 Special accessories Special accessories Bottle holder (depending on model) Glass insert for the bottom basket: provides the ability to safely wash glasses in the bottom basket. (Only available for models with removable inserts in the lower basket.) Glass insert for the upper basket: provides special support for long stemmed glassware. Decor panel kit (GDU): to change an "i" model into a "u" model dishwasher. Side mount brackets: For installing a dishwasher under Corian® or granite countertops.

The bottle holder (for milk or baby bottles) is available for use in the lower basket. To achieve the proper cleaning results, the bottle holder should only be placed in the positions marked in white. Do not place them in the X marked positions. These and other accessories are available through your Dealer or the Miele Parts Department. 46 Installation instructions 47 Contents Contents Dishwasher installation .

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Position the control panel f over the backing plate and fasten it from the inside of the door g using the six screws provided. Align and press the program knob onto its shaft h. To remove the spacer bars from the control panel, place the panel on a table, printed side up, and gently push down on the spacer bars at a point near the bottom of the control panel.

This will release the mounting bolts from their slots. 53 Dishwasher installation 4. Aligning the control panel with the drawer fronts. Adjustment range from 4 1/2" control panel with(112 mm): out spacer bars, to 5 3/4" (145 mm): to 6": (154 mm): control panel with four spacer bars, using a fifth spacer bar (optional accessory). After adjusting the control panel height, cut off the plastic screw excess.

The control panel can be aligned with the drawer fronts of the kitchen cabinets by adjusting the spacer bars. Using an 8 mm socket, turn the nut clockwise or counterclockwise until the spacers reach the required height. If necessary, individual (or all) spacer bars can be removed. 54 Dishwasher installation 5. Installing the custom door panel. A custom door panel matching the kitchen cabinetry can be installed on the dishwasher by using the provided templates and bracket. Length: 19" - 23 3/4" (48.3 - 60.4 cm) Width: 23 1/2" (59.8 cm) Note: The maximum panel length is only applicable when no spacer bars are used.

If a Stainless Steel panel is being used, please follow the separate installation instructions included with the panel. After panel installation, see Step 6 "Adjusting the door springs". Place a template on each end of the bracket as shown, making sure the rule marks face the outside of the bracket. Hang the bracket on the machine door. Slide the top edge of the templates under the spacer bars and control panel. 55 Dishwasher installation Place the bracket on the back of the door panel and adjust it so that: the lines you drew on the templates align with the upper edge of the door panel and; the mounting bracket is centered (left to right) on the door panel. Slide the mounting bracket up or down until the oblong holes on the machine door align with the corresponding marks on the template (as shown in the left side of inset D. Draw a line on each template that is even with the top edge of the adjacent cabinet door (inset E).

Remove the bracket from the door. Place the door panel on a flat surface, good side facing down, taking care not to scratch the surface.

Make certain that the bottom of the panel is closest to you. Tape the bracket to the door panel to hold it in place while the mounting holes are being drilled.

Proceed to step "Drill pilot holes ...

". 56 Dishwasher installation If the adjacent cabinetry (or appliance) does not have drawers and alignment to a drawer line is impossible: Hang the bracket on the machine door, without the templates, and tighten the four locking screws on the edges of the door panel. Close the door. Measure the distance from the adjacent cabinet (or appliance) door bottom to the bottom of the mounting bracket (X). Using measurement (X), draw a line on the rear of the door panel (X) inches up from the bottom.

Remove the bracket from the machine door and place it on the rear of the door panel so that: the bracket is centered left to right, and the bottom of the bracket is aligned with the (X) line. Drill pilot holes for the screws using a 3/32" (2.5 mm) bit. Attach the bracket to the panel using the 6 screws provided.

