

INSTRUCTIONS AND MAINTENANCE MOD. ANDROMEDA MAX VAP mod. 2009

Read these instructions carefully before operating.
Don't use the machine differently from the following instructions.

1. SPECIFICATIONS

| | | |
|----------------------------------|--------------------------|--|
| MODEL: | ANDROMEDA MAX VAP 2009 | ANDROMEDA MAX VAP 2009 (maxi board) |
| POWER SUPPLY: | 400 V ~ + NEUTRAL / 50Hz | 400 V ~ + NEUTRAL / 50Hz |
| TOTAL INSTALLED POWER: | W 9140 | W 9640 |
| POWER OF IRON: | W 800 | W 800 |
| BOILER POWER: | W 6000 | W 6000 |
| BOARD POWER: | W 1100 | W 1600 |
| SUCTION/BLOWING POWER: | 0,5hp. + 0,5hp. | 0,5hp. + 0,5hp. |
| PUMP POWER: | 0,7 hp. | 0,7 hp. |
| BOILER CAPACITY: | 10 L. | 10 L. |
| IRONING ENDURANCE: | CONTINUOUS | CONTINUOUS |
| OPERATING STEAM PRESSURE: | 5 BAR | 5 BAR |
| WEIGHT: | KG. 112 | KG. 115 |
| OVERALL DIMENSIONS: | 59x160x94h. cm | 59x160x94h. cm |
| SLEEVE IRONING ARM (OPTION): | W 150 | W 150 |
| 2 nd IRON (OPTIONAL): | W 800 | W 800 |
| BRUSH (OPTIONAL): | W 500 | W 500 |

MADE IN ITALY

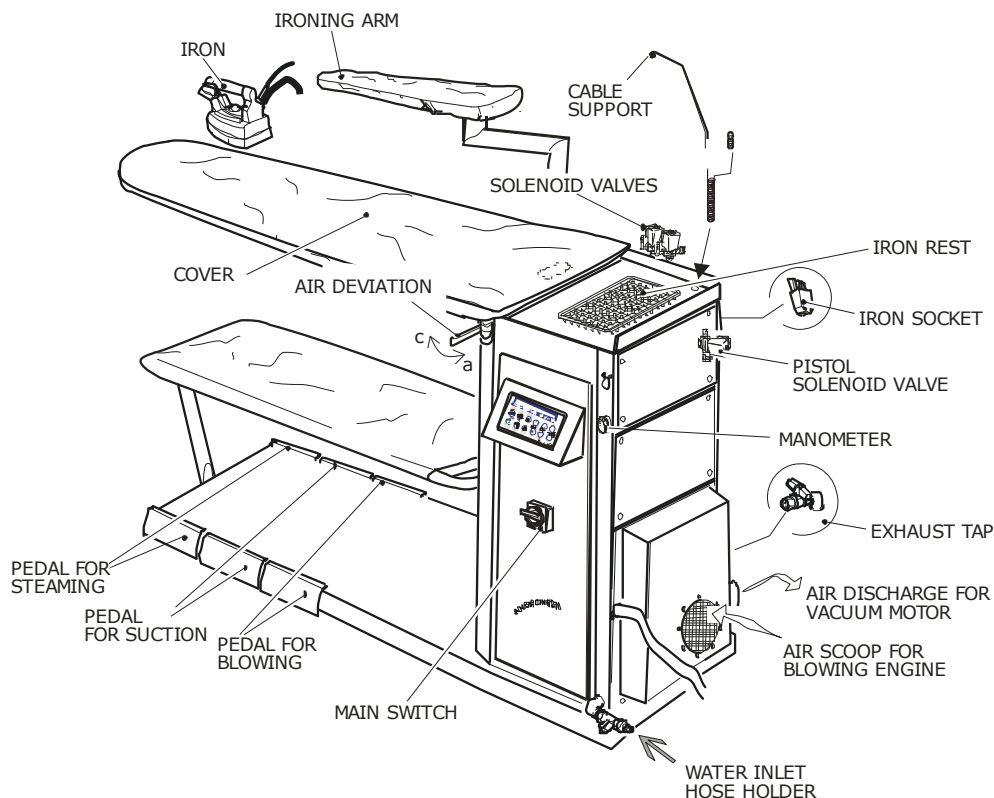


Fig. 1

2. IMPORTANT

Before installing ANDROMEDA MAX VAP it is necessary to set up the following facilities next to where it will be installed:

