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You can read the recommendations in the user guide, the technical guide or the installation guide for WHIRLPOOL AWT 4109/1. You'll find the answers to all your questions on the WHIRLPOOL AWT 4109/1 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual WHIRLPOOL AWT 4109/1
User guide WHIRLPOOL AWT 4109/1
Operating instructions WHIRLPOOL AWT 4109/1
Instructions for use WHIRLPOOL AWT 4109/1
Instruction manual WHIRLPOOL AWT 4109/1

3gk00028.fm5 Page 62 Wednesday, April 4, 2001 7:02 PM

CONTENTS

BEFORE USING THE WASHING MACHINE

FIRST WASH CYCLE

PRECAUTIONS AND GENERAL RECOMMENDATIONS

DESCRIPTION OF THE WASHING MACHINE

PREPARATION OF THE WASHING

DETERGENTS AND ADDITIVES

CLEANING THE FOREIGN BODY TRAP

DRAINING RESIDUAL WATER

CARE AND MAINTENANCE

TROUBLESHOOTING GUIDE

AFTER-SALES SERVICE

TRANSPORT AND HANDLING

INSTALLATION



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Manual abstract:

b. Remove the top protection and the protective corners. c. @@@@The appliance must be earthed by law. The manufacturer declines all liability for damage to persons or property deriving directly or indirectly from failure to observe the directions. • Do not use extension leads or multi sockets. • Before any maintenance on the washing machine disconnect it from the mains supply. • Access to the mains plug or to disconnection from the mains supply via a double-pole switch must be ensured at all times following the installation. • Do not operate the washing machine if it has been damaged during transport. Inform the After-Sales Service.

• Mains cable replacement is only to be carried out by After-Sales Service. • The appliance must be connected to an effective earthing installation, in compliance with the regulations in force. In particular, appliances installed in premises containing a shower or a bath must be protected by a differential residual current device of at least 30 mA. Earthing the appliance is obligatory under the law. The manufacturer declines all liability for damage to persons or property deriving either directly or indirectly from failure to observe the directions above.

• The washing machine may only be used in the household for the prescribed uses. Dimensions: Width: 400 mm Height: 900 mm Depth: 600 mm 2. Remove the transport bracket • The appliance is fitted with transport screws and a transport bracket to prevent damage during transport. Before using the washing machine you must remove the transport bracket (see "Installation/Remove the transport bracket"). Do not forget to screw back 4 screws to the rear panel by which was fixed the transport bracket - to avoid noisy and vibration of the machine.

3. Install the washing machine • Place the appliance on a flat and stable floor surface. • Adjust the feet to ensure that the machine is stable and level (see "Installation/Adjust the feet"). 4. Water supply • Connect the water supply inlet hose in accordance with the regulations of your local water company (see "Installation/Connect the water inlet hose"). • Water supply: Cold water only • Tap: 3/4" threaded hose connection • Pressure: 100-1000 kPa (1-10 bar). "For Great Britain & Ireland only: • Water inlet: hot and cold fill. The warm water inlet temperature must not exceed 60° C." 5. Drain hose • Connect the drain hose to the siphon or hook it over the edge of a sink with the "U" bend (see "Installation/Connect the water drain hose").

• If the washing machine is connected to a builtin drainage system, ensure the latter is equipped with a vent to avoid simultaneous loading and draining of water (siphoning effect). 63 3gb00028.fm5 Page 64 Wednesday, April 4, 2001 7:02 PM FIRST WASH CYCLE We recommend that the first wash cycle be carried out empty. This will remove any residual water used in the factory checks. 1. Turn on the tap. 2. Close the drum flaps. 3. Pour a small amount of detergent (about 30 ml) into the detergent dispenser .

4. Select a short programme and low spin speed (see programme chart). 5. Switch on the appliance. PRECAUTIONS AND GENERAL RECOMMENDATIONS 1.

Packing • The packaging materials are 100% recyclable and bear the recycling symbol . Adhere to local regulations when disposing of packaging material.

3. Disposing of packaging and old appliances • The washing machine is built from reusable materials. The washing machine must be disposed of in compliance with current local waste disposal regulations.

