



# Jet Vac Eco

Powerful Steam Cleaner

**Robust Build Quality** 

**Continuous Flow** 

Vacuumated Pick-Up Comprehensive Tool Kit

**Low Water Usage** 

**Steams & Sanitizes** 

**Easy to Operate** 



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2.5L Tank Cap. Continuous Flow yes Мор Optional Pressure 6bar Weight 30kg Steam Volume 62g/min Voltage 50/60Hz 165c Steam Temp.

Power Supply 220/240v
Boiler Power 2.45kw
Cable Length 5M



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# JET VAC ECO



**ENGLISH** 

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#### INTERPRETATION OF THE SYMBOLS PLACED ON THE UNIT

BEFORE USING THE STEAM GENERATOR, READ AND FOLLOW THIS INSTRUCTION MANUAL.

IT IS RECOMMENDED TO KEEP THIS INSTRUCTION MANUAL TO CONSULT IT LATER OR TO GIVE IT TO THE FOLLOWING OWNERS.

PLEASE READ THE SAFETY INSTRUCTIONS ON THIS HANDBOOK BEFORE PROCEEDING ON THE FIRST USE.

EVENTUAL DAMAGES DUED TO THE CARRIAGE MUST BE COMUNICATED AS SOON AS POSSIBLE TO YOUR OWN RETAILER.



ATTENTION!!

STEAM.... BURNING DANGER



**ATTENTION!** 





OPRATING MANUAL;

OPERATING INSTRUCTIONS



#### **ENVIRONMENT PROTECTION**

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ELECTRIC AND ELECTRONIC EQUIPMENT, BATTERIES, OIL AND
SIMILAR SUBSTANCES MUST BE RECICLED IN THE PROPER
RECICLING CENTERS AND MUST NOT BE LEFT IN THE
ENVIRONMENT.

SUBSTANCES SUCH AS OIL FOR MOTORS, DIESEL OIL, PETROL MUST NOT BE LEFT IN THE ENVIRONMENT AND MUST BE RECICLED IN THE PROPER RECICLING CENTERS ACCORDING TO THE ENVIRONMENTAL REGULATIONS.



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#### 1. SUMMARY

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#### 2. SAFETY REGULATIONS

The electric supply connection shall be made by a qualified electrician and comply with IEC 60364-1.

It is recommended that the electric supply to this machine should include either a residual current device that will interrupt the supply if the leakage current to earth exceeds 30ma for 30ms or a device, which will prove the earth circuit.

**SAFETY VALVE** This machine is equipped with two safety valves, able to ensure the safety of the machine itself in case other primary control devices are inefficient (due to a fault). Due to the extreme importance of these components and as not to compromise the safety of the machine, it is recommended to provide to check them and to substitute them through an authorized service center by 1.500 hours of usage or once a year, starting from the purchasing date.

PRESSURE SWITCH This machine is equipped with a pressure switch able to check and to maintain the pressure under certain preset limits (ref. "rated pressure" on the technical label underneath the machine). In case there would be a steam leak on the lower side of the machine, it means that the functioning of this device has been compromised and the safety valve has been involved as to limit the boiler internal pressure. It is recommended not to use the machine, immediately unplug the machine from the power feeding and call the service center.

MUD DRAIN FROM THE BOILER If you are not acquainted with the hardness level of the used water, it is recommended to proceed with the boiler cleaning (according to the

procedure indicated in the proper section) after 24 hours of usage. On the contrary, if you know the hardness level and it is between 0 and 4 french degrees, the boiler cleaning can be carried out after 100 hours of usage.

**ATTENTION.** Do not use the appliance within the range of persons unless they wear protective clothing.

**ATTENTION.** Pressure jets can be dangerous if subject to misuse. The jets must not be directed at people, live electrical equipment, or the machine itself.

Do not direct the jet against yourself or others in order to clean clothes or footwear.

Disconnect power before effectuating maintenance on user's responsibility.

Steam cleaners shall not be used by children or untrained personnel.

To ensure the machine safety, use only original spare parts from the manufacturer or approved by the manufacturer.

**ATTENTION.** Pressure hoses, fitting and couplings are important for the safety of the machine. Use only those recommended by the manufacturer.

Do not use the machine if the power cord or other important parts of the machine are damaged, i.e. safety devices, pressure hoses and trigger gun.

If an extension cord is used the plug and socket must be of watertight construction.

**ATTENTION.** Inadequate extension cords can be dangerous.

The user must not leave the iron (optional) unattended when it is connected to the power supply.

The hand-arm vibration data, referred to this device, are not mentioned as they are below 2.5 m/s $^2$ .

#### 3. TECHNICAL CHARACTERISTICS

To verify the technical data of your model, consult the plate under the appliance.

#### 4. PREFACE

Dear Client,

We would like to congratulate you on your choice.

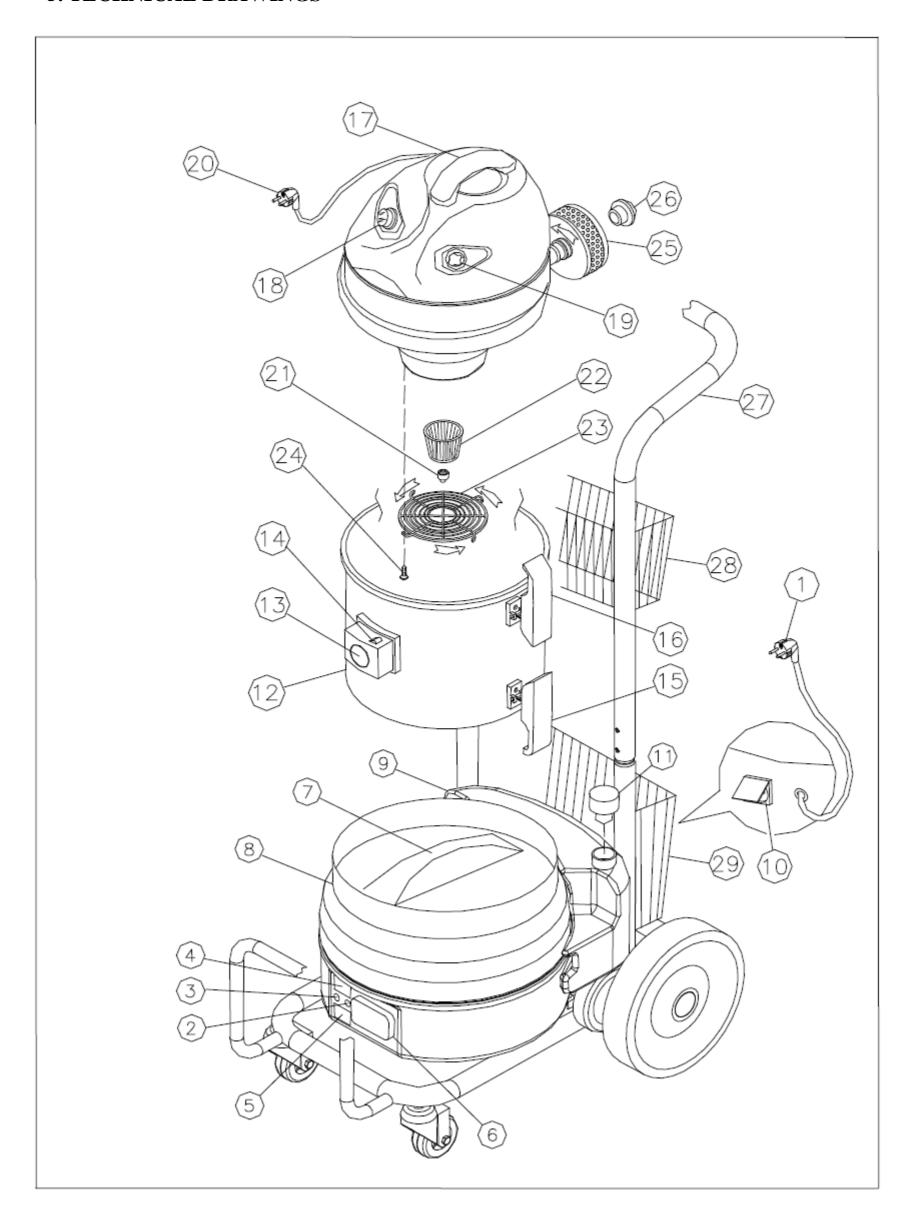
Please consider that the machine before leaving our factory has been tested and tweaked by qualified and specialized personnel.