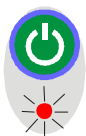
1. a water connection (tap with hose holder); ANDROMEDA MAX VAP will be connected to the tap with hose holder named "WATER INLET" (**fig. 1**) by means of a rubber hose which must have a pressure resistance of at least 10 ATM. (diameter of water inlet 8/13 mm) and which must be fixed tightly with 2 hose clamps. **N.B.:** before inserting the rubber hose into ANDROMEDA MAX VAP hose holder, you must exhaust a few litres of water in order to clean the conduit;
2. a protected electrical outlet suitable to ANDROMEDA MAX VAP power.

3. OPENING OF PACKAGE

1. Open the box containing ANDROMEDA MAX VAP from the upper side marked as ALTO, take out the instructions handbook and read it carefully.
2. Remove ANDROMEDA MAX VAP from the box, insert the cable support into the special hole, connect the iron plug and the steam hose, fix the iron cables to the cable support hook and place the iron on the iron rest (**fig. 1**).

4. "STANDARD" & "STAND-BY" MODE

By turning on the main switch, the machine is in "*stand-by*" mode (red led on). This mode allows access to the SET menu in order to set some functions (e.g.: language, periodical maintenance warnings etc. – see point 6):



Electronic card in **stand-by** mode. If maintenance should be required (filter cleaning, cover changing, ...) a warning will inform you which intervention is needed. The warning will disappear once the intervention has been done and the RESET key has been pressed (see point 9).

By pressing the start key, the machine is in "*standard*" mode. This allows to set the ironing functions (e.g.: speed of motors, temperature of ironing board, iron functioning etc.):



Start key. Electronic card in **standard** mode.

To temporarily turn off the machine you may press the start key: the machine will go into stand-by mode and the red led will turn on. However, the electronic card will continue to receive power from the mains supply.

At the end of each working day we suggest to always turn the machine off by using the main switch (fig. 1).

WARNING: the electronic card automatically performs a check of the software installed. If an error or fault is found the "safety" device blocks the electronic card and does not allow normal functioning. "SOFTWARE UPDATE NEEDED" will be displayed. Contact the Authorized Service Centre to update the software.

5. USE OF KEYS - STANDARD MODE


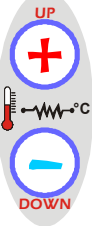

Verify that the electronic card is in "standard" mode.

| | |
|--|---|
| | <p>"Ironing board temperature" increase and decrease keys. Adjustable from 0° C to 90° C (or 120° C on steaming models). Upon pressing one of the keys, the temperature set by the operator will be displayed (IRONING BOARD TEMP. SETTING). If no key is not pressed after 5 seconds, the real temperature of the ironing board will be displayed (IRONING BOARD TEMPERATURE).</p> |
| | <p>"Vacuum speed" increase and decrease keys. Adjustable from position 0 (motor turned off) to position 5 (maximum speed). VACUUM SPEED will be displayed.</p> |
| | <p>"Blowing speed" increase and decrease keys. Adjustable from position 0 (motor turned off) to position 5 (maximum speed). BLOWING SPEED will be displayed.</p> |
| | <p>"Boiler" on/off key. When the boiler is functioning, the led is on.</p> |
| | <p>"Light" on/off key. (accessory available upon request). When the light is functioning, the led is on.</p> |
| | <p>"Steam pistol" or "steam brush" on/off keys. (accessory available upon request). When the pistol or brush are functioning, the led is on.</p> |
| | <p>"Iron 1 or 2" on/off keys. When the iron is functioning, the led is on.</p> |









6. USE OF KEYS - STAND-BY MODE

Verify that the electronic card is in "stand-by" mode

| | | |
|-------------------|--|--|
| <p>SET</p> | | <p>By pressing both keys simultaneously while the electronic card is in stand-by mode, it allows you to enter and exit the SET menu.</p> |
| <p>OK</p> | | <p>Key to confirm the choice made within the SET menu.</p> |

| | | |
|--------------------|---|--|
| ESC |  | Key to exit the current function. |
| UP DOWN |  | Key to scroll up or down. |
| RESET |  | Key to reset warnings such as: filter cleaning, probe cleaning, cover changing and zeroing of partial hours. |