Remove the templates (if used). The templates should be kept in case you want to install a different door panel on the dishwasher at a later date. Tape the bracket to the door panel to hold it in place while the mounting holes are being drilled. Attach the panel to the dishwasher by aligning the bracket tabs with the slots on the door. 57 Dishwasher installation Once the door panel is positioned correctly : Open the dishwasher door. Tighten all the Torx screws on the edges of the dishwasher door.

Use the provided caps to plug the locking screw access holes. Open the dishwasher door slightly. If the locking screws on the edge of the dishwasher door cannot be reached, the dishwasher will have to be pulled out of its recess a few inches. Push up one side of the door panel until it touches the spacer bars (or control panel if spacer bars are not being used) and lightly tighten the T20 Torx screw on the corresponding edge of the machine door. Repeat the process with the other side of the door panel. Shut the door. Check that the door panel is adjusted correctly. It should be snug at the top and neatly aligned with the cabinet drawer and door lines. If it isn't aligned properly, loosen the Torx screws and readjust the panel 58 Dishwasher installation 6. Adjusting the door springs.

The door springs are adjusted correctly when a half opened door remains in that position when released. If the door drops down, the spring tension needs to be increased. If the door closes, the spring tension needs to be decreased. The adjusting screw is located in the upper front strip, on the left hand side of the dishwasher. 7.

Securing the dishwasher to the countertop. To ensure the stability of the dishwasher, it must be attached to the countertop after it has been positioned. Insert one mounting bracket into each of the slots located at the left and right side of the machine top. Push the machine into its recess and if necessary, raise the dishwasher by extending the feet until it just touches the underside of the countertop. If a steam deflector is installed under the countertop, the bracket holes must align with the slots in the deflector.

Open the dishwasher door. Adjust the door springs to the correct balance by using a TORX screwdriver: turn clockwise to increase the tension turn counterclockwise to decrease the tension. 59 Dishwasher installation For Corian® or granite countertops, fasten the dishwasher to the adjacent cabinets as follows: For openings greater than 23 5/8" (60 cm) wide: Open the dishwasher door and using flat head screws, secure the dishwasher to the countertop by screwing through both the mounting brackets and the steam deflector. Make certain that the white rubber seal located at the top, outer edge of the dishwasher is tight against the bottom of the countertop. Do not drill any additional holes through any portion of the wash cabinet. If in doubt how to secure the dishwasher, please call the Miele Service Department. Pull the dishwasher 4" (10 cm) out of its opening. Insert the tab of each optional mounting bracket into the guide hole on top of the dishwasher, and then swing it to the right or left as required. Push the dishwasher back into its opening, align and fasten it to the adjacent cabinets using 2 screws for each bracket. 60 Dishwasher installation For openings exactly 23 5/8" (60 cm) wide: 8.

Installing the toe kick.



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For kitchens utilizing one continuous or a cabinet matching toeckick To prevent damaging the front panel, and before installing the toeckick, measurements must be taken to ensure that the toeckick will not interfere with the complete opening of the dishwasher door. Open the dishwasher door and remove the caps covering the mounting holes on the outer edge of the wash chamber. Fasten the dishwasher to the adjacent cabinets using the supplied screws and bushings. Make sure a bushing is placed over the screw before inserting it into its mounting hole. Tighten the screws and replace the caps. The side mounting holes should only be used for securing the dishwasher if the opening is exactly 23 5/8" (60 cm) wide. Use of this method on larger openings will damage the machine and cause leaks. The panel overhang (P), and toeckick depth of recess (R), determine the maximum dishwasher toeckick height (H). If the panel contacts the toeckick while the dishwasher door is being opened, the dishwasher toeckick must be cut shorter or recessed deeper.

If (H) is equal to or less than the toeckick height of the adjoining cabinetry, no interference will exist, provided that (R) is at least 3/4". Note: If a decorative or flush mount toeckick is desired, and (R) is less than 3/4", other modifications, such as beveling the top rear edge of the toeckick, may be necessary. 61

Dishwasher installation For kitchens utilizing the included plastic toeckick The included toeckick will fit without modification when: The machine is set to its maximum height (legs fully extended), and the toeckick is recessed as far as possible (4 "). If the machine height is less than maximum, or if the toeckick is recessed less than 4 ", the toeckick must be shortened (see following page). After installation, carefully open the dishwasher door to check that the front panel does not hit the toeckick.

