



OWNER'S MANUAL

DISHWASHER INSTALLATION AND MAINTENANCE

Model

757E

For operator. Do not discard.



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1 - GENERAL RECOMMENDATIONS

ATTENTION

Carefully read this instructions booklet, as it contains important advice for safe installation, operation and maintenance. Keep this booklet to hand in a safe place for future reference by other operators.

Installation, use and service of the machine can be performed only by qualified personnel, especially trained to follow instructions:

WARNING!

The manufacturer cannot be held responsible for injuries or damages of any kind occurred to persons, machine or others, due to lack of conformity with the operation instructions indicated in this documentation and for abuse, misuse and lack of conformity with the instructions indicated in this documentation as well as installation, uninstall, service, tune-up, maintenance requiring the removal of the safety barriers not performed BY TRAINED AND AUTHORIZED SPECIALISTS, will result in the IMMEDIATE LOSS OF THE WARRANTY.

Loss of warranty will result also from any service performed to the machine, when: Safety barriers are removed without disconnecting the power line and the water supply. When any safety provision of the machine has been bypassed, removed or excluded.

Machine is installed in provisional, improper or unsafe conditions for lack of compliance with safety provisions (fuses, main breaker, ground line, or water inlet and discharge valves).

When unauthorized modifications or additions of devices which modify the operation cycles indicated on the data chart delivered with the machine.

When not genuine spare parts are used.

Installation or storage in inadequate spaces according to the indications of manufacturer.

Machine utilization different from the scope foreseen as written in the documentation (ex. Dishes of type or sizes different from specified).

Utilization of chemical dispensers with corrosive products (Chlorinated), not pure or dry.

1A – HANDLING

Use suitable means to move the appliance: a lift truck or fork pallet trucks (the forks should reach more than halfway beneath the appliance). This machine weights 140 Kg (308 lbs). It is recommended to move this unit with two persons or more to avoid injuries.

1B – UNPACKING

Before opening the boxes, verify the conditions and in case indicates damages on delivery slip. After unpacking, check the machine conditions, in case the machine is damaged, communicate immediately to the dealer.

Do not proceed with the installation if damages are relevant to operate safely and wait for qualified and authorized assistance person. Keep packaging (boxing components such as plastic bags, expanded polystyrene, nails, etc.) outside the reach of children for safety reasons.

- 1- Wear protective gloves to unpack the appliance from the packaging.
- 2- Lift the appliance using a lift truck.
- 3- Remove the protection film of the appliance.

1C – DISPOSAL

This appliance is marked according to the European directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE). By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.



The symbol:  on the product, or on the documents accompanying the product, indicates that this appliance may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. Disposal must be carried out in accordance with local environmental regulations for waste disposal.

For more detailed information about treatment, recovery and recycling of this product, please contact your local city office, your household waste disposal service or the store where you purchased the product.

1D – TECHNICAL DATA

WATER CONNECTION

Temperature	°C	50
	°F	122
Pressure	kPA	200 - 500
	Bar	2 - 5
	PSI	29 - 72
Flow	Lt/min	20 - 30
Hardness	°f	7 – 14

	°dH	4 - 7,5
	°e	5 - 9,5
	ppm	70 - 140
Mineral residues	mg/l	300 / 400
Conductivity	µS/cm	300 / 400

ELECTRICAL CONNECTION

Voltage	V	225 ± 6 %
Frequency	Hz	60 ± 1 %
Wash Cycle	°C	55
	°F	131
Rinse Cycle	°C	85
	°F	185

INSTALLATION ENVIRONMENT

Operating Temperature	°C	5 - 35
	°F	41 - 95
Storage Temperature	°C	10 - 70
	°F	50 - 158

1D1– NOISE LEVEL

Environment noise level cannot exceed the values as per Standards of place of installation. The noise of the machine, measured at the manufacturer site, has been less than 70dB, approximately 58dB. When using the machine following data must be complied with the storage, transportation, utilization and maintenance of the machine. Values of this documentation can be updated according to the update and manufacturer can reserve the rights to modify present values.



2 - INSTALLER AND MAINTENANCE PERSON INSTRUCTIONS

ATTENTION

Specialists that install the machine are foreseen to train the operators about machine utilization and safety procedures to be followed. They must provide a real “demonstration” and verify that machine instructions are available to the operators.

Following attentions should be taken:

WARNING!

DO NOT OPEN THE DOOR QUICKLY IF CYCLE IS NOT ENDED.

DO NOT DIP BARE HANDS IN WASHING SOLUTION.

DO NOT TAKE OFF THE MACHINE PANELS IF THE MACHINE HAS NOT BEEN DISCONNECTED FROM THE POWER AND WATER SUPPLY.

DO NOT BYPASS THE MACHINE PROTECTIONS (MICROSWITCHES, PANELS, OR OTHERS) PROVIDED BY THE MACHINE MANUFACTURER IF NOT AT THE PRESENCE OF TRAINED SPECIALISTS THAT CAN TAKE PROPRER PRECAUTIONS.

