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You can read the recommendations in the user guide, the technical guide or the installation guide for MIELE G 7859. You'll find the answers to all your questions on the MIELE G 7859 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 7859
User guide MIELE G 7859
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Instructions for use MIELE G 7859
Instruction manual MIELE G 7859

Miele
PROFESSIONAL

Operating instructions
Commercial Dishwasher
G 7859

It is **essential** to read these operating instructions before installing, commissioning or using the machine, to avoid the risk of accident or damage

AUS NZ CDN

M.-Nr. 05 339 030



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..... @@@@ Inappropriate use can however lead to personal injury and damage to property.

Read the operating instructions carefully before starting to use this machine. This way you will avoid the risk of accidents and damage to the machine. Keep these instructions in a safe place, and make them available to future users. Appropriate usage This machine is designed for commercial use and for specialised applications only, as described in these Operating Instructions. Using it for purposes other than those for which it was designed would be unauthorised and could cause harm.

The manufacturer cannot be held responsible for damage caused by improper use. This equipment is not designed for maritime use or for use in mobile installations such as caravans, aircraft etc. However it may be suitable for such usage subject to a risk assessment of the installation being carried out by a suitably qualified engineer. The following notes are to help avoid personal injury The machine should be commissioned and then maintained only by a Miele authorised and trained service technician or other suitably qualified and competent persons. Do not install the machine in an area where there is a danger of explosion or of freezing conditions.

The electrical safety of this machine can only be guaranteed when continuity is complete between the machine and an effective earthing system on site. It is imperative that this basic safety requirement is tested and, where there is any doubt, the electrical system checked out by a qualified electrician. The manufacturer cannot be held responsible for damage or injury caused by missing or defective earthing, such as electric shock. A damaged machine is dangerous. Switch off at the mains immediately and call the Miele Service Department or an authorised and trained Miele Service Dealer or other suitably qualified and competent person. Repair work may only be carried out by an authorised Miele service technician or other suitably qualified and competent person. Repairs by unqualified persons could be dangerous. Personnel operating the machine should be trained regularly. Children and untrained personnel should not be allowed access to the machine or its controls. Do not allow children to play in or around the dishwasher, or to operate it.

There is a danger they could get into the machine and lock themselves in. Warning and safety instructions Take care when handling liquid agents/additives. These may contain irritant or corrosive ingredients. On no account use any organic solvent, as there may be the danger of an explosion occurring. Follow the instructions and relevant safety procedures carefully. Wear protective gloves and goggles. With all chemical agents the manufacturer's safety instructions must be observed. Avoid inhalation of powder detergents. They can cause burning in the mouth and throat if swallowed, or inhibit breathing. The water in the machine must not be used as drinking water.

Do not sit or lean on the open door. This could cause the machine to tip and be damaged. Be careful when sorting sharp pointed items. You may prefer to place cutlery with sharp points with the handles upwards to avoid possible injury. When using this machine in the higher temperature ranges be especially careful not to scald or burn yourself.

Baskets and inserts must first cool down. Any water which may remain in containers will be very hot and must be emptied into the wash cabinet. Do not touch the heating elements during or directly after the end of a programme, you could burn yourself. They remain hot for a while after the end of a programme.

Never clean the machine or close vicinity with a water hose or a high pressure hose.

Before any maintenance or repair work is undertaken, the machine must be disconnected from the mains supply by switching off at the mains isolator or switching off the mains fuse. The following notes should help to avoid material damage. Only use detergents formulated for special processes and approved by Miele for use with this machine. Use of unsuitable detergents could adversely affect the components of the machine as well as items being cleaned. For pre-treatment and / or cleaning only use low-foaming detergents and disinfecting agents which have been approved by Miele. Foam can have an adverse effect on the disinfection and cleaning process. 7 Warning and safety instructions Where a chemical additive is recommended on technical grounds (e.g. with a cleaning agent), this does not imply that the manufacturer of the machine takes responsibility for the compatibility with the items being cleaned. Please be aware that changes in formulation, storage conditions etc.

, which may not be publicised by the chemical producer, can have a negative effect on the cleaning result. When using cleaning agents and specialised products, it is essential that the manufacturer's instructions are followed.