If it does, remove the toeckick and trim it accordingly. Adjusting the toeckick recess. To adjust the depth (recess) of the toeckick, release the tension on the spring clips as shown, and push the mounting brackets included in the installation kit in as far as possible. 62 Dishwasher installation Trimming the toeckick The toeckick cannot be pushed back in. It must be unscrewed, so that the tension on the spring clips can be released.

The brackets can then be pushed in, and the toeckick re-attached. The rear of the toeckick has two cutting lines. Carefully open the dishwasher door until it hits the toeckick. Using the front lower edge of the door panel as a guide, draw a line across the toeckick. Unscrew and remove the toeckick. If one of the cutting lines is close to the line just drawn, score the front of the toeckick, and snap off the excess, otherwise, trim the toeckick along the line using a saw. Screw the toeckick back onto the brackets, with the cut edge at the bottom. If the dishwasher door does not open completely, the toeckick may need further trimming. Screw the toeckick onto the installed brackets, with the cutting lines towards the top, and pull out evenly until it aligns with the toeckick of the adjoining cabinets. 63

Electrical connection Electrical connection It is the responsibility and obligation of the customer to ensure that the electrical and plumbing installation is carried out by a qualified installer in compliance with national and local codes and ordinances.

Disconnect the appliance from the power supply before servicing the machine by pulling the plug or turning off the circuit breaker. Specifications. Power Supply: 120 VAC, 60 Hz; Rated Load: 12.5 A / 1500 W Circuit breaker: 15 AMPS The unit is equipped with a 5 ft (1.5 m) power supply cord for connection to a 120 V, 15 AMP grounded receptacle. Using an outlet: It is recommended that the power outlet for the appliance be installed in a cabinet or on a wall adjacent to the undercounter space in which the appliance itself will be located. An opening through the partition between the compartments of 1 1/2" (3 to 4 cm) can be made to allow the plug to pass through. Make certain that there are no rough edges that could damage the power cord. If metal cabinets are used, place the supplied rubber grommet around the edge of the opening before passing the cable through. Exercise care when pulling the dishwasher in or out, so as not to damage the power cord or hoses.

**GROUNDING INSTRUCTIONS. 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 the 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 and grounded in accordance with all local codes and ordinances.

**WARNING - Improper connection of the equipment grounding conductor can result in the risk of electric shock.** Check with a qualified electrician or service representative if you are in doubt as to whether the appliance is properly grounded. Do not modify the plug provided with the appliance; if it will not fit the outlet, have a proper outlet installed by a qualified electrician. 64 Electrical connection Permanent Connection (Hard Wiring). For hard wiring, the power cord must be disconnected from the terminal box located at the lower left front of the dishwasher, behind the toeckick and service panel.

Pass the permanent power supply cable through the strain relief and secure it to the terminal box. Connect: L1 N (Black) to L on terminal block (White) to N on terminal block GRND To ground connector **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 appliance. Use copper conductors only. Warning. Hardwiring the dishwasher should only be done if required by local electrical codes, and then in a manner consistent with those codes. Do not cut the plug off the power supply cord and connect it directly to the house wiring. 65 Plumbing Plumbing It is the responsibility and obligation of the customer to ensure that the electrical and plumbing installation is carried out by a qualified installer in compliance with national and local codes and ordinances. All dishwashers that carry the following blue and white sticker are designed to shut off the water and drain the wash cabinet in the rare event of an internal water valve failure. In order for this feature to be active, the door must be tightly shut, the "On/Off" button must be depressed, and the program selector knob must be in the "Stop" position. Hot water connection New plumbing: Hot water supply specifications: Recommended temperature: 120°F (49°C) Maximum temperature: 140°F (60°C) Water pressure: 4.