DO NOT UTILISE THE MACHINE TO WASH GOODS OUTSIDE THE SCOPE FOR WHICH IS PROVIDED FOR, OBJECTS OF SHAPE, TYPE, SIZE, AND MATERIAL NOT COMPATIBLE.

DO NOT OPERATE THE MACHINE IF NOT PROPERLY CONNECTED, ACCORDING TO THE SPECIFICATIONS AND REQUIREMENTS OF THE LOCAL LAW AND PRESCRIPTION OF MANUFACTURER, MAKING SURE THAT ALL SAFETY DEVICES ARE OPERATIVE.

ID/RATING/DATA PLATE

ID/Rating plate of the appliance contains identification and technical data and is located on the front inside panel.

- To remove the front panel: Unscrew the two screws located on the bottom of the panel.

2A – WATER CONNECTION

N.B.

Shut-off valve is a single direction, diaphragm control type, which can shut water supply off quickly and totally. Selected to assure water pressure and flow as requested in the data diagram supplied with each machine.

1- Position the dishwasher to its final location and level the appliance by turning the relative height adjustable feet. (Fig.5)

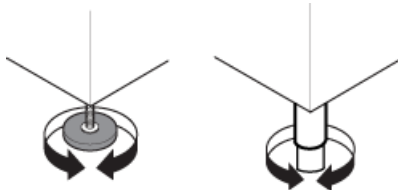


Fig. 5

2- Connect the solenoid valve, which feed the machine, to water shut valve, using a flexible hose. Each machine must have its own water supply.

2A1 – WATER SUPPLY PRESSURE

Check that dynamic water supply pressure, measured between the appliance and the main, is between **200 and 500kPa**. If the pressure is too high, install a pressure regulator on the inlet pipe. If the pressure is low, install an additional external pressure motor pump. (par.1D – Technical Data)

- In case of new or long term appliance inactivity, drain the water line to eliminate air bubbles and foreign bodies present in new or unused water lines, which can damage the machine.

2A2 – WATER HARDNESS

If water hardness is higher than acceptable, install a water softener if in the machine is not provided with an internal one, of adequate size prior the feed solenoid valve.

(par.1D – Technical Data)

If there is a high concentration of mineral residues in the water or high conductivity, we recommend installing the demineralization filter for 5/7° f.

2A3 – MODELS WITH FREE FALL (GRAVITY) DRAINAGE

N.B.

The drainage line consists of a sump pit (floor drain), free flow, of proper size capable to evacuate twice the water flow indicated on the data diagram. It must be near to the drain pipe of the machine without bending, stretching the pipe.

- The drain line must reach the sump pit with free flow without restraints, stretching, bends, kinks, or being forced.

- Connect the waste outlet pipe to the main drain pipe.

2A4 – MODELS WITH DRAIN PUMP

- This unit does not have a drain pump for waste water.



2B – ELECTRICAL CONNECTION

N.B.

All contacts must open mechanically, ground line included, min. distance between contacts 3 mm, with magnetic overload or fuses, calibrated for a max, sustained current agree with machine plat. It must be installed outside the machine but close to it. It must supply only one machine at time, dedicated service. The machine cannot be connected to mains using adapters, plug, cables or cable extensions not properly sized and adequate to the machine power requirements.

- Verify that the specifications must comply with indicated requirements written on the data plate located inside of the front bottom panel of the machine (par. ID/RATING/DATA PLATE).The main breaker and wires must be properly sized and suitable for the machine and must be properly grounded.

WARNING!

THE MANUFACTURER IS NOT RESPONSIBLE FOR DAMAGES OR INJURIES CAUSED FOR IMPROPER GROUNDING. THE GROUND AND THE ELECTRICAL CONNECTIONS SHOULD BE IN COMPLIANCE WITH LOCAL CODES.

Power cable cannot be stretched kinked, pressed, during normal operation, service or anytime. Earth equilibrating point on machine must be connected to nearest appliance terminal according to Safety Standards using a 2.5 – 10 mm wire.

2D – DETERGENT AND RINSE AID DISPENSERS AND SETTINGS

Before starting a new cycle the dispenser and the tubing must be completely filled. Check the level of the detergent or rinse aid and eventually start a fill cycle.

N.B.

The level in the detergent or rinse aid tank must not get empty or filled with corrosive or inadequate products. The warranty does not cover damages caused by improper use of dispenser. The dispenser is calibrated at manufacturer site: dispenser settings after installation can be performed only by qualified specialists.

1- Remove the front panel by unscrewing the two screws located on the bottom of the panel.

Before removing the front panel make sure the machine is disconnected from the main breaker.

2- Insert included dispenser tube inside the detergent or rinse aid tank. (if available). (Fig.9)

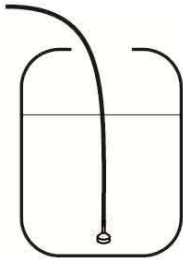


Fig.9

2D1 – PRESSURE RINSE AID DISPENSER

This unit does not use a pressure rinse-aid dispenser.

2D2 – PERISTALTIC RINSE AID AND DETERGENT DISPENSER

Setting of rinse aid dispenser is done after removal of front panel, under the tank door.