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Tall, narrow, hollow pieces should be placed in the centre of the basket to ensure good coverage of water. Small pieces should be placed on the cup racks in the upper basket. Do not obscure them by larger items below. Cups should be on the lower rack and bowls on the top rack so that water reaches all pieces. The water duct for the spray arm in the middle of the upper basket must not be covered. The spray arms must not be blocked by items which are too tall or which hang down in their path. If necessary, manually rotate the arms to test. Use the upper basket for: small, lightweight, delicate items such as cups, saucers, glasses, dessert bowls etc.

as well as for lightweight thermally stable plastic items. Use the bottom basket for: larger and heavier items such as plates, serving platters, saucepans, bowls etc. Glasses may only be cleaned in the bottom basket if it is fitted with a special glassware insert or if there is a special bottom basket. Cutlery Unsorted cutlery should be placed in the cutlery holders with the handles facing downwards. Select baskets and inserts which are appropriate for the application. See examples on the following pages 18 Loading the machine Loading examples: Individual upper and lower baskets O 881 upper basket for 20 cups, 24 saucers or 12 dessert plates. O 889 upper basket, open front for various inserts, e.g. containers for cutlery and glasses. U 880 lower basket with 2 x E 216 half inserts each for 15 plates Ø 240 mm and 2 x E 165 cutlery baskets for various items of cutlery.

U 880 lower basket with E 884 insert 1/1 for 20 large plates or 10 trays. 19 Loading the machine Glassware set GG/F-GL O 882 upper basket for 27 glasses Ø 65 mm. U 880 lower basket with 2 x E 205 half inserts each for 14 glasses Ø 65 mm. 20 Loading the machine Adjusting the upper basket The upper basket can be adjusted above and below the middle position by 2.5 cm. It is set in the middle position on delivery. Depending on the position of the upper basket plates of the following diameter can be accommodated in the baskets: Example: Upper basket O 881 Upper basket position top middle bottom Upper basket plate Ø cm max. 16.5 max. 19 max.

21.5 Bottom basket plate Ø cm 24 *) 24 *) 24 *) Items not suitable for dishwashers Cutlery with wooden or horn handles. Wooden or laminated cutting boards. Glued items, e.g. old knives with handles which have been glued on. Hand-made craft items. Copper or tin items. Plastic items which are not heat resistant. Please note Silver and aluminium items can suffer some discolouration.

Colours painted over a glaze may fade after a number of washes. Clouding may occur on glasses after frequent washing. Our recommendations Wash delicate glassware by hand. When purchasing new glasses, dishes and cutlery make sure they are dishwasher-proof. *) in insert E 216.

For plates up to Ø 30 cm use insert E 888. To adjust the upper basket: Pull the upper basket out until a resistance is felt, lift from the runners and remove. Unscrew the knurled nuts (roller bearings) on both sides of the basket with a spanner and reposition as required. 21 Adding rinse aid Adding rinse aid Rinse aid is necessary to ensure that water does not cling and leave marks on utensils during the drying phase. Rinse aid is poured into the storage reservoir and the amount set is dispensed automatically in the final rinse.

The rinse aid reservoir holds approx. 125 ml. Inadvertently filling the rinse aid reservoir with powder detergent (or liquid detergent) always causes serious damage to the reservoir. Only use rinse aid formulated for this machine. If the indicator light H "Add rinse aid" on the control panel comes on, the rinse aid reservoir must be refilled. Open the door fully. Adding rinse aid Press the button in the direction of the arrow until the flap springs open. 22 Adding rinse aid Add rinse aid only until the surface is visible in the opening. Close the flap firmly. The flap must audibly engage, otherwise water could get into the rinse aid reservoir during the programme.

Mop up any spilt rinse aid. This prevents over-foaming occurring during the next programme. The flap should always remain closed. Only open it to add more rinse aid. Wait until the rinse aid indicator light H on the control panel lights up again before adding any more rinse aid. 23 Adding rinse aid Setting the dosage The dosage adjuster (see arrow) in the opening has settings adjustable from 1 to 6 (1-6 ml). It is set to "3" (3 ml) at the factory as the recommended dose. If there are flecks on utensils after drying use a higher setting. If clouding or smearing occurs on utensils after drying use a lower setting. 24 Adding cleaning agent Adding cleaning agent Only use cleaning agents formulated for specialist machines.

Do not use detergents formulated for domestic dishwashers. Powder cleaning agent is dispensed via the dispenser for powder cleaning agents in the door or liquid cleaning agent via the DOS module (available as an optional extra - see "Note" on the next page). If liquid cleaning agent is not being used then, powder cleaning agent must be placed in the detergent container prior to every programme (except D "PRE-RINSE") (see also the note in the "Programme chart"). Add powder cleaning agent to compartment II. Dosage: approx.

