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You can read the recommendations in the user guide, the technical guide or the installation guide for SMEG DWF409SS. You'll find the answers to all your questions on the SMEG DWF409SS in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual SMEG DWF409SS**  
**User guide SMEG DWF409SS**  
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INSTRUCTION MANUAL

EN



DISHWASHER



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**Manual abstract:**

2. 3. 4. 5. @@@@ Follow the recommended cleaning procedures to ensure that your dishwasher always remains in perfect working order. This manual provides a quick and easy reference for answering all your questions concerning the use of your new dishwasher. **INSTALLATION INSTRUCTIONS:** these are intended for the qualified technician who must carry out the installation, hook-up and testing of the appliance. **USER INSTRUCTIONS:** these consist of recommendations for using the appliance, a description of its controls and of the correct cleaning and maintenance procedures. 31 Safety instructions 1. Safety and operating instructions **THIS MANUAL FORMS AN INTEGRAL PART OF THE APPLIANCE: IT MUST ALWAYS BE KEPT INTACT TOGETHER WITH THE DISHWASHER.**

**BEFORE USING THE APPLIANCE, CAREFULLY READ ALL THE INSTRUCTIONS CONTAINED IN THIS MANUAL. INSTALLATION MUST BE PERFORMED BY A QUALIFIED TECHNICIAN, IN COMPLIANCE WITH THE REGULATIONS IN FORCE. THIS APPLIANCE IS INTENDED FOR DOMESTIC USE, AND COMPLIES WITH THE EEC DIRECTIVES 72/23, 89/736 (INCLUDING 92/31) CURRENTLY IN FORCE, INCLUDING THE PREVENTION AND ELIMINATION OF RADIO FREQUENCY INTERFERENCE. THE APPLIANCE IS DESIGNED FOR THE FOLLOWING PURPOSE: WASHING AND DRYING OF DISHES; ANY OTHER USE SHALL BE CONSIDERED IMPROPER. THE MANUFACTURER DECLINES ALL RESPONSIBILITY FOR USES OTHER THAN THOSE DESCRIBED ABOVE.**

**THE NAME PLATE FEATURING THE TECHNICAL DATA, SERIAL NUMBER AND MARKINGS IS VISIBLY POSITIONED ON THE INNER EDGE OF THE DOOR. THE NAME PLATE ON THE INNER EDGE OF THE DOOR MUST NEVER BE REMOVED. DO NOT LEAVE THE DISCARDED PACKAGING MATERIALS UNSUPERVISED WITHIN THE HOME. SEPARATE THE VARIOUS MATERIALS WHICH MAKE UP THE PACKAGING AND TAKE THEM TO THE NEAREST SORTED WASTE COLLECTION CENTRE. THE APPLIANCE MUST BE PROVIDED WITH AN EARTH CONNECTION IN ACCORDANCE WITH THE ELECTRICAL SAFETY REGULATIONS IN FORCE.**

**THE MANUFACTURER DECLINES ALL RESPONSIBILITY FOR DAMAGE TO PERSONS OR PROPERTY RESULTING FROM THE FAILURE TO EARTH THE APPLIANCE OR FROM A DEFECTIVE EARTH CONNECTION. @@@@AVOID USING ADAPTORS OR SHUNT CONNECTIONS. @@@@AFTER CHANGING THE POWER CORD, MAKE SURE THAT THE BRACKET WHICH SECURES THE CORD IS FIXED SECURELY IN PLACE. IF THE APPLIANCE IS INSTALLED ON A CARPETED OR COVERED FLOOR, ENSURE THAT THE OPENINGS ON ITS UNDERSIDE ARE NOT OBSTRUCTED. ALWAYS SWITCH OFF THE DISHWASHER AFTER EACH USE TO AVOID WASTING ELECTRICITY. OBSOLETE APPLIANCES MUST BE RENDERED UNUSABLE. CUT OFF THE MAINS POWER CORD AFTER UNPLUGGING IT FROM THE WALL OUTLET, AND MAKE SAFE ANY COMPONENTS WHICH MIGHT BE DANGEROUS FOR CHILDREN (LOCKS, DOORS, ETC.). THE APPLIANCE MUST THEN BE TAKEN TO A SORTED WASTE COLLECTION CENTRE. IN THE EVENT OF A FAULT, DISCONNECT THE DISHWASHER FROM THE ELECTRICAL POWER SUPPLY AND SHUT OFF THE WATER TAP.**