- 1- Close gently all the way down the dispenser by screwing anticlockwise the setting screw of the dispenser.
- 2- Open up until reached necessary quantity by screwing clockwise the potentiometer of the dispenser.

(Fig.11)

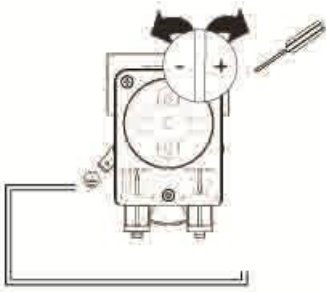


Fig.11

Quantity for the first setting should be according to the installation after evaluating the hardness of the water and the type of rinse aid used. Recommended rinse aid standard quantity is 0,16 gr/sec that correspond to the maximum flow rate of the dispenser.

Recommended detergent standard quantity is 0,77 gr/sec that correspond to the maximum flow rate of the dispenser.

SUGGESTION

To check the effectiveness of the rinse aid, look at freshly washed glasses against the light. Drops of water remaining on the glass indicate an insufficient amount while streaks indicate an excess.

2D3 – DISHWASHERS WITHOUT DETERGENT DISPENSER



Manually add recommended detergent quantity from the supplier every 5 cycles. Doses differ depending on water hardness and soiled quantity that remain on the dishes.

N.B.

All dishwashers will accept external dispenser or specific dispenser kit through injector and relative tube or through the hole with relative cap located on the tank of the machine. The dispensers must be supplied by Jet Tech.

If changing to a different detergent or rinse aid type (even one by the same manufacturer), you must rinse the suction and pressure hoses with fresh water before connecting the new detergent or rinse aid container. Otherwise, the mixing of different types of detergent or rinse aid will cause crystallization, which may result in a breakdown of the dosing pump. Failure to observe this condition will invalidate the guarantee and product liability.

WARNING!

DETERGENT SELECTION AND DOSAGE ARE FUNDAMENTAL FOR GOOD WASHING RESULTS AND TO MAINTAIN THE MACHINE PERFORMANCES FOR LONG TIME AND EXTENDED LIFE. ALWAYS FOLLOW THE INSTRUCTIONS OF THE CHEMICAL MANUFACTURER. IMPROPER DOSAGES RESULT IN UNSATISFACTORY WASHING RESULTS AND REPRESENT A SOURCES OF POLLUTION IN RIVERS AND SEAS. DO NOT USE CORROSIVE OR POLLUTANT PRODUCTS TO PROTECT AND MAINTAIN MACHINE, NEVER EXCEED DOSAGES INDICATED BY DETERGENT MANUFACTURER. NEVER LEAVE THE DISPENSER DRY OR CHARGED WITH CORROSIVE OR FOREIGN PRODUCTS WHICH WILL RESULT IN LOSS OF WARRANTY.

2E – MAINTENANCE

- 1- Descale the boiler, the internal surface of the tank and the appliance water piping once or twice a year.
- 2- Descale the rinse and wash jets every month using vinegar or a descaling agent.
- 3- The internal hose of the rinse aid and detergent peristaltic dispenser should undergo periodic maintenance (once or twice a year).
- 4- Clean solenoid valve filter by extracting it from the inside of the valve and by unplugging the water inlet tube.

2F – UNINSTALL (Long period of inactivity)

Machine can be taken out of operation only by trained specialists authorized for the purposes, who will provide for:

- 1- Shut water line off (water valve) and electric supply (main breaker).



- 2- Completely drain the tank.
- 3- Remove and carefully clean the filters.
- 4- Completely drain the incorporated dispenser hoses, removing them from the containers.
- 5- Drain the detergent and rinse aid nozzles with fresh water first and after with water and glycerine (50% - 50%) taking care that nozzles remain clean inside.
- 6- Drain completely the booster by removing the screw located under the machine.
- 7- Spread a thin film of Vaseline oil over all the stainless steel surfaces.

INSTALLATOR REMARKS

INSTALLATION DATE: _____

INSTALLATION PLACE: _____

INSTALLATOR NAME: _____

MACHINE SERIAL NUMBER: _____

SIGNATURE: _____

3 - USER INSTRUCTIONS

3A – GENERAL RECCOMENDATIONS AND WARRANTY

Our appliances have been studied and optimised to give high performance. This appliance must be used exclusively for the purpose for which it has been designed, i.e. for washing dishes with water and specific detergent. Any other use is to be considered improper.

WARNING!

BEFORE ANY CLEANING OR MAINTENANCE OPERATION, DISCONNECT THE DISHWASHER BY SWITCHING OFF THE ELECTRICITY AT THE MAIN BREAKER BOX OR PULLING THE PLUG OUT.

DO NOT LEAVE THE DISHWASHER SWITCHED ON UNNECESSARILY.

IF ANY FAULT IS DETECTED, DISCONNECT THE DISHWASHER FROM THE MAIN, CLOSE THE MAIN WATER SUPPLY AND CALL IMMEDIATELY THE SERVICE ASSISTANCE.

DO NOT USE THE DISHWASHER IN AN EXPLOSIVE ATMOSPHERE.