3 g/l, corresponding to approx. 20 g per cleaning stage. During the "Cleaning (main wash)" stage approx. 7 litres of water are used. Follow manufacturer's instructions if they differ.

Close the dispenser lid. Under certain circumstances, i.e. special soiling, different combinations of cleaning agents and other additives may be necessary. The Miele Professional Department (Applications Technology) will be pleased to advise you. Press the opening catch on the container flap (see arrow) forwards. The flap will spring open. (The flap is always open at the end of a programme). 25 Adding cleaning agent Note As a chargeable optional extra this machine can also be fitted with a "dispenser pump for liquid cleaning agent" (DOS module G 60). This is connected externally.

See "Programming special functions" for information on venting the dispensing system and setting the dosage. See separate instructions for "Installation and connection of the optional DOS module" Dispensing system maintenance To ensure safe functioning, maintenance work should be carried out at specified intervals. The work should only be carried out by a Miele authorised and trained service technician or other suitably qualified and competent person. Every 1 - 1 1/2 years Exchange the hoses in the dispensing systems / DOS modules. Take great care when handling liquid agents. They may contain acids or caustic substances. Please follow the safety instructions. Wear protective goggles and gloves if necessary. 26 G 7859 G 7859 Warning and Safety instructions Warning and Safety instructions To the person responsible for this machine: Make this pull-out with the Warning and Safety instructions available to any operators of the machine.



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Place it near the machine, where it can be seen and not removed.

Ensure that operators know and understand these Warning and Safety instructions, and observe them in use. This machine conforms to current safety requirements. Inappropriate use can however lead to personal injury and damage to property. Read the operating instructions carefully before starting to use this machine. This way you will avoid the risk of accidents and damage to the machine.

Keep these instructions in a safe place, and make them available to future users. Appropriate usage This machine is designed for commercial use and for specialised applications only, as described in these Operating Instructions. Using it for purposes other than those for which it was designed would be unauthorised and could cause harm. The manufacturer cannot be held responsible for damage caused by improper use. This equipment is not designed for maritime use or for use in mobile installations such as caravans, aircraft etc.

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Personnel operating the machine should be trained regularly. Children and untrained personnel should not be allowed access to the machine or its controls. Do not allow children to play in or around the dishwasher, or to operate it. There is a danger they could get into the machine and lock themselves in. Take care when handling liquid agents/additives. These may contain irritant or corrosive ingredients. On no account use any organic solvent, as there may be the danger of an explosion occurring. Follow the instructions and relevant safety procedures carefully. Wear protective gloves and goggles. With all chemical agents the manufacturer's safety instructions must be observed.

Avoid inhalation of powder detergents. They can cause burning in the mouth and throat if swallowed, or inhibit breathing. The water in the machine must not be used as drinking water. Do not sit or lean on the open door. This could cause the machine to tip and be damaged.

Be careful when sorting sharp pointed items. You may prefer to place cutlery with sharp points with the handles upwards to avoid possible injury. When using this machine in the higher temperature ranges be especially careful not to scald or burn yourself. Baskets and inserts must first cool down. Any water which may remain in containers will be very hot and must be emptied into the wash cabinet.

Do not touch the heating elements during or directly after the end of a programme, you could burn yourself. They remain hot for a while after the end of a programme. Never clean the machine or close vicinity with a water hose or a high pressure hose. Before any maintenance or repair work is undertaken, the machine must be disconnected from the mains supply by switching off at the mains isolator or switching off the mains fuse. 2 Warning and Safety instructions

The following notes should help to avoid material damage. Only use detergents formulated for special processes and approved by Miele for use with this machine. Use of unsuitable detergents could adversely affect the components of the machine as well as items being cleaned. For pre-treatment and / or cleaning only use low-foaming detergents and disinfecting agents which have been approved by Miele. Foam can have an adverse effect on the disinfection and cleaning process. Where a chemical additive is recommended on technical grounds (e.

g. with a cleaning agent), this does not imply that the manufacturer of the machine takes responsibility for the compatibility with the items being cleaned. Please be aware that changes in formulation, storage conditions etc., which may not be publicised by the chemical producer, can have a negative effect on the cleaning result. When using cleaning agents and specialised products, it is essential that the manufacturer's instructions are followed. Only use the product for the application described by the manufacturer, to avoid any material damage or the occurrence of strong chemical reactions. The machine is designed only for operation with water and cleaning agents. Organic solvents must not be used in the machine, as there is the danger under certain circumstances of explosion. (Although this is not the case with all organic solvents, other problems could arise with their use, for example damage to rubber and synthetic materials). @@are discussed with the Miele Application Technology specialists.