5 - 145 psi (0.3 - 10 bar) An air gap is built into the water inlet system and will prevent potable water mixing with waste water.



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66 The water inlet hose comes equipped with a 3/4" female hose thread connector. This can be directly connected to a shut off valve with 3/4" male hose thread ends. @@@@If the water pressure is too low the machine may not take in enough water in the allotted time and the "Intake/Drain" indicator lamp will flash (see "Problem solving guide"). If the water pressure is too high, a pressure reducer must be installed. Existing plumbing: If the standard 3/8" copper plumbing for a dishwasher already exists with a compression fitting and valve as pictured: Do not, under any circumstances, cut the intake hose. If the hose is cut, the dishwasher will not work, you will have a water leak and you could be injured. @@@@Connect the inlet hose to the existing valve/adaptor assembly. @@@@ A built-in swivel connector which allows the drain hose to be routed in any direction.

A built in non-return valve on the discharge side to prevent waste water from flowing back into the dishwasher. A built-in odor trap on the discharge side to prevent odors from entering the kitchen. Maximum drain height: 3 ft (1 m) Maximum drain hose length: 12 ft (3.5 m) Do not shorten the drain hose. Electrical wiring and components should not come into contact with any plumbing fixtures or hoses.

**IMPORTANT:** The dishwasher should be connected directly to the drain line. D = 24 " (60 cm) Connect the supplied drain hose to the drain pipe of the kitchen sink either: A - above the trap using the clamp provided, or B - to the dishwasher connector of the garbage disposal. When connecting the drain hose to the garbage disposal, make sure to remove the knockout from the connection nipple. (See disposal manufacturers instructions for this procedure.) A sample of a correct water and drain installation of a dishwasher is shown.

A hose that attaches to a sink spray can burst if it is installed on the same water line as the dishwasher. If your sink has one, it is recommended that the hose be disconnected and the hole plugged. Drain connection: 68 Plumbing Venting the drainage system Only if the dishwasher drain hose is connected to a floor drain or to a drain pipe that is below the level of the lower baskets wheels, the drain must be vented; otherwise the water inside of the dishwasher may siphon out during the course of a wash program. Vent the drain: Open the dishwasher door. Additional note. Since all Miele dishwashers are equipped with an odor trap and non-return valve, the drain hose can be connected directly to the drain pipe as illustrated. If plumbing codes require an external air gap on the discharge side of the dishwasher, the following requirements must be met: No part the drain hose should be higher than 39" (1 m). If installed horizontally, the drain hose can be up to 12 ft. (3.5 m) long.

If the drain hose is angled upwards in any way, it cannot be longer than 5 ft. (1.5 m). The drain connection should be made as close as possible to the dishwasher. The internal diameter (7/8" or 22 mm) of the drain hose should not be reduced at any point. Cut off the vent cap located at the right rear of the dishwasher, behind the filters, as illustrated 69 Technical Data Technical Data Height Width Width of opening Depth Depth with door open Weight Voltage Rated load Fuse rating Water pressure Hot water connection Drain height Drain length Power cord length 32 1/4" (82 cm) adjustable to 34 7/8" (88.6 cm) 23 1/2" (59.8 cm) 23 5/8" (60 cm) 22 1/2" (57 cm) U and i models 45 1/2" (116 cm) U and i models approx. 115 lbs (52 kg) 110/120 V AC 12.5 A / 1500 W 15 A 4.

5 - 145 psi (0.3 - 10 bar) 120°F (49°C) (max 140°F (60°C)) 3 ft (1 m) maximum 12 ft (3.5 m) maximum approx. 5 ft (1.5 m) 70 71 Alteration rights reserved (G680/G682) /000 2498 These instructions are printed on 100 % recycled paper and are completely Biodegradable.



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