7. MEANING OF ICONS

| | |
|---|--|
|  | Indicates that the water inside the boiler is being heated in order to obtain the correct operating pressure. When this icon turns off it means that the boiler has reached the optimum pressure. |
|  | Indicates that the pump is pumping water into the boiler. |
|  | Indicates that the ironing board is being heated in order to reach the set temperature. When this icon turns off it means that the ironing board has reached the right temperature. |
|  | Indicates that the pump is blocked due to the fact that it has worked without water for a long time. Check that water comes out of the pipe connected to the water supply. Turn off the main switch, wait for 5 seconds and turn the machine on again. If the problem reoccurs, contact Authorized Service Centre. |
| SET | Indicates that the electronic card is in SET mode and data may be set (see SET & RESET) |
|  | Indicates a malfunctioning of the temperature probe of the ironing board. WARNING: A safety device will block the heating of the ironing board. Contact Authorized Service Centre. |
|  | Indicates that the maximum number of hours set for the replacement of the cover has been exceeded. Change the cover and reset the warning. (see SET & RESET) |
|  | Indicates that the maximum number of hours set for the cleaning of the water filter has been exceeded. Clean the water filter and reset the warning. (see SET & RESET) |
|  | Indicates that the maximum number of hours set for the general maintenance of the machine has been exceeded. Contact the manufacturer or Authorized Service Centre for this intervention. |



Indicates that the maximum number of hours set for the cleaning of the boiler's probe has been exceeded. Clean the probe and reset the warning (see SET & RESET)



Indicates an anomalous overheating of the boiler. WARNING: A safety device will block the heating of the water inside the boiler. Turn off the main switch and wait for half an hour. If the problem reoccurs, contact Authorized Service Centre.

8. CONNECTION AND STARTING


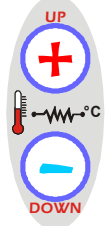




1. Connect the rubber hose to the hose holder indicated as WATER INLET placed on ANDROMEDA MAX VAP (**fig. 1**) and turn the water tap on. For ANDROMEDA MAX VAP equipped with water tank, you just have to fill it and connect the machine to the mains supply. **N.B.: make sure there is always water inside the water tank.**
2. Connect the power supply cable to a protected outlet with earth protector switch, with observance of the law in force and a voltage suitable to ANDROMEDA MAX VAP.
3. Turn on the main switch and set the electronic card in "standard" mode. Select which functions are to be activated and which to be deactivated (iron, boiler etc.). If the main switch is turned off, the functions previously set will be memorized so that they will automatically be activated once the machine is switched on again. N.B. the blowing and vacuum speeds are never memorized and start from maximum speed every time the electronic card is switched on.
4. Adjust the heating of the ironing board by setting it on the desired temperature. When using the steaming pedal, it is suggested to set the heating of the ironing board on maximum temperature (see chapter 5).
5. Check that the boiler has reached the ideal pressure for ironing (led of boiler icon must be turned off and the manometer must be 5 Bar – **fig. 1**). Seize the iron by the cork handle and press the micro-switch 3 or 4 times (**fig. 4**), so that steam comes out: this operation must be carried out in order to heat up the hoses which take steam to the iron. In this way you prevent also the falling of small drops of water on garments (iron must always be held in such a way as not to harm operator, that is with iron always pointed downwards).
6. To adjust the steam flux you must work on the steam adjustment tap placed on the solenoid valve (**fig. 1: solenoid valve**).
7. After this, ANDROMEDA MAX VAP is ready for use.

9. SET & RESET




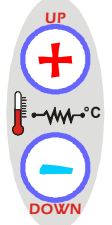




To gain access to the SET menu, the electronic card must be in "stand-by" mode. Press both keys simultaneously as shown on the left. To exit the SET mode, press both keys simultaneously or wait for 5 seconds

SET menu:

| | | | | | |
|---------------|---|---|-----------------|---|--|
| HOURS OF WORK |  |  | TOTAL HOURS : |    | To exit  |
| | | | PARTIAL HOURS : | | |

TOTAL HOURS: computation of the total hours the machine has worked for. This data cannot be zeroed.

