

MAMBOWASH BACKWASH

MAMBOWASH BASIC – MAMBOWASH ELECTRIC – MAMBOWASH SHIATSU



USER'S MANUAL

ORIGINAL INSTRUCTIONS

Read carefully the instructions specified in this booklet
before using the backwash

G A M M A  B R O S S _{S p A}

GAMMA & BROSS
Via Mazzini, 62/E
46043 Castiglione delle Stiviere (MANTOVA) - ITALIA

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INDEX

CHAPTER	SECTION	Pag.
CHAPTER 1	OVERVIEW AND MAIN FEATURES:	03
1.1	INTRODUCTION	03
1.2	WARRANTY	04
1.3	WARRANTY EXCLUSIONS	04
1.4	PRODUCT DESCRIPTION	04
1.5	TECHNICAL DATA	05
CHAPTER 2	SAFETY REGULATIONS AND ACCIDENT PREVENTION:	06
2.1.	DANGER LEVELS	06
2.2	SAFETY IN USE	06
2.3	PRESERVATION OF SAFETY	07
CHAPTER 3	TRANSPORT, UNLOADING, ASSEMBLY AND SETTING UP:	07
3.1.	PACKAGING, TRANSPORT AND UNLOADING OF THE EQUIPMENT	07
3.2.	UNPACKING	07
3.3.	INSTALLATION	08
3.4	CONTROLS BEFORE CONNECTION & LAYING	08
3.5	MAMBOWASH BASIC : CONNECTION & LAYING	08
3.6	MAMBOWASH ELECTRIC : CONNECTION & LAYING	10
3.7	MAMBOWASH SHIATSU : CONNECTION & LAYING	13
3.8	MAMBOWASH : CONNECTION & LAYING MODULAR UNIT (2-3-...N SEATS)	15
CHAPTER 4	INSTRUCTION FOR USE:	19
4.1	WARNINGS BEFORE USE	19
4.2	USING THE WASH FUNCTION	19
4.3	SEAT MOTION REMOTE CONTROL FOR MAMBOWASH ELECTRIC	19
4.4	SEAT MOTION REMOTE CONTROL FOR MAMBOWASH SHIATSU	20
CHAPTER 5	TECHNICAL SCHEME:	21
5.1.	ELECTRICAL LAY-OUT – MAMBOWASH ELECTRIC	21
5.2	ELECTRICAL LAY-OUT – MAMBOWASH SHIATSU	22
5.3	IHYDRAULIC LAY-OUT - MAMBOWASH ELECTRIC – MAMBOWASH SHIATSU	23
CHAPTER 6	CLEANING AND MAINTENANCE	24
6.1	PLANNED MAINTENANCE	24
6.2	EXTRAORDINAY MAINTENANCE	24
6.3	TECHNICAL ASSISTANCE	24
CHAPTER 7	HINTS FOR WASTE DISPOSAL	25
	DECLARATIONS OF CONFORMITY	26-35

CHAPTER 1

OVERVIEW AND MAIN FEATURES

1.1 INTRODUCTION

This handbook contains the instructions for the installation, knowledge, correct use and planned maintenance of the **MAMBOWASH** manufactured by **GAMMA & BROSS** SpA in Castiglione delle Stiviere (Mantova) – Italy. The end-user can find in this handbook all the information concerning the safe use and good maintenance of the **MAMBOWASH**.



This handbook is an integral part of the product and must be carefully safeguarded to ensure the possibility to consult it over the life span of the equipment. Extra copies of this instructions handbook are available on request from:

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The safety of the operator, regular functioning, running costs and duration of the **MAMBOWASH** depend on the observation of the instructions described in this handbook. It is mandatory to follow the instructions described in this booklet.



GAMMA & BROSS declines any and all responsibility for direct or indirect damages caused to people, animals or things provoked by negligence or disregard of the use instructions.

1.2 WARRANTY

GAMMA & BROSS warranties the **MAMBOWASH** and its accessories for a period of 12 months from the date of purchase. This warranty covers repairs or replacement parts, free of charge, that have resulted as defected following a careful inspection by the Manufacturer's Technical Service, excluding electrical parts. The warranty is limited to material defects and becomes null and void should the parts result as having been manipulated or disassembled by unauthorized personnel. The warranty does not cover responsibility for direct or indirect damages to people, animals or things provoked by breakdown or malfunctioning of the machine. The costs for transport, IVA and any other costs that are not contained in the supply contract are the buyer's responsibility. The replacement or repair of materials under warranty does not in any case extend the terms of that same warranty. The buyer can claim his rights covered by the warranty only if he has respected the conditions of the warranty, and those described in the supply contract. If the counter parties do not intend to undergo judicial arbitration for the resolution of any controversies resulting from a supply contract, or in the case that a decision is requested by an ordinary Court, the Court of Mantova is the competent judicial body.

1.3 WARRANTY EXCLUSIONS

At the moment of delivery, it is necessary to verify that the equipment was not damaged during transport and that the provided accessories are integral and complete. Possible claims must be presented within 8 days of the delivery date of the **MAMBOWASH**. In addition to the cases described in the supply contract, **the warranty becomes null and void:**

-) When an error in usage can be attributed to an operator.
-) When the instructions described in the instructions booklet are not fully respected.
-) When the **MAMBOWASH** has undergone modifications following repair interventions executed by third parties without the consent of **GAMMA & BROSS**.

1.4 PRODUCT OVERVIEW

MAMBOWASH is manufactured in three (3) models: **MAMBOWASH BASIC- MAMBOWASH ELECTRIC – MAMBOWASH SHIATSU**

MAMBOWASH BASIC

this model consists of a fixed chair in polyurethane foam covered with a vinyl upholstery, with a vitreous china sink. It is equipped with a system that permits the positioning of the sink at the nape of the client's neck through a tilting movement.

MAMBOWASH ELECTRIC

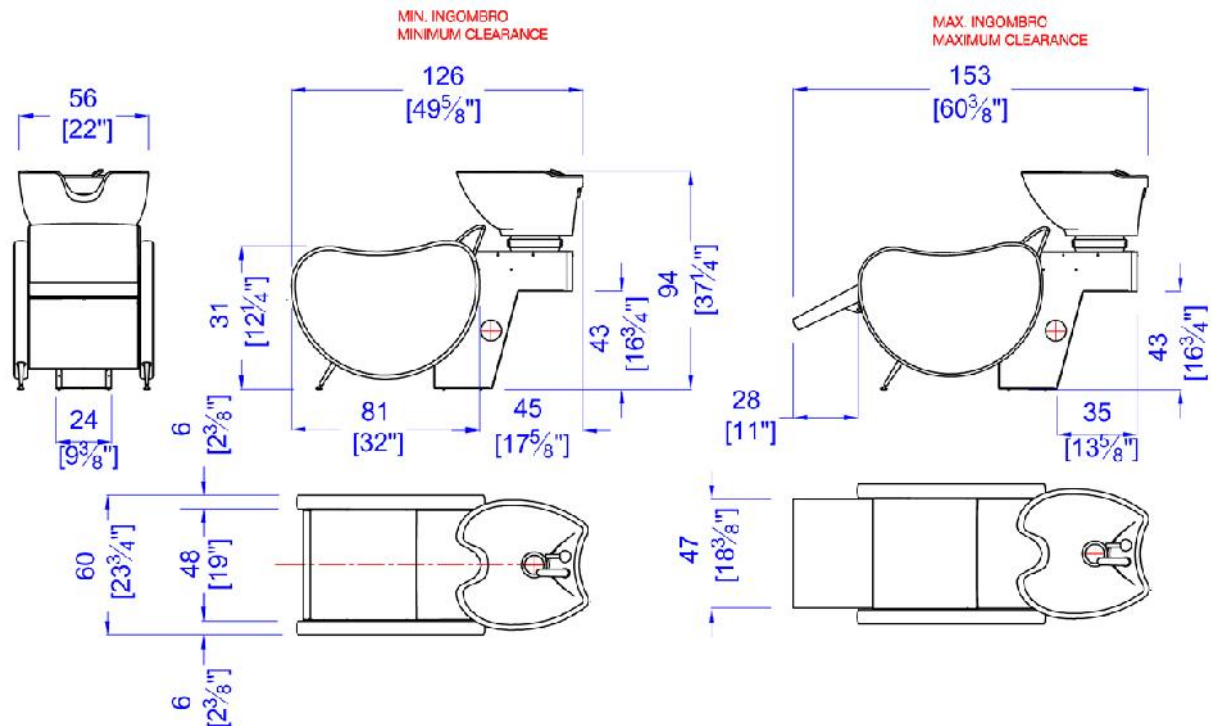
this model consists of a chair in polyurethane foam covered with a vinyl upholstery, with a vitreous china sink. It is equipped with a system that permits the positioning of the sink at the nape of the client's neck through a tilting movement. In addition, this model is equipped with mechanical devices that are able to raise the leg rest, and place the client in an excellent position for relaxation.

