

INSTRUCTIONS AND MAINTENANCE

Alba Steam System 5



Albatross USA Inc.

www.albachem.com

36-41 36th Street, P.O. Box 6446 • Long Island City, New York 11106
Tel: 718-392-6272 / 800-233-4468 • Fax: 718-392-2899

sales@albachem.com



DECLARATION OF CONFORMITY No.

CE ETL EAC

This declaration refers to:

Name of the manufacturer: **ROTONDI GROUP SRL**

Manufacturer's address: **VIA FRATELLI ROSSELLI 14/16 – 20019 SETTIMO MILANESE**

Description of the material: **STEAM GENERATOR WITH STEAM GUN**

Model and Type: **AlbaSteam 5**

Serial number:

Client:

User:

Order:

Year of manufacture:

The **ROTONDI GROUP s.r.l.** this signatory , declares under its own responsibility that the machinery covered by this declaration is complies with the requirements of the applicable EC directives:

- LVD Low voltage directive: 2014/35/EU
- EN 60335-2-3:2016 in conjunction with
- EN 60335-1:2012 +AC:2014 + A11:2014

and that is the technical construction file was drafted **MINI 5 rev. 2020 _ivi expected.**

Settimo Milanese, date of:

TECHNICAL MANAGER:
DAVIDE ROTONDI

INDEX

1. SPECIFICATIONS	PAGE.1
2. IMPORTANT	PAGE.1
3. OPENING OF PACKAGE	PAGE.2
4. CONNECTION AND STARTING	PAGE.2
5. COMPULSORY	PAGE.2
6. IRONING OPERATION	PAGE.3
7. STEAM GUN OPERATION	PAGE.4
8. WATER FILLING	PAGE.5
9. BOILER DISCHARGE	PAGE.5
10. GOOD FUNCTIONING	PAGE.5
11. INTERVENTIONS AND SMALL REPAIRS	PAGE.5
12. COMPULSORY PERIODICAL MAINTENANCE	PAGE.5
13. ELECTRICAL RISKS	PAGE.6
14. MECHANICAL RISKS	PAGE.6
15. THERMIC RISKS	PAGE.6
16. PACKING, STORAGE AND TRANSPORT	PAGE.6
17. WASTE	PAGE.7
18. GUARANTEE CONDITIONS	PAGE.7
19. REFERENCE TO NORMS	PAGE.8
20. REPORTS OF RESIDUAL RISKS	PAGE.8
21. SPARE PARTS STEAM GENERATOR	PAGES.9-11
22. SPARE PARTS IRON MOD. EC-100	PAGES.11-12
23. ELECTRIC DIAGRAM	PAGE.13

INSTRUCTIONS AND MAINTENANCE ALBA-STEAM 5



Read these directions carefully before operating.

Don't use the machine differently from the following description.

1. SPECIFICATIONS

MODEL:	Alba 5
POWER SUPPLY:	120 V / Hz 60
TOTAL INSTALLED POWER:	W 2500
IRON POWER:	W 800
BOILER POWER:	W 1700
BOILER CAPACITY:	L. 3,6
CONTINUOUS OPERATION TIME:	about 4-5 hours
OPERATING STEAM	2,8 BAR
MAXIMUM PRESSURE:	5 BAR
IP:	IP 32
WEIGHT:	KG. 17,5
OVERALL DIMENSIONS:	cm 25x29x89 h.
MADE IN ITALY	

2. IMPORTANT

Before installing Alba Steam 5, it is necessary to set up the following facilities:

1. electrical plug protected and suitable to Alba Steam 5 power (it is better to use an earth protector magnetothermic switch 16 A Id 30mA).
2. a steady and plane surface where to put the machine.
3. For the transport and the displacement, take the generator only by the handle, never pull its electric wires.

3. OPENING OF PACKAGE

1. Open the box containing Alba Steam 5, take the instruction manual and read it carefully.
2. Remove Alba Steam 5 from the box, insert the cable support deep into the special support holder (fig. 1) placed on the back side of the generator.
3. Fix steam gun to the support hook (avoid twining).