PARTIAL HOURS: computation of the hours the machine has worked for since last zeroing. This data can be zeroed (see table)

| | | | | | |
|-------------------|---|---|--------|---|--|
| RESET OF WARNINGS |  |  | FILTER |    | To exit  |
| | | | COVER | | |
| | | | PROBE | | |

Reset is necessary in order to delete the warnings from the display once maintenance has been done.


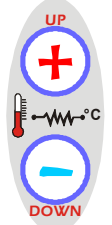


Example: WARNING: PROBE CLEANING NEEDED is displayed.

1. Gain access to SET
2. find RESET WARNINGS, press OK and find PROBE.
3. press OK, RESET and then OK.
4. ESC to exit the SET menu.

N.B. the warnings may be reset only if the are shown on the display.

| | |
|--------------|--|
| MAINTENANCE | Password needed. Service Centre authorized access only |
| MANUFACTURER | Password needed. Manufacturer authorized access only. |

WARNING: AFTER 10 ATTEMPTS TO ACCESS THE "MAINTENANCE" OR "MANUFACTURER" MENU WITHOUT TYPING IN THE PASSWORD OR EVERY TIME THE WRONG PASSWORD IS TYPED, THE SET MENU WILL BE BLOCKED. "PASSWORD INSERTION BLOCKED" will be displayed. To unblock the set menu, contact the Authorized Service Centre.

| | | | | | |
|----------|---|---|------------|---|--|
| LANGUAGE |  |  | ITALIAN |  | To exit  |
| | | | ENGLISH | | |
| | | | GERMAN | | |
| | | | FRENCH | | |
| | | | SPANISH | | |
| | | | PORTUGUESE | | |
| | | | POLISH | | |
| | | | RUSSIAN | | |

This menu allows the setting of the language. See table.

10. SUBSTITUTION OF FUSES

Substitution of fuses is required when a short circuit or an overload occurs. Checking of the fuses is the first thing to be done in case a warning should be displayed.

WARNING!: before replacing the fuse it is important to eliminate the cause which determined its breakage.

To gain access to the fuses the main switch must be on pos. "0" and the four screws are to be unscrewed from the panel. The positioning of the fuses is indicated in **Fig. 2**. In order to replace a fuse, unscrew it by using a screwdriver and being careful to exert only a slight pressure. N.B.: **SUBSTITUTE FUSES WITH INTERCHANGEABLE ONES AND WITH THE SAME PERFORMANCE.**

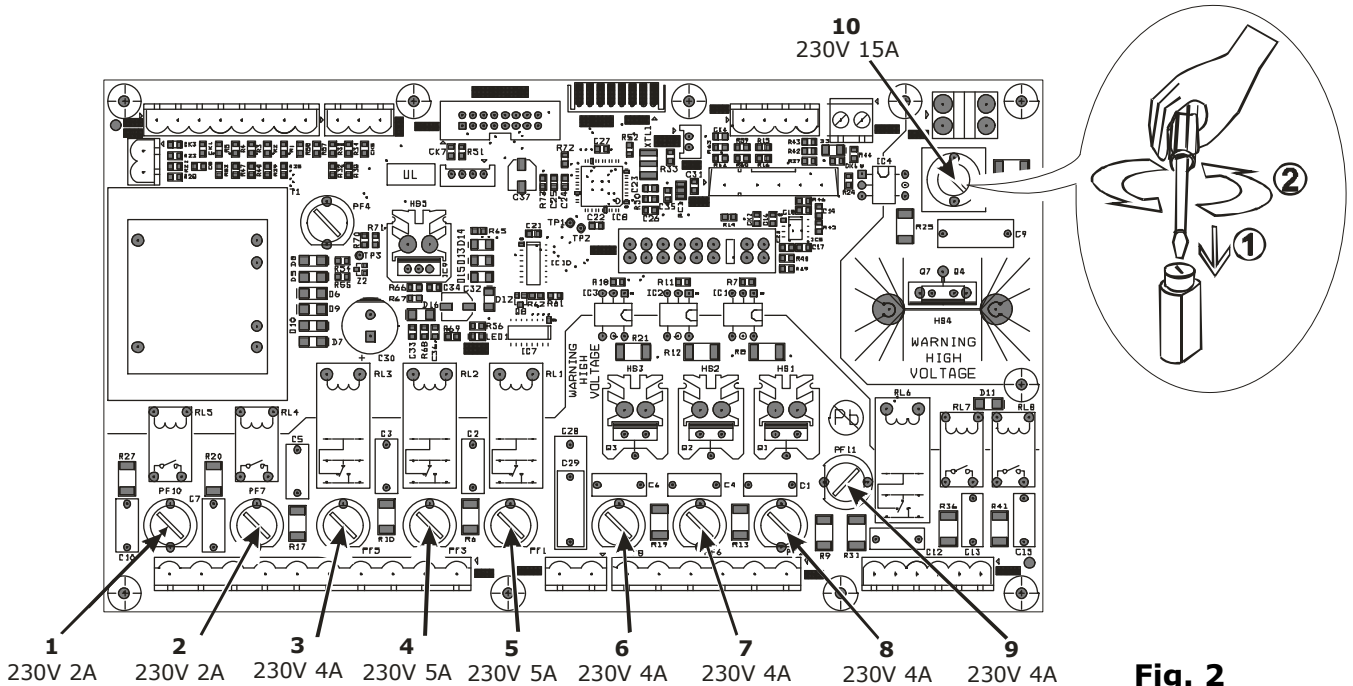
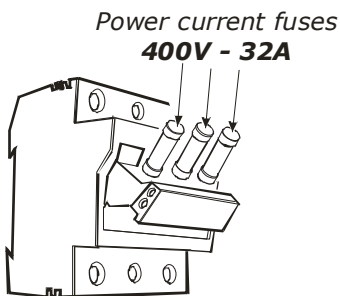