MAMBOWASH SHIATSU

this model consists of a chair in polyurethane foam covered with a vinyl upholstery with a vitreous china sink. It is equipped with a system that permits the positioning of the sink at the nape of the client's neck through a tilting movement.. In addition, this model is equipped with mechanical devices that are able to raise the leg rest, and place the client in an excellent position for relaxation.

An inflating massage system (AIR SHIATSU) is inserted into the chair in the lower back, lumbar and gluteus regions.

By means of the AIR-SHIATSU system it is possible to choose the sequential massage mode or the random one. Moreover, it is possible to adjust the massage intensity level.



1.5 TECHNICAL DATA

Chart N°1

MAMBOWASH - BASIC	Unit of measure	
Net weight	kg	62
Height:	mm	940
Length:	mm	1260
Width:	mm	600
3 bar water capacity	liter	9 per minute
Operating pressure	Bar	Min.0,5 / max 10
Package dimensions	cm	72x141x118h
Gross weight	Kg	83

Chart N° 2.

MAMBOWASH - ELECTRIC	Unit of measure	
Net weight	kg	62
Height:	mm	940
Length:	mm	1260 closed/1530 opened
Width:	mm	600
Installed electric power:	W	60
Electrical supply tension/frequency:	V / Hz	220/230 - 50/60
3 bar water capacity	liter	9 per minute
Operating pressure	Bar	Min.0,5 / max 10
Package dimensions	cm	72x141x118h
Gross weight	Kg	83

Chart N° 3.

MAMBOWASH - SHIATSU	Unit of measure	
Net weight	kg	62
Height:	mm	940
Length:	mm	1260 closed/1530 opened
Width:	mm	600
Installed electric power:	W	100
Electrical supply tension/frequency:	V / Hz	220/230 - 50/60
3 bar water capacity	liter	9 per minute
Operating pressure	Bar	Min.0,5 / max 10
Package dimensions	cm	72x141x118h
Gross weight	Kg	83

CHAPTER 2

SAFETY REGULATIONS AND ACCIDENT PREVENTION

2.1 DANGER LEVELS

The operator's safety is the manufacturer's main concern, and therefore all possibility dangerous situations and risks connected with use are to be avoided by adopting the opportune precautions to render usage safer. It is recommended to carefully read this booklet, and this section in particular, to avoid inopportune behavior that conflicts with the instructions contained in this booklet:



DANGER: Carefully read the following regulations. Those who do not apply the following regulations may be subject to damages or may cause damages to people, animals or things. GAMMA & BROSS declines any and all responsibility for direct or indirect damages caused by the disregard for the safety regulations and accident prevention procedures described below.

2.2 SAFETY IN USE

When the **MAMBOWASH** is in use, it is mandatory to follow the instructions described below:

-]

It is prohibited to operate the **MAMBOWASH** by anyone who has not completely read, understood and perfectly assimilated the information contained in this booklet.
-]

It is prohibited to operate the **MAMBOWASH** by persons that are not adequately trained or that are not in good health.
-]

It is prohibited to operate the **MAMBOWASH** when the safety devices are not inserted and the fixed protections are removed.
-]

Before using, **it is mandatory** to control the perfect integrity of all the safety devices on the **MAMBOWASH**.
-]

It is mandatory that the installation and mounting of the **MAMBOWASH** be executed in accordance with the instructions outlined in this booklet.
-]

It is mandatory to position the **MAMBOWASH** inside a place that is closed, covered, clean, sufficiently lighted, temperature regulated, and not exposed to dust, humidity, and is free of the danger of explosion or fire.
-]

It is mandatory to verify that the support surface beneath the **MAMBOWASH** is flat and solid.
-]

is recommended to become familiar with the command devices before using..
-]

It is recommended, in case of malfunctioning, to always contact the Manufacturer, avoiding unauthorized interventions.

-) The use of accessories provided by the Manufacturer **is permitted**.

2.3 PRESERVATION OF SAFETY

To guarantee safety over the life span of **MAMBOWASH** it is indispensable to respect the following rules:

-) **It is prohibited** to remove or tamper with the safety devices.
-) **It is prohibited** to leave the **MAMBOWASH** with its protections disassembled.
-) **It is prohibited** to clean the **MAMBOWASH** with petrol or any other solvent. Use only authorized cleaning fluids, non- flammable and non- toxic.
-) **It is mandatory** to disconnect the electric feeding before cleaning or maintenance operations.of the **MAMBOWASH**.
-) **It is mandatory** to execute **MAMBOWASH** maintenance operations only by qualified personnel.

CHAPTER 3

TRANSPORT, UNLOADING, ASSEMBLY AND SETTING UP

3.1 PACKAGING, TRANSPORT AND UNLOADING OF THE EQUIPMENT

All the material is carefully inspected by the manufacturer before shipping.

The packaging method is defined with the client in relation to the distance and chosen shipping method.

MAMBOWASH is transported inside a package, protected by a sack made of plastic (nylon airball) to avoid any direct contact with humidity and/or dust, and is inserted into a box or crate of a size that impedes any horizontal or vertical movement.

The label attached to the outside of the package contains the following information:

-) Manufacturer's address
-) Recipient's address

When receiving **MAMBOWASH**, make sure that the equipment has not been damaged during transport, that the packaging has not been tampered with, and that nothing has been removed from the package. In case there is damage to the equipment or missing parts, immediately inform the carrier and the manufacturer, and provide for photographic documentation.

Two people are necessary to lift the parts of the **MAMBOWASH** that are contained the package. If lifting machinery is used, it is necessary to verify the correct balancing of the package until it is entirely lifted up, proceeding with continuity and without any jerks or stops. Use personal protective clothing at work.



Keep the load as low as possible during movement, both for better stability of the load, and for better visibility. The manufacturer is not responsible for any damages during transport of the **MAMBOWASH**..