• Before scrapping old machine, cut of the power cable so that the washing machine cannot be connected to the mains. • Remove detergent from compartment if you intend scrapping your appliance. 2. Energy saving tips • Achieve the best use of energy, water, detergent and time by using the recommended maximum load size. • Do not exceed the detergent dosages indicated in the manufacturer's instructions. • The Eco Ball - a special system in the outlet - will prevent detergent loss from the drum to avoid detergent loss into the environment. • Use "Prewash" for heavily soiled laundry only! Save detergent, time, water and energy consumption by not selecting "Prewash" for slight to normally soiled laundry. • Pretreat stains with stain remover or soak dried in stains in water before washing to reduce the necessity of a hot wash program. • Save energy by using a 60° C instead of a 90° C wash programme or a 40° C instead of a 60° C wash programme. • Save energy and time by selecting a high spin speed to reduce the water content in laundry before using a tumble dryer (for machines with adjustable spin speed).

4. Child safety • Children must not be allowed to play with or in the appliance. 5. General recommendations • Do not leave the appliance connected when not in use. Turn off the tap. • Before cleaning or carrying out maintenance switch off the washing machine and disconnect it from the mains supply. • To clean the outside of the washing machine, use a neutral detergent and a damp cloth. • Do not use abrasive detergents. • Do not attempt to force the lid open. • If necessary, the power cable may be replaced with an identical one obtained from our AfterSales Service.

The power cable must only be replaced by a qualified technician. 6. EC Declaration of Conformity • This washing machine has been designed, constructed and distributed in compliance with the safety requirements of EC Directives: 73/23/EEC Low Voltage Directive 89/336/EEC EMC Directive 93/68/EEC CE Marking Directive 64 3gb00028.fm5 Page 65 Wednesday, April 4, 2001 7:02 PM DESCRIPTION OF THE WASHING MACHINE 1. Lid 2.

Detergent dispenser 3. Drum flaps • To open the drum press the small flap and hold the large flap. 4. Pump and foreign body trap 5. After-Sales Service sticker (behind the foreign body trap cover) 6.

Mobility lever (depending on model) • To move the appliance: pull the handle out a little bit by hand and pull it out to the stop with the foot. 7. Adjustable feet 3 1 2 4 5 6 7 PREPARATION OF THE WASHING Sort the laundry 1. Sort the laundry according to... • Type of fabric / care label symbol Cottons, mixed fibres, easy care/synthetics, wool, handwashed items. • Colour Separate whites and coloureds. Wash new coloured items separately. • Size Wash items of different sizes in the same load to improve efficiency and distribution in the drum. • Fabric delicacy Wash delicate articles separately: use a special programme for Pure New Wool , curtains and other delicats. Always remove curtain glides or wash curtains with the glides inside a cotton bag. Use the special program for handwash fabrics.

Wash stockings, belts and other small items or articles with hooks (e.g. bras) in special cotton bags for washing machines or in zipped pillow cases.



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2. Empty pockets Coins, safety pins and similar items can damage your appliance drum and tub. 3. Fasteners Close zips and fasten buttons or hooks; loose belts or ribbons should be tied together. 65 3gb00028.fm5 Page 66 Wednesday, April 4, 2001 7:02 PM Stain removal • Blood, milk, egg and other organic substances are generally removed by the enzyme phase of the programme. • To remove red wine, coffee, tea, grass and fruit stains etc.

add a stain removing agent in detergents dispenser compartment or chlorine bleach in compartment (depending on model). • Particularly stubborn stains should be treated before the wash. Dyeing and bleaching Products usually consist of dye colour, fixing agent and salt. Pour the dye colour, the fixing agent and then the salt directly into the empty drum. Load the laundry only afterwards.

• Only use dyes and bleaches recommended for washing machines. • Follow the manufacturer's instructions. • Plastic and rubber parts of the machine may be stained by dyes or bleaches. Starching • Dissolve/dilute the starch, powder or liquid, in approximately 1 litre water outside of the washing machine in a small container. Load the washing machine, close the drum flaps and pour the dissolved starch directly on the drum.

Then close the lid, select the programme "Rinse and Spin" and start. Loading the laundry 1. Lift the machine lid. 2. Open the drum by pressing the small flap and holding the large flap. 3. Place the items of laundry in the drum one by one without compressing them. @@@@Note: use only specific detergents for wool. @@@@Do not use solvents (turpentine, benzine, etc.).

@@@If the appliance detects excessive foam it may prevent spinning. @@@@Chlorine bleach, no more than to "MAX" mark. @@Do not use liquid detergents for programmes with prewash. For programmes without prewash and temperatures from cold to 40° C, it is ren. A Recovering an object that falls between the drum and the tub If an object accidentally falls between the drum and the tub, you can recover it thanks to one of the removable drum blades: 1. Unplug the appliance. 2. Remove the laundry from the drum. 3. Close the drum flaps turn the drum a half-turn.

4. @5. It will fall into the drum. 6. @7.