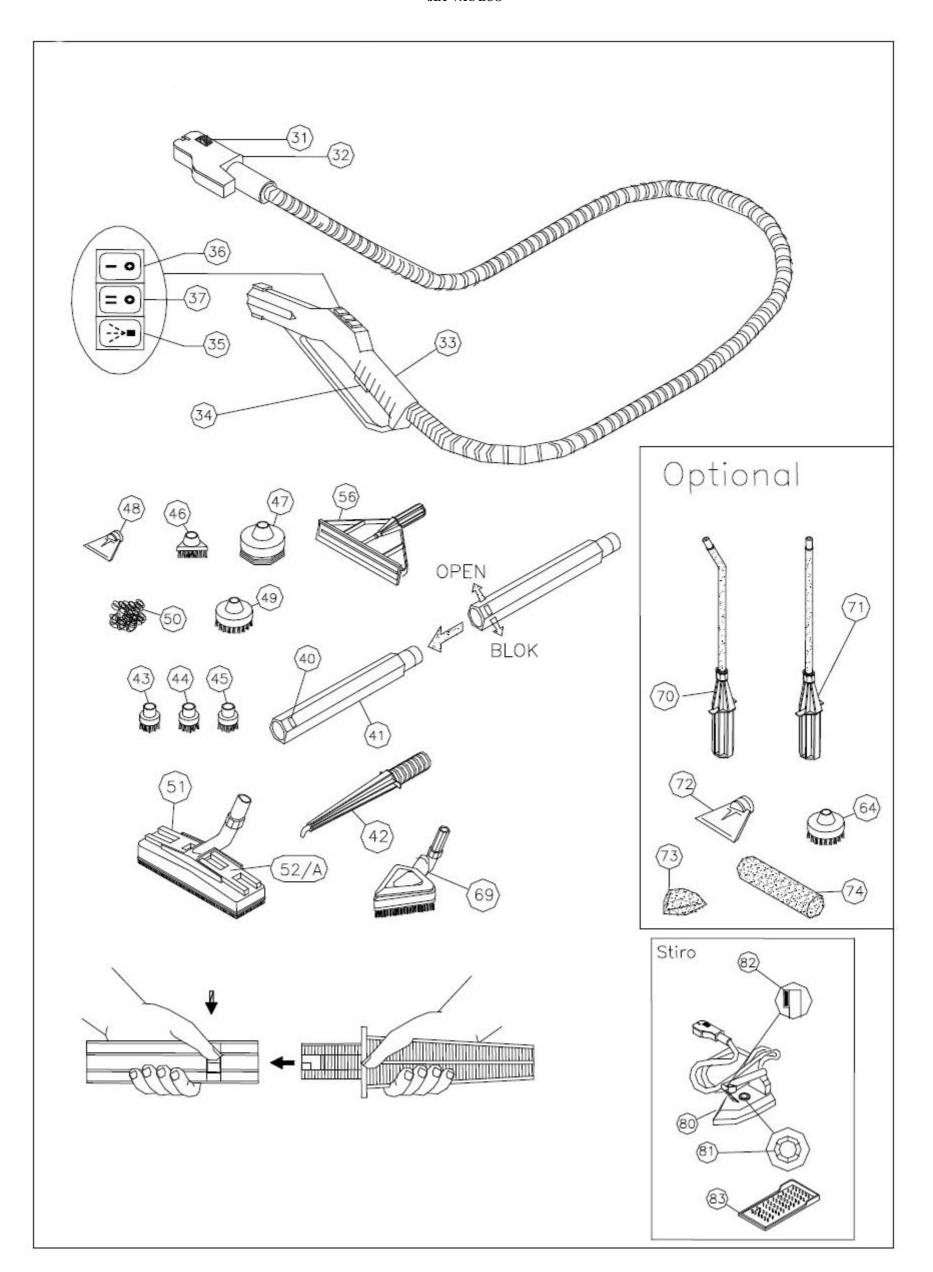
With the goal of improving and continually updating production by always offering innovative products, TECNOVAP has studied, designed and created the **JET VAC ECO**; a combined machine for cleaning which brings together the power of steam and the force of vacuuming.

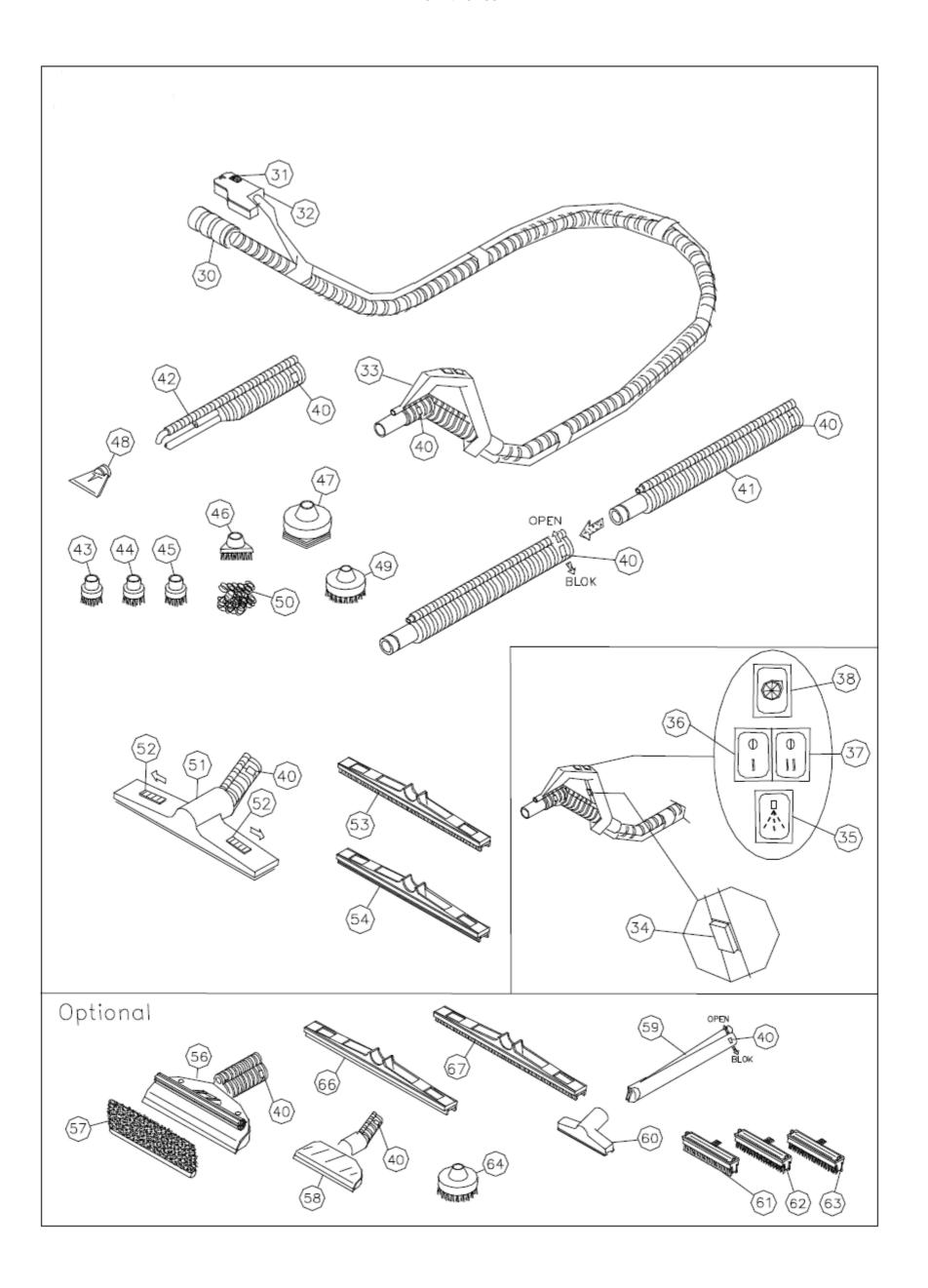
This product is equipped with a dependable stainless steel boiler with automatic refilling system which allows it to produce a powerful and continuous supply of steam (24/24 hours).