@@@@@@@@@Similarly avoid any materials with a corrosive effect. @@@@@@@@@@ Consult Miele on the type and application of such equipment. @@@@@@ (Observe safety regulations and wear safety goggles and gloves). @@Make appropriate arrangements for the safe disposal of the machine. @@@@@@@@@@The soiling is removed in an intensive cold water pre-rinse.

For draining away cleaning water, e.g. when a programme has been interrupted. @@Preliminary pre-wash 2. Pre-wash 3.

Main wash 4. Economy Interim rinse 5. Interim rinse I 6. Interim rinse II 2) 7. Final rinse 8. @@To select a second interim rinse II see "Programming special functions". 29 Switching the machine on and off Switching the machine on and off Switching on Close the door. Open the stopcocks (if turned off).

Press the I-0 button. When the programme selector is at the f "STOP" position a point lights up in the display field.

Starting the programme Turn the programme selector clockwise or anti-clockwise to the required programme. The wash temperature of the selected programme is shown in the display field, except with D (COLD) and 6 (DRAIN). Select additional function 3 (DRYING) if required, (see "Selecting an additional function"). Press the 6 "Start" button. The display field will now show the actual temperature.



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The indicator light next to the "Start" button comes on. Once the programme has started, all other programmes are blocked. If the programme selector is then turned to another programme, the values shown in the display field go out. The values can be seen again only if the programme selector is turned back to the position of the programme currently in operation. Press the 4 button to alternate the display between elapsed time and actual temperature.

Note that during the heat-up stage in "Main wash" and "Final rinse" the desired temperature is shown in the elapsed time display field. 30 Switching the machine on and off Changing a programme Provided the "Start" button has not yet been pressed, a wrongly selected programme may be changed as described below, (if it has been pressed see "Cancelling a programme"): Turn the programme selector to the required function. Select additional function 3 (DRYING) again if required (see "Selecting an additional function"). Press the "Start" 6 button. Selecting an additional function The following additional function can be selected: 3 DRYING "Drying" may be selected as an additional function as soon as a programme has been selected (except with D "COLD RINSE" and 6 "DRAIN").

The drying phase operates with pulsed heating for 10 minutes. The total running time of the programme is lengthened accordingly. Programme sequence indicator The indicator light for the active programme stage lights up during the programme. k l l Reactivation Pre-rinse Main wash Programme end The programme has ended when no more programme sequence indicators are lit up and the "Start" indicator light 6 has gone out. An "0" is shown in the middle of the display field.

Use the 4 button to see how long a programme has to run or to see the actual temperature. Switching off Press in and release the I-0 button. Note: As the machine is fitted with an electric door lock, the door can only be opened if the I-0 button is pressed in (see "Opening and closing the door"). m / H Interim rinse / Final rinse c Drying (additional function) 31 Switching the machine on and off Cancelling a programme Once a programme is running it should only be cancelled in extreme cases, e.g. when articles in the machine rattle or bump against each other and have to be rearranged. Turn the programme selector to the f position (the programme is cancelled after approx. 2 secs.). Open the door a.

Take care! Water and items in the machine may be hot, there is a danger of scalding or burning. Replace the articles securely and correctly. (Wear protective gloves where necessary, and observe appropriate health and safety regulations relating to infectious diseases). Replenish (powder) detergent if necessary.

Close the door. Select programme 6 (DRAIN), (wash water is pumped away). Select the cleaning programme again and start it as previously described. 32 Programming special functions Programming special functions In the event of a service call at a later date, any changes made to the factory setting should be documented here. Make a note of any changes made in the "Value set: " box. 1.

Setting the cold water inlet from: "Nominal water intake" to "Nominal water intake + 1 l". The amount of water taken into the machine at each intake can be increased by 1 litre to a maximum of 9.5 litres. Proceed as follows: Turn the programme selector to the f "STOP" position. Switch off the machine. Press 4 and 6 at the same time, hold them in and whilst doing so switch the machine on with the I-0 button. The current programme status "P..." appears in the display.

