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You can read the recommendations in the user guide, the technical guide or the installation guide for BOSCH SPS50E22EU. You'll find the answers to all your questions on the BOSCH SPS50E22EU in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual BOSCH SPS50E22EU**  
**User guide BOSCH SPS50E22EU**  
**Operating instructions BOSCH SPS50E22EU**  
**Instructions for use BOSCH SPS50E22EU**  
**Instruction manual BOSCH SPS50E22EU**



en Instruction manual



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**Manual abstract:**

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2. @ @ 3. Do not let children play with packaging and its parts. There is a risk of suffocation from collapsible boxes and film. @ @ @ @ Prior to installation, disconnect the dishwasher from the power supply. Ensure that the protective conductor system of the domestic supply has been correctly installed. The electrical connection conditions must correspond with the specifications on the dishwasher rating plate 92. If the power cord of this appliance is damaged, it must be replaced with a particular power cord. To prevent injury, the power cord may be purchased from customer service only. If the dishwasher is installed in a high-sided unit, the unit must be secured properly.

If the dishwasher is installed below or above other domestic appliances, follow the information for installation in combination with a dishwasher in the installation instructions for the particular appliances. Also follow the installation instructions for the dishwasher to ensure that all appliances are operated safely. If there is no information or if the installation instructions do not include the appropriate information, contact the manufacturer of these appliances to ensure that the dishwasher can be installed above or below these appliances. 5 en Safety instructions If you cannot obtain any information from the manufacturer, you must not install the dishwasher above or below these appliances. If you install a microwave oven above the dishwasher, the microwave oven may be damaged.

Install built-under or integratable appliances only under continuous worktops which have been screwed to adjacent cupboards to ensure stability. Do not install the appliance near heat sources (radiators, heat storage tanks, cookers or other appliances which generate heat) and do not install under a hob. After installing the appliance, ensure that the plug is easily accessible. (See Electrical connection) Some models: The plastic housing on the water connection contains an electric valve, the connecting cables are in the supply hose. Do not cut through this hose, do not immerse the plastic housing in water.

In daily use Read and observe the safety information and instructions for use on the packaging for cleaning and rinsing agents. Childproof lock (door lock) \* Do rlock The description of the childproof lock is at the back in the envelope. \* depending on model Damage The appliance may be repaired and opened up by a technician only. To do this, disconnect the appliance from the power supply. Pull out the mains plug or switch off the fuse. Turn off the tap. If the appliance is damaged, especially the fascia (cracks, holes, broken buttons), or the door function is impaired, stop operating the appliance. Pull out mains plug or switch off fuse. Turn off tap, call customer service. 6 Safety instructions en Disposal 1.

Make redundant appliances unusable to prevent subsequent accidents. 2. Dispose of the appliance in a n environmentally friendly manner. m Warning Risk of explosion! Do not add any solvents to the washing chamber. Danger of explosion! m Warning m Warning Risk of injury! To prevent injuries, e.g. caused by stumbling, open the dishwasher only briefly in order to load and unload the dishwasher. Knives and other utensils with sharp points must be placed in the cutlery basket with the points downwards or horizontally on the knife shelf\*. Do not lean or sit on the open door. In the case of free-standing appliances, ensure that the baskets are not overloaded.



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If the appliance is not in a cavity and a side panel is accessible, the door hinge area must be covered at the side for reasons of safety (risk of injury). The covers are available as optional accessories from customer service or specialist outlets. \* depending on model Risk of scalding! Open the door carefully when the programme is still running. There is a risk of hot water spraying out of the appliance. m Warning Risks to children! If fitted, use the childproof lock.

An exact description can be found in the back of the envelope. Do not allow children to play with or operate the appliance. Keep children away from detergents and rinse aid. These may cause chemical burns in the mouth, throat and eyes or asphyxiation. Keep children away from open dishwasher.