4. CONNECTION AND STARTING

With Alba 5 switched off and disconnected plug:

1. Unscrew the security valve plug (fig. 3), fill the boiler with water (fig. 3) till overflow or at pleasure. Take the plug by the plastic part and screw it again: do not tighten too much or its gasket might get spilt.
2. Insert the plug into a 120 V 16 A socket.
3. Switch on the boiler (fig. 2 A), the iron (fig. 2 B) and adjust the thermostat (fig. 5) on "cotton".
Wait for the boiler lamp to switch off (fig. 2 C). At this point seize the iron by cork handle and press red button 3 or 4 times (fig. 6), so that steam comes out: this operation must be carried out in order to heat up the tubes which take steam to the iron.
4. In this way you prevent also the falling of small drops of water on garments. To adjust steam flow, you must work on the hand-wheel for steam adjustment (fig. 3). During ironing operation, the boiler lamp switches on and off (fig. 2 C).

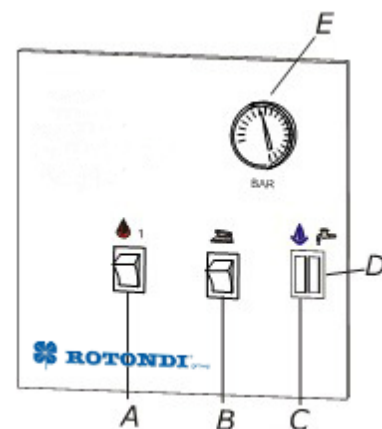


Fig. 2

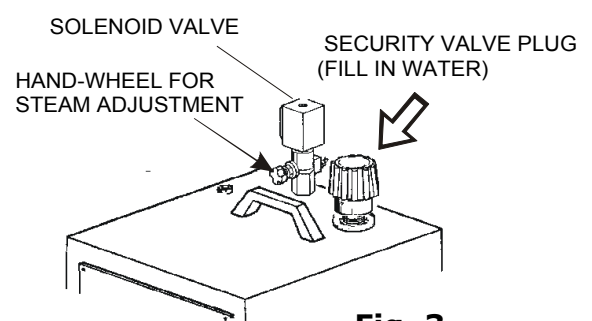


Fig. 3



5. COMPULSORY

1. Use only normal water coming from the aqueduct.
2. Never add additives to water.
3. Empty the boiler only when it is switched off and cold (with no pressure) less than 0,5 Bar (fig.2 E). For carrying out this operation, wear gloves against possible burns.



4. **Never replace the security valve plug (fig.3) with other types of plug. P.S. the security valve plug is set on 4,5 BAR and it has the function of a security valve.**
5. Connect Alba 5 to suitable protected socket.
6. Always keep children away from Alba 5, both when it is on and off.
7. Do not use directly on persons or things.
8. Do not empty the boiler during the operation, wait at least 1 hour after the switching off.
9. **ATTENTION:** don't move Alba 5 when switched on. You must move Alba 5 by the handle when is cold.

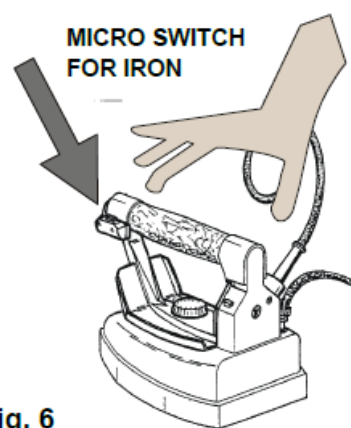
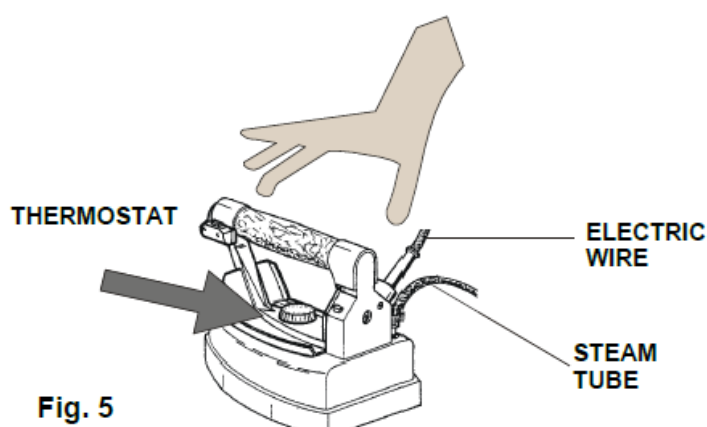