@8. Then slide the plastic blade from right to left until it clips. 9. @@10. @@@@Replace if necessary.

TROUBLESHOOTING GUIDE This appliance is equipped with safety functions which detect faults at an early stage and react appropriately. Often, however, the faults detected are small enough to be solved in a matter of minutes. Detergent and additive product residues in dispenser at end of wash. Check whether:

• the siphon is correctly installed and clean (see "Maintenance and Cleaning"/"Dispenser Cleaning Instructions"); • enough water is being supplied. The mesh filters could be clogged (see "Maintenance and Cleaning"/"Water Hose Mesh Filters"). The appliance will not start, no lamp lights up. Check whether:

• The appliance is plugged in; • a programme has been selected; • the programme is started; • the water tap is open. The appliance vibrates during the spin cycle. Check whether: • the appliance is level and solidly installed on all feet (see "Installation instructions"); • the transport screws and transport bar have been removed. Before starting up the appliance, the transport screws and the transport bracket must be removed (see "Installation instructions") and 4 screws have to be screwed back to the rear panel.

The appliance stops during the programme. Check whether: • the "Rinse Hold" button is pressed: terminate this option; • the water tap is open; • the pump/foreign body trap are blocked (see "Removing the Foreign Body Trap"); Insufficient or no water supply. Check whether: • the water tap is completely open, and the water supply pressure is sufficient; • the water inlet hose is kinked; • the mesh filters are clogged (see "Maintenance and Cleaning"/"Water Hose Mesh Filters"); • the water inlet hose is frozen. Reselect the desired programme and start again to continue with the programme (do not add detergent for this programme). Final spin results are poor. Check whether: • the appliance has an imbalance detection and correction system (depending on model). • If individual heavy articles are loaded (bathmat, bathrobe, etc.) this system may reduce the spin speed automatically to protect the appliance. It may even interrupt the spin cycle altogether, if the imbalance is too great after several spin starts; • if the laundry is too humid at the end of the cycle, add more articles of laundry to balance the load and repeat the spin cycle; • excessive foam formation may prevent spinning. Use less detergent.

Check whether: • the pump impeller is obstructed (see "Removing the Foreign Body Trap"); • the lid was opened during the delicate or wool programme.

Close the lid and select a spin programme. The appliance does not drain out the water. Check whether: • drain hose is kinked (see "Installation Instructions"); • the pump/foreign body trap are blocked (see "Removing the Foreign Body Trap"); **IMPORTANT:** Before draining, allow the wash water to cool down. • the drain hose is frozen.

Reselect the desired programme and start again to continue with the programme (do not add detergent for this programme). If the fault re-occurs, contact After-Sales Service (see "After-Sales Service"). • the "Rinse Hold" button is pressed: terminate this option. 71 3gb00028.fm5 Page 72 Wednesday, April 4, 2001 7:02 PM AFTER-SALES SERVICE Before contacting After-Sales Service: 1.

Try to remedy the problem yourself (see "Troubleshooting Guide"). 2. Restart the programme to check whether the problem has solved itself. 3. If the machine continues to function incorrectly, call After-Sales Service. Specify: • The nature of the problem. • The exact model of the appliance. • The service code (number after the word SERVICE). The After-Sales Service sticker is in the lid of the foreign body trap or on the rear of the machine. • Your full address.

• Your telephone number and area code. As a priority, you should contact the After-Sales Service of the retailer who supplied you with the appliance.

TRANSPORT AND HANDLING 1. Unplug the appliance. 2. Turn off the tap. 3. Remove the water supply and drain hose. 4. Eliminate all water from the hoses and the appliance (see "Draining residual water").

Wait for the water to cool so as to avoid any accidents. 5. To facilitate moving the machine, pull the handle situated at the bottom front (optional on certain models) out a little by hand and pull it out to the stop with the foot. Afterwards push the handle back into the original stable position.



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Transport the washing machine upright. **IMPORTANT: Do not use the appliance while the handle is pulled out.** 72 3gb00028.fm5 Page 73 Wednesday, April 4, 2001 7:02 PM **INSTALLATION Removal of transport bracket** The appliance is fitted with a transport bracket to avoid any possible damage during transport. Before using the appliance, the transport bracket at the back **MUST** be removed.

1. Unscrew the two screws A and the four screws B with a flat screwdriver or a No. 8 hex nut box spanner. 2. Remove the transport bracket. 3. Replace the four outer screws B on the machine and tighten them. 4. Remove the two seals C from the hose holder and clip them into the openings of the machine D. Note: do not forget screw back and tighten the four outer screws B.