The water in the rinsing compartment is not drinking water and could contain detergent residue. Ensure that children do not place fingers in the tablet collecting tray 12. Small fingers could become caught in the slots. 7 en Protection of the environment When opening and closing the door on an eye-level appliance, ensure that children do not become jammed or crushed between the appliance door and the cupboard door below. Children could become locked in the appliance (danger of suffocation) or get into another dangerous situation. Redundant appliances: Pull out the mains plug, sever and dispose of the power cord. Destroy the door lock so that the door can no longer be closed. Protection of the environment nco oteP i tr ef ho t m nv on ri te n e Both the packaging of new appliances and the old appliances themselves contain valuable raw materials and recyclable materials. Please dispose of the individual parts separated according to type. Please ask your dealer or inquire at your local authority about current means of disposal.

Packaging All plastic parts of the appliance are identified with internationally standardised abbreviations (e.g. >PS< polystyrene). Therefore, plastic waste can be sorted out when the appliance is being disposed of. Please follow the safety instructions under "Delivery". Old appliances Please follow the safety instructions under "Disposal of your appliance". This appliance is labelled in accordance with European Directive 2012/19/EU concerning used electrical and electronic appliances (waste electrical and electronic equipment - WEEE). The guideline determines the framework for the return and recycling of used appliances as applicable throughout the EU 8 Getting to know your appliance en Getting to know your appliance gG ntt ie w o n kt o r u o y eip ca nl a Appliance interior 1" Top basket 1\* Knife shelf \* 12 Tablet collecting tray 1: Upper spray arms 1B Bottom spray arm 1J Dispenser for special salt 1R Filters 1Z Cutlery basket 1b Bottom basket 1j Dispenser for rinse aid 9" Detergent dispenser 9\* Lock for detergent dispenser 92 Rating plate \* depending on model

Diagrams of the control panel and the interior of the appliance can be found in the envelope at the front. Individual positions are referred to in the text. Control panel ( ON/OFF switch 0 Door opener 8 Programme selector @ START button H Digital display P Timer programming \* X Additional options \*\* Rinse aid refill indicator h Salt refill indicator )" Display "Check water supply" \* depending on model \*\* Number depending on model 9 en Water softening system/Special salt Water softening system/Special salt W rt ea gfn to i ns e lips acy m S es / t tls a Setting The amount of salt dispensed can be set from : to : .

Salt is not required at the set value : . 1. Find out about the hardness value of your tap water. Your water utility company will help you with this. 2.

Set value can be found in the water hardness table. 3. Close the door. 4. Switch on ON/OFF switch (.

5. Press and hold down the START button @. 6. Rotate programme selector 8 until : ... is inubricating grease or ink. Aluminium and silver parts have a tendency to discolour and fade during the wash cycle. Even some types of glass (e.g.

crystal glass objects) may turn cloudy after many wash cycles. Glass and utensil damage Causes: Glass type and glass production process. Chemical composition of the detergent. Water temperature of the wash programme. Recommendation: Use only glasses and porcelargent dispenser 9" only (insert tablet flat, not on its edge). Dosage: see manufacturer's instructions on the packaging. The graduated detergent dispenser 9" helps you add the correct amount of powder or liquid detergent. Usually 20 ml–25 ml are adequate for normal soiling. If using tablets, one tablet is adequate. You can use tablets as well as powder or liquid detergents for dishwashers, but never use washing up liquid.

The dosage can be individually adjusted with powder or a liquid detergent according to the degree of soiling. Tablets contain an adequately large amount of active ingredients for all cleaning tasks. Modern, powerful detergents predominantly use a lowalkaline formulation with phosphate and enzymes. Phosphates bond the lime in the water. Enzymes break down starch and remove protein.

Phosphate-free detergents are less frequent. These have a slightly weaker lime bonding capacity and require a higher dosage. To remove coloured stains (e.g. tea, tomato sauce), oxygenbased bleaching agents are usually used.

Note To ensure a good washing result, always follow the instructions on the detergent packaging! If you have further questions, we recommend that you contact the detergent manufacturers' helpline. m Warning – Read and observe the safety information and instructions for use on the packaging for cleaning and rinsing agents. 17 en Detergent 2. Close the cover on the detergent dispenser by sliding it up until the lock engages without difficulty. Combination detergent Apart from conventional detergents (Solo), a number of products are offered with additional functions. These products contain not only the detergent but also rinse-aid and salt replacement substances (3in1) and, depending on the combination (4in1, 5in1, etc.), additional components such as glass protection or stainless steel cleaner. Combination detergents function only up to a specific degree of hardness (usually 21°dH). Over this limit salt and rinse-aid must be added. As soon as combined detergents are used, the rinse programme is adjusted automatically to ensure the best possible rinsing and drying result.