Fig. 4



6. IRONING OPERATION (Iron is Optional)

1. Run the iron on garments, pressing the iron microswitch (fig. 6) for steam. For a better result, set the thermostat (fig. 5) on "cotton".
2. For delicate, blue and black garments, we advise you to use the anti-shine shoe (3002002).
3. During ironing operation, always put the iron on its rubber rest (fig. 1) and pay attention to the position of the wires: if they twine or get in touch with ironing board, they might cause short circuits.
4. For dry ironing it is possible to adjust the thermostat (fig. 5) on different positions according to the type of fabric (look at garment label). For steam ironing set the thermostat on "cotton" or "linen".
5. If you work on a non-vacuum board, some circular water spots might form because of condensed steam. To get round this problem, put a felt under the usual padding and adjust the hand-wheel for steam regulation on minimum (fig. 3).



7. STEAM GUN OPERATION

1. Turn on both green buttons. Allow 10 minutes for boiler to reach 4.5 bar
2. To release steam , press red button for 2 seconds so steam is flowing evenly
3. For flushing chemicals from garments, hold spotting gun 5 inches above the garment and move spotting nozzle back and forth until chemicals are dissolved.
4. It is ideal to apply steam on a vacuum surface. If not available , dry quickly with compressed air.
5. For eliminating marks on garments from screen printing or embroidery frames , apply steam on affected area, holding spotting nozzle 5 inches above the garment, and move nozzle back and forth until mark is removed.
6. Applying steam on vacuum surface is ideal, if not available, dry quickly with compressed air.

8. WATER FILLING

During use, if steam flow decreases considerably and then ends definitely, it means that there is no more water in the boiler. So Alba 5 has to be switched off by disconnecting the plug; rotate the valve plug (fig. 3) of 360° and wait for steam to go out completely. Unscrew the valve plug with care and wait some minutes. Then fill the boiler with water (fig. 3). Screw the valve plug again, connect the plug and wait for the boiler lamp to switch off (fig. 2 C). Now the iron is ready again.

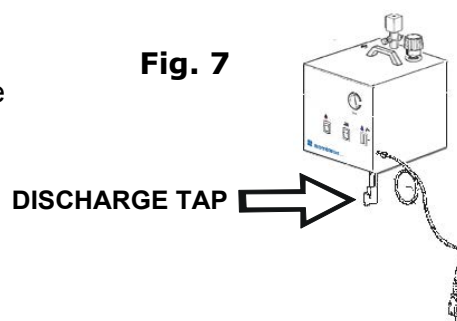
ATTENTION: Alba 5 must always be on horizontal position.

9. BOILER DISCHARGE

Carry out this operation when the machine is off and the plug disconnected: unscrew the valve plug and rotate Alba 5 rightwards so that water and possible impurities come out.



Fig. 7



10. GOOD FUNCTIONING

Alba 5 was designed for the ironing of domestic garments and tailor shop. It can be used maximum 20 hrs. per week or 80 hrs. per month (subdivided in many times).

11. INTERVENTIONS AND SMALL REPAIRS

1. Empty the boiler every 20 hrs. of ironing.
2. Replace the gasket of security valve plug (use only original gaskets) every 1200 hrs. of lighting or maximum 2 years. For carrying out this operation, the machine has to be switched off and cold.
3. Replace the security valve plug every 2500 hrs. of working or maximum 3 years (fig. 3). For carrying out this operation, the machine has to be switched off and cold.

