

## ■ CLEANING

- DO NOT use water sprayers or pressurized water jets to clean machine.
- DO NOT use detergents containing perfumes, alcohol or ammonia either directly or indirectly (damp cloth) to clean machine.
- USE only disinfecting detergents suitable for crockery.
- Chemical-based detergents used for cleaning machine and/or the system should be used with care so as not to deteriorate any components or cause damage to environment when discarded.
- Constant cleaning of the coffee dosing grinder.

CAUTION: Improper maintenance and cleaning, use of unfiltered water, or damage to internal parts may cause possible blockages in water flow leading to unexpected jets of hot liquid or steam. This may cause serious injury. Use CAUTION while washing and servicing machine!

- It is possible to maintain the internal parties of the appliance opening the two side-doors.

When the left door is open, it is possible to see that on the upper part of the frame is installed a safety switch, which removes the power supply from the machine, at the moment of opening the door. Pull the switch knob to reset the power supply without closing the door.

When the machine is supplied with milk frothing device (cappuccinatore), the above mentioned safety switch is installed also on the right door.

### **SANITATION:**

Coffee, and possible ingredients (sugar, milk, etc..), are sensitive products and therefore the following basic hygiene processes need to be considered. The following are factors which can affect finished product quality served to the customer:

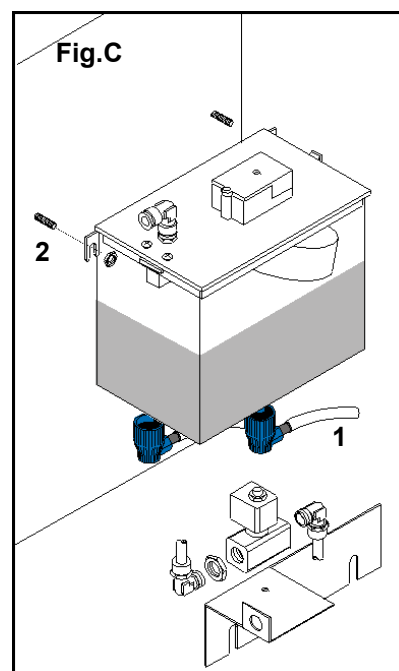
- Wash hands past elbows.
- Wear rubber gloves if cuts or skin conditions exist.
- Wash hands regularly throughout the day.
- Clean all parts and components thoroughly
- Use approved lubricants and sanitizing tablets.
- Clean the tube of lubricant; after each use, always recap the tube.
- Store sanitizer in a cool, dry place. Use in accordance to instructions.
- Allow employee uninterrupted time to complete the cleaning procedure.
- Do not neglect daily cleaning procedures: follow "CLEANING" instructions in the User Manual.
- Once product is poured into beans hopper, close cover properly to prevent airborne contaminants from entering the mix.
- Rotate stock to use older date product first (FIFO). Observe product expiry date.

Product must never be stacked outside or under direct sunlight. Check the indications on the confection.

## ● DAILY CLEANING PROCEDURES

### - WATER CONTAINER CLEANING:

- 1 - CLOSE THE MAIN TAP AND UNPLUG THE ELECTRICITY.
- 2 - Open the right door and empty the little water container (Fig.C - 1) through the silicone pipe (first remove the pipe stopper).
- 3 - When it will be empty, replace the stopper and detach the silicone pipe from the plastic "T" pipe fitting, which connects the water container to the boiler.
- 4 - Unscrew (not completely) the 2 nuts fixing the little container to the internal frame (Fig.C - 2).
- 5 - Detach the teflon pipe going from the elbow connector to the solenoid valve and also detach the 2 silicone pipes from the blue plastic connectors.
- 6 - Take off the water container, remove the cover lid and clean it with suitable disinfectant fluid.
- 7 - Rinse carefully under running water and put it again in its operating seat.



### - MILK FROTHING DEVICE CLEANING:

#### CAUTION ! DELIVERY OF HOT LIQUID!

Perform the following operations at the end of every working day:

- 1 - Introduce the milk aspiring pipe [Fig.D - 1 (Robostar base models) / Fig.E - 1 (Robostar One Plus models)] in a container with water.
  - 2 - Press the "Cappuccino" push-button and deliver some water.
- For a more careful cleaning:
- 1 - Remove the milk frothing device (ill D) from its seat and disassemble it.
  - 2 - Put everything in a container with water and suitable disinfectant fluid (first remove eventual milk solid deposits).
  - 3 - Rinse carefully under running water; assemble again and put it in its operating seat.

Fig.D

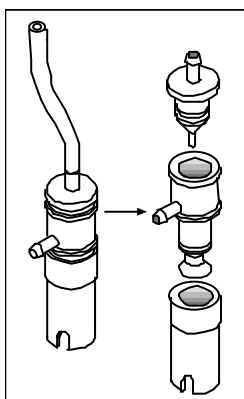
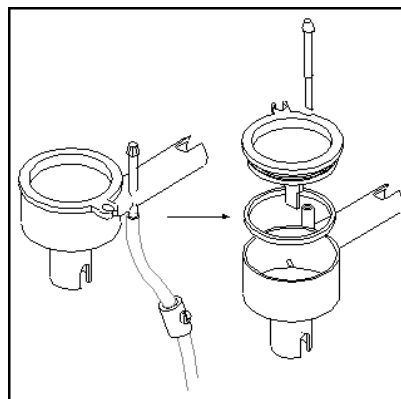


Fig.E



## **- AUTOMATIC COFFEE CIRCUIT CLEANING, WITHOUT DETERGENT:**

### **CAUTION ! DELIVERY OF HOT LIQUID!**

- Press CLEANING key once; automatic cleaning cycle starts, the display shows: "Wait".