The detergent dispenser opens automatically at the optimum time depending on the programme. The powder or liquid detergent is distributed in the appliance and is dissolved, the tablet falls into the tablet collecting tray where it dissolves in doses. Tip If the utensils are only lightly soiled, slightly less than the indicated amount of detergent is usually adequate. Suitable detergents and care products can be purchased online via our website or via customer service (see back page). 18 Detergent en m Warning – Do not place small parts for washing in the tablet collecting tray 12; this prevents the tablet from dissolving evenly.



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**Warning** – If you want to add more utensils after the programme has started, do not use the tablet collecting tray 12 as a handle for the upper basket. The tablet could already be there and you will touch the partially dissolved tablet. Notes You will obtain optimum rinsing and drying results by using solo detergents and applying salt and rinse aid separately. If programmes are short, tablets may not have full cleaning effect due to different dissolving properties and there may even be undissolved detergent residue. It is recommended to use washing powder for these programmes.

The Intensive programme (on some models) requires one tab only. When using washing powder, you can apply some of this cleaning agent to the inside of the appliance's door. Even if the rinse-aid and/or salt refill indicator is lit, the rinse programme will run correctly with combined detergents. If using detergents in a water-soluble protective cover: Take hold of the cover with dry hands only and put the detergent into an absolutely dry detergent dispenser only, otherwise the detergent may stick. If you switch from combined detergents to solo detergents, ensure that the water softening system and amount of rinse aid have been set to the correct value.

**Overview of programmes** Overview of programmes in overview The max. possible number of programmes is illustrated in this overview. The corresponding programmes and their arrangement can be found on the fascia. Type of utensils Type of soiling Programme Possible additional options Programme sequence pots and pans, non-sensitive utensils and cutlery very adhesive burned Intensive 70° in or dried-on food remnants containing starch or protein ±/° Á Á Auto 45° - 65° all Prerinse Clean 70° Intermediate rinse Final rinse 65° Drying Is optimised according to the soiling with the aid of sensors. Is optimised according to the soiling with the aid of sensors.

Prerinse Clean 50° Intermediate rinse Final rinse 65° Drying Prerinse Clean 40° Intermediate rinse Final rinse 55° Drying Clean 45° Intermediate rinse Final rinse 55° Prerinse all Auto 45° - 65° all mixed utensils and cutlery part dried, common household food remnants à/à Eco 50° all sensitive utensils, cutlery, slightly adhesive, temperature fresh food remnants sensitive plastic and glasses é/è Gentle 40° IntensivZone Express Wash/ Speed Perfect (VarioSpeed) Half load Extra drying Extra drying ñ/ð Quick 45° all types of utensils cold rinsing, intermediate cleaning Prerinse ù/ø none 20 Additional options en Programme selection You can select a suitable programme according to the type of utensils and degree of soiling. Half load § Half load \* Information for test institutes Test institutes receive the information for comparability tests (e.g. according to EN60436). These are the conditions for conducting the tests, however these are not the results or consumption values. Request by e-mail to: dishwasher@test-appliances.com The product number (E no.) and the production number (FD) are required which you can find on the rating plate 92 on the appliance door. If you have only a few items to wash (e.g.

glasses, cups, plates), you can switch to "half load". This will save water, energy and time. It is recommended to put a little less detergent in the detergent dispenser than for a full load. · Hygiene \* Hygiene The temperature is increased during the cleaning process. This increases the hygiene status. This additional option is ideal for cleaning e.g. chopping boards and baby bottles. ÿ Intensive zone \* Intensivezone Additional options liA ni otd sit np oo Perfect for a mixed load. You can wash very soiled pots and pans in the lower basket together with normally soiled utensils in the upper basket.

The spray pressure in the lower basket is intensified, the rinsing temperature is increased slightly. \* depending on model Additional options can be set with the buttons X. ç Extra drying \* Extra drying Express Wash/Spe dPerfect (VarioSpe d) Ý Express Wash/ Speed Perfect/ (VarioSpeed) \* An increased temperature during the final rinse and an extended drying phase ensure that even plastic parts dry better. There is a slight increase in the energy consumption. This function can reduce the running time by approx.