12. COMPULSORY PERIODICAL MAINTENANCE

(To be carried out exclusively by Assistance Centres or by the Manufacturer) It is needed to replace:

1. the internal security valve every 1400 hrs. of use or maximum 3 years;
2. the internal thermostat every 1400 hrs. of use or maximum 3 years;
3. steam tube and steam gun cable once they seem sp  (fig. 3).

It is recommended also to clean the boiler from limestone every 1400 hrs. of use or maximum 3 years.

13. ELECTRICAL RISKS

The following situations are considered dangerous for the operator:

1. earth protector switch is activated when turning on the main switch,
2. using Alba 5 during thunderstorms,
3. when using Alba 5 without shoes or with improper shoes or with wet feet
4. damage of iron cables,
5. leaking of water from gun or iron,
6. iron or gun overheating
7. if washing or cleaning the iron with iron
8. when filling Alba 5 with water is switch on
9. if Alba 5 is leaking water



14. MECHANICAL RISKS

The following situations are considered dangerous for the operator:

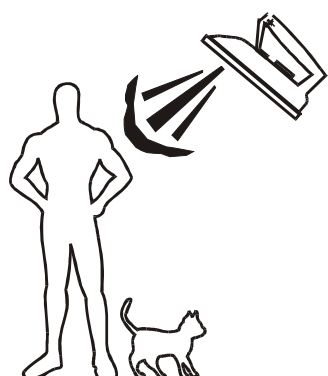
1. using Alba 5 for different purposes other than spotting or ironing,
2. replacing the valve plug gasket with non-original gaskets.



15. THERMIC RISKS

The following situations are considered dangerous for the operator:

1. touching steam gun nozzle or iron base when working,
2. touching the solenoid valve when the machine is under pressure
3. touching the valve plug when the machine is under pressure,
4. opening the valve plug when the machine is under pressure,
5. directing steam towards persons or animals.



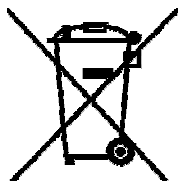
ATTENTION
: THERMIC
DANGER
INCANDESCENT
IRON BASE



- ☐ **Do not iron garments directly on persons.**
- ☐ **Do not leave hot iron on garments.**
- ☐ **After use, always put iron on its iron rest.**

16. PACKING, STORAGE AND TRANSPORT

Alba 5 can be packed with cellophane, on pallet or in cardboard box (never turn it upside down!). It is not a stiff package, therefore it is not shock-resistant. We advise you to handle the box with maximum care. Do not use it as stool or support. Alba 5 cannot be piled one on top of another (HANDLE WITH CARE).

17. WASTE

Information for the correct disposal in accordance with EC directives 2002/96/EC and 2003/108/EC.

The Alba 5 is mainly made of iron material and must therefore not be disposed of as urban waste but in proper waste collection centres. The crossed dustbin symbol indicates that the product must be disposed of separately from other refuse in order to avoid negative consequences for the environment and health.

PLS. follow your local laws about disposal.

18. GUARANTEE CONDITIONS

The manufacturer guarantee is no more valid when:

- the machine is tampered or repaired by non-authorized personnel, there
- is total or partial inobservance of this manual,
- the machine is badly maintained or wrongly assembled,
- the spare parts replaced are not original.

Every product manufactured by ROTONDI GROUP S.r.l. is subject to the following limitations:

ROTONDI GROUP S.r.l. guarantees that this machine, correctly installed and used, works accordingly to this manual of instructions. Each implicit guarantee is limited by law as from purchase date.

Declination of responsibility for consequential damages: **ROTONDI GROUP 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 ROTONDI GROUP machine, even in case the Company had been previously informed of such kind of possibility.

Should you need further information about this manual, please contact **ROTONDI GROUP S.r.l.** or the person who sold you the machine.