At the end, the display shows: "Ready"

**Warning: never interrupt cleaning cycle!**

## **● WEEKLY CLEANING PROCEDURES**

## **- AUTOMATIC COFFEE CIRCUIT CLEANING, WITH DETERGENT:**

### **CAUTION ! DELIVERY OF HOT LIQUID!**

- Press CLEANING key once
- Insert detergent tablet in the funnel for decaffeinated coffee dose on the hopper
- Press CLEANING key once; automatic cleaning cycle starts, the display shows: "Wait".

At the end, the display shows: "Ready"

- Rinse carefully by pushing 4-5 times the CLEANING key

**Warning: never interrupt cleaning cycle!**

## **- INTERNAL PARTS CLEANING:**

**WARNING: this procedure can be performed by authorized service agent/technician ONLY.**

For a internal careful cleaning is advisable to remove the brewing group, and the grinder, as well as the boiler unit (boiler, solenoid valves, pump and turbine).

## ■ TROUBLESHOOTING AND SOLUTIONS

- The user (the installer and the maintenance technician) must inform the manufacturer of possible faults or wear which could affect the system's original safety.
- Any fault or defect should be promptly notified to the technicians who are qualified and authorized to carry out installation and maintenance.
- All type of alarms stop the machine: reset it with the ON-OFF key.
- Always verify that the ON-OFF key is on the heating element symbol during the machine operation.

<b>Eeprom error</b>	Eeprom alarm: the used eeprom is not that required by the program: replace it and reset the machine with P3 key. (also the default data will be reset)
<b>Probe temp.</b>	the temperature probe circuit is interrupted or open; when this alarm appears, the boiler heating element switches off. Replace the probe and reset the machine with the ON-OFF key.
<b>Flowmeter</b>	the flowmeter does not give any impulsion for at least 4 cc in 15 sec.; this alarm can appear also when there are problems with the pump or if the solenoids do not open (water, steam, coffee and milk). Reset the machine with the ON-OFF key.
<b>Coffee group</b>	the group motor can not reach the right position within 10 sec.: check the group. Reset the machine with the ON-OFF key.
<b>Water missing</b>	it appears only at the end of the brewing: check that the water mains tap is open and the inlet pipe not obstructed. This alarm disappears automatically when water comes in.
<b>Empty waste</b>	this alarm does not stop the delivery: it appears when the programmed number of coffee waste has been reached. Lift the spout housing, take out the waste drawer and empty it. Replace it in its original location.
<b>Open Drawer</b>	this alarm stops the machine: the drawer is not in its right position: lift the spout housing and insert the drawer, the alarm will automatically disappear
<b>Coffee Missing</b>	it appears only at the end of the brewing: the coffee counter has reached the zero. It will automatically disappear by programming a value different from zero for the related option.
<b>No Water Filling</b>	this alarm appears when the right water level in the steam boiler is not reached within 60": check that the relevant option is enabled and reset with ON-OFF key.
<b>Regeneration</b>	this alarm is displayed if enabled in programming mode and when the softener needs to be recharged reset by pushing P1 and P2 keys together. Always remember to read carefully the manufactures instructions related to the softener.

**Another type of alarms is displayed when the related component fails or the circuit is overloaded.**

Perform the necessary operations and then reset the machine with ON-OFF key.

Displayed message: **OMNIFET XX**, where XX indicates the following:

OMNIFET 0: water solenoid for american coffee

OMNIFET 1: not used

OMNIFET 2: steam solenoid

OMNIFET 3: steam boiler water filling solenoid

OMNIFET 4: coffee solenoid

OMNIFET 5: steam milk 1 solenoid

OMNIFET 6: hot water solenoid

OMNIFET 7: enabling token validator

OMNIFET 13: steam milk 2 solenoid

OMNIFET 14: spare 1

OMNIFET 15: spare 2

OMNIFET PUMP: pump

## ■ DISMANTLING

- Taking the machine out of use must be done by authorised staff. The pressure of the water circuit must be fully lowered, the power cord disconnected and any substances potentially harmful to the environment must be disposed of legally and properly.
- Keep the machine out of the reach of children or unqualified persons.
- If the machine is to be disposed as waste, it must be taken to a centre authorised for recycling electrical and electronic equipment (\*). This is to protect the environment and humans from any possible harm. For more information about recycling please contact the offices of the municipality concerned, the domestic waste disposal service or the retailer.
- Do not dispose of the material in the environment.



(\*)

As per art. 13 Legislative Decree 25 July, no.151 "Implementation of the Directives 2002/95/EC, 2002/96/EC and 2003/108/EC, on the restriction of the use of certain hazardous substances in electrical and electronic equipment and on waste electrical and electronic equipment"

The crossed out garbage-bin symbol found on the equipment or on its package specifies that the product, at the end of its working life, must be separated from other waste.

The proper differentiated collection for subsequent recycling of the equipment, its treatment and environmentally compatible disposal helps prevent potential negative effects on the environment and on health and promotes re-usage and/or recycling of the materials forming part of the equipment.

Illicit disposal of the product by the possessor is subject to administrative fines as laid down in the regulations in force.