20% to 50% depending on the selected rinse programme. The change in the running time is indicated on the digital display H. To obtain optimum cleaning results at a reduced running time, water and energy consumption are increased. 21 en Operating the appliance Operating the appliance ga ntr iO e p eiph c at nl e a Switching on the appliance 1. Turn on the tap fully.

2. Switch on ON/OFF switch (. 3. Rotate programme selector 8 to the required programme. The expected programme duration flashes on the digital display H. 4. Press START button @. The programme starts running. Note - for environmentally friendly operation of the dishwasher: The Eco 50° programme is a particularly environmentally friendly programme. According to EU regulation 1016/2010 it is the "Standard programme" which is the most efficient standard cleaning cycle for cleaning normally soiled utensils in terms of the combined energy and water consumption for cleaning these types of utensils.

**Programme data** The programme data (consumption values) can be found in the summary of instructions. They refer to normal conditions and the water hardness set value : . Different influencing factors such as e.g. @@The Aqua sensor is used according to the programme. @@@@1. Close the door.

2. Switch on ON/OFF switch (. 3.

Press button P until the digital display H jumps to : . 4. @@@5. Press START button @, timer programming is activated. 6.

@@@@Automatic disconnection can be adjusted from : to : . @@@Close the door. 2. Switch on ON/OFF switch (. 3.

Press and hold down the START button @. 4. Rotate programme selector 8 until : ... s indicated on the digital display H. 5. Release button. The factory set value : is lit on the digital display H. To change the setting: 1.

@@@@2. Press START button @. @@@Switch off ON/OFF switch (. 2. Turn off the tap (not applicable if Aqua-Stop fitted). 3. @@@@Switch off ON/OFF switch (. The LEDs go out. The programme is saved. @@@@2.

@@@@The running time may increase slightly. (Caution if utensils are delicate!) 1. Close the door. 2. Switch on ON/OFF switch (. 3.

3. Press and hold down the START button @. 4. @@@5. Release button.

@@@@Change the setting as follows: 1. @@@2. Press START button @. @@@Press START button @ for approx. 3 sec. The numerical display H indicates : . 2. The programme sequence lasts approx. 1 min. On the digital display H is indicated : .

3. @@@@If you find such deposits: Fill detergent dispenser with detergent. @@@@The manufacturer is not liable for any consequential damage. @@@@These foreign objects may occasionally block the filters. @@@1. After each washing cycle check the filters for residue.



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2. Unscrew filter cylinder as illustrated and take out filter system. Spray arms Limescale and contaminants in the rinsing water may block nozzles and bearings on the spray arms 1: and 1B. 1.

Check outlet nozzles on the spray arms for blockages. 2. Unscrew the upper spray arms 1: (1/4 revolution). 3. Remove the lower spray arm 1B upwards.

3. Remove any residue and clean filters under running water. 4. Re-install filter system in reverse sequence and ensure that the arrow marks are opposite each other after closing the filter system. 4.

Clean spray arms under running water. 5. Re-engage or screw on spray arms. 26 Fault, what to do? en Fault, what to do? ,tF l u a w t h o t d ? o Experience has shown that you can rectify most faults which occur in daily operation yourself. This ensures that the machine is quickly available to you again. In the following overview you can find possible causes of malfunctions and helpful information for rectifying them. Note If the appliance stops during dishwashing or does not start for no obvious reason, first run the Abort programme function (Reset). (See chapter entitled "Operating the appliance") 3.

Remove the filters 1R. 4.

Scoop out water, use a sponge if required. 5. Prise out the white pump cover (as illustrated) using a spoon. Grip the cover on the crosspiece and lift diagonally inwards. Remove cover completely. m Warning – Don't forget: Repairs may be carried out by technicians only. If a component has to be replaced, ensure that only original spare parts are used. Improper repairs or use of non-original spare parts may cause considerable damage and put the user at considerable risk. Waste water pump Large food remnants or foreign objects which were not captured by the filters may block the waste water pump. The rinsing water will then be above the filter.