19. REFERENCE TO NORMS AND TERMINOLOGY EMPLOYED

Indications contained in the following documents were used in the compilation of the present manual:

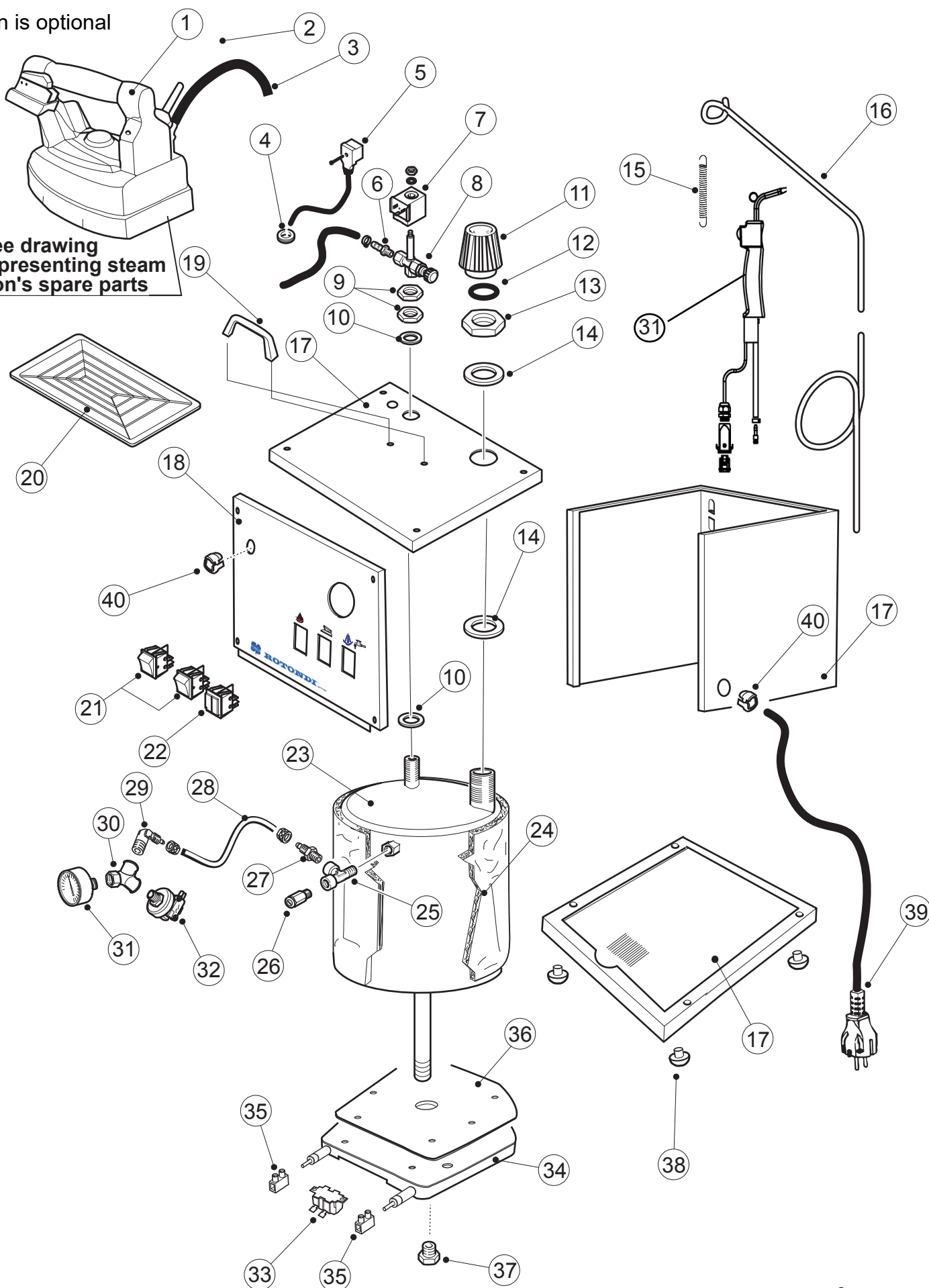
- LVD Low voltage directive: 2014/35/EU
- EN 60335-2-3:2016 in conjunction with
- EN 60335-1:2012 +AC:2014 + A11:2014