3.2 UNPACKING

Place the packaged equipment as close as possible to the desired installation area and remove the parts from the package. If the packaging is in paper it is necessary to recycle it as required by local waste disposal regulations. If the package is made of plastic material (nylon airball), do not burn it or throw it away, but dispose of it in the appropriate waste collection location in accordance with local regulations

The packaging elements can be dangerous and must not be left within children's reach.

3.3 INSTALLATION

The operations for the installation of **MAMBOWASH** are described below. Before installation, control the integrity and completeness of the equipment.



The installation and regulation of **MAMBOWASH** includes dangerous operations: these operations must be performed by qualified and responsible personnel. Carefully read the instructions outlined in this handbook: **GAMMA & BROSS** declines any and all responsibility for damages caused by the disregard for these instructions.

3.4 CONTROLS BEFORE CONNECTION & LAYING

Before assembling **MAMBOWASH**, it is better to control and eventually adjust implants in the installation location and to observe the following rules:

-) **The floor must be in accordance with the DIN 1055 B 1.3 and DIN 18560 T1. Rules**
-) **The electric system must be in accordance with the CEI 64.4 rules, it is made of differential protection wire (value <30mA) from 250V / 16A on.** The electrical equipment normally operates at a tension of 230 volts, 50-hertz frequency.
-) Check the status of the supply cable conductors and the ground conductor.
-) Control that an automatic interruption device against overloads with a cutout switch is installed.
-) **Connect the equipment's cable to the electrical socket with maximum care and in accordance with current regulations.**
-) The presence of power surges and equipment that creates electro-magnetic interference could damage the electronic parts of **MAMBOWASH**



It is prohibited to connect the electrical equipment directly to conductors of the location's power supply system: a breakdown in the power supply system could cause irreparable damage to the **MAMBOWASH** and grave injuries to anyone who is in contact with the shampoo system.

3.5 MAMBOWASH BASIC: CONNECTION & LAYING

- 1) Remove the **MAMBOWASH BASIC** and any packaging with maximum care and proceed to position the sink in the desired location
- 2) Unscrew the steel structure from the base panel.
- 3) Once the sink is positioned properly, remove the metal rear cover, placed behind the column, by unscrewing the fixing bolts. Fix the metal column to the floor with the appropriate anchoring blocks, or if the floor is not sufficiently compact, with a chemical anchoring agent (not provided) , Pull down drain pipe, hot & cold feed pipes. Proceed with the hydraulic connections, making sure to verify the easy movement of the sink with its maximum range of tilting. When wall plumbing is needed, lay down the drain pipe on the slant, minimum 1 cm per meter (fig.1 – 2 – 3 – 4 - 5 – 6 – 7 - 8)



The aluminum cover and the metallic parts of the levers can be sharp: use protective gloves.

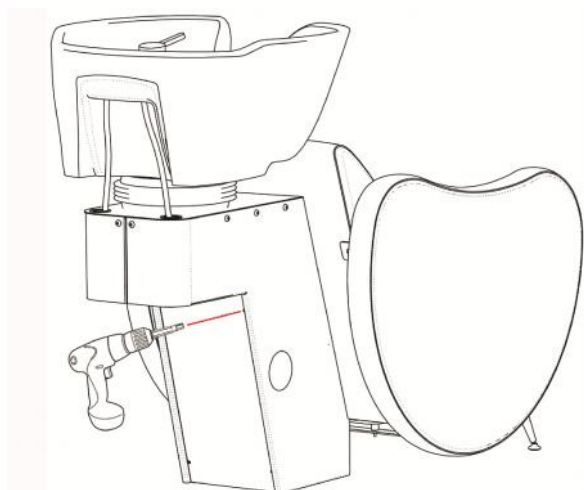


Fig.1

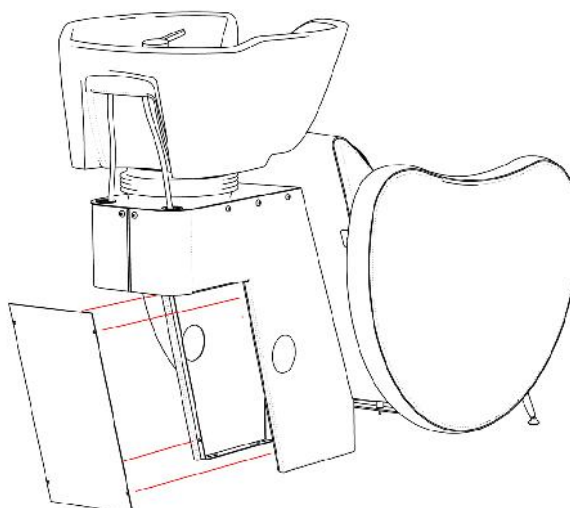


Fig.2

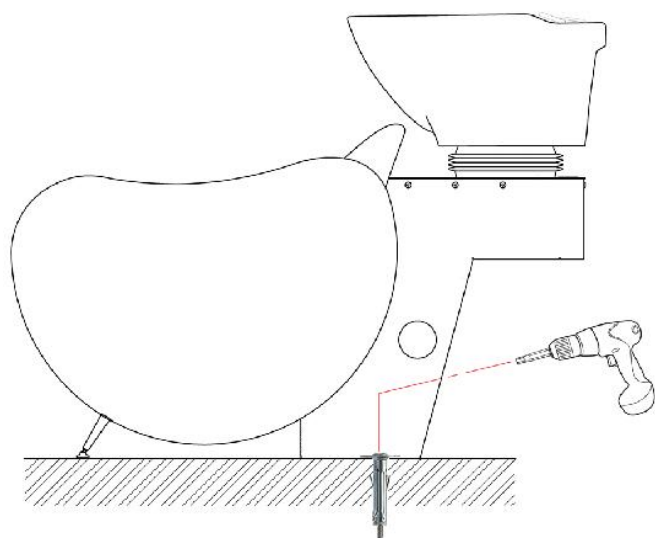


Fig.3

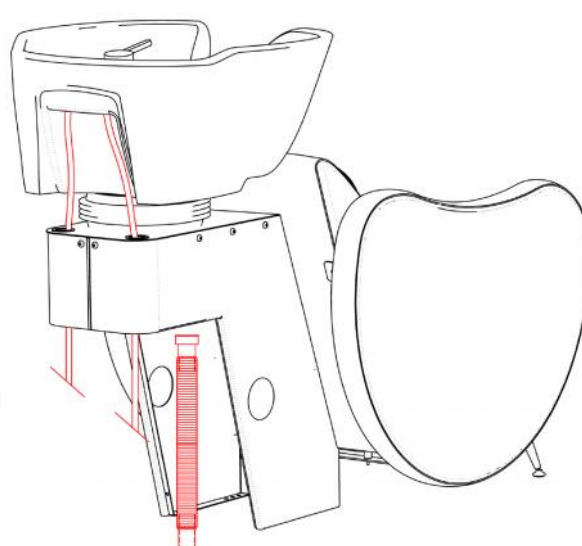


Fig.4

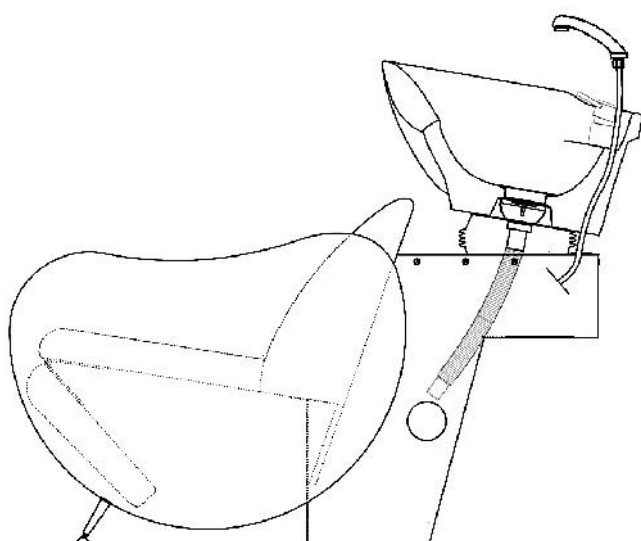


Fig.5



WARNING: Before attaching the taps, it is mandatory to clean out the hydraulic implant to avoid that residual sand and impurities clog the taps and damage the sophisticated ceramic mixers.