6. Check impeller wheel and remove any foreign objects. 7. Place cover in the original position and press down until it engages (click). m Warning – Risk of cuts! When cleaning the waste water pump, ensure that you do not injure yourself on pieces of broken glass or pointed implements. In this case: 1. First always disconnect the appliance from the power supply. 2. Take out top basket 1" and bottom basket 1b. 8.

Install filters. 9. Re-insert baskets. 27 en Fault, what to do? Fault table Fault "Check water supply" display )" lights up. Cause Supply hose kinked. Tap turned off. Tap jammed or calcified. Remedial action Install supply hose without kinks. Turn on the tap. Turn on the tap.

Flow rate must be min. 10 l/min. when water supply is open. Filter in the water supply blocked. Switch off the appliance and pull out the mains plug. Turn off the tap. Unscrew water connection. Error code : Error code : is lit. is lit. Error code : Error code : is lit. is lit. Error code : is lit. Error code : is lit. Clean filter in the supply hose. Screw water connection on again. Check for leaks. Reconnect power supply. Switch on the appliance. Intake opening (on right inside of Arrange utensils so that the intake opening appliance) covered by utensils. is not obstructed.

Heating element calcified or Clean appliance with dishwasher cleaning soiled. agent or descaler. Operate the dishwasher with water softening system and check the setting (see chapter "Water softening system/Special salt"). Filters 1R are soiled or Clean filters. blocked. (See Cleaning and maintenance) Waste water hose Install hose without kinks, remove any is blocked or kinked. residue. Siphon connection still sealed. Check connection to siphon and open if required. Cover on the waste water pump Lock cover correctly.

loose. (See Waste water pump) Waste water pump blocked Clean pump and lock cover correctly. (See or cover on the waste water Waste water pump) pump is not locked in position. Mains voltage too low. Not an appliance fault, have the mains voltage and electrical installation checked. 28 Fault, what to do? Fault A different error code is indicated on the digital display. ( : to : ) Cause A technical fault has probably occurred. en Display flashes Door not closed properly. Refill indicator for salt h No rinse aid. and/or rinse-aid `is lit.

No salt. Sensor does not detect salt tablets. Refill indicator for salt h Refill indicator switched off. and/or rinse-aid `is not lit. There is still enough special salt/ rinse aid available.

Water is left Filter system or area under in the appliance at the end the filters 1R is blocked. of the programme. The programme has not yet ended. Remedial action Switch off appliances with the ON/OFF switch ( . After a short time restart the appliance. If the problem recurs, turn off the tap and pull out the mains plug. Call customer service and mention the error code. Close the door. @@Refill rinse aid. Refill with special salt. Use different special salt. @@Check refill indicator, levels. Clean filters and area underneath (see Waste water pump). @@Cause No or too little rinse aid in the dispenser. Programme selected without drying.

Water collecting in depressions on the utensils and cutlery. Remedial action Refill rinse aid. @@@@Use of rinse aid also increases the drying performance. @@@@utensils. The eco rinse aid used has a poor Use a proprietary rinse aid. Eco products are drying performance. much less effective. Plastic utensils not dry. Special properties of plastic. @@Cutlery not dry.

@@@points. @@possible. Appliance interior wet after No appliance fault. On account of the "Condensation drying" rinse cycle. @@The humidity in the air condenses on the inner walls of the dishwasher, drains and is pumped out.

The combined detergent used has a poor drying performance. 30 Fault, what to do? Fault Food remnants on the utensils. Cause Utensils placed too closely together, utensils basket overfilled. Spray arm rotation obstructed. Spray arm nozzles blocked.

Filters 1R dirty. Filters 1R inserted incorrectly and/or not engaged. Rinse programme too weak. Utensils precleaned too intensely; sensors therefore decide on weak programme sequence. Stubborn soiling cannot be completely removed. Tall narrow receptacles in corner areas are not rinsed adequately. en Remedial action Arrange utensils with adequate clearance between them ensuring that the spray jets can reach the surface of the utensils. Prevent contact points. Arrange utensils so that the spray arm can rotate without obstruction. Clean the spray arm nozzles, (See Cleaning and maintenance).