Fig. 2

- | | | |
|----------------------|-----------------|----------------------|
| 1. Arm | 2. Contactor | 3. Pistol |
| 4. Iron 2 | 5. Iron 1 | 6. Pump |
| 7. Blowing motor | 8. Vacuum motor | 9. Light, steam, aux |
| 10. Board resistance | | |

11. SUBSTITUTION OF POWER CURRENT FUSES



The power current fuses protect the whole machine and are situated near the electronic card. If the fuses of the electronic card have been checked and are not damaged, check the power current fuses and replace them if necessary.

To gain access to the fuses the main switch must be on pos. "0" and the four screws are to be unscrewed from the panel.

N.B.: **SUBSTITUTE FUSES WITH INTERCHANGEABLE ONES AND WITH THE SAME PERFORMANCE.**

12. COMPULSORY

1. Use only tap water.
2. Never add additives to water.
3. Empty the boiler once a week, making sure that boiler pressure is not over 0,5 BAR (**fig. 1: manometer**). To carry out this operation, turn the exhaust tap slowly: we advise you to wear gauntlets against possible burns. **N.B. Carry out this operation only when the boiler is cold and the plug is disconnected from the mains.**
4. Never leave hot iron on ANDROMEDA MAX VAP ironing board.
5. Connect ANDROMEDA to a suitable and protected outlet.
6. After ironing is over, switch ANDROMEDA MAX VAP off and turn the water tap off; always remember to turn the water tap on before switching on the machine again (only for ANDROMEDA MAX VAP connected to the aqueduct).
7. Always keep children away from ANDROMEDA MAX VAP, both when it is on and off.
8. Make sure that during cold season the tubes connecting ANDROMEDA MAX VAP to the water supply do not freeze.
9. If the machine is not used for a long period of time, turn it off by using the main switch.



13. IRONING

1. Run the iron on the garments, pressing the micro-switch (**fig. 4**) at regular intervals and at the same time pressing the pedal for vacuum (**fig. 1**). In order to dry the garments, we suggest to keep the foot on the pedal for vacuum a bit longer.
2. For delicate, black and blue garments, we suggest to use an anti-sheen shoe.
3. During ironing operation, always put the iron on its iron rest and pay attention to the position of the cables: if they twine or get in touch with the ironing board, they might cause short circuits.
4. For dry ironing it is possible to adjust the thermostat (**fig. 3**) on different positions according to the type of fabric (check garment label).
5. For steam ironing you should adjust the thermostat on "cotton" position (**fig. 3**) (suitable for all types of fabrics).
6. ANDROMEDA MAX VAP is equipped with a pedal for steaming on ironing board (fig.1). This pedal is needed to provide steam to the ironing board and is used mainly for knitwear. Once the pedal for steaming has been pressed, immediately use the pedal for vacuum to dry the humid garment. A pedal for blowing is also available for those garments which require blowing. **N.B.** If steaming is used very often, some water may come out of the air outlet of the motor. It is therefore necessary to connect it to an air outlet pipe. N.B. Upon steaming, set the temperature of the ironing board at 120°C.
7. ANDROMEDA MAX VAP is equipped with an air deviation (fig. 1) which may be closed, thus increasing the vacuum power on the sleeve ironing arm.