DO NOT WAS OR CLEAN THE MACHINE WITH DIRECT PRESSURISED WATER AND/OR WITH HURTFUL MATERIAL.

AVOID EXPOSING THE MACHINE TO HEAT AND/OR HUMIDITY SOURCES.

DO NOT USE THE MACHINE IF THE SUPPLY CABLE IS DAMAGED.



THE MANUFACTURE DECLINES ANY LIABILITY FOR DAMAGES TO PERSONS AND/OR THINGS DUE AND TO AN IMPROPE, WRONG AND/OR UNREASONABLE USE OF THE MACHINE.

NEVER CLOSE THE WATER VALVE WHILE THE MACHINE IS WORKING.

DO NOT DISCONNECT THE SUPPLY BY PULLING ON THE SUPPLY ELECTRICAL CABLE BUT DISCONNECT BY SEIZING THE PLUG.

USE ONLY PROFESSIONAL DETERGENTS AND RINSE AID AND STORE THEM IN A COOL AND DRY PLACE, OUT OF THE REACH OF CHILDREN.

DO NOT REMOVE ANY PROTECTION AND/OR PANELS REQUIRING A TOOLING TO BE REMOVED.

THE MACHINE IS EQUIPPED WITH SAFETY MICROSWITCH TO STOP THE OPERATION IN CASE THE DOOR WOULD BE OPENED DURING THE WASH CYCLE. THE MOTOR PUMP IS EQUIPPED WITH A THERMAL SWITCH THAT IS TRIGGERED AT 160°C (320°F) TO AVOID THE OVERHEATING. IMPOSSIBILITY TO BE IN CONTACT WITH ELECTRICAL PARTS WITHOUT USING A TOOL.

TO AVOID VIBRATIONS, THE MACHINE IS EQUIPPED WITH FOUR ADJUSTABLE FEET.

12 months warranty – Mechanical Parts

12 months warranty – Electrical Parts

N.B.

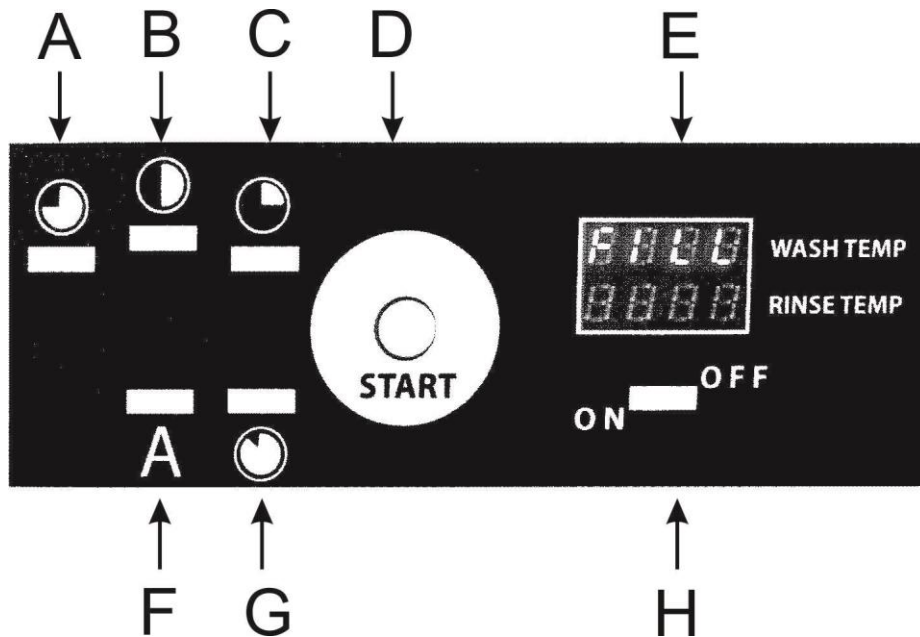
Damages, breakdown based on lack of conformity with the operation instructions indicated in this documentation and for abuse, misuse and lack of conformity with the instructions indicated in this documentation or service by unauthorized and non-specialist persons will result in the IMMEDIATE LOSS OF THE WARRANTY.

3A1– SUGGESTION BEFORE USING THE DISHWASHER FOR THE FIRST TIME

- Carry out a couple of wash cycles without dishes to flush out any industrial grease which has remained in the tank and piping.
- Avoid washing decorated dishes.
- Do not allow silverware to come in contact with other metals.
- Do not allow food to dry on the dishes.
- Remove large food particles from the dishes to prevent clogging the filters.
- Pre-wash the dishes by spraying them with cold or lukewarm water, without using any detergent.
- To have best washing results place all cutlery in the cutlery basket with the handles downwards paying attention to avoid potential injuries.
- Use automatic dispenser for the detergent.
- If there is no automatic dispenser, put non-foaming detergent into tank when the water has reached the washing temperature.