Clean filters, (see Cleaning and maintenance). Insert and engage filters correctly. Select a more intensive rinse programme. Do not prerinse utensils. Remove only large food remnants. Recommended programme Eco 50° or Intensive. Detergent residue Do not place hollow receptacles too obliquely and do not place in the corner area. Top basket 1" on right and left Set top basket to same height using side not set to same height. levers. Detergent dispenser cover Detergent dispenser cover must not be blocked by utensils and therefore obstructed by utensils. does not open fully. Do not place utensils or fragrance dispenser in the tablet collecting tray.



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Detergent dispenser cover Tablet must be inserted flat and not upright. blocked by the tablet. Tablets used in the quick or short Dissolving time of tablets too long for programme.

a quick or short programme. Dissolving time of the detergent Use a detergent powder or select a more is not reached in the selected intensive programme. short programme. Change detergent. Washing effect and dissolving performance are reduced after a prolonged storage time or detergent is very lumpy.

31 en Fault, what to do? Cause Droplet formation on plastic surface is physically unavoidable. After drying, water stains are visible. Fault Water stains on plastic parts Remedial action Use a more intensive programme (more water changes). Arrange utensils in a sloping position. Use rinse aid. If required, increase softening setting. Washable or water-soluble Detergent substances are Change detergent brand. coatings in the container or deposited. These coatings cannot Clean appliance mechanically. on the door.

usually be removed with chemicals (appliance cleaner, ...). Increase softening setting and change If there is a "white coating" on the container floor, the water detergent if required. softening system has been set marginally. Salt dispenser cover 1J not Close salt dispenser cover correctly. closed. Only for glasses: Initial glass See Glass and utensil damage. corrosion – can only apparently be wiped off.

White, stubborn coatings; Detergent substances are Change detergent brand. limescale on the utensils, deposited. These coatings cannot Clean appliance mechanically. container or door. usually be removed with chemicals (appliance cleaner, .

..). Hardness range incorrectly set or Set water softening system according water hardness greater than to instructions for use or top up salt. 8.

9 mmol/l. Set water softening system according 3 in 1 detergent or bio/eco detergent not effective enough. to instructions for use or use separate detergents (proprietary detergent, salt, rinse aid). Underdosing of detergent. Increase detergent dosage or change detergent. Too weak rinse programme Select a more intensive rinse programme. selected. Tea or lipstick residue on Too low rinsing temperature. Select programme with higher washing the utensils. temperature.

Too little or unsuitable detergent. Use suitable detergent at correct dosage. Utensils precleaned too intensely; Do not prerinse utensils. Remove only large sensors therefore decide on food remnants. weak programme sequence. Recommended programme Eco 50° Stubborn soiling cannot be completely removed.

32 Fault, what to do? Fault Coloured (blue, yellow, brown), difficult to remove to non-removable coatings in the appliance or on stainless steel utensils.

Cause Film formation consisting of ingredients from vegetables (e.g. cabbage, celery, potatoes, noodles, .

..) or the tap water (e.g. manganese).

Film formation caused by metallic components on silver or aluminium utensils. Film formation consisting of ingredients from food remnants and substances from the tap water (limescale), "soapy" en Remedial action Can be partly removed with machine cleaner or by mechanical cleaning. Coatings are harmless.

Can be partly removed with machine cleaner or by mechanical cleaning. Coloured (yellow, orange, brown), easily removable deposits inside the appliance (mainly in the floor area) Plastic parts discoloured.

Removable streaks on glasses, glasses with metallic appearance and cutlery. Initial or existing, irreversible clouding of glass. Check function of the water softening system (refill with salt) or, if using combined detergents (tablets), activate water softening system (see chapter Water softening system/Special salt)

Too low rinsing temperature. Select programme with higher washing temperature. Utensils precleaned too intensely; Do not prerinse utensils. Remove only large sensors therefore decide on food remnants. weak programme sequence. Recommended programme Eco 50° Stubborn soiling cannot be completely removed. Too much rinse aid. Set rinse aid amount to lower setting.

No rinse aid added or setting too Add rinse aid and check dosage low. (recommended setting 4-5). Detergent residue in the final Detergent dispenser cover must not be rinse programme section. obstructed by utensils. Detergent dispenser cover Do not place utensils or fragrance dispenser blocked by utensils

(cover does in the tablet collecting tray. not open fully). Utensils precleaned too intensely; Do not prerinse utensils. Remove only large sensors therefore decide on food remnants. weak programme sequence. Recommended programme Eco 50° Stubborn soiling cannot be completely removed.