**THEN CALL IN A QUALIFIED TECHNICIAN. DO NOT USE APPLIANCES WHICH HAVE BEEN DAMAGED DURING TRANSIT! IF IN DOUBT, CONSULT YOUR DEALER. THE APPLIANCE MUST BE INSTALLED AND CONNECTED IN ACCORDANCE WITH THE INSTRUCTIONS PROVIDED BY THE MANUFACTURER OR BY A QUALIFIED TECHNICIAN. THE APPLIANCE IS INTENDED FOR USE BY ADULTS. DO NOT ALLOW CHILDREN TO COME NEAR OR PLAY WITH THE DISHWASHER. KEEP CHILDREN AWAY FROM DETERGENTS AND FROM THE OPEN DISHWASHER DOOR. THE PACKAGING MATERIALS (PLASTIC BAGS, POLYSTYRENE, METAL BARS, ETC.) MUST NOT BE LEFT WITHIN THE REACH OF CHILDREN. KEEP CHILDREN AWAY FROM THE OPEN DISHWASHER. THE APPLIANCE MAY CONTAIN RESIDUES OF DETERGENT WHICH CAN CAUSE IRREVERSIBLE DAMAGE TO THE EYES, MOUTH, AND THROAT, AS WELL AS POSSIBLE DEATH BY SUFFOCATION.**

**DO NOT INTRODUCE SOLVENTS SUCH AS ALCOHOL OR TURPENTINE WHICH MAY CAUSE AN EXPLOSION. DO NOT LOAD DISHES THAT ARE SOILED WITH ASH, WAX OR PAINTS. 33 Safety instructions LEANING OR SITTING ON THE DISHWASHER DOOR WHEN OPEN MAY CAUSE THE APPLIANCE TO OVERTURN, PUTTING PEOPLE AT RISK. DO NOT DRINK THE WATER RESIDUES WHICH MAY BE PRESENT INSIDE THE DISHES OR DISHWASHER AT THE END OF THE WASHING PROGRAM AND BEFORE THE DRYING CYCLE. KNIVES OR OTHER SHARP-ENDED COOKING UTENSILS MUST BE PLACED IN THE CUTLERY BASKET BLADE-DOWN, OR LAID HORIZONTAL IN THE TOP BASKET.**

**TAKE CARE NOT TO CUT YOURSELF AND ENSURE THAT THEY DO NOT PROJECT FROM THE BASKET. AQUASTOP MODELS THE AQUASTOP DEVICE PREVENTS FLOODING IN THE EVENT OF A WATER LEAK. WHEN THE AQUASTOP DEVICE IS TRIPPED, CALL IN A QUALIFIED TECHNICIAN TO IDENTIFY AND REPAIR THE FAULT. IN MODELS EQUIPPED WITH THE AQUASTOP DEVICE, THERE IS A SOLENOID VALVE INSIDE THE WATER INTAKE HOSE. DO NOT CUT THE HOSE AND DO NOT ALLOW THE SOLENOID VALVE TO DROP INTO WATER. IN THE EVENT OF DAMAGE TO THE WATER INTAKE HOSE, DISCONNECT THE APPLIANCE FROM THE ELECTRICAL POWER SUPPLY AND FROM THE WATER SUPPLY. IMMEDIATELY AFTER INSTALLING THE DISHWASHER, PERFORM A QUICK TEST OF THE APPLIANCE FOLLOWING THE INSTRUCTIONS BELOW. IF THE DISHWASHER FAILS TO OPERATE CORRECTLY, DISCONNECT IT FROM THE ELECTRICAL POWER SUPPLY AND CALL THE NEAREST TECHNICAL SERVICE CENTRE. DO NOT ATTEMPT TO REPAIR THE APPLIANCE. THE DISHWASHER MEETS ALL THE REQUIREMENTS SET OUT BY THE REGULATIONS IN FORCE CONCERNING SAFETY AND ELECTRICAL EQUIPMENT. ANY TECHNICAL CHECKS SHOULD BE CONDUCTED EXCLUSIVELY BY A TRAINED AND AUTHORISED TECHNICIAN: REPAIRS CARRIED OUT BY UNAUTHORISED PERSONS WILL INVALIDATE THE WARRANTY, AS WELL AS POSING A POTENTIAL HAZARD TO THE USER. The manufacturer declines all responsibility for damage to persons or property resulting from failure to observe the above precautions, from tampering with even a single component of the appliance, or from the use of non original spare parts. 34 Installation instructions 2. Installation and hook-up Remove the polystyrene basket retainers. Position the appliance in the desired place of installation.**