3B – STARTING / WASH CYCLES

(ELECTRONIC version)



- A: Long Wash Cycle
- B: Medium Wash Cycle
- C: short Wash Cycle
- D: Start Button
- E: Display
- F: Automatic Start
- G: Continuous Wash Cycle
- H: Power button

3B1 – STARTING THE MACHINE

1- Open the door and verify that all internal components, water flow device included, are in the correct position. (Fig.12)

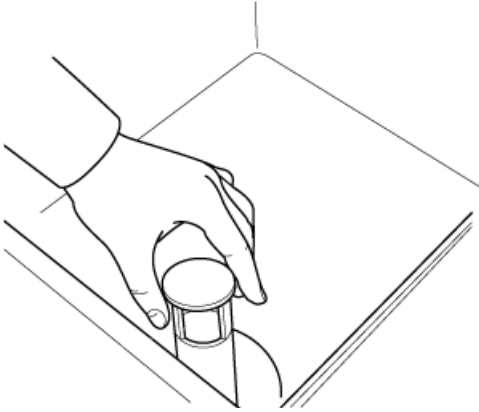


Fig.12

- 2- Open main water supply valve.
- 3- Switch on electricity at the breaker panel.
- 4- Close the door and press button “H” to turn ON the machine. (Fig.13)

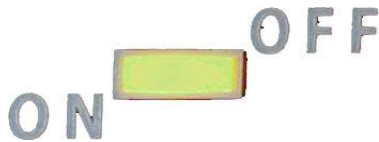


Fig.13

- During water filling process is displayed “FILL”. (Fig.14)



Fig.14

- If during this process the door is opened, the display will show “CLOSE DOOR”. Consequently close the door.
- During filling and water heating process the Button “D” indicator will show the color AMBER.
- After water heating process is finished and the temperature is reached, the button “D” START button light will display the color GREEN and the machine is READY to use.

3B2 – DETERGENT FILLING PROCESS (versions without automatic detergent pump only)

Dishwasher Models:

- Begin filling the tank with 5 to 6 spoons detergent (24 ml) and 1 spoon (5ml) every 2 to 3 wash cycles.

N.B.

All dishwashers are pre-set for electrical connection of external automatic detergent pump or automatic detergent pump kit through the injector and related tube or by the hole located on the back tank of the machine. If required only the models supplied by Jet-Tech will be accepted.

THIS MODIFICATION, IF REQUIRED, MUST BE CARRIED OUT BY QUALIFIED TECHNICIAN ONLY.

3B3 – WASHING CYCLE

The wash cycle includes one wash with hot water and detergent at 60°C (140°F) and one rinse cycle with hot water and rinse aid at 85°C (185°F). When the machine reaches the correct temperature and it is ready to start a new cycle, the button “D” will become GREEN then:

- 1- Open the door.
- 2- Add recommended quantity of detergent inside the tank – only models without automatic dispenser included – (see par. 3B2)
- 3- Insert dirty dishes loaded in the basket and close the door.
- 4- Press one of the available cycles between button “A”, “B”, “C” or “G”. (Fig.15)



Fig.15

- 5- Press button “D” to start the wash cycle. (Fig.16)



Fig.16

- 6- Wait until is displayed “END” cycle finished, open the door and remove the basket with the clean dishes. (Fig.17)



Fig.17

- During the wash cycle, the “D” button GREEN light indicator will be blinking and the time remaining will be displayed.

- If during this process the door is opened, the wash cycle will be interrupted and “CLOSE DOOR” is displayed. To start a new cycle press button “D” start cycle.

N.B.

The machine is equipped with different washing cycles, from 1 to 4. If available, use button “C” short cycle for light dirty dishes.

Button “B” medium cycle for medium dirty dishes. Button “A” long cycle for very dirty dishes.

3B4 – AUTOMATIC WASHING CYCLE

(Hood-type machines only)

Machines with automatic washing cycle have the possibility to perform an automatic washing cycle by simply closing the door of the machine.

1- Press button “F” to select automatic washing cycle. (Fig.18)



2- Close the door. Whenever closing the door, the wash cycle will start automatically.

- First cycle must be started by pressing button “D” start wash cycle. All other cycles will be automatic.

3B5 – CONTINUOUS WASHING CYCLE

(Hood-type machines only)

Machines with continuous washing cycle have the possibility to perform one washing cycles for long time period such as 10min maximum per cycle.

1- Press button “G” to select continuous washing cycle. (Fig.19)



2- Close the door and press button “D” to start a wash cycle.

3- Press again button “F” to stop continuous washing cycle whenever is preferred.

- This option is recommended as prewashing cycle when the dishes are very dirty.

Machines with **THERMO STOP** function may have cycle time longer than standard machine in case minimum booster temperature water is not enough hot for the final rinse. This device ensures correct final sanitization on the dishes.

- During thermo-stop washing process is displayed “SAFE” until final rinse temperature is reached and the cycle is finished. (Fig.20)



Fig.20

3B7 – FINAL COLD RINSE

Not available on this model.

