

Avanti Parma



OPERATING INSTRUCTIONS



Label data:

- 1 Manufacturer
- 2 Model
- 3 Voltage
- 4 electric frequency
- 5 Serial number
- 6 Year of manufacture
- 7 Machine total power
- 8 Conformity marks

INTRODUCTION

Keep this manual in a safe place, for any further information not completely given, please contact your retailer or our offices.

1. SYMBOLS

The warning triangle refers to all the important explanations for personal safety. Pay attention to these warnings to prevent accidents!



2

The numeric symbols or letters refers to images or parts of the machine like switches, lights etc.

The manufacturer should not be considered responsible for any damages caused by:

- Uses not in conformity to foreseen purposes;
- Alteration of the supply cable;
- Alteration of any of the components of the machine;
- Use of not original components or accessories;
- Repairs made by non-authorized service centres;



This products complies with the RAEE Directive (2002/96/CE) marking requirements. The label implies that this electric or electronic product should not be discarded among domestic waste. PRODUCT CATEGORY: in reference to the equipments listed in the Attachment 1 of the RAEE Directive, this product is part of the category 2 "small electric household appliances".

DO NOT DISCARD IN AMONG DOMESTIC WASTE.

The non-observance of the above-mentioned points leads to the forfeiture of the warranty.



2. WARNINGS

- Packing elements (plastic bags, expanded polystyrene, nails, boxes, etc...) must not be left within the reach of children, as they are potential source of danger.
- Check that the data on the machine corresponds to those of the electrical supply network, before connecting the equipment.
- It is advisable to unwind the supply cable for the whole length to avoid twisting or damages. Do not place it within the reach of children, near water, liquids or heating sources. The cable must not be damaged (should the cable be damaged, contact qualified personnel to replace it).
- It is unadvisable to use adapters, multiple sockets and/or extensions. When their use is indispensable, only products with certificate of quality (like IMQ, VDE, +s, etc...) should be used. Check that the voltage capacity limit indicated on the adapters exceeds the absorption capacity ($A = \text{Ampere}$) of the equipment.
- When in doubt, request an accurate check of the connections by qualified personnel. The wiring system must comply with the following safety regulations::
 - efficient grounding;
 - section of conductors suitable for adsorption capacity;
 - efficient earth leakage protection circuit breaker;
- Place the machine on a water-repellent surface (laminated, steel, ceramics etc...) far from heat sources (oven, cooking stove, fireplaces etc...) and in places where the temperature do not go below $+5^{\circ}\text{C}$.
- Do not leave the machine exposed to atmospheric agents and do not install in damp rooms such as bathrooms.
- In case of parts replacement, request original spare from an authorized retailer or dealer.
- Keep the packed machine in a dry place, not exposed to atmospheric agents and in places where the temperature do not go below $+5^{\circ}\text{C}$.

Do not stack more than four items of the same kind. Do not place heavy items on the packaging.

Erroneous installation may cause damage to people and things for which the manufacturer cannot be considered responsible.



3. DESCRIPTION

3.1 Features

The machine is composed by a central boiler to obtain espresso coffee and steam/hot water.
The body is made up of a supporting structure in stainless-steel.

3.2 Security

The water boiler is equipped with a spring mechanical valve for over-pressures adjusted at 12 bar, and a thermal protection that interrupts the heating in case of damage.

The electro-magnetic pump is equipped with a thermal protection with automatic restart for protection in case of over-heating.

All the heating elements under electric voltage are inside the machine.

3.3 Vibrations

The machine is supplied with rubber vibration-suppressing feet. In normal working conditions, the machine do not produce vibrations harmful to the operator and/or the environment.

4. TECHNICAL FEATURES

Dimension	cm. L 25 x H 38 x P 28,5		
Electric data			
Voltage supply		Power	Electricity
110-120 V / 50-60 Hz		1280 W	12 A
220-230 V / 50-60 Hz		1280 W	6 A
Water tank capacity		1,8 Lt	
Working place temperature		+5° +45° C	

5. KEY (fig.2)

- 1 Main power switch (ON/OFF)
- 2 Coffee delivery switch
- 3 Hot water delivery switch/ boiler filling
- 4 Steam delivery switch
- 5 Switching on warning light
- 6 Heating warning light
- 7 Boiler loading warning light
- 8 Anti-burnt hot water/steam wand
- 9 Hot water/steam knob
- 10 Water tank
- 11 Thermostat
- 12 Coffee dispensing unit
- 13 Filter holder
- 14 Drip tray
- 15 Cup grill
- 16 2 cup filter
- 17 1 cup filter
- 18 Measuring spoon/tamper
- 19 Blind filter

6. INTENDED USE

The machine has been designed and manufactured to obtain espresso coffee and other hot beverage (the, cappuccino, etc.,)

Any other use is to be considered inappropriate and therefore dangerous.

The user must always follow the indications container in this manual.