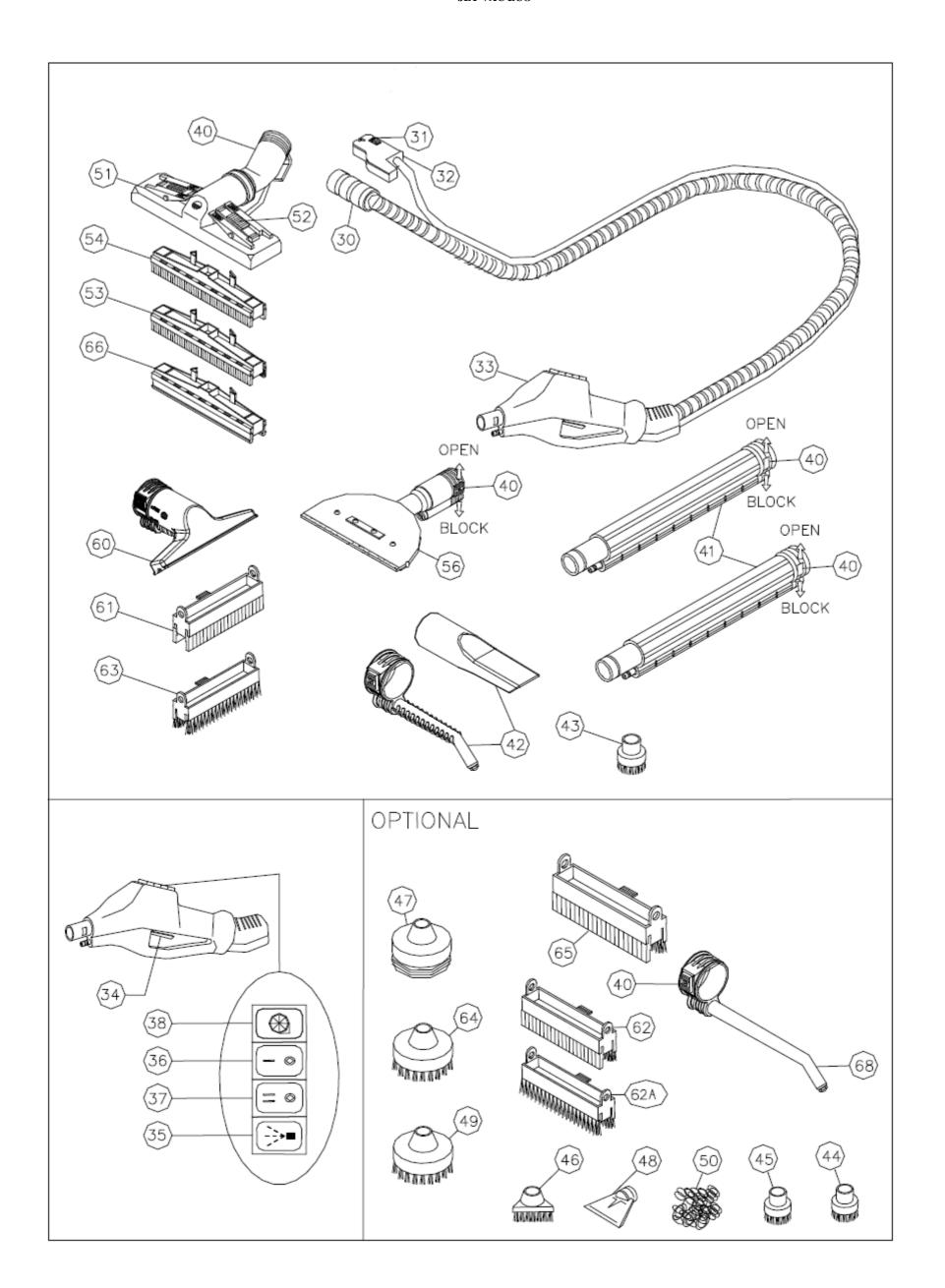
The Jet Vac Eco is the ideal solution when it comes to cleaning and disinfecting. With the various accessories available, it cleans, disinfects, and removes dirt eliminating completely even the bacterial flora hidden in those areas most difficult to reach.

## **5. TECHNICAL DRAWINGS**









#### 6. PARTS LIST

- 1) Powercord steam generator 42) Turbo lance steam steam & vac
- 2) "Low water" indicator (red) 43) Small nylon brush (Ø 28mm)
- 3) "Ready steam" indicator (green) 44) Small brass brush (Ø 28mm)
- 4) Power switch 45) Small stainless steel brush (Ø 28mm)
- 5) Boiler switch 46) Triangular brush
- 6) Steam outlet 47) Steam plunger
- 7) Handle bar steam generator 48) Steam scraper
- 8) Steam generator 49) Large nylon brush (Ø 60mm)
- 9) Water tank 50) Stainless steel wool pad
- 10) Electric socket for vacuum cleaner (20) 51) Floor tool (steam and steam & vac) for inserts
- 11) Water tank cap 52) Latches for blocking inserts
- 12) Vacuum drum 52A) Cloth clamps
- 13) Vacuum hose outlet 53) Insert squeegee/brush (L.375mm)
- 14) Locking latch vacuum outlet 54) Insert squeegee/squeegee (L.375mm)
- 15) Fixing for vacuum unit 56) Steam and steam & vac window cleaner
- 16) Fixing for vacuum head 57) microfibre cloth for window cleaner
- 17) Handle bar vacuum cleaner 58) Carpet tool transparent
- 18) Vacuum switch 59) Steam & vac lance
- 19) Electronic regulation vacuum head 60) Upholstery tool
- 20) Power cord vacuum cleaner 61) Insert squeegee/squeegee (L.145mm)
- 21) Locking nut for separator 62) Insert squeegee/brush (L.145mm)
- 22) Separator 62A) Insert stainless steel/stainless steel (L. 145mm)
- 23) Grill protection for separator 63) Insert brush/brush (L.145mm)
- 24) Fixing screw for grill protection for separator 64) Large stainless steel brush (Ø 60mm)
- 25) Anti-allergens Hepa filter (optional) 65) Insert squeegee/brush (L.300mm)
- 26) Conveyor cap 66) Carpet insert
- 27) Trolley