**The back or sides of the dishwasher may be placed up against walls or other furniture units. If the dishwasher is installed near a heat source, fit the special insulating panel to prevent overheating and malfunction of the appliance. To ensure stability, install integrated or built-under dishwashers only under continuous worktops, and screw them to the adjacent units. To facilitate the installation procedure, the intake and drain hoses can be positioned in any direction; make sure that the hoses are not kinked, crushed or pulled too tightly. A hole at least 8 cm in diameter is required to allow the power supply cable and pipes to pass. Level the appliance on the floor using its adjustable feet. @@@@ It is important to prevent the hose from coming loose and falling. @@The free end should be positioned at a height of between 30 and 100 cm, and should never be submerged in water. If a horizontal drain extension hose is used (for a maximum of 3 m) the drain hose can be placed at a maximum height of 85 cm from the ground. 2. Electrical connection Plug the power cord into a suitable electrical outlet, according to the instructions given in chapter "1. Safety and operating instructions". 36 User instructions 3. Description of the controls 3.**

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1 Front panel All the dishwasher control are grouped on the front panel.

1 2 3 4 5 6 7 8 ON/OFF BUTTON SELECTION PROGRAMS BUTTONS (P1...P5) POWER ON LIGHT PROGRAMS LIGHTS NO SALT LIGHT NO RINSE AID LIGHT PROGRAM PHASES LIGHTS RECESSED DOOR HANDLE LIGHTING When the ON/OFF button (1) is pressed, the dishwasher switches on and the light (3) comes on. About 2 seconds later, the PROGRAM PHASES lights (7) will come on.

PROGRAMMING In this model of dishwasher, all programming procedures can only be carried out with the door closed. As long as the door is open, the PROGRAMS lights (4) and PROGRAM PHASES lights (7) will remain off. 37 TABLE OF PROGRAMS PROGRESS PROGRAM SELECTION TYPE AND GRADE DIRT PREWASH WASH COLD RINSE HOT RINSE DRY SOAK PANS AND DISHES IN WAITING OF COMPLETING THE LOAD COLD \_ \_ \_ \_ DELICATE DISHES NOT VERY DIRTY \_ 45°C 1 68°C YES TABLE FOR CERTIFICATION BODIES ECO (\*) PANS AND DISHES NOT VERY DIRTY BUT WITH DRY RESIDUALS \_ 55°C 1 68°C YES Reference standard Reference program Load Type of detergent Amount of detergent Rinse aid setting EN 50242 ECO 9 place-settings B 25 g Depending on the model 3/4 or 4/6 NORMAL PANS AND DISHES DIRTY AND WITH DRY RESIDUALS COLD 65°C 1 68°C YES SUPER PANS AND DISHES VERY DIRTY AND WITH DRY RESIDUALS 45°C 70°C 2 68°C YES EN 50242 STANDARD LOADS

Only run the soak program with half loads. (\*) Reference program as EN 50242 standard. (-) Not present. The washing cycle will not take place if the dishwasher door is left open or not properly closed. LOWER BASKET UPPER BASKET For any other information about use and maintenance of the dishwasher, read the enclosed manual carefully. The upper basket must be set in the low position. 19 592 0005 01 User instructions SELECTION PROGRAM The program selection is possible through the relative buttons (2). When the button relating to the program required (see enclosed programs chart) is pressed, the relative light will come on to confirm the operation.