The p / 6 indicator light comes on. Press 3 once, "E01" (programming level 1) appears in the display. Turn the programme selector to the p position, "10" or "11" appears in the display. "10" = Nominal water intake "11" = Nominal water intake + 1 l Press 4 to change from "10" to "11" or vice versa. Press 6. "SP" appears in the display. Press 6 again. The change has been recorded. Value set: 33 2. Selecting a second interim rinse A second interim rinse can be programmed in to improve interim rinsing in all programmes (except D COLD).

Turn the programme selector to the f "STOP" position. Switch off the machine. Press 4 and 6 at the same time, hold them in and whilst doing so switch the machine on with the I-0 button. The current programme status "P..." appears in the display. The p / 6 indicator light comes on. Press 3 once, "E01" (programming level 1) appears in the display. Turn the programme selector to r, "30" or "31" appears in the display.

"30" = One interim rinse. "31" = Two interim rinses. Press 4 to change from "30" to "31" or vice versa. Press 6. "SP" appears in the display. Press 6 again. The change has been recorded. Value set: Programming special functions 3. Delay start and setting the delay start time The start of a wash programme can be delayed by up to 9 hours and 30 minutes in 30 minute stages. Note: Delay start should only be selected with the Universal and Intensive programmes.

Items in the machine stand for a longer period before being cleaned and residues can dry on if the start time is delayed. Delaying the start time in shorter programmes can impair cleaning results. a) To activate delay start Turn the programme selector to the f "STOP" position. Switch off the machine. Press 4 and 6 at the same time, hold them in and whilst doing so switch the machine on with the I-0 button. The current programme status "P..." appears in the display. The p / 6 indicator light comes on.

Press 3 once, "E01" (programming level 1) appears in the display. Turn the programme selector to the 8 o'clock position. "80" or "81" appears in the display. "80" = Delay start not selected. "81" = Delay start activated. Press 4 to change from "80" to "81" or vice versa. Press 6. "SP" appears in the display. Press 6 again. The change has been recorded.

Value set: b) Setting the delay start period The delay start period (from 30 minutes to 9 hours and 30 minutes) must be set before a programme is started. After selecting a programme (see "Switching on"), press the 4 button or hold it in until the required value is displayed. The "Delay Start" indicator light comes on. After the "Start" button 6 is pressed, the delay start period will count down in the display until the programme automatically starts. 34 Programming special functions 4.

Venting and setting the dosage on "DOS module G 60 or C 60" (special version) Set the dosage selector on the DOS module to the "10" position (on DOS module C 60 only). Turn the programme selector to the f "STOP" position.



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Switch off the machine. Press 4 and 6 at the same time, hold them in and whilst doing so switch the machine on with the I-0 button. The current programme status "P."

.. " appears in the display. The p / 6 indicator light comes on. Press 3 twice, "E02" (programming level 2) appears in the display. Venting the dispensing system: Turn the programme selector to the p position. "do1" appears in the display. Press 4 for 90 seconds. The dispensing system is vented. If only venting is required: Switch the machine off with the I-0 button.

Immediately after this: start the D (COLD) programme, so that after venting any agents in the wash cabinet are diluted before being drained away. Setting the dosage: Set the amount to dispense according to the detergent manufacturer's recommendations. The machine needs 7 litres of water in the "Main wash" programme stage. Example: The detergent manufacturer recommends 4 ml cleaning agent per litre of water. $7 \text{ l} \times 4 \text{ ml/l} = 28 \text{ ml}$. 2 ml . 1 sec. dispensing time; i.e. programming to 14 secs.

Turn the programme selector to the q position, the dispensing time in seconds appears in the display, e.g "10". Press 4 repeatedly or hold it in, until the number "14" appears in the display (dispensing time 14 seconds . 28 ml - see example). The dispensing time/amount is set.

Having changed a value or all values: Press 6. "SP" appears in the display. Press 6 again. The change has been recorded. Value set: If the dispensing system also needs to be vented: Start the D (DRAIN) programme, so that after venting any agents in the wash cabinet are diluted before being drained away.

35 Programming special functions 5. Altering the wash temperature and/or the temperature holding time in the "Main wash" and "Final rinse" programme stages In the event of a service call-out, assist the service technician by making a note of any change to the wash temperature and / or the temperature holding time in the "Programme chart". Factory settings for the main wash temperature and temperature holding times and for the final rinse temperature and its holding time are given in the programme chart. The main wash and final rinse temperatures can be set from 30°C - 70°C and the temperature holding time from 1 to 10 minutes. Turn the programme selector to the f "STOP" position (the programming level is displayed only in this switch position). Switch off the machine. Press 4 and 6 at the same time, hold them in and whilst doing so switch the machine on with the I-0 button. The current programme status "P..."