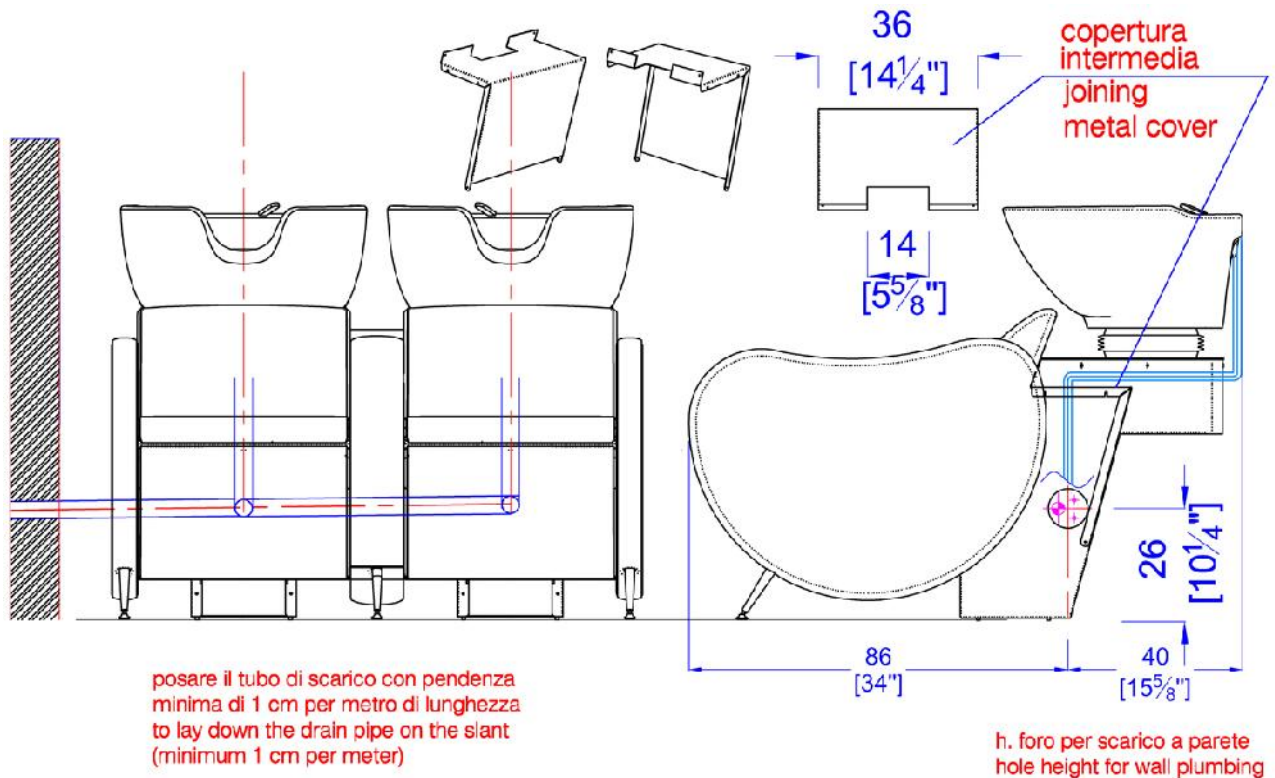


Fig.6

3.5 MAMBOWASH ELECTRIC: CONNECTION & LAYING

- 1) Remove the **MAMBOWASH ELECTRIC** and any packaging with maximum care and proceed to position the sink in the desired location
- 2) Unscrew the steel structure from the base panel.
- 3) Once the sink is positioned properly, remove the metal rear cover, placed behind the column, by unscrewing the fixing bolts, Fix the metal column to the floor with the appropriate anchoring blocks, or if the floor is not sufficiently compact, with a chemical anchoring agent (not provided) .Cut with a scissors the plastic ties that fix the wound up electric feeding cable. extract the feeding cable out of the leg-raise control box and connect to the provided electric socket flush to the floor (fig.7 – 8 – 9 – 10 - 11)



The aluminum cover and the metallic parts of the levers can be sharp: use protective gloves.