START PROGRAM To start the appliance, simply press the button of the chosen program and keep it pressed for a few seconds; the PROGRAM PHASES light system; Add the regenerating salt; Add the rinse aid and detergent. 4.1 Using the water softening system The amount of scale contained in the water (water hardness index) can cause whitish staining on the dry dishes, which tend to become dull over time. The dishwasher is equipped with an automatic softening system which uses a special regenerating salt to reduce the hardness of the water. The dishwasher is factory set for water hardness level 3 (average hardness 41-60°dF 24-31°dH). SALT When using water of medium hardness, the regenerating salt container should be refilled after approximately 20 washing cycles. The salt container can hold approximately 1.5 Kg of salt in grains. Some models are equipped with an optical no-salt indicator. In these models, the cap of the salt container contains a green float which descends as the salt concentration; remove coarse food remains: e. g. bones, fish-bones, etc. which may clog the filter or damage the wash pump. ·soak any pots or pans with burnt-on food remains on the bottom to facilitate removal, then load them into the LOWER BASKET. There is no need to pre-wash the dishes under running water before loading them into the baskets since this only wastes water.

Correct loading of the dishes helps ensure optimal washing results. WARNING! ····· Make sure that the dishes are securely in place so that they cannot tip over or obstruct the rotation of the spray arms during the washing cycle. Do not place very small objects in the baskets as these could fall and obstruct the spray arms or the wash pump. Containers such as cups, bowls, glasses and pots should always be loaded with the opening facing downwards and with any cavities at an angle, to allow the water to drain out. Do not stack dishes or place them in such a way that they cover one other.

Do not place glasses too close together because they may knock against each other and break, or there might be staining at the point where they touch. MAKE SURE that the items being washed are dishwasher-safe. 47 User instructions Items which are not dishwasher-safe: ····· Wooden dishes, pots or pans: these may be damaged by the high washing temperatures. Handcrafted items: these are rarely suitable for washing in a dishwasher. The relatively high water temperatures and the detergents used may damage them. Plastic dishes: heat resistant plastic dishes must be washed in the upper basket. Dishes and objects in copper, tin, zinc or brass: these tend to stain. Aluminium dishes: items made from anodised aluminium may lose their colour. Silverware: silver items may stain. @@@@Pots, pans and their covers must be loaded upside down.

@@Take care during loading to avoid injury from the knife blades. @@@@To make full use of the space available, the top basket has two plastic grids that can be lifted to make room for tall glasses such as stem glasses. 50 User instructions LOADING THE UPPER BASKET Load plates facing forward; cups, bowls etc. must always be facing downwards. The left-hand side of the basket can be loaded with two layers of cups and glasses. The centre can be filled with plates and sideplates, fitted upright into the supports provided. Loading examples: ADJUSTING THE UPPER BASKET The upper basket can be adjusted in two positions, according to the user's needs and according to the height of the dishes in the lower basket. Proceed as follows: ··· turn the retainer E on both runners, right and left, through 90°; remove the basket; lift the basket and fit the smaller pairs of wheels in the runners; return the retainers E to their original position. 51 User instructions 5. Cleaning and maintenance Before carrying out any work, always disconnect the appliance from the electrical power supply.

5.1 General warnings and recommendations Avoid the use of acidic or abrasive detergents. Clean the outer surfaces and door-lining of the dishwasher regularly using a soft cloth moistened with water or with a normal detergent suitable for painted surfaces. Clean the door gaskets with a damp sponge.

Periodically (once or twice a year) it is advisable to clean the tank and gaskets, using a soft cloth and water to remove any deposits.

CLEANING THE WATER INTAKE FILTER The water intake filter A located at the outlet of the water supply tap needs to be cleaned periodically. After having closed the water supply tap, unscrew the end of the water intake hose, remove the filter A and clean it delicately under running water. Reassemble filter A in its seat and carefully screw the water intake hose back into position.



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**CLEANING THE SPRAY ARMS** The spray arms can be easily removed for periodic cleaning of the nozzles, to prevent possible clogging. Wash them under running water and carefully replace them in their seats, checking that their rotary movement is in no way impeded.