- 67) Insert stainless steel/stainless steel (L.375mm)
- 28-29) Cestino porta accessori 68) Long lance
- 30) Flexible vacuum hose 69) Triangular brush
- 31) Steam plug locking latch  $\,$  70) Curved bayonette lance  $45^{\circ}$
- 32) Steam plug 71) Bayonette lance
- 33) Steam and steam & vac hose with handgrip 72) Stainless steel steam scraper
- 34) Security trigger for steam outlet 73) Triangular steam buffer
- 35) Water command switch (intermittent) 74) Rectangular steam buffer
- 36) Steam adjustment switch (minimum) 80) Professional steam iron
- 37) Steam adjustment switch (medium) 81) Thermostat
- 38) Vacuum switch 82) Steam switch
- 40) Clamping latches for accessories 83) Rubber rest pad
- 41) Extension tubes

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#### 7. OPERATING INSTRUCTIONS

- (a) After opening the packaging box eventually fix the machine on the trolley.
- **(b)** Plug the power cord (20) into the electric socket (10) and verify that the vacuum power switch (18) is in ON position.
- (c) Lift the tank cap (11) and add water to the water tank, we recommend to exclusively fill in water only, any other liquid may damage the generator permanentely .
- (d) Insert the plug (1) into an electrical outlet, making sure that the voltage and the amperage correspond with those printed on the plate of the machine (on the inferior part).

#### **WARNING**

WHEN THE WATER TANK IS EMPTY THE LOW WATER INDICATOR (2) SWITCHES ON AND THE STEAM OUTPUT WILL BE DISABLED UNTIL WATER IS BEING ADDED TO THE WATER TANK (9).

PLEASE NOTE: THIS OPERATION CAN BE CARRIED OUT WITHOUT SWITCHING OFF THE MACHINE.

#### **USE OF THE ACCESSORIES**

Insert the vacuum hose (30) into vacuum hose outlet (13) and the steam plug (32) into the steam outlet (6) found on the front of the machine. Push until the latches (14 and 31) lock into place.

Activate the power switch (4) and the boiler switch (5) for the production of steam and wait approximately 5 minutes until the green "ready steam" indicator (3) on the command switch lights up indicating that the boiler has reached the operating pressure. The switches (35,36 and 37) located on the handle should be in OFF position.

When the indicator (3) lights up, position the switches (36 and 37) on the handgrip to regulate the steam flow as follows: switch (36) minimum flow, switch (37) medium flow, switches (36) and (37) maximum flow. Use the security trigger (34) to activate the steam flow.

The vacuum switch (38) activates the vacuum and can be used simultaneously with steam, the power can be regulated by pressing the + and - symbols on the electronic regulation (12) on the vacuum head.

The switch (35) enables you to inject overheated water with the steam by activating it for a few seconds at a time to avoid exceeding the injected liquid to the steam.

To clean with the combination of steam, injection of overheated water and vacuum suction choose the accessory best suited for the job:

#### Warning!!

By pushing the switch (35) overheated water under pressure with a temperature, according to the model, of up to 180 °C will come out of the lance. Please be careful not to action this switch without alert and do not align the jet towards persons or animals.

To clean with the combination of steam, injection of overheated water and vacuum suction choose the accessory best suited for the job:

The multi-purpose floor tool (51): with appropriate inserts (53,54,66,67). Inserts are locked into place by sliding the latches (52) to the OPEN position and hold the insert in place applying a little pressure while sliding the latches in

BLOK position. Mount the floor tool onto the hand grip or on the extension tubes and lock everything by sliding the latches (40) to the BLOCK position. Remember that the command switches on the handle (35-36-37-38) must be on OFF position up to the completing of this operation.

Turbo lance steam/vac (42): to be used by itself or with the small included brushes or with the steam plunger (47) and the steam scraper (48) according to the cleaning job to be executed.

For mounting this tool please follow the above instructions of the floor tool.

When finished cleaning, it is recommended to vacuum approximately 3-5 litres of clean water to rinse the inside of the hose (33) and the suction conduits. W ash and dry all accessories used. Remove the vacuum drum (13) and, after emptying and rinsing it, let it dry before storing it away.

If you are using the brushes of the Kit July (steam only) the bristles can be covered with an absorbing cloth by using the clamps (52A) to hold the cloth in place. This is a recommended use to clean delicate surfaces (such as precious wood for ex.) or vertical surfaces (in tiles for ex.) etc. The cloth is acting as dirt "extractor" in this case.

#### 8. MAINTENANCE

#### **ATTENTION**

DISCONNECT FROM ELECTRICAL POWER SUPPLY BEFORE CARRYING OUT USER MAINTENANCE. IT IS RECOMMENDED THAT BOILER MAINTENANCE IS CARRIED OUT WHEN THE EQUIPMENT HAS COOLED DOWN. (SWITCHED OFF FOR AT LEAST 5 HOURS)

#### MAINTENANCE OF STEAM GENERATOR

#### ELIMINATING SCALE RESIDUE FROM THE BOILER

If you do not know the degree of hardness of the used water we suggest cleaning the boiler after every 24 working hours, if the degree of hardness is known and lies between 0 and 4 french degrees the frequency can be varied to 100 hours of use.

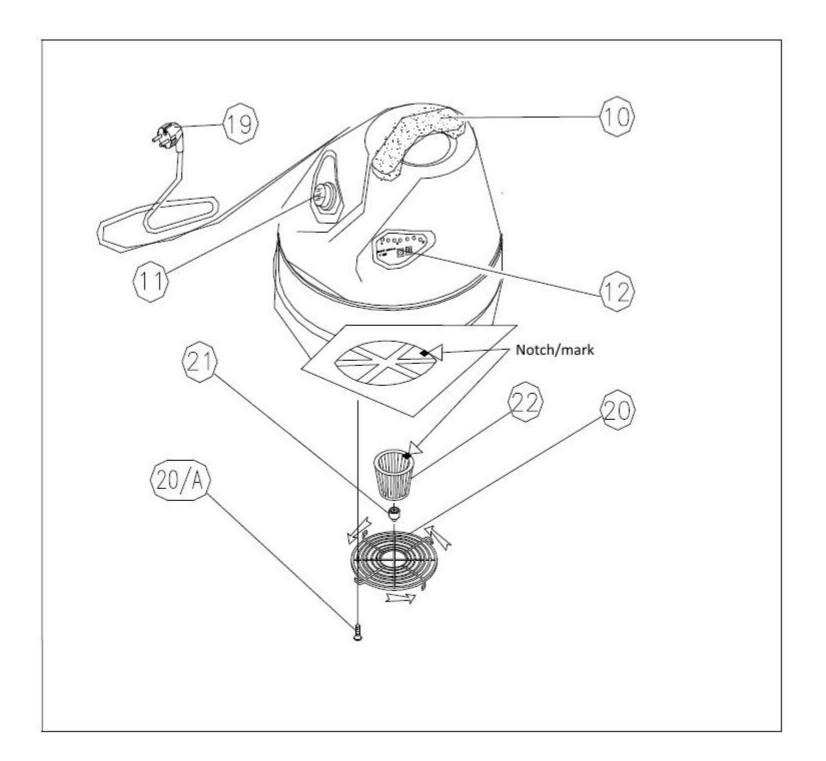
Fill the water tank, place a recipient container under the machine and remove the boiler drain cap underneath the machine. Then switch on the machine activating the power switch only (4) and let the water pump work for about 2 minutes, then switch off the machine (power switch 4) and unplug the power cord (1) from the electrical socket and replace the boiler drain cap (6). The process of cleaning is completed, once again plug the power cord (1) into the electric outlet and activate the power switch (4). It is recommended to activate also the command switch (36) for minimum steam on the handgrip and activating the security trigger (34) to release the air contained in the empty boiler. Wait for the completed cycle of refilling from the pump (approx. 3 min.).