Glasses not dishwasher-proof. Use dishwasher-proof glasses. only suitable for dishwasher. Avoid long steam phase (standing time after wash cycle ends). Use wash cycle at lower temperature. Set water softening system according to the water hardness (if required one setting lower).

Use detergent with glass protection component. 33 en Fault, what to do? Cause Cutlery not adequately rustresistant. Knife blades are frequently more severely affected. Cutlery will also rust if rusting parts are rinsed at the same time (pan handles, damaged utensil baskets, etc.).

Salt content in the rinsing water too high, as salt dispenser lock not fastened firmly or salt was spilled while being refilled. The mains fuse has tripped. Power cord not inserted. Remedial action Use corrosion-resistant cutlery. Fault Rust spots on the cutlery. Do not wash rusting parts. Fasten salt dispenser lock firmly or remove spilled salt. The appliance does not start. Programme starts automatically. Appliance cannot be set (hardness, final rinse, .

..). The door is difficult to open. Door cannot be closed. Cover on the detergent dispenser cannot be closed. Detergent residue in the detergent dispenser or in the tablet collecting tray. Check mains fuse. Ensure that the power cord is plugged all the way into the back of the appliance and into the socket. Check that the socket functions.

The appliance door has not been Close the door. shut properly. You did not wait until programme Perform reset. ended. (See Terminating the programme). Appliance is in the programme. Perform reset (see Terminating Appliance can be set at the start the programme) and set the appliance of the programme

only. according to the instructions for use. Child-proof lock is activated. Deactivate childproof lock.

(See instructions for use at the back) Door lock has been activated. Close door with increased force. Door cannot be closed due to Check appliance installation: Door or installation. attached parts must close without obstruction. Detergent dispenser or cover Remove detergent residue. guide blocked by sticky detergent residue. Spray arms blocked by utensils, Ensure that the spray arms can rotate freely. therefore detergent is not rinsed out. The detergent dispenser was Pour detergent into the dry detergent damp when filled. dispenser only.

34 Fault, what to do? Fault Appliance stops in the programme or programme is interrupted. Cause Door not closed properly.



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Do not place utensils or fragrance dispenser in the tablet collecting tray. Top basket presses against inner door and prevents door from being closed securely. Power and/or water supply interrupted. Depends on domestic installation, as appliance is not defective. No effect on appliance function. Spray arm strikes the utensils, utensils not positioned correctly. If there is a low load, the water jets strike the washing tank directly. Light utensils move during the wash cycle.

Handwash liquid in the rinse aid dispenser. Rinse aid spilled. Remedial action Close the door. Check whether rear panel is being pressed in, e.g. by socket or by hose holder which has not been removed. Restore power and/or water supply. No remedial action possible. Filling valves making striking noises. Knocking or rattling noise.

Position utensils so that the spray arms do not strike the utensils. Load the appliance with more utensils or distribute the utensils more evenly in the dishwasher. Arrange light utensils securely. Immediately refill rinse aid dispenser with rinse aid. Remove rinse aid with a cloth. Unusual foam formation. 35 en Customer service Customer service m ou C ts r e evs cr ie If you are unable to rectify the fault, please contact your customer service. We always find a suitable solution, even to avoid unnecessary visits by technicians. Contact information for your nearest customer service can be found on the back of these instructions for use or on the enclosed customer service list. When calling, please state the appliance number (ENr.

= 1) and the production number (FD = 2) which can be found on the rating plate 92 on the appliance door. Installation and connection na as otlltn i I d n a nc oto in e c The dishwasher must be connected correctly, otherwise it will not function properly. The specifications for the inlet and outlet as well as the electrical connected loads must correspond with the required criteria as specified in the following paragraphs or in the installation instructions. Install the appliance in the correct sequence: 1. Checking appliance on delivery 2. Installing the appliance 3. Waste water connection 4. Drinking water connection 5.

Electrical connection Rely on the competence of the manufa cturer. Contact us.