To remove the upper spray arm, unscrew locking ring R. To remove the lower spray arm, simply lift it up, pulling by the central part. To remove the orbital spray arm assembly, take hold of the longer arm and pull the orbital unit upward. After reassembly, check that the spray arms turn freely. Otherwise, check that they have been installed correctly. Remove the centre filter by lifting it upwards.

**GENERAL WARNINGS AND RECOMMENDATIONS FOR CORRECT MAINTENANCE:** The filters should be cleaned under running water using a stiff brush. It is essential to thoroughly clean the filters according to the above instructions: the dishwasher cannot function if the filters are clogged. Carefully replace the filters in their seats, to avoid damaging the wash pump. **PROLONGED DISUSE:** Run the soak program twice in succession.

Unplug the power cord from the socket. Leave the door slightly open, in order to prevent the formation of unpleasant odours inside the washing tank. Fill the rinse aid dispenser. Shut off the water supply tap. **53 User instructions BEFORE STARTING THE DISHWASHER AFTER PROLONGED DISUSE:** Check that there are no deposits of sludge or rust inside the water pipe: if there are, allow the water to run from the water supply tap for a few minutes. Plug the power cord back into the socket. Reconnect the water intake hose and open the tap again. **TROUBLESHOOTING MINOR PROBLEMS** In some cases it is possible to remedy minor problems by referring to the following instructions: If the program fails to start, check that: the dishwasher is connected to the electrical power supply; there is no power failure; the water tap is open; the dishwasher door is properly closed. If water remains inside the dishwasher, check that: the drain hose is not kinked; the drain siphon is not obstructed; the dishwasher filters are not clogged. If the dishes are not being cleaned properly, check that: the correct amount of detergent has been added; there is regenerating salt inside the special container; the dishes are being loaded correctly; the selected program is suitable for the dish types and their degree of soiling; all the filters are clean and positioned correctly; the spray arm nozzles are not obstructed; there is no object obstructing the rotation of the spray arms.

**54 User instructions** If the dishes fail to dry or remain dull, check that: there is rinse aid inside the special container; the rinse aid dispenser setting is correct; the detergent used is of good quality and has not lost its effectiveness (for example, through incorrect storage, with the box left open). If the dishes show signs of streaking, staining, etc., check that: the rinse aid dispenser setting is not too high. If there are visible traces of rust inside the tank: the tank is made of steel, and therefore any rust marks are due to external elements (fragments of rust from the water pipes, pots, cutlery, etc.).

Special products are commercially available to remove such marks; check that the amount of detergent being used is correct. Certain detergents can be more corrosive than others. The system which limits the water level inside the dishwasher (safety unit) has been tripped. The appliance is not able to pump out the water. **E1 E2 E3 E4** Temperature sensor disconnected.

**E5** The appliance is not able to take in water. **E6** The appliance is not able to pump out the water from the tank. The appliance is not able to measure the amount of water loaded accurately (on models with turbine flow-regulator only). Anomaly in the system which distributes water to the basket (where installed). The maximum level of water for loading has been exceeded (on models with turbine flow-regulator only). **E7 E8 E9 56** User instructions **TECHNICAL DATA** Width Depth measured flush with the outer edge of the control panel Height Capacity Water supply pressure Electrical characteristics 447 ÷ 449 mm Free standing: 600 mm Semi-integrated: 590 mm Free standing from 850 mm to 870 mm Semi-integrated from 820 mm to 870 mm 9 Standard place settings min. 50 max. 900 KPa (min. 0.5 max.

9 bar) See rating plate 57 1 820 - 870 570 448 0 45 2 min. 570 1 55 0 60 3 3 100 - 170 90 130 4 820870 2 820-870 5 max. 1,10 m 6 1/2" S N SF 3/4" 0,3-10 bar 0,3-10 bar min. 0,5 m 3x16 4 min. 0,4 m min. 0,4 m 6 1,14 m 1,23 m 1,78 m 1,25 m 1,50 m 1,66 m 5 min. 0,00 m 820870 7 7 8 8 9 10 9 Superficie interna Surface interne Innenfläche Lato superiore Bord supérieure Upper edge Oberkante 10 11 12 13 11 15 14 12 1 13 14 16 15 14 8 10.



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