The maintenance of the boiler is completed; proceed with the using instructions as described in chapter 5.

#### MAINTENANCE OF THE VACUUM CLEANER

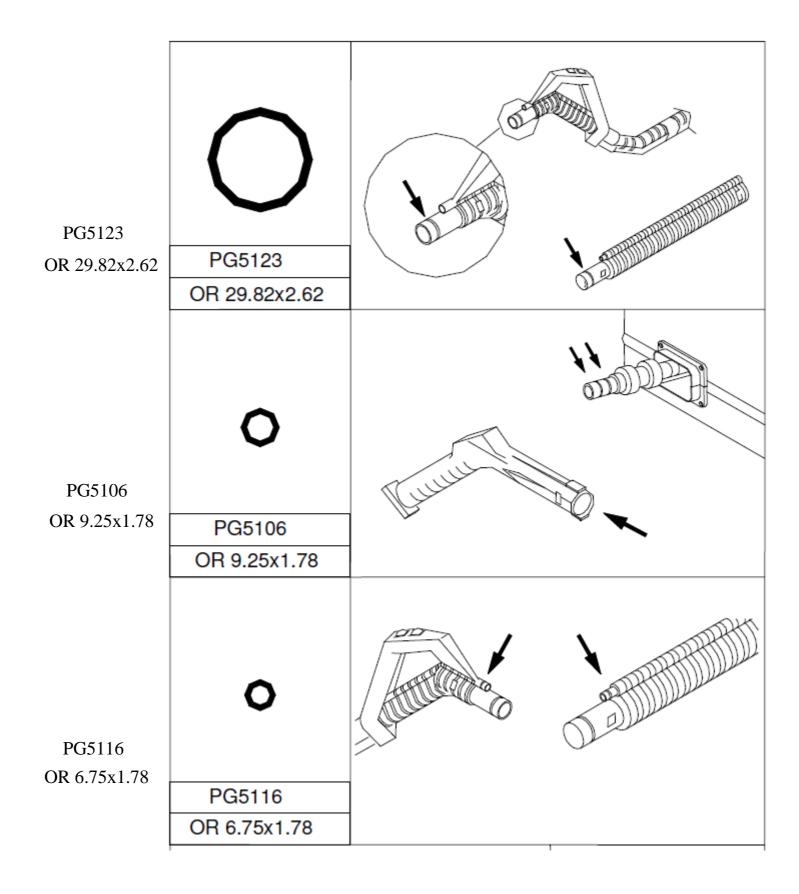
Control periodically the separator (22) through the grill protection and verify that there are no sediments or dirt that sometimes can deposit on it.

If necessary proceed as follows: remove the screw (20A) and the protection grill (20) turning it counter clockwise and pulling it down, unscrew the locking nut of the separator (21) and remove the separator (22). Proceed with the cleaning of the separator (22) and remount everything by paying attention that the marking on the inside of the separator is positioned correctly on the housing of the turbine.



#### MAINTENANCE OF THE ACCESSORIES

Clean and grease occasionally the connections of the hose extension and of the accessories.



## 9. BEFORE REFERRING TO THE TECHNICAL SERVICE

PROBLEM	POSSIBLE CAUSE	REMEDY
MACHINE DOES NOT PRODUCE STEAM AND VACUUM DOES NOT WORK.	LACK OF POWER.	MAKE SURE PLUG IS WELL INSERTED (1) AND THAT THERE IS MAIN POWER TO THE OUTLETS.
THE RED "LOW WATER" INDICATOR (2) LIGHTS UP.	ALL THE WATER HAS BEEN CONSUMED.	REFILL THE WATER TANK (5A) WITH CLEAN WATER.
SUCTION POWER IS MISSING.	A. LACK OF POWER TO THE VACUUM CLEANER.  B. THE VACUUM TUBE IS OBSTRUCTED.  C. THE VACUUM DRUM (12) IS FULL OF WATER.	A. C) MAKE SURE THE SWITCH (18) IS ON AND THE PLUG (20) IS WELL INSERTED. (10)  B. B) CLEAN TUBE AND ACCESSORY USED.  C. EMPTY THE VACUUM DRUM (4).
WATER LEAKS THROUGH THE CONNECTIONS OF THE ACCESSORIES.	CHECK THE WEAR OF THE O-RING.	CLEAN AND LUBRICATE THE O-RING WITH GREASE. IF NECESSARY, REPLACE WITH ONE SPARE SUPPLIED.
STEAM DOES NOT COME OUT.	BOILER HAS NOT REACHED YET     THE OPERATIONAL PRESSURE     (GREEN LIGHT (3) IS OFF).      STEAM COMMAND SWITCHES (36-37) ARE OFF.  A) THE STEAM COMMAND SWITCH (34) HAS NOT BEEN USED	A. WAIT A FEW MINUTES.  B. SWITCH ON THE STEAM COMMAND SWITCHES (36-37).  C. USE THE STEAM COMMAND SWITCH (34) TO ACTIVATE THE STEAM FLOW
DROPS OF WATER COME OUT OF THE ACCESSORIES	AT BEGINNING OF WORK WATER CONDENSES IN THE TUBES AND ACCESSORIES DUE TO THE DIFFERENCE IN TEMPERATURE.	AFTER A FEW MINUTES OF USE THIS PROBLEM WILL CEASE. IF IT CONTINUES, PROCEED TO THE CLEANING OF THE BOILER.
NOISE INSIDE THE GENERATOR.	WHILE COOLING DOWN, THE BOILER, AFTER 6-7 HOURS, IS CREATING AN INTERNAL DEPRESSION, WHICH AT EACH IGNITION PROVOCES SOME VIRRATIONS	,
ACCESSORIES DO NOT FIT PERFECTLY	THERE IS DIRT BUILD UP IN THE JOINTS AND LOCK/RELEASE LATCHES (40).	CLEAN AND LUBRICATE THE JOINTS.