You can therefore be sure that the repair is carried out by trained service technicians who carry original spare parts for your domestic appliances. Product package If you have any complaints, contact the dealer where you purchased the appliance or our customer service. @@Level the appliance with the aid of the height-adjustable feet. Ensure that the appliance is situated securely on the floor. @@@@This may cause small water stains.

These will disappear after the first wash cycle. Technical specifications Weight: max. 45 kg Voltage: 220–240 V, 50 Hz or 60 Hz Connected load: 2.0–2.4 kW Fuse: 10/16 A (UK 13A) Power input: switched off 0.

1 W not switched off 0.1 W Water pressure: at least 0.05 MPa (0.5 bar), maximum 1 MPa (10 bar). At a higher water pressure: connect pressure-reducing valve ahead. Inlet rate: minimum 10 litres/minute Water temperature: Preferably cold water; if hot water, depending on type of water inlet hose, max. temp. 60 °C (see Drinking water connection). Capacity: 9–10 place settings (depending on model). Waste-water connection 1.

The required work sequence can be found in the installation instructions. If required, fit a siphon with an drainage connection. 2. @@@@2. When replacing the appliance, always use a new water supply hose. Water pressure: At least 0.05 MPa (0.5 bar), maximum 1 MPa (10 bar). At a higher water pressure: connect pressure-reducing valve ahead. Inlet rate: Minimum 10 litres/minute Water temperature: Note printing on the water inlet hose! If models are marked with 25°, the water temperature may be max.

25 °C (cold water). Warm water connection Warmwatercon ection For all other models: Cold water preferred; hot water max. temperature 60 °C. \* depending on model The dishwasher can be connected to cold or hot water up to max. 60 °C.

Connection to hot water is recommended if the hot water can be supplied by energetically favourable means and from a suitable installation, e. g. solar heating system with circulation line. This will save energy and time. The hot water setting : allows you to adjust your appliance optimally to operation with hot water.

It is recommended to have a water temperature (temperature of the incoming water) of at least 40 °C and no more than 60 °C. It is not recommended to connect the appliance to hot water if the water is supplied from an electric boiler. Setting hot water: 1. Close the door. 2. Switch on ON/OFF switch (. 3. Press and hold down the START button @. 4. @@5.

Release button. The factory-set value : is lit on the digital display H. To change the setting: 1. By rotating the programme selector 8, you can switch the hot water setting off : or on : . 2. Press START button @. The set value is saved. 38 Installation and connection en Electrical connection Connect the appliance to an alternating current only, ranging from 220 V to 240 V and 50 Hz or 60 Hz via a correctly installed socket with protective earth conductor. See rating plate for required fusing 92. The socket must be near the appliance and freely accessible following installation.

If the plug is not freely accessible, an allpole disconnecter with a contact opening of at least 3 mm must be fitted on the installation side to satisfy the relevant safety instructions. The connection may be modified by technicians only. A power cord extension may be purchased from customer service only. Use only a residual current operated circuit-breaker which features the symbol „. Only this extension guarantees compliance with the currently valid regulations.

The appliance features a water damage protection system. Please note the system will not function unless the power supply is connected. Removing the appliance Also observe the sequence of worksteps here. 1. Disconnect the appliance from the power supply.

2. Turn off the water supply. 3. Undo the waste water and drinking water connection. 4. Loosen fastening screws for the furniture parts. 5. If fitted, remove the base panel. 6. Pull out the appliance, carefully pulling the hose behind.

39 en Installation and connection Transportation Empty the dishwasher and secure loose parts. Drain the appliance according to the following steps: 1. Turn on the tap. 2. Close the door. 3. Switch on ON/OFF switch (. 4. Select programme with the highest temperature. The expected programme duration is indicated on the numerical display H.

5. Press START button @. Programme sequence starts. 6. After approx.

4 minutes press the START button @ until : is indicated on the digital display. After approx. 1 min is indicated on the digital display : . 7. Switch off ON/OFF switch (. 8. Turn off the tap, disconnect supply hose and drain water. Transport appliance upright only. (This prevents residual water from running into the machine control and damaging the programme sequence.



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) Protection against frost Protection against frost (Emptying the appliance) If the appliance is in a room where there is a risk of frost (e.g. holiday home), empty the appliance completely (see Transportation). 40 \*9000868044\* 9000868044 en (9401) 440EG .



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