" appears in the display. The p / 6 indicator light comes on. "Main wash" temperature: Press 3 three times, "E03" (programming level 3) appears in the display. Turn the programme selector to the programme which needs to be changed. The actual value appears in the display after °C. Press 4 or hold it in, until the required value appears in the display. "Main wash" temperature holding time: Turn the programme selector to the f "STOP" position (the programming level is only displayed in this switch position). Press 3 again, "E04" (programming level 4) appears in the display. Then: Turn the programme selector back to the programme which needs to be changed. The actual value appears in the display after min.

Press 4 until the required value appears in the display. "Final rinse" temperature: Turn the programme selector to the f "STOP" position (the programming level is displayed only in this switch position). Press 3 again, "E05" (programming level 5) appears in the display. Then: 36 Programming special functions Turn the programme selector back to the programme which needs to be changed. The actual value appears in the display after °C.

Press 4 or hold it in, until the required value appears in the display. "Final rinse" temperature holding time: Turn the programme selector to the f "STOP" position (the programming level is only displayed in this switch position). Press 3 again, "E06" (programming level 6) appears in the display. Then: Turn the programme selector back to the programme which needs to be changed. The actual value appears in the display after min.

Press 4 until the required value appears in the display. Having changed a value or all values: Press 6. "SP" appears in the display. Press 6 again. The change has been recorded. 6. Re-setting all changes back to the factory setting. Turn the programme selector to the f "STOP" position. Switch off the machine. Press 4 and 6 at the same time, hold them in and whilst doing so switch the machine on with the I-0 button.

The current programme status "P..." appears in the display. The p / 6 indicator light comes on. Press 3 seven times, "E07" (programming level 7) appears in the display. Turn the programme selector to any setting (except "STOP"). "00" or "PP" appears in the display. "00" = factory setting (the electronic unit has not been reprogrammed). "PP" = the electronic unit has been reprogrammed.

If "PP" is displayed, press 4 to change from "PP" to "00". Press 6. "SP" appears in the display. Press 6 again. Values which had been changed are now reset.

Important If the hardness level setting in the water softener had been changed this will reset to the factory setting of 340 mg/l (19 °d). This will need to be reset to suit the hardness level in your area. 37 Cleaning and care Cleaning and care Cleaning the filters in the wash cabinet The machine must not be used without all the filters in place. The filter combination in the base of the wash cabinet should be inspected regularly and cleaned if necessary. Caution: Watch out for glass splinters which could cause injury.

Cleaning the coarse filter To unscrew the micro-fine filter, take hold of the two lugs and turn twice in an anti-clockwise direction, Press the two lugs together, remove and clean the filter. Put the clean filter back in position and press it until it clicks into place. Cleaning the flat and the micro-fine filters Remove the coarse filter. and remove, together with the flat filter. Clean the filters. The filter combination is then replaced in the reverse order in which it was removed.

38 Cleaning and care Cleaning the spray arms Waste particles can lodge in the spray arm jets. The spray arms should be inspected and cleaned regularly (approx. every 6 months). Use a sharp pointed object to push particles into the spray arm jets and rinse well under running water.

Remove the spray arms as follows: Unscrew the upper spray arm. Remove the middle spray arm (on the top basket) by unscrewing the knurled nut. Important: The knurled nut has a left-hand thread, and to unscrew it it must be turned clockwise with the spray arm. Particles in the lower spray arm are easier to rinse out if the cap is first opened.



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Open the cap in the direction of the arrow. After cleaning, close up the cap again. Important: After replacing the spray arms, check that they move freely. Take off the lower spray arm. The lower basket must be removed first. 39 Cleaning and care Cleaning the drain pump and non-return valve If water has not been pumped away at the end of a programme the drain pump or the non-return valve might be blocked.

They are, however, easy to clean. Take the filter combination out of the wash cabinet. The drain pump is situated under the non-return valve (see arrow). Before replacing the non-return valve, check that the drain pump is free of extraneous objects. Carefully replace the non-return valve and secure with the locking clamp.