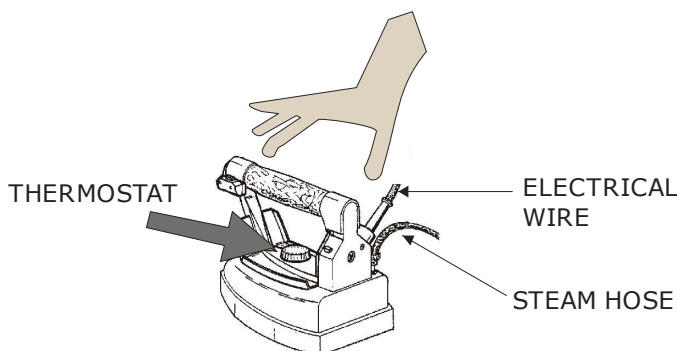


Fig. 3

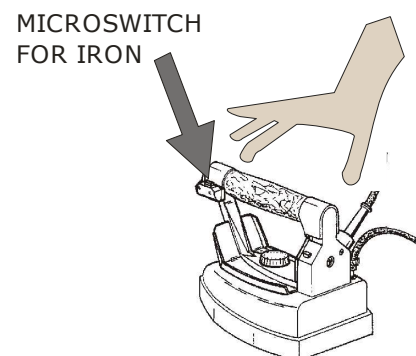


Fig. 4

14. ELECTRICAL RISKS

The following situations are considered dangerous for the operator:

1. damage of iron cables (**fig. 3**),
2. loss of water from iron (**fig. 4**),
3. loss of water from external of solenoid valve (**fig. 1**),
4. iron overheating,
5. earth protector switch is activated upon turning on the main switch,
6. using ANDROMEDA MAX VAP during thunderstorms,
7. using ANDROMEDA MAX VAP without proper protection for feet (without shoes) or with wet feet,
8. cleaning or washing the iron using water (**fig. 4**),
9. loss of water from ANDROMEDA MAX VAP base (**fig. 1**),
10. loss of steam from inner part of ANDROMEDA MAX VAP.

15. MECHANICAL RISKS

The following situations are considered dangerous for the operator:

1. using ANDROMEDA MAX VAP for different purposes other than ironing;
2. using ANDROMEDA MAX VAP without turning the water tap on or when the aqueduct cannot supply water;
3. using ANDROMEDA MAX VAP while the pump is activated but no water enters the boiler because of limestone obstruction;
4. using ANDROMEDA MAX VAP when the boiler pressure is too high and the internal safety valve is activated. Pressure can be visibly controlled thanks to the manometer.

16. THERMAL RISKS

The following situations are considered dangerous for the operator:

1. touching the iron base when it is functioning,
2. emptying the boiler when under pressure,
3. leaving garments on heated ironing board: they might be damaged or even burnt.



- ❖ **Do not iron garments directly on persons.**
- ❖ **Do not leave hot iron on garments.**
- ❖ **After use, always store away the iron on proper iron rest.**

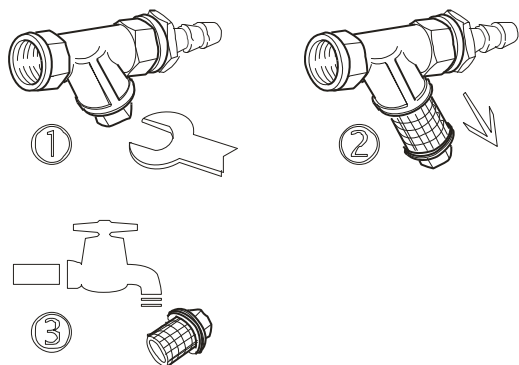
17. INTERVENTIONS AND SMALL REPAIRS

The following procedures may be carried out by an Authorized Service Centre or by the customer (boiler MUST be cold and plug MUST be disconnected from the mains):