#### 10. DECLARATION OF CONFORMITY



## DICHIARAZIONE DI CONFORMITA' CE (EC DECLARATION OF CONFORMITY)

**TECNOVAP S.R.L.** con la presente dichiara che: le macchine per pulizia a vapore modello: (Certifies that the steam cleaning machine model): **Carmen Mini** 

#### Risultano conformi alle specifiche delle direttive

(conforms to the specifications of directives) 2006/95/CE 2004/108/CE 2006/42/CE 2002/95/CE

Per il controllo della conformità alle sopraindicate direttive, sono stati seguiti i seguenti standard (For the chec king of c onformity to the above directives, the following standards have been used):

Riferimento alle norme armonizzate: (Reference to harmonized standards):

EN 60335 -1

EN 60335 -2-2

EN 60335 -2-79

EN 60335 -2-3

EN 55014 -1

EN 55014 -2

EN 61000-3-2

EN 61000-3-3

PESCANTINA – VERONA (ITALY) 02-02-2010

**FRANCHINI Giuliano** (Managing Director)

## Ordinary maintenance procedures

Working hours Frequency Notes

**Generator** Intervention

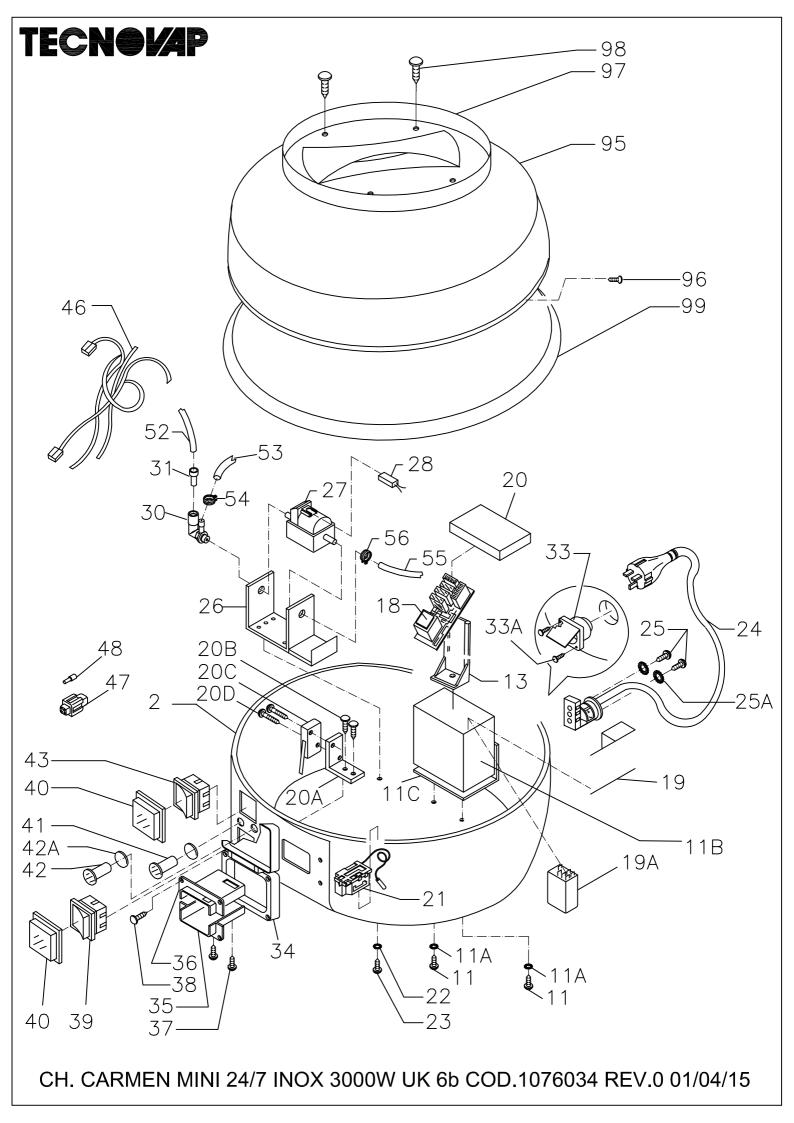
## **Extraordinary maintenance procedures**

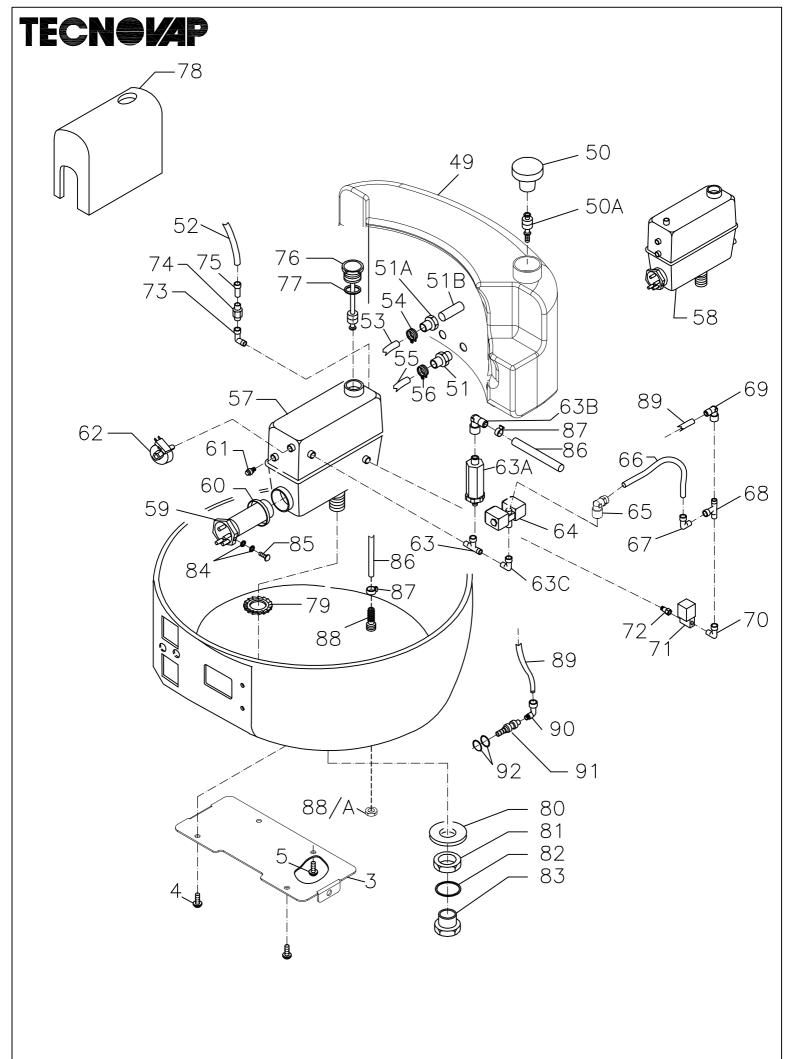
Working Date of Intervention, description, replaced components, etc.