Release the locking clamp. Lift up the non-return valve and rinse under running water. 40 Cleaning and care Cleaning the filters in the water inlet For the protection of the inlet valve, filters are incorporated in the screw connection of the water inlet hose. The filters must be cleaned when dirty, otherwise insufficient water flows into the wash cabinet. The plastic housing of the water connection contains an electrical component.

It must not be immersed in water. To clean the filters Disconnect the machine from the mains supply (switch off at the main socket and pull out the plug, switch off the appropriate circuit at the fuse box or switch off the mains fuse). Turn off the stopcock and unscrew the water inlet hose. Replace filter and seal.

Make sure they are sitting correctly. Screw back into place on the water inlet, taking care that the connection goes back on straight. Open the stopcock carefully. If there is a leak, screw the connections on more tightly. Cleaning the fascia panel This should only be cleaned with a damp cloth or a suitable cleaner for use on plastic materials, or with a disinfectant tested and recognised as suitable for this use. Do not use an abrasive cleaner, a glass cleaner or an all-purpose cleaner.

Because of their chemical composition they could cause serious damage to plastic surfaces. Cleaning the front of the machine 1 Clean using a suitable proprietary cleaning agent. Do not use any cleaner containing ammonia or thinners. 2 Clean the large area filter (1) and the fine filter (2) or replace if necessary. 41 Correcting minor faults Correcting minor faults With the aid of the following explanatory notes, minor faults can be corrected without contacting the Miele Service Dept. Any work on the electrical components of the machine should only be carried out by a suitably qualified and competent person in accordance with local and national safety regulations. Unauthorised repairs could be dangerous. The wash cycle finishes too early and the p / 6 indicator light flashes (fault code F A appears in the display) the drain hose is kinked the drain pump is blocked Turn the programme selector to the f "STOP" position (the fault code goes out). Correct the fault. Pump away the water and start the programme again (see additional programme "DRAIN" and "Switching on").

Faults / possible causes The machine does not start the door is not properly closed the plug is not properly inserted the fuse has blown A few minutes after switching on, the p / 6 indicator light flashes (fault code F..E appears in the display) the stopcocks are closed the filters in the water inlet hose are dirty water pressure is too low. Turn the programme selector to the f "STOP" position (the fault code goes out). Switch the machine off (press I-0).

Open the stopcocks or clean the filters (see "Cleaning and care"). Switch on the machine again and reselect the programme. 42 Correcting minor faults Water in the wash cabinet is not heated; the programme sequence lasts too long This machine has a resettable thermal cutout which will switch off the heaters in the case of overheating. This could be caused, for example, if large articles cover the heating elements or if the filters in the wash cabinet are blocked. If this switch trips again, the Miele Service Dept.

must be contacted. After Sales Service Should you still have any difficulties or if the fault code "F..." shows in the display field please contact your authorised Service Dealer or the Miele Service Department. See back cover for addresses. Please quote the fault code "F..." as well as the model type and number of your machine.

This information can be found on the data plate inside the door (see also "Electrical connection"). Please note that telephone calls may be monitored and recorded to improve our service. Remove the cause of the fault. Take off the service panel (see "Electrical connection"). Press the reset button on the heater limiter (yellow) located on the left hand side of the plastic cover. 43 Installation Installation Please refer to the installation diagram supplied with the machine. Furniture and fittings installed near the machine must be of a commercial standard able to withstand the effects of steam and condensed water. The machine must be installed correctly and levelled. Any unevenness in the floor level can be compensated for and the height of the machine raised or lowered by adjusting the four screw feet. The machine can be installed in the following ways: Freestanding: Slot-in or at the end of a row: The machine can be installed adjacent to other equipment or furniture or in a recess at least 60 cm wide and 60 cm deep.

Building under: The machine should be positioned under a continuous worktop or sink drainer. The niche must be at least 60 cm wide, 60 cm deep and 82 cm high. If necessary the machine lid can be removed as follows: Remove the fixing screws on the left and right hand sides using a cross slotted screwdriver. Pull the machine lid approx. 5 mm forwards, lift upwards and remove.

Important for machines without a steam condenser: The cabinet vent at the rear of the machine must be connected to an on-site duct system. Important for machines with a steam condenser: To protect the underside of the worktop against water ingress, the protective foil (25 x 58 cm, self-adhesive) should be stuck under the worktop in the area of the steam condenser. Open the door. 44 Installation Position and secure the machine To ensure stability the machine must first be aligned and then screwed to the worktop. Open the door.