If the machine is not working properly, switch it off and do not attempt any direct repair. For service contact the authorized retailer

The user must not:

- Touch the hot surfaces of the machine with his hands, but use only proper the controls;
- Transport the machine or carry out maintenance operations with the plug connected and when the machine is warm;
- unplug the machine pulling the supply cable;
- use the machine if the supply cable is damaged;
- touch the machine with wet or damp hands or feet;
- Overturn or place the machine and the packaging on one side.
- wash the machine with water or vapour jet;
- Dip the machine in water or any other liquid;
- Use the machine when there are children in proximity;
- Allow the machine to be used by children or incapable persons;
- Place containers with liquids on the machine.



It is forbidden to install or use the machine if it is wet or damp.

It is always necessary to request an accurate check by qualified personnel in order to find any possible damages to the electric components.



Use contraindication

This machine must be used only for the purposes for which it was designed and not to grind or dispense products other than coffee or any non-food products.

7. TRASPORTO

7.1. Packaging

The machine must always be transported in the correct position following the instructions printed on the cardboard box.

Do not turn over the machine or lay it down on its side.

The box also contains separate accessories and technical documentation which must be saved for further consultation

- Open the top part of the packaging, remove the accessories and then remove the machine from its packaging.
- Check if the machine, the accessories, the electrical cable and the plug are in perfect condition. Should one of these parts be damaged, immediately contact the retailer.



The packaging elements (plastic bags, expanded polystyrene, nails, cardboard, etc...) must not be left within the reach of children as they are potential sources of danger.

Do not waste the packaging elements in the environment, consign them to companies authorised for their disposal.

8. INSTALLATION

The machine is delivered ready to be installed in accordance to the label data.

Ensure that the electrical supply system has the same features as the machine.

The electrical supply system must be equipped with a GFI (ground-fault interrupt) or a general automatic switch with an efficient grounding system. Should there be no electrical protection element, have a bipolar magnetic-thermal switch installed by qualified personnel, as outlined by the current safety regulations.



The grounding of the appliance is mandatory.

The manufacturer declines any responsibility in the event of failure to respect the accident prevention norms.

Take care not to damage the supply cable by placing undue weight upon it.

Do not disconnect the machine by pulling the cable, instead by gripping the plug.

In order to prevent problems relating to operation, supply and maintenance, the machine must not be placed in any recesses or similar difficult positions.

- The machine must be placed on a completely level surface, that is both dry and stable and at a height of 80 cm from the ground;
- Place the machine and connect the plug to the power outlet.

8.1. Control description

1. Main power switch

Pressing this switch, the machine is powered, the warning light 5 is on, and the water-boiler is being heated, warning light 6 is on.

2. Coffee delivery switch

Pressing this switch, coffee is delivered.

3. Hot water delivery switch / boiler filling;

Pressing this switch, with the steam knob open, the machine is ready to deliver hot water, the orange warning light 7 is on.

4. Steam delivery switch.

Pressing this switch, the machine is ready to deliver steam.

5. Hot water / steam delivery knob

When the switch 4 is engaged, turning the knob, steam comes out of the wand.

When the switch 3 is engaged, turning the knob, hot water comes out of the wand.

Note: Switches 3 and 4 must be used separately (water cannot be taken at the same time as steam and the other way round).



6. Boiler resistance light:

This light comes on when the boiler water is being heated.

7. Boiler filling warning light / hot water delivery

9. STARTING UP

9.1 Filling

To do the first time to fill the boiler (always switch the machine off):

- Fill the water tank (use drinking water, softened if possible).

To do the first time or after a long period of inactivity of the machine and when the water tank is empty:

- The machine has a resin descaling filter, before switching the machine on, leave the filter in the water and let the resin soak.
- Put the tank in the machine. Take care that the rubber cable is not bent
- Detach the filter holder, open the steam knob, press at the same time both the general switch 1 and the hot water delivery switch.
- When the water comes out of the steam wand, close the knob and let water come out of the group for some seconds, then release the water delivery switch. If after 30 seconds water does not come out, do the above-mentioned steps another time.
- Insert the filter holder 13 and wait until the machine heats up and reaches the correct temperature.

9.2 Machine heating

- Ensure you have water in the tank.
- Press the switch 1 (light 5 on)
- Wait until the machine reaches working temperature (when warning light 6 is off)



Using the machine for the first time, let 0,5 lt of water come out of the group in order to clean up the group.

9.3 Coffee delivery

- Detach the filter holder from its slot by turning it in a clockwise direction
- Fill the filter with either one or two measurements of coffee (depending on the filter used) using the measuring device
- Press coffee with the tamper.
- Re-connect and tighten the filter holder in its slot by turning it in a counter-clockwise direction.

- Put the cups under the exit outlets of the filter holder.
- Press the coffee delivery switch 2; delivery will begin after a few seconds. When the required amount of coffee is obtained, turn the switch off.



Check frequently the water level in the tank 10 in order to avoid causing the pump to pull in air during coffee delivery (which is noisy)

If this should happen, immediately switch off the coffee delivery switch, fill the water tank and repeat the starting up operations.

It is recommended to pay attention to the hot parts of the machine, especially the delivery group and the steam wand.

Never put your hands under the group or under the steam wand while the machine is working.