3B8 – STANDARD LOADING RACKS

1- Load plates in frontal position. (Fig.22)

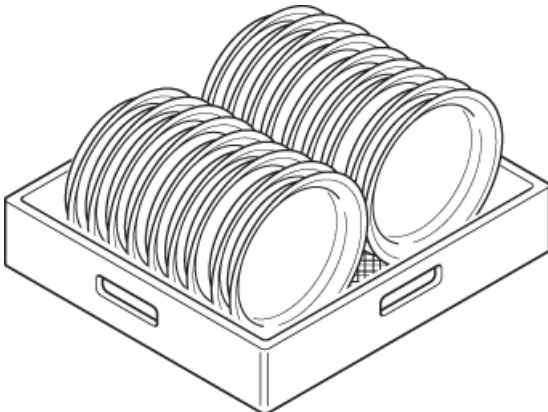


Fig.22

2- Load glasses and bowls in upside down position. (Fig.23)

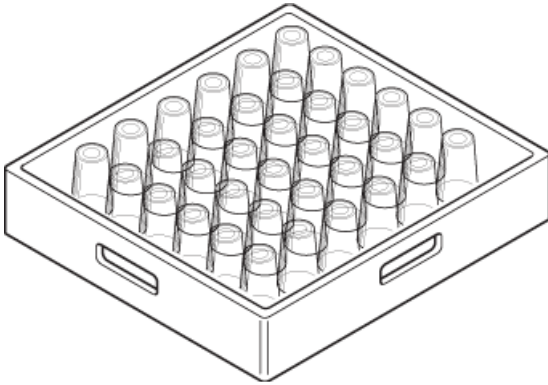


Fig.23

3- Load cutlery vertically inside its containers. (Fig.24)

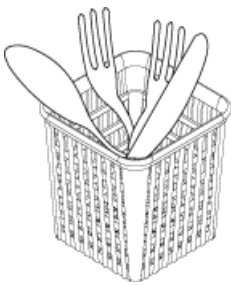


Fig.24

4- Load dish rack in machine with dishes as described on the figure. For hood-type models load the rack front side or sideways (if necessary switch rack support clockwise). (Fig.25)

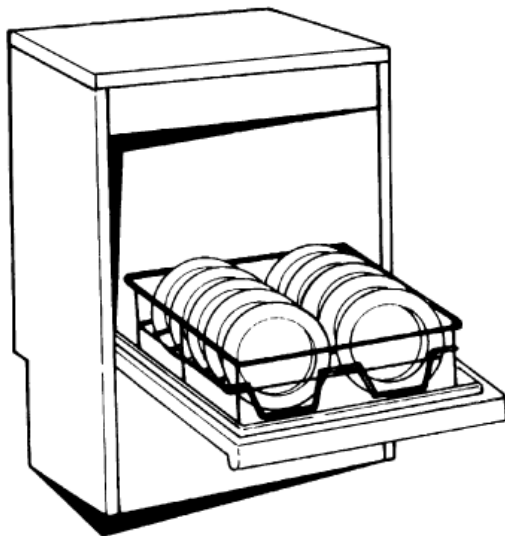
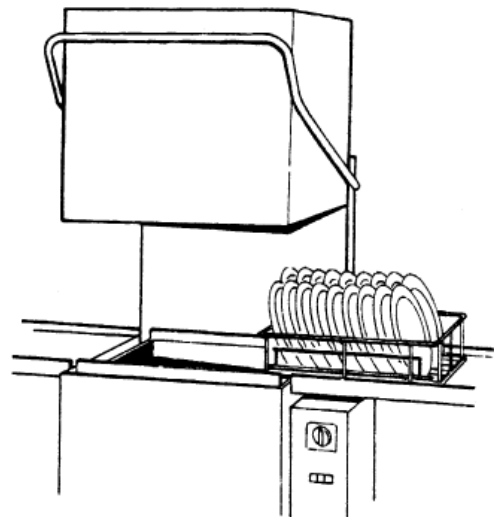


Fig.25



3D – DAILY CLEANING / END OF WORK

In order to have excellent washing results and a cleaned tank, it is recommended to change the water of the machine at least twice a day and clean all the filters properly inside the tank. Filters must be removed only once all the water is drained out of the machine.

3D1 – WATER DRAIN (MECHANICAL MACHINE WITHOUT DRAIN PUMP)

- 1- Turn OFF the machine by pressing button “H” On/Off.
- 2- Open the door and remove the stand pipe. (Fig.38)

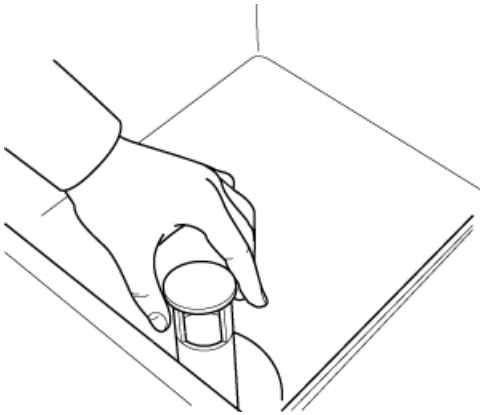


Fig.38

- 3- Wait until all the water is completely drained out from the tank.

3D2 – WATER DRAIN (ELECTRONIC MACHINE WITH DRAIN PUMP)

Option not available on this model.

3D3 – WATER DRAIN (MECHANICAL MACHINE WITH DRAIN PUMP)

Option not available on this model.