Through each of the two holes in the front rim, left and right, screw the machine to the front edge of the continuous worktop. Do not use silicone sealant to seal the gaps between the machine and any neighbouring units as this would hinder ventilation of the circulation pump. Depending on the requirements for building under, the following kit can be ordered from the Miele Spare Parts Department: Coverplate (protects the worktop) The underside of the worktop is protected from water ingress by a stainless-steel plate. Decor frame fitting kit The machine front can be fitted with a decor panel to match kitchen units.



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The decor frame is supplied with its own fitting instructions. 45 Electrical connection Electrical connection All electrical connection work must be carried out by a qualified electrician in compliance with local and national regulations. For extra safety it is advisable to install a residual current device (RCD) with a trip current of 30 mA. Technical data is available on the data plate or in the enclosed wiring diagram. The voltage, rated load and plug rating must correspond to that given on the data plate. Conversion can only be undertaken in compliance with the conversion and wiring diagrams and only on machines without a steam condenser.

A conversion diagram is to be found at the back of the machine and on the back of the service panel. The relevant wiring diagram is to be found on the left-hand side behind the plinth, attached to the base of the machine. The data plate with the relevant test certification is on the rear of the machine and on the plinth (behind the service panel). To remove the service panel and plinth: Disconnect the machine from the mains. Remove fixing screws "a". Take hold of both sides of the service panel and pull forward. Remove plinth fascia screws "b". Disconnect earth lead if necessary. Remove plastic protective cap. To reassemble: Replace plastic protective cap, plinth fascia and service panel in reverse order.

Make sure the earth lead is reconnected. @@@@If it is below 2 bar (200 kPa) the water intake time is automatically extended. Should the water pressure (flow pressure) fall below 0.5 bar (50 kPa) the machine will not function. (The p / 6 -indicator light may come on and the fault code "F2E" show in the display field).

Please consult the Miele Service Department with regard to corrective measures. The machine is supplied as standard for connection to a cold (coded blue) or a hot (coded red) water supply up to a max. temperature of 70°C. The inlet hose should be connected to the stopcocks for the hot or cold water supply. If a hot water supply is not available, the inlet hose (coded red) should also be connected to the cold water supply.

In this case both inlet hoses are connected to the cold water supply. A stopcock with 3/4 inch male thread must be provided on site. It should be easily accessible because the water supply must be turned off when the machine is not in use. The DN 10 inlet hose is approx. 1.7 m long terminating in a 3/4 inch female thread. On no account may the inlet filter be removed. The large surface area filters (supplied with the machine) must be installed between the stopcock and the inlet hose. (For illustration see "Cleaning and Care" and "Water inlet"). The inlet hose must not be shortened or damaged in any way.

See also the installation diagram supplied. 47 Plumbing Drainage The drainage system is fitted with a non-return valve which prevents dirty water from flowing back into the machine. The machine should preferably be connected to a separate drainage system on-site. If no separate drainage system is available, contact the Miele Service Department. The on-site drain connection point should be located between 0.3 m and 1 m above the lower edge of the machine. If the connection is lower than 0.3 m, the hose should loop at a height of at least 0.3 m to ensure correct drainage. The drainage system must have the capacity to take a minimum drainage flow of 16 litres/minute.

The machine is supplied with approx. 1.4 m of flexible drain hose with an internal diameter of 22 mm. Two hose clips are also supplied for connection. The drain hose must not be shortened.

A longer drain hose (up to 4 m long) is available to order from the Miele Spare Parts Dept. The drainage system must not exceed 4 metres. See also the installation diagram supplied. 48 Technical data Technical data Height: Width: Depth: Voltage: Rated load: Fuse rating: Connection cable: Water pressure (flow pressure): Cold or hot water connection: Drainage length: Delivery head: Inlet hose: Drain hose: Noise level: Test marks: Electrically suppressed according to 85 (82) cm 60 cm 60 cm see data plate see data plate see data plate approx. 1.

8 m 0.5 - 10 bar (50 - 1000 kPa) up to max. 70 °C max. 4 m min. 0.3 m , max. 1 m approx. 1.7 m approx. 1.

4 m Freestanding: 65 dB (A) Built under: 61 dB (A) Typetest Mark, C-Tick Mark AS/NZS 1044 49 50 51 Alteration rights reserved / 003 4500 This paper consists of cellulose which has been bleached without the use of chlorine. .



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