9.4 Steam delivery

- Press the steam switch 4, wait a few seconds and then let the condensed water come out from the wand 8 opening the knob 9. Close the wand 8 again.
- Wait about 30 seconds, when the warning light 6 is off the machine is ready, then immerse the steam wand 8 in the liquid to be heated (water, punch, etc...) and open the knob 9; the steam will heat the liquid until the requested temperature.



Never deliver steam longer than 4-5 minutes without filling the boiler water

- Once the heating of the liquid is complete, discharge a little steam to clean up the holes of the wand
- Turn off the steam switch 4 and clean the steam wand with a damp cloth.
- Fill up the water in the tank

9.5 Cappuccio

To obtain a cappuccino with foamy cream, follow the steps below:

- Use a high and narrow container and fill about an half of it with milk
- immerse about half of the steam wand 8 in the liquid, open the steam knob 9 and heat the milk to the desired temperature.
- Close the knob 9 again, and pour the foamy milk in the coffee cup.
- Fill up the water in the boiler

9.6 Hot water delivery

- Put a container under the steam wand 8.
- Open the steam knob 9 opening the wand and discharging the possible steam in boiler.
- Press water delivery switch 3 and take the desired amount of water.
- Close the knob 9 and release the switch 3.

9.7 Refilling water in the boiler

- Check that switches 2 and 4 are off;
- Open the knob 9, press the switch 3 and wait until water comes out of the wand 8;
- Turn the switch 3 off.
- In case of danger immediately turn off all the switches including main power and unplug the machine from the power source

9.9 Thermopid

See point 13

10. MAINTENANCE



All maintenance operations must be carried out with the machine off and cold and with the power plug disconnected.

Use a damp cloth or sponge for cleaning. Do not use any metallic or abrasive materials for cleaning (such as scourers, metal brushes, needles or detergents)

10.1. Daily

- Clean the body, the steam wand 8, the shower-head and the o-ring under the group.
- Check and clean the drip tray.
- Clean filter and filter holder with hot water and a cloth or sponge.

10.2. Periodic or after intensive use of the machine

Do this operations added to the daily ones:

- Immerse the filters 16/17 and the filter holder 13 in hot water for a few minute to allow the coffee grease to dissolve, then remove using a sponge or a cloth.



Carefully follow the instructions on the cleaning products' packaging. For information concerning the choice of the cleaning product, contact the retailer.

- Clean water tank 10, carefully immerse the water-delivery pipe with the filter into the water tank until it touches the bottom of the tank.

10.3 Extraordinary maintenance

Along with the machine a blind filter is supplied in order to clean the group and the solenoid valve. This operation should be done at least once a week in order to remove coffee deposits from the circuit.

1. Remove the Filterholder 13 from the group 12.
2. Remove the filter from the Filterholder 12.
3. Put the blind filter into the Filterholder 13.
4. Connect the Filterholder 13 to the group 12.
5. Press for coffee brewing through the switch 2 for about 15 seconds, then stop the brewing.
6. Repeat 10-15 times in a row the operations described in point 5.

7. Remove the Filterholder and remove the blind filter.



During cleaning operations with the blind filter hot water is drained to the drain drawer 14; pay attention to hot water splashes that may come out of the grill.

Cleaning operations could be done also using degreasing products specific for coffee machines.

11. PLACING OUT OF SERVICE

11.1. Temporary

- Empty the water tank 10 and the drip-tray.
- Turn off all the switches and disconnect the power plug.
- Carry out the necessary maintenance operations.
- Replace the machine in a dry place, away from atmospheric agents and of exclusive access (avoid leaving it in the reach of minors or untrained persons).

11.2. Definitive

Do the following steps in addition to the temporarily placing out of service actions:

- cut the power cable,
- wrap the cardboard or other material around the machine and consign to the authorized personnel (authorized refuse disposal centre or used material collection centre)

12. POSSIBLE PROBLEMS



In case of damage to the power supply cable, contact an authorized service company for replacement as a special tool is required.

The scrap materials used for processing or maintenance should be placed in containers and sent to special

collection centres, unless they are biodegradable or non-polluting.

Operations to be carried out by the user after having disconnected the electrical supply:

A) The machine fails to start:

- check whether the plug is connected
- Check that the power is on and that the GFI (ground-fault interrupt) or the main switch is engaged.
- Check the condition of the plug and the power cable, should they be damaged have them replaced by authorized personnel.
- Check the fuses in the plug of the machine.

B) The machine fails to deliver coffee

- the water tank is empty; fill it.
- The boiler has not refilled after the delivery of steam.

C) The machine fails to deliver hot water

- the water tank is empty; fill it.
- The boiler has not refilled after the delivery of steam.
- clogged holes; clean the holes of the wand

D) Machine fails to deliver steam

- The boiler has not refilled after the delivery of steam
- clogged holes; clean the holes of the wand

E) Irregular coffee delivery:

- Clean the filter in the filter holder.
- Check that the grind is neither too fine nor too coarse



In case of problems not specified always detach the power cable, avoid undertaking any further diagnostic operations or direct repair, and contact the retailer or a qualified service company.