1. replacement of the cover every 700 hrs. (the respective icon will appear on the display). **N.B.:** the cover can be washed;
2. replacement of the iron (**fig. 1**);
3. replacement of the coil of the solenoid valve (**fig. 1 solenoid-valve**);
4. replacement of the steam hose (**fig. 4**);
5. cleaning of the water inlet filter (the respective icon will appear on the display). See "cleaning of water filter";
6. cleaning of the boiler probe;
7. cleaning of motor (do as follows):
 - switch the current off;
 - open the rear panel;
 - clean the inside with compressed air;
8. the ANDROMEDA MAX VAP was designed to work maximum 8 hrs. per day, 5 days a week. In these conditions the machine is expected to function for 7 years.

18. CLEANING OF WATER FILTER

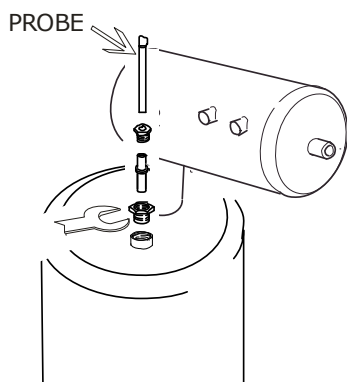
The cleaning of the filter is to be done whenever the warning is displayed. If the water is full of impurities, cleaning should be done more often.



To clean the water filter:

1. turn off the main water supply tap;
2. unscrew the filter plug by using a wrench as shown on the left;
3. take out the filter;
4. by using running water, clean the filter in order to eliminate all impurities;
5. re-assemble the filter, fix with the wrench and turn on the main water supply tap, checking at the same time that there are no leakages.

19. CLEANING OF THE BOILER PROBE




To clean the probe of the boiler, do as follows:

1. open the rear panel of the machine;
2. find the boiler and the probe;
3. unscrew the probe by using a wrench and take it out;
4. clean the probe with fine grain scrubbing paper in order to eliminate all encrustation;
5. re-assemble the probe and check that there are no leakages when the boiler is under pressure.

20. COMPULSORY PERIODICAL MAINTENANCE

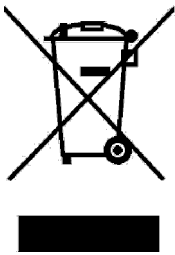
(TO BE CARRIED OUT EXCLUSIVELY BY AUTHORIZED SERVICE CENTRES, QUALIFIED TECHNICIANS OR BY THE MANUFACTURER.)

Compulsory maintenance is signalled by the icon . Contact **only** your reseller, Authorized Service Centres or the manufacturer in order to carry out the necessary maintenance. Once the check has been completed, the authorized personnel will reset the "general maintenance" icon which is shown on the display.

21. PACKING, STORAGE AND TRANSPORT

ANDROMEDA MAX VAP may be packed with cellophane, on a pallet or in a cardboard box which should never be turned upside down. As this is not a stiff package it is not shock-resistant and therefore the boxes should not be piled one on top of the other. We suggest you to handle the packed ironing board with utmost care and not to use it as a stool or support. (Handle with care).

22. DISPOSAL



ANDROMEDA MAX VAP is mainly made of iron material and must therefore be disposed of in proper warehouses for used iron recovery. The crossed rubbish bin symbol indicates that components of ANDROMEDA MAX VAP must be disposed of separately from other refuse. The correct disposal and recycling of the machine's components assures protection of the natural environment.

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**Every product manufactured by BATTISTELLA B.G. S.r.l. is subject to following limitations:**

- ❖ **Battistella B.G. S.r.l.** guarantees that this machine, correctly installed and used, works according to what written in this instruction handbook. Each implicit warranty is limited by law as from purchase date.
- ❖ **Declination of responsibility for consequential damages: Battistella B.G. S.r.l.** will never take the responsibility for any damage (included, without any limitation, consequential damages due to loss or no profit, cutback or any other economical loss) deriving from the use of a BATTISTELLA machine, even in case the Company had been previously informed of such kind of possibility.

Should you need **further information** about this handbook, please contact **Battistella B.G. S.r.l.** or the person who sold you the machine.  
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