20. REPORTS OF RESIDUAL RISKS

DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
Obbligatorio leggere le istruzioni <i>It is obligatory to read the instruction</i>		Vietato spruzzare con acqua <i>Do not spray with water</i>	
Obbligatorio staccare la corrente <i>It is obligatory to disconnect the electricity</i>		Pericolo generico <i>Generic danger</i>	
Obbligatorio assicurarsi del collegamento a terra <i>Obligatory to make sure of the earth connection</i>		Pericolo: superficie calda - temperatura pericolosa <i>Danger: hot surface - dangerous temperature</i>	
Obbligo generico <i>Generic obligation</i>		Pericolo: elettricità <i>Danger: electrical current</i>	
Obbligatorio indossare i guanti protettivi <i>It is obligatory to wear protective gloves</i>		Pericolo: serbatoio in pressione <i>Danger: tank under pressure</i>	

Iron is optional

See drawing
representing steam
iron's spare parts



21. STEAM GENERATOR SPARE PARTS

POS.	Q.ty	DESCRIPTION	PART NUMBER
1	1	Iron (optional)	REC-100
2	1	Iron cable 4x1	3060004
3	1	Iron steam hose	3067012
4	1	Rubber cable holder	3067029
5	1	Connector	3067004
6	1	Fitting steam 1/4"	3067030
7	1	Coil	3067005
8	1	Body	3060013
7+8	1	Solenoid valve 1/4"	3067006
9	2	Nut 1/4"	3067031
10	2	Washer 1/4"	3067032
11	1	Safety cap 1/2"	3067057
12	1	Ring for cap 1/2"	3060006
13	1	Nut 1/2"	3067033
14	2	Washer 1/2"	3067034
15	1	Whip spring (optional)	3067035
16	1	Cable support	3067001
17	1	Shell	3067036/1
18	1	Front panel	3067036/1
19	1	Handle	3067037
20	1	Iron rest	3067010
21	3	Switch 16 A	3067018
22	1	Pilot light	3067099
23	1	Boiler	3067049
24	1	Boiler insulation	3067050
25	1	T - Fitting 1/8"	3067027
26	1	1/8 Safety valve 5 Bar	3067021
27	1	Fitting 1/8" Ø6 for tube	3067051
28	1	Teflon hose	3067052
29	1	Fitting curved 1/8"	3067053
30	1	Y - Fitting 1/8"	3067054
31	1	Alba Steam Gun w/plug	70-34

21. STEAM GENERATOR SPARE PARTS

POS.	Q.Ty	DESCRIPTION	PART NUMBER
31	1	Steam gauge 1/8"	3067055
32	1	1/8" Pressostat 2,8 Bar	3067028
33	1	165°C Thermostat + thermofuse 298° C	3067046
34	1	Element 1700 W	3067100
35	2	Terminal block	3067025
36	1	Element ring	3067022
37	2	Cap 1/4"	3067047
38	4	Rubber feet	3067048
39	1	Electric cable	3067039
40	2	Cable holder	3067014

22. (Optional) IRON SPARE PARTS MOD. EC-100

POS./CODE	DESCRIPTION
3033024	Spacer
3014002	Micro switch
3026208	Fitting 1/4"
3033032	Cable holder
3033041	Iron plate
3033042	Red micro cover
3060004	Cable 4 x 1
3060087	Cork handle
13033040	Thermostat + thermofuse
13033068	Knob
R202	Metal filter
R203	Filter stopper
3033082	Electric wires
R215	Cover
3060058	Handle support
3060093	Back handle cover
13033041	Front micro support
R243	Micro wire
*3014008	Micro switch (version 2018)

3014008*

3033042

13033041

13033068

3060087

3033032

3060004

3014002

R243

3060058

R215

3033024

13033040

3033041

3060093

R207

R206

R208

R202

3026208

R203



* 3014008 (VERSION FROM 2018)

23. ELECTRIC DIAGRAMS