A D B 1 1 1 2 C 4 D 4 73 3gb00028.fm5 Page 74 Wednesday, April 4, 2001 7:02 PM **Adjust the feet** Install the appliance on a level surface, near to electrical, water and drain connections. If the floor is uneven, adjust the feet (do not insert pieces of wood, cardboard etc. under the feet): 1. Loosen the locknut using the wrench provided. 2. Adjust the height of the foot by hand. 3. Retighten the locknut by turning it anti-clockwise. Make sure that all feet are resting correctly on the floor and that the appliance is perfectly level and stable (use a spirit level).

The appliance can be installed in an area 40 cm wide and 63 cm deep. Note: if you install the machine on thick carpet, adjust the feet to ensure that there is sufficient space under the machine for the air to circulate. Connect the water inlet hose. 1. Carefully screw the water inlet hose onto the tap by hand. 2. Make sure there are no kinks in the hose. 3. Check water-tightness of tap and appliance connections by turning the tap completely on. If the hose is too short, replace it with a suitable length of pressure resistant hose (minimum 1000 kPa - EN 50084 approved type).

Periodically check the hose for brittleness and cracks. Replace if necessary. The appliance can be connected without a non-return valve. 74 3gb00028.fm5 Page 75 Wednesday, April 4, 2001 7:02 PM **Water stop anti-flooding system (depending on model)** • Screw the hose to the water supply tap.

• If the flexible hose is too short, replace it with a 3 m Water Stop hose (available from After-Sales Service or from your dealer). This operation must be carried out exclusively by a qualified technician. Connect the water drain hose 1. Unhook the drain hose from the left and right hose connections, see arrow A in figure. Important: Do NOT loosen the drain hose connection from the left side, see arrow B in figure.

Otherwise, there is the risk of leakage and of scalding with hot water. 2. Fix the "U" bend (C) to the free end of the drain hose. 3. Connect the drain hose to the siphon or hook it over the edge of a sink with the "U" bend. Small hand basins are not suitable. The edge of the sink must be no more than 100 cm from the floor. If you need to add an extension, use a flexible hose of the same size and secure the unions with screw-on hose clips. Maximum overall drain hose length: 2.50 m.

Maximum drain height ("U" bend): 100 cm. Minimum drain height: 55 cm. Important: Make sure there are no kinks in the drain hose and take precautions against it falling while the appliance is running. A C B 75 3gb00028.fm5 Page 76 Wednesday, April 4, 2001 7:02 PM **ELECTRICAL CONNECTION** Do not use extension leads or multi sockets.

Electrical connections must be made in accordance with local regulations. 1) Warning - this appliance must be earthed This appliance is normally supplied with a mains lead having a plug fitted in the factory which has been checked for correct earth continuity. If the fitted plug is not suitable for your socket outlet, or if the machine's mains lead is not fitted with a plug, you should fit a suitable new, good quality plug by following the instructions in (2) below. Any unsuitable plug should be cut off and disposed of in order to avoid a possible shock hazard should it be inserted into a socket. 2) **CONNECTION TO A REWIRABLE PLUG** - to be carried out only by a qualified electrician The wires in the mains lead are coloured in accordance with the following code: BLUE - "NEUTRAL" ("N") BROWN - "LIVE" ("L") GREEN AND YELLOW - "EARTH" ("E") VALID ONLY FOR GREAT BRITAIN AND IRELAND To fit a new plug, proceed as follows: 2.

1 Polarized Plugs (e.g. 3 pin, 13 amp plug conforming to BS 1363A) a. The GREEN AND YELLOW wire must be connected to the terminal in the plug which is marked with the letter "E" or by the Earth symbol or coloured green and yellow. b. The BLUE wire must be connected to the terminal which is marked with the letter "N" or coloured blue. c. The BROWN wire must be connected to the terminal which is marked with the letter "L" or coloured brown. 2.2) Non-polarized plugs (e.

g. 2 pin with side earth contact) The wire which is coloured GREEN AND YELLOW must be connected to the earth contact. The other two wires should be connected to the two pins, irrespective of colour. **FUSE REPLACEMENT** If the mains lead of this appliance is fitted with a BS 1363A 13 amp fused plug, replace the fuse only with an A.S.T.A. approved type conforming to BS 1362 and proceed as follows: Remove the fuse cover (A) and the fuse (B). Fit the replacement 13 A fuse into the fuse cover. Refit both into the plug.

For all other types of plug, the supply socket should be protected by a 16 A fuse or circuit breaker at the distribution board. 76 .



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