3D4 – CLEANING THE FILTERS

- 1- Turn OFF the machine by pressing button “H” On/Off.
- 2- Manually remove side or central filters or by unscrewing the ferrule located on the top rounded filter inside the tank. (Fig.43)



Fig.43

3- Wash and clean filters accurately on running fresh water.

4- Put all filters and components back inside the machine.

3D5 – CLEANING OF EXTERNAL SURFACES

Before carrying out any cleaning operations, turn off the power at the main breaker box.

To reduce the emission of pollutants into the environment, clean the appliance (externally and where necessary internally) with products having a biodegradability of over 90%.

WARNING!

CLEAN STAINLESS STEEL SURFACES BY USING WARM SOAPY WATER; NEVER USE DETERGENT CONTAINING ABRASIVE SUBSTANCES NOR STEEL SCRAPERS, COMMON WIRE WOOL, BRUSHES OR SCRAPES; RINSE THOROUGHLY USING A WET CLOTH AND CAREFULLY WIPE DRY.

DO NOT WASH THE APPLIANCE BY USING DIRECT OR HIGH PRESSURE WATER JETS.

3D6 – TURNING OFF THE MACHINE

1- Drain out completely the water from the tank. (see par.3D1/2/3)

2- Turn OFF the machine by pressing button “H” On/Off.

3- Close the door and turn off the power at the mains.

3F – WARNING MESSAGES DISPLAYED ON THE CONTROL PANEL

(Electronic version only)

N.B.

If the machine is in OFF mode, warning messages are not displayed. Turn ON the machine to visualize the type of warning message on the appliance. Following warning messages on the display are provided:

ntcb

E-01

BOOSTER TEMPERATURE PROBE

Booster temperature probe not connected or faulty.

Verify that the probe is correctly and well connected to the electronic board.

Verify that the probe is correctly positioned inside the booster and there is not presence of limestone on it.

ntcu

E-02

TANK TEMPERATURE PROBE

Tank temperature probe not connected or faulty.

Verify that the probe is correctly and well connected to the electronic board.

Verify that the probe is correctly positioned inside the tank and there is not presence of limestone on it.

fill

E-03

WATER FILL

Water fill not completed during the available maximum time (10min).

Verify that water supply is correctly connected, opened and free of obstructions.

Verify that solenoid valve filter is free of possible obstructions and deposit.

Verify that water supply pressure is adequate (par.1D – Technical Data).

Verify that machine's door is completely closed and the overflow device is correctly positioned inside the tank.

N.B.

If water fill timing expires or in case of water level signal is not respected solenoid valve is automatically interrupted. To restart solenoid valve press any button on the control panel.

Tbo

E-04

BOOSTER TEMPERATURE LIMIT

Booster temperature maximum set point reached (set point +14°C / 57°F).

SUBSTITUTE THE ELECTRONIC BOARD

TUA

E-05

TANK TEMPERATURE LIMIT

Tank temperature maximum set point reached (set point +7°C / 44°F).

SUBSTITUTE THE ELECTRONIC BOARD

drA

E-06

DRAINAGE ANOMALY

Drainage not completed on the maximum programmed timing.

Verify that the overflow device is completely removed and not obstructions are present on the water drain line.

Verify that drain wires is correctly connected to the electronic board.

Bnot

E-07

BOOSTER HEATING

Maximum booster heating time reached (15min).

Verify that heater element wires are correctly connected to the electronic board.

Verify that heater element works correctly and there is not presence of limestone on it.

Unot

E-08

TANK HEATING

Maximum tank heating time reached (30min).

Verify that heater element wires are correctly connected to the electronic board.

Verify that heater element works correctly and there is not presence of limestone on it.

SEruICE

E-09

PARAMETERS ERROR OR DAMAGED BOARD

Memory parameters error or damaged board.

REPLACE THE ELECTRONIC BOARD

ACTIONS FOLLOWED TO THE WARNINGS:

Booster and tank heating elements are interrupted, all loads are deactivated, the electronic board displays warning codes and it is inactivated. All control panel l.e.d.s are Off.

Cycle is interrupted "hold mode" until the failure is repaired. It is always possible to turn Off and On the appliance with the button.

SAFETY THERMOSTAT



All machines are provided with a safety heat switch that shuts machine off in case of overheating (120°C/248°F). To reset the thermostat device press the push-button behind the control panel of the thermostat.

CALL TECHNICAL SERVICE ASSISTANCE

FOLLOWING ACTIONS AFTER MACHINE ERROR OR BREAKDOWN:

Booster and tank heating elements are interrupted, water load is deactivated, control panel display visualizes the error and the electronic card is inactivated. All led buttons are OFF. Washing cycle is interrupted (standby mode) and restored if the problem is solved. It is always possible to turn OFF the machine by pressing button "A" ON/OFF, and if the problem is solved, warning messages are not more displayed.

4 – TROUBLESHOOTING

THE DISHWASHER DOES NOT WORK?

- 1- Verify inlet main water supply is correctly connected, open and free from any obstructions.
- 2- Verify main electrical supply is working without any electrical breakdown connections.
- 3- Verify the door is properly closed.