hours Intervention

Generator

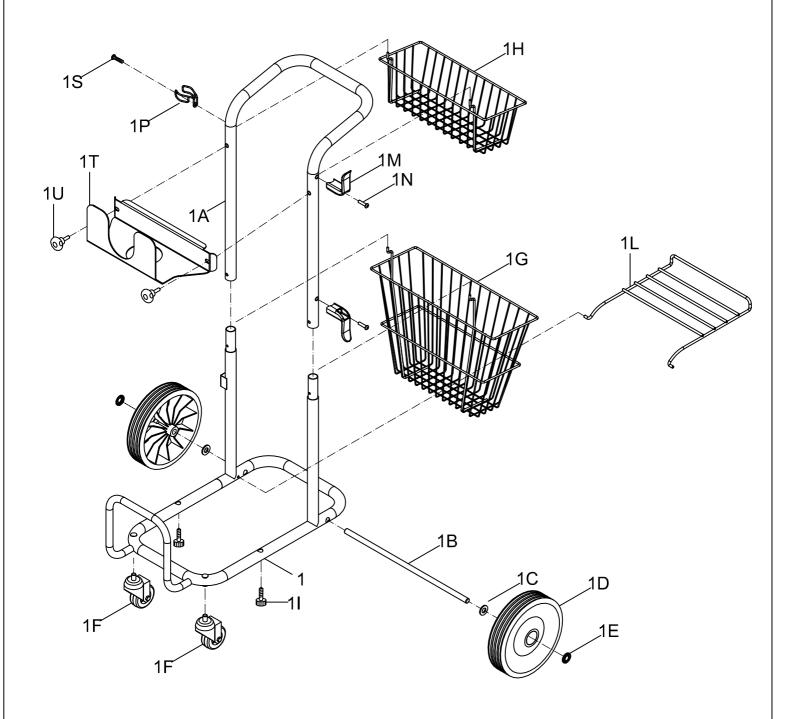
THE MANUFACTURER RESERVES THE RIGHT TO PRODUCE TECHNICAL AND STRUCTURAL IMPROVEMENTS W ITHOUT PRIOR NOTICE





CH. CARMEN MINI 24/7 INOX 3000W UK 6b COD.1076034 REV.0 01/04/15

## **TECNOMP**



CARRELLO ARENA STANDARD cod. CR4002V1 U.T.19/02/13 Rev. 0

CH. CARMEN MINI 24/7 INOX 3000W UK 6bar cod. 1076034 REV.0 01/04/15				
Pos.	CODICE	Q.tà	DENOMINAZIONE	DENOMINATION
1	CR4002A	1	CARRELLO ARENA 2 LATO RUOTE	ARENA 2 TROLLEY - BASE
1/A	CR4002B	1	CARRELLO ARENA 2 MANIGLIONE	ARENA 2 TROLLEY - HANDLEBAR
1/B	CR4002C	1	PERNO L.395 Ø12 FISSAGGIO RUOTE	REAR WHEEL AXLE Ø 12
1/C	VI73003	2	RONDELLA GREMBIULINA 12x24	WASHER 12X24
1/D	PG5416	2	RUOTA POSTERIORE Ø200 STEAM TECH	FIXED REAR WHEEL Ø 200
1/E	PG5245	2	COLLARE ELASTICO FERMO RUOTA PER Ø12	WHEEL LOCK
1/F	PG5404	2	RUOTA Ø60 M10x15 GIREVOLE	WHEEL Ø 60 M10X15 - SWIVEL
1/G	CR8000 CR4002E	1	CESTELLO CROMATO 24EV140V110 L 26E	BASKET 400X260X150
1/H 1/I	PG5060	2	CESTELLO CROMATO 345x140x110 I.265 VOLANTINO TMP V1/30/V - M6x40	SMALL BASKET 345x140x110  HANDWHEEL SCREW M6x40
1L	CR4002F	1	GRIGLIA PER CARRELLO ARENA CROMATA	CART CHROME GRILL FOR ARENA
1M	PP00013	2	MEZZA MANIGLIA AVVOLGICAVO PER CARRELLI	HALF HANDLE CABLE FOR LIFT
1N	VI81004	2	VITE TBEI ISO 7380 M6x25 INOX	SCREW TBEI ISO 7380 M6x25 STEEL
1P	RA35R13	1	MOLLA SAGOMATA CLIP + RONDELLA	SHAPED SPRING CLIP
1S	VI71216	1	VITE M4x10 TC TC UNI7687 DIN7985 INOX A2	SCREW M4x10 TC TC UNI 7687 DIN 7985 STEEL
1T	CA40012	1	STAFFA AVVOLGI TUBI/CAVI CARRELLO ARENA	WINDINGS BRACKET PIPE/CABLE ARENA CART
1U	PG5032	2	VOLANTINO VTP/30 M6x20	HANDWHEEL VTP/30 M6x20
2	CA11727	1	SOTTOBASE BABY 24/7 NERA FORATA	CHASSIS BABY
3	CA16207V1	1	PIASTRA APPOGGIO SERBATOIO	TANK MOUNT PIECE
4	85120230	2	VITE TBEI ISO 7380 M6X16 INOX	SCREW
5	85120220	2	VITE TBEI ISO 7380 M6X10 INOX	SCREW
11	VI71615	2	VITE TC UNI 7687 DIN 7985 ZN M4X12	SCREW
11A	VI7318	2	RONDELLA DENTELLATA Ø4	WASHER Ø4
11B	PE27004	mt 0.15	CANALE PLASTICO 100X60 STEAM BOX MINI	CHANNEL PLASTIC STEAM BOX MINI 100X60
11C	RA30577	1	STAFFA SUPP. CANALE PLAST.AIDA BABY 24/7	SUPPORT
13	PG5034 PE2346	1 1	STAFFA PORTASCHEDA SCHEDA COM. BT 230V TVAP 10/4 J/ STAR	SUPPORT MOUNT EL.BOARD ELECTRONIC BOARD
18 19	PE2546 PE2529/230	1	SCHEDA C.S. TVAP21 230V BT12V	ELECTRONIC BOARD
19A	PE2022	1	RELE DEVIATORE 12A 230V	RELAY
20	PE27007V1	1	COPERCHIO PER CANALE PLAST. 100X60	COVER
20A	PG5062	1	STAFFA PORTA MICROINTERRUTTORE	BRACKET
20B	VI71145	2	VITE 2,9X11 TSC TORX UNI6956	SCREW
20C	PE2209	1	MICROINTERRUTTORE 16A	MICROSWITCH
20D	VI7122	2	VITE AUTOF. NICH. 2,9X16 UNI6954	SCREW
21	PE2340	1	TERMOSTATO 240°C BULBO	CONTROL THERM. 240°C
22	VI7318	2	RONDELLA DENTELLATA Ø4	WASHER Ø4
23	VI7121	2	VITE M4x6 TC.TC UNI 7687 DIN7985	SCREW ZN M4X6
24	PE21792	1	CAVO SEZ.3X1,5 MT12 SPINA INGL. +PA205	SUPPLY WIRING
25	VI7101	2	VITE TORX ACCIAIO 3,5X9,5 - 7X3/8	SCREW 3.5X9.5 - 7X3/8
25A	VI7319	2	RONDELLA DENTELLATA ZN M3	LOCK WASHER M3
26	RA30567	1	STAFFA SUPP. POMPA AIDA BABY 24/7	MOUNT BASE
27	PE2404	1	POMPA ET500- 1 1/8' F NBR 230/50	PUMP
28	PE2408	1	TERMOPROTETTORE 100°C	THERMAL CUT OUT 100° C
30 31	PE24011 RA30259	1	DEAREATORE A GOMITO 90° PER POMPA RACCORDO DIRITTO 6X8 - 1/8"M CIL. C/OR	BLEEDER VALVE FOR PUMP ELBOW VALVE
33	PE2133	1	PRESA 10-16A 250V SCHUKO	ELECTRIC SOCKET
33A	VI7130	4	VITE AUT. NICH. TC 3.5X9.5	SCREW
34	PP0008	1	SPORTELLO COPRI PRESA	PLUG PROTECTION
35	120102	1	CORPO PRESA INF.	BOTTOM SOCKET COVER
36	120101	1	CORPO PRESA SUP.	TOP SOCKET COVER
37	VI7105	2	VITE 3,9X16	SCREW ZN 3,9X16
38	VI7341	4	VITE AUTOF. Z NERA 3.9x19	SCREW ZN 3,9X19
39	PE227C	1	INTERRUTTORE 16A RETE	POWER SWITCH
40	PG5021	2	CAPPUCCIO PROTEZIONE	RUBBER SWITCH COVER
41	PE222S7	1	SPIA LUM. VERDE SERIGRAFATA	GREEN INDICATOR LIGHT
42	PE221S7	1	SPIA LUM. ROSSA SERIGRAFATA	RED INDICTOR LIGHT
42A	PG5106	2	OR 9,25X1,78 NBR GRIGIO RAL7035	O-RING
43	PE227R	1	INTERRUTTORE 16A CALDAIA	POWER SWITCH
46	PE21317V1	1	CABLAGGIO AIDA BABY 24/7 230V	COMP. WIRING AIDA BABY
47	PE2177	7	FRUTTO PRESA CDF07	PLUG BODY 7P+T
48	PE2012	7	CONTATTO FEMMINA 10A	CONTACT 10A
	CA12207 RA3313	1	SERBATOIO ACQUA AIDA 24/7	WATER TANK CAP
49		1	TAPPO SERBATOIO ACQUA GAL	
50		1	INTERRIT REED GALLEGG VERT 1 60	ICONTROL FLOAT WATER TANK
50 50A	PE22457	1	INTERRUT. REED GALLEGG.VERT. L.60 PORTAGOMMA CON FILTRO IN OTTONE	CONTROL FLOAT WATER TANK FLBOW TUBE COUPLER
50 50A 51	PE22457 RA3140	1	PORTAGOMMA CON FILTRO IN OTTONE	ELBOW TUBE COUPLER
50 50A	PE22457	<del> </del>		