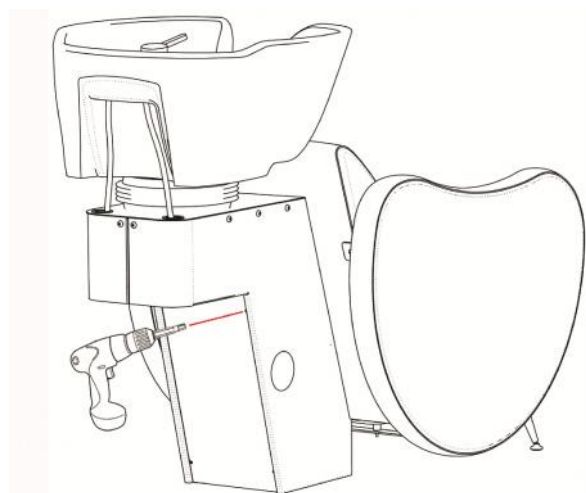


Fig.7

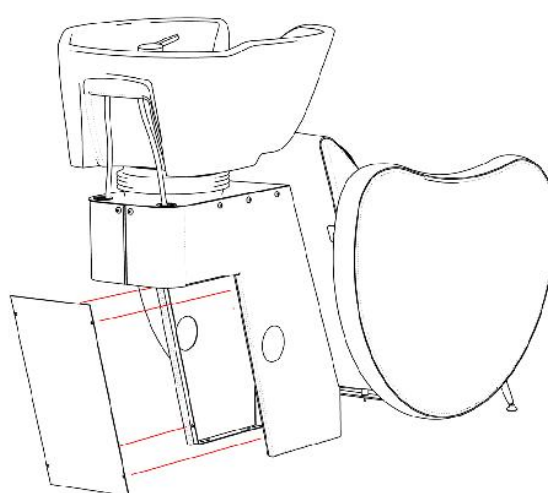


Fig.8

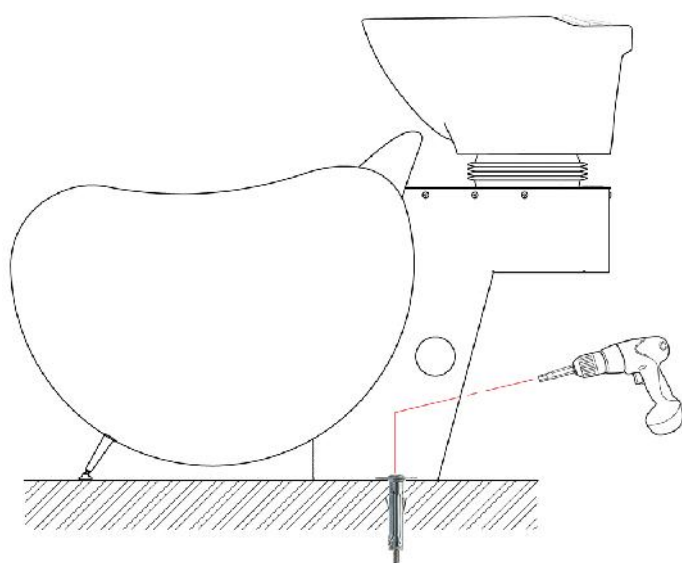


Fig.9



Fig.10

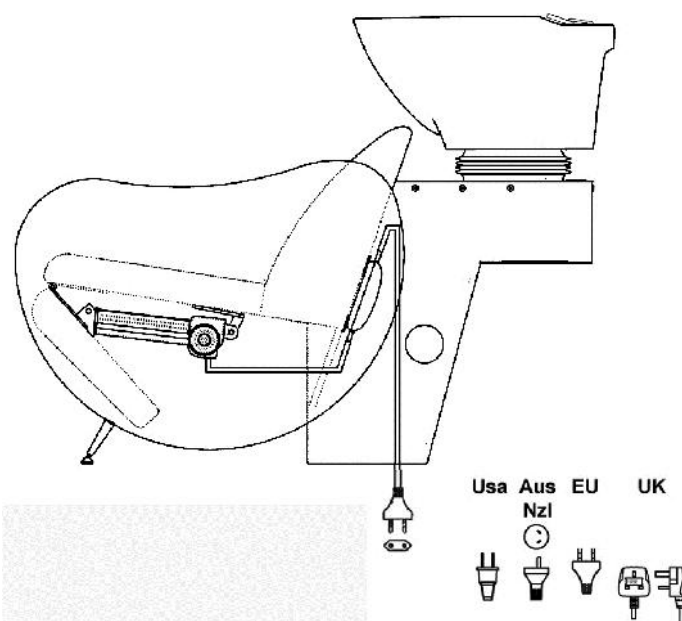


Fig.11

4) Pull down drain pipe, hot & cold feed pipes. Proceed with the hydraulic connections, making sure to verify the easy movement of the sink with its maximum range of tilting

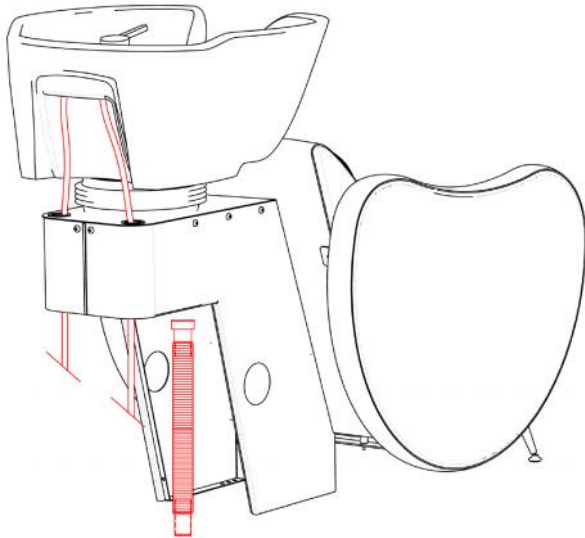


Fig.12

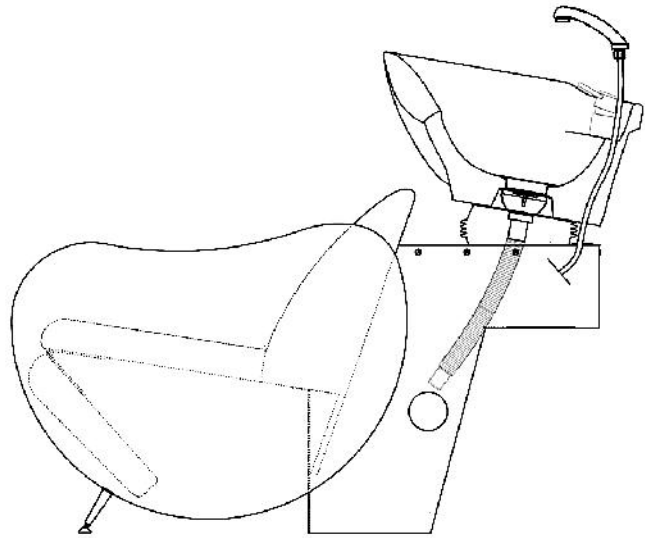


Fig.13



WARNING: Before attaching the taps, it is mandatory to clean out the hydraulic implant to avoid that residual sand and impurities clog the taps and damage the sophisticated ceramic mixers.

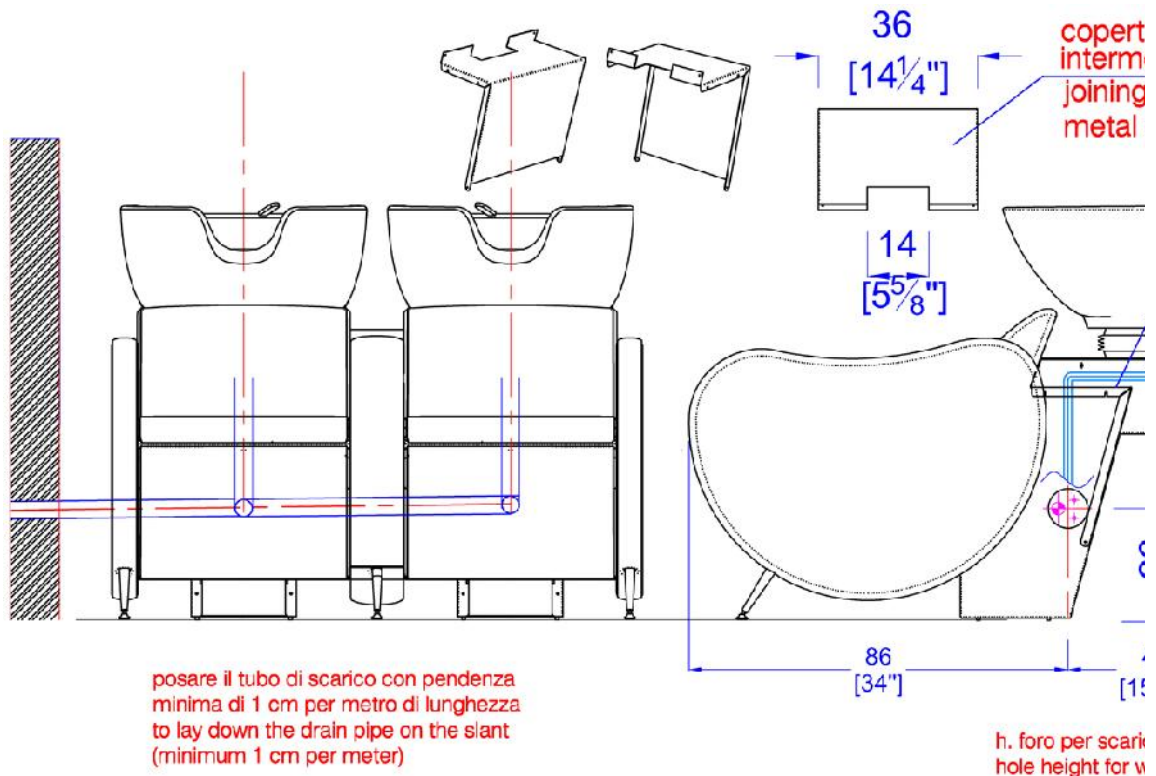


Fig.14

3.6 MAMBOWASH SHIATSU: CONNECTION & LAYING



In the Shiatsu version, do not ever force the opening of the seat, avoid the misplacement of the pneumatic equipment's never pull the ribbon on the tubes to avoid removing the compressor or, even worse, from the internal massaging panel in the seat.

- 1) Remove the **MAMBOWASH SHIATSU** and any packaging with maximum care and proceed to position the sink in the desired location
- 2) Unscrew the steel structure from the base panel.
- 3) Once the sink is positioned properly, remove the metal rear cover, placed behind the column, by unscrewing the fixing bolts, Fix the metal column to the floor with the appropriate anchoring blocks, or if the floor is not sufficiently compact, with a chemical anchoring agent (not provided) .The electric feeding cable of the leg-raise comes into a shunt box. The AIR SHIATSU MASSAGE pump has a cable that comes into the shunt box, too. Go into the shunt box with the cable that comes out from the floor (fig.14 – 15 – 16 – 17 - 18)

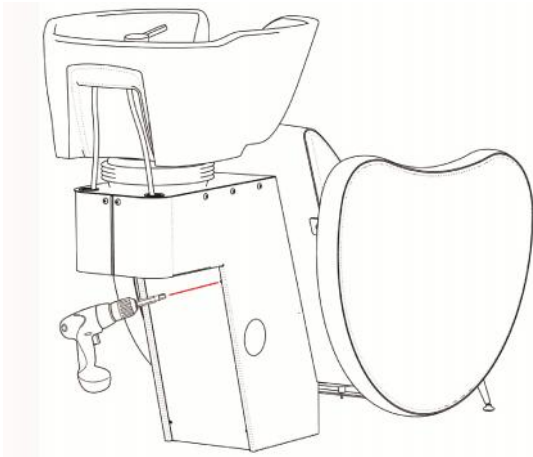


Fig.15

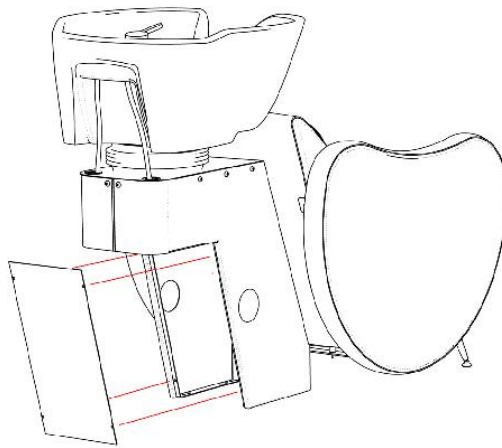


Fig.16

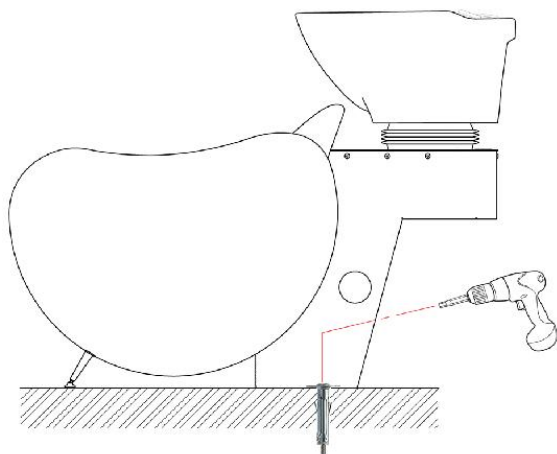


Fig.17

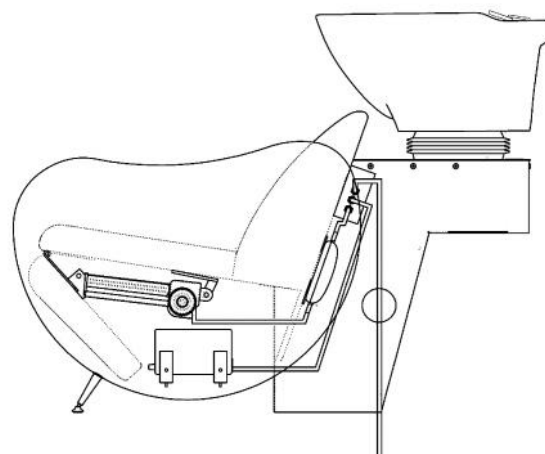


Fig.18

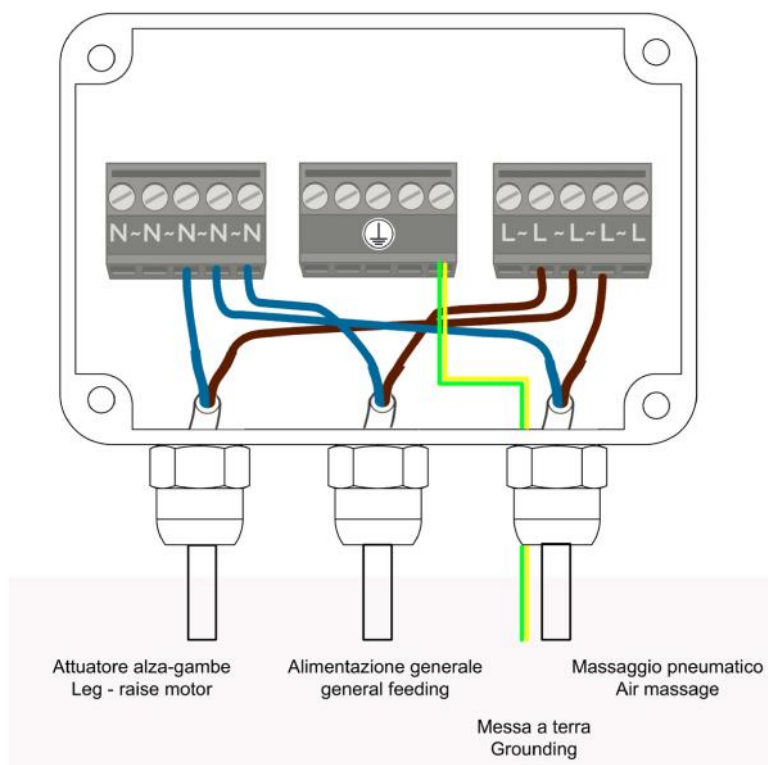


Fig.19

- 4) Pull down drain pipe, hot & cold feed pipes trough the hole. Proceed with the hydraulic connections, making sure to verify the easy movement of the sink with its maximum range of tilting.(fig.7)

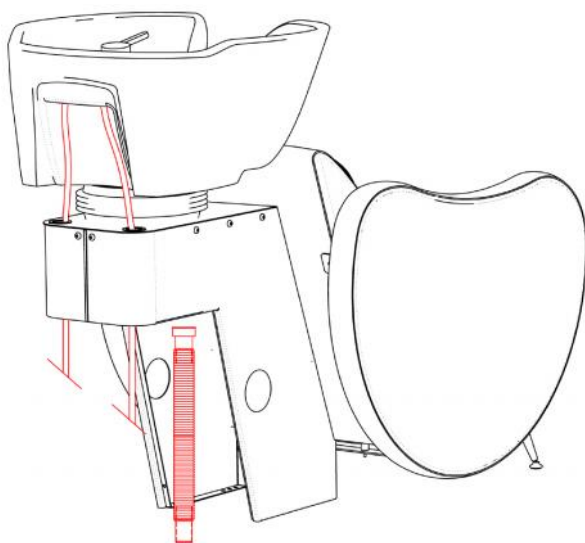


Fig.20

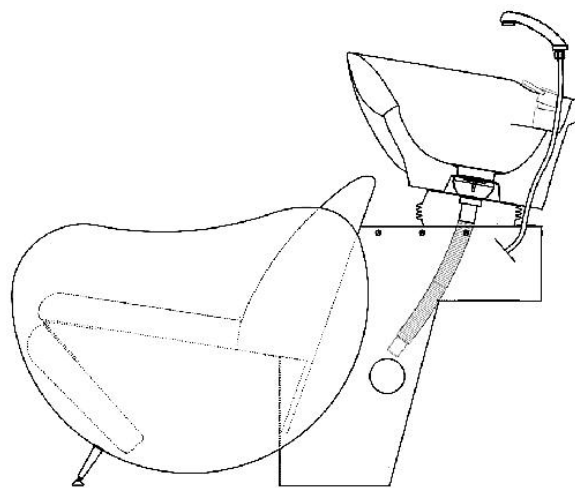


Fig.21



Verify the exact position to make sure that the levers do not touch the covering during movement

3.7 MAMBOWASH: CONNECTION & LAYING MODULAR UNIT (2 – 3 – N.. SEATS)

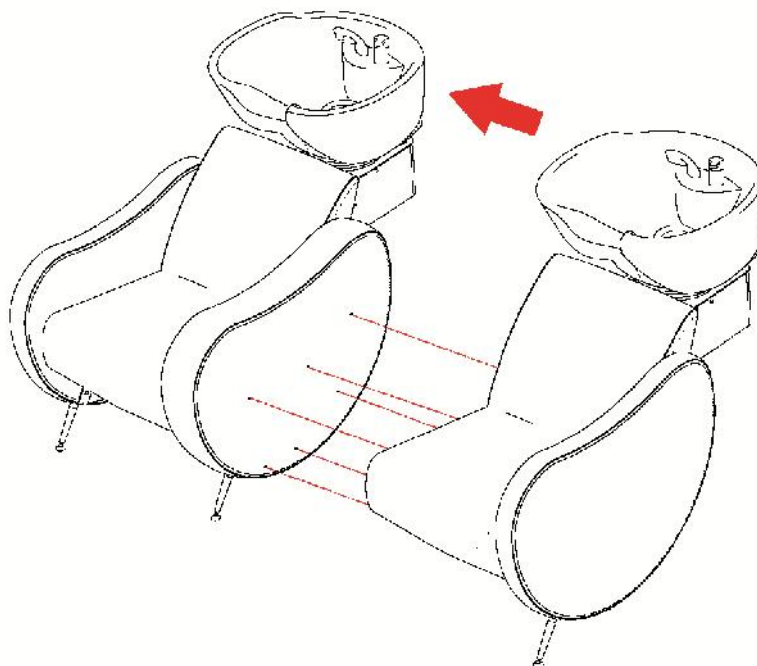


Fig.22

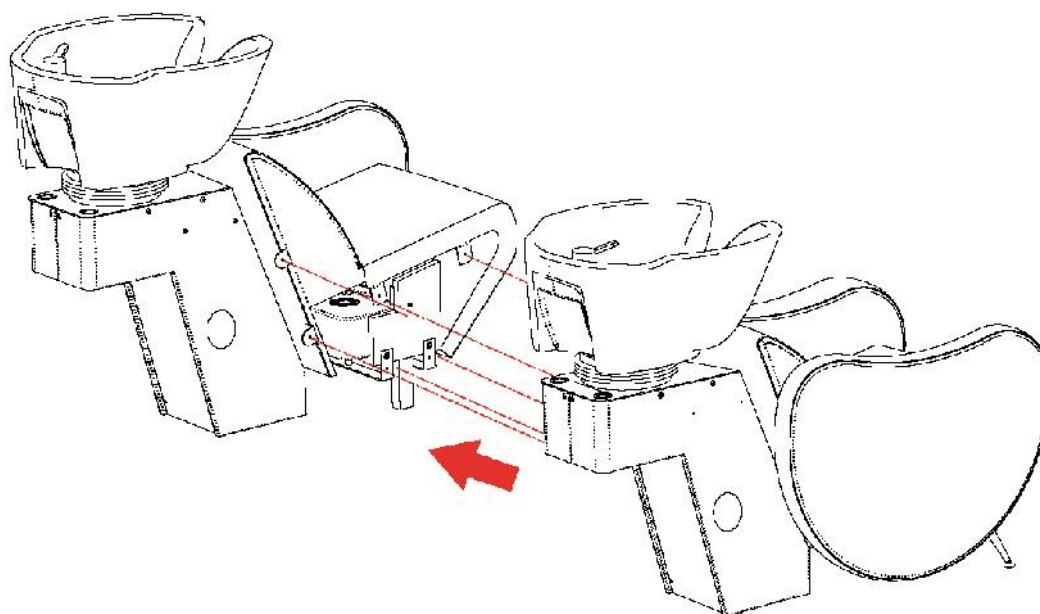


Fig.23

- 1) Assemble the modular units by using n°6 screws for wood bushes, which are located in the armrest. Keep the small wood panel on
- 2) **Don't disassemble the wood panel, but only the vertical beam that lift the backwash from the ground**

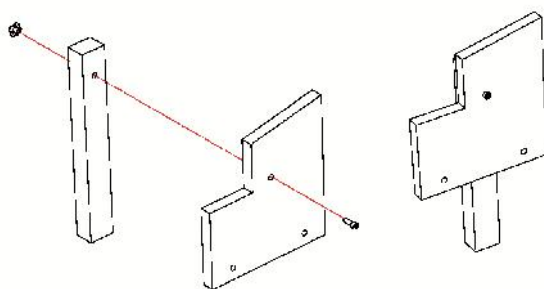


Fig.24

- 3) Remove the caps from the rear columns

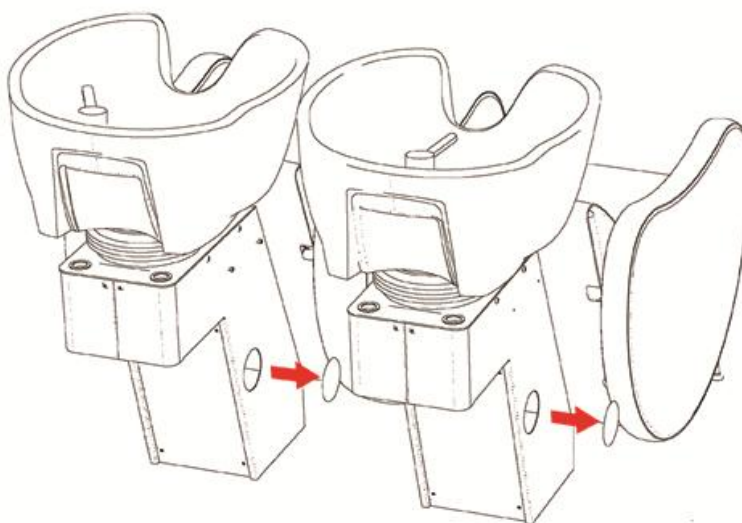


Fig.25

- 4) Set the hydraulic link of the array units

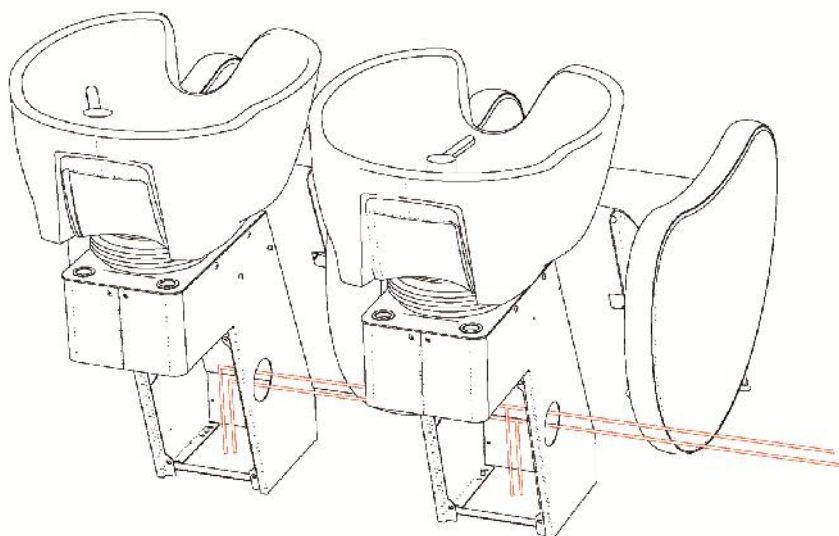


Fig.26

5) Hang & fix the middle shelf

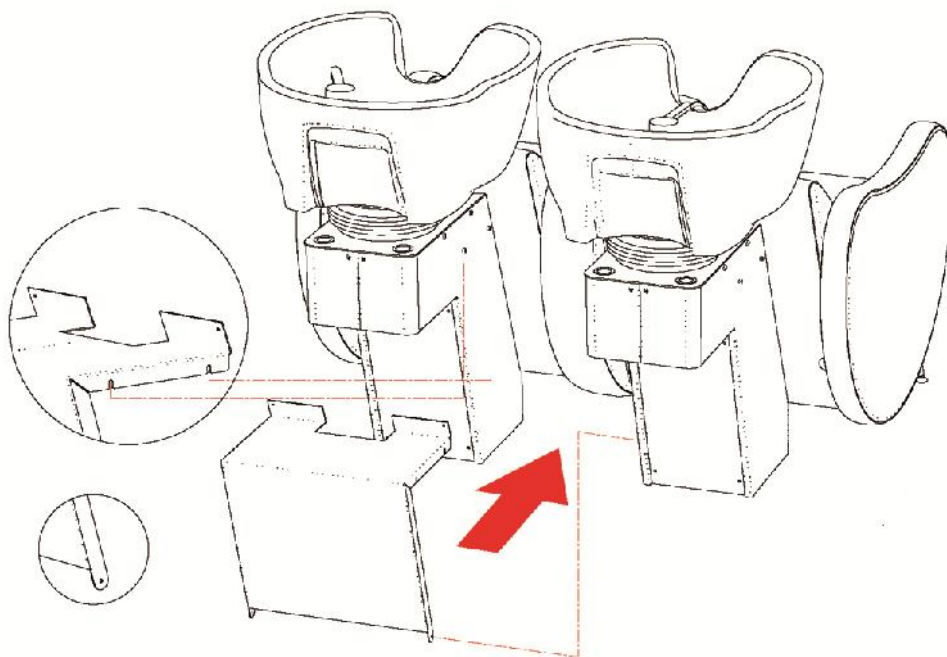


Fig.27

6) Hang & fix the end shelf towards the wall

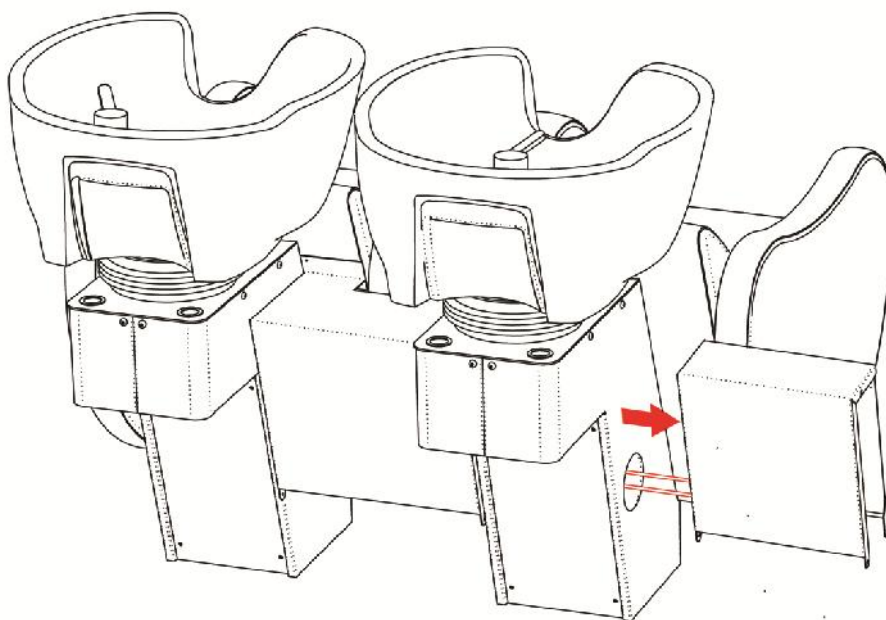


Fig.28

- 7) When the drain is on the floor and out from the base of the column, it's possible to add an optional, extended rear cover, to be fixed with screws to the back of the column

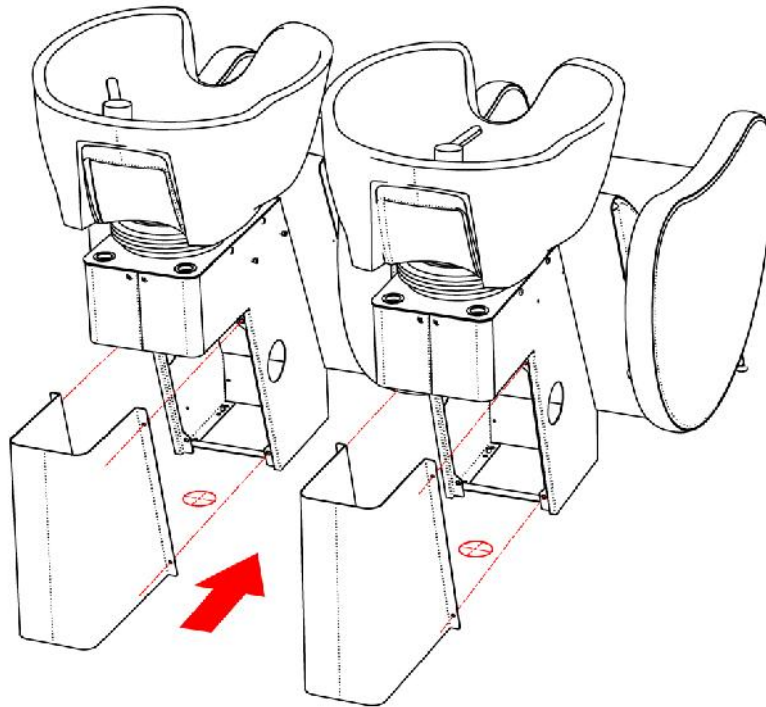


Fig.29