DISHWASHER DOES NOT WASH WELL?

- 1- Verify if the filters are cleaned, in case not, clean them. (see par. 3D4)
- 2- Verify if the washing water jets on the washing arms are not obstructed by any solid residues.
- 3- Verify if used a correct amount and quality of detergent and rinse aid. (see par. 3B2/3C2)
- 4- Verify if the dishes are correctly loaded on the dishwasher. (see par. 3B6/3C7)
- 5- Washing cycle used is too short. Use another cycle (if available) or repeat the washing cycle.

THE DISHES ARE NOT RINSED WELL?

- 1- Verify if the rinse water jets on the washing arms are not obstructed by any solid residues.
- 2- Verify solenoid valve filter is free from any obstructions such as lime or scale.
- 3- The inlet water pressure is inferior of 2 bar – 200 kPa. Install an external pressure device to ensure and increase the inlet water pressure inside the machine.

THE DISHES DO NOT DRY WELL?

- 1- Ask the assistance service to verify the instruction for the rinse aid dosing. (see par.2D)



- 2- Verify if the rinse aid container is empty. If yes, fill it with rinse aid product. (see par. 2D)
- 3- Verify the quality and the quantity of the rinse aid used and check with the assistance service. (see par. 2D)
- 4- Verify the rinsing temperature is between 80°C (176°F) to 90°C (194°F) degrees.

CONDENSATION ON GLASSES?

- 1- Verify if the rinse aid container is empty.
If yes, fill it with rinse aid product. (see par. 2D)
- 2- Verify the quality and the quantity of the rinse aid used and check with the assistance service. (see par. 2D)
- 3- Remove the glasses from the rack immediately after the end of each cycle.

STAINS ON GLASSES?

- 1- Use only non-foaming products for professional dishwashers.

EXCESSIVE FOAM IN THE TANK?

- 1- Verify washing water temperature is not less than 50°C (122°F) degrees.
- 2- Ask the assistance service to verify the instruction for the rinse aid dosing. (see par. 2D)
- 3- Ensure the tank has not been cleaned with unsuitable cleaners. Drain the tank and rinse thoroughly before new wash cycles.
- 4- If foaming detergent has been used, drain and refill the tank with water until the foam disappears.

SMEARS OR SPOTS ON THE GLASSES?

- 1- Ask the assistance service to verify the instruction for the rinse aid dosing.

EMERGENCY

IN CASE OF FIRE A POWDER EXTINGUISHER MUST BE USED.

IN CASE OF DANGER CUT-OFF IMMEDIATELY THE ELECTRICITY AT THE BREAKER PANEL.

The Manufacturer reserves the right to modify the appliances presented in this publication without notice.



MANUFACTURERS LIMITED WARRANTY

MVP Group (JET TECH) hereby warrants all new ware-washers bearing the name "JET TECH" and installed within the continental united states of America or Canada to be free from defects in material or workmanship, under normal and regular usage and operation, for a period of one (1) year following the date of original installation, **(unless specified otherwise)** but in no event can exceed eighteen (18) months from the date of shipment from the factory.

If a defect in material(s) or workmanship is detected; or found to exist within the stated period above, MVP Group at its sole discretion, shall either repair or replace any part which has proven to fail within the machine; providing that the equipment has not been altered or tampered with in any manner, has been installed correctly as per the owner's manual, and maintained and operated in complete accordance with this manual.

The labor cost to repair or replace any part proven to be defective, as per above clause(s), shall be covered by MVP Group, within the continental United States of America or Canada; provided that: prior authorization for this labor was approved by MVP Group, the service work was performed by an authorized service agency; and that this agency installed an original and genuine JET TECH part in the machine. Any repair work performed by a non-authorized service company remains the sole responsibility of the user, and MVP Group will not be held responsible. **The installation of any generic part will not be valid; and therefore voids this warranty.** All authorized labor coverage shall be limited to regular hourly rates only. Any supplemental hourly rates or charges, such as weekends or emergency premiums remain the responsibility of the user.

MVP Group hereby states that: warranty travel time shall be limited to, and without exception, a round-trip total of two (2) hours or mileage up to a maximum of one hundred (100) miles round-trip. Any charges exceeding those stated herein must have prior authorization by the factory.

Exceptions to above warranty are: (a) damages resulting from shipping, handling or abuse. (b) Incorrect installation and/or connections. (c) Unauthorized adjustments or calibration of any thermostats or timers. (d) Faults due to lack of regular maintenance or cleaning of any internal part(s). (e) Replacement of any wearable items such as: curtains, or peristaltic squeeze tubing or gaskets. (f) Excessive lime, mineral, alkali or hard water conditions and (g) poor results due to: use



of an incorrect type of detergent (for non-commercial type applications or chlorinated), and excessive or inadequate water temperature or pressure conditions.

MVP Group states that there are no other warranties, expressed or implied, that are not set forth herein, MVP Group shall assume no other responsibility, either direct or non-direct, or be liable for any other or additional loss or damage whether being direct or consequential, as a result of its equipment.

This unit is intended for commercial use, in a commercial setting.