	I		I	lucas -
53	PG5327	mt 0.23	TUBOGOMMA CALZATO NERO Ø4X8	HOSE
54	PG5247	2	FASCETTA BIFILARE 9.8-10.4	CLAMP 9.8-10.4
55	PG5327	mt 0.15	TUBOGOMMA CALZATO NERO Ø4X8	HOSE
56	PG5247	2	FASCETTA BIFILARE 9.8-10.4	CLAMP 9.8-10.4
57	0900328	1	CALDAIA COMPL. BABY 24/7 3000W L1.5	COMPLETE BOILER
58	9900328	1	CALDAIA C/RES. L.1,5 BABY 24/7 3000W	BOILER W / HEATING ELEMENT
59	PE2547F	1	RESISTENZA 3000W 240V 1"1/4 C/FASTON	HEATING ELEMENT
60	PG5139	1	GUARNIZIONE ALLUMINIO Ø42X50X1.5	HEATING ELEM. GASKET
61	PE2303	1	TERMOSTATO 160° RIPRISTINO	THERMOSTAT
62	PE2411	1	PRESSOSTATO 16A 250V 4-9 bar	PRESSURE SWITCH
63	RA3185	1	RACCORDO A T 1/8M X1/8FX1/8m	3-WAYS VALVE
63A	RA3411	1	VALVOLA 1/8"M 7,5 bar STANDARD CATEG. 1°	SECURITY VALVE 7,5 Bar
63B	RA30372	1	RACCORDO GOMITO 3/8M PG Ø7	ELBOW VALVE
63C	RA3147	1	RACCORDO GOMITO 1/8"F-1/8"M	ELOBOW VALVE
64	PE2337	1	ELETTROV.6650+2 BOB. 230V 1X1,5-1X2,5	DOUBLED SOLENOID VALVE
65	RA3105	1	RACCORDO GOMITO 6X8 - 1/8"M	ELBOW VALVE
66	RA3201	mt 0.10	TUBO TEFLON Ø 6X8	HOSE
67	RA3105	1	RACCORDO GOMITO 6X8 - 1/8"M	ELBOW VALVE
68	RA3185	1	RACCORDO A T 1/8M X1/8FX1/8M	3 WAYS- VALVE
69	RA3167	1	RACCORDO GOMITO 6X8-1/8"F	STRAIGHT VALVE
70	RA3147	1	RACCORDO GOMITO 1/8"F-1/8"M	ELOBOW VALVE
71	PE2329	1	ELETTROV. 6611 + BOBINA B6 230V	SOLENOID VALVE 230V
72	RA3187	1	RACCORDO DIRITTO 1/8M X1/8M F/CONICO	STRAIGHT VALVE
73	RA3147	1	RACCORDO GOMITO 1/8"F-1/8"M	ELBOW VALVE
74	RA3408	1	VALVOLA NON RITORNO MOLLA DURA	NON RETURN VALVE
75	RA31904	1	RACCORDO DIRITTO 6X8 1/8'F	STRAIGHT VALVE
76	RA83217	1	TAPPO OTTONE C/SONDA 104mm+8bar	BRASS CAP +PROBE
77	PG51033	1	GUARNIZIONE TEFLON Ø33X40X2	GASKET
78	IS4006	1	ISOLANTE PROTEZIONE CALDAIA 1.5lt GAL	BOILER INSULATION
79	VI7335	1	RONDELLA DENTELLATA INOX Ø20	TOOTHED WASHER
80	VI7336	1	RONDELLA PIANA INOX Ø20	WASHER
81	VI7203	1	DADO Ø24 L.6 ½' OTTONE	NUT
82	PG51164	1	OR 2056 14.00x1.78 NBR NERO	O-RING
83	RA3163	1	TAPPO DRENAGGIO 3/8"M	DRAIN CAP
84	VI7318	2	RONDELLA DENTELLATA Ø4	TOOTHED WASHER
85	VI7130	1	VITE AUT. NICH. TC 3.5X9.5	SCREW
86	PG53015	mt 0.33	TUBO SILIC. TRASP. TELATO INOX Ø5X11	HOSE
87	PG52505	2	FASCETTA CLIC 10,5-12 BIANCA	CLAMP
88	RA3020	1	PORTAGOMMA 7 X1/8 MASCHIO	TUBE COUPLER
88/A	VI72038	1	GHIERA 1/8"G OTTONE	NUT 1/8"G BRUSS
89	RA3201	mt 0.16	TUBO TEFLON Ø 6X8	HOSE
90	RA3167	1	RACCORDO GOMITO 6X8-1/8"M	ELBOW VALVE
91	12004T	1	UGELLO ROTONDO MASCHIO 1/8"	MALE NOZZLE
92	PG5142	2	OR 9.25X1.78 VITON NERO	O-RING
95	CA11717	1	BASE AIDA BABY INOX	BASE AIDA BABY INOX
96	VI7101	3	VITE TORX ACCIAIO 3,5X9,5-7X3/8	SCREW
97	PG5044	1	DISCO SOTTOBASE ASPIR.	VACUUM BASE
98	VI7105	4	VITE 3,9X16 ZN NERA	SCREW ZN 3,9X16
99	PG5325	1	PARABORDO IN GOMMA L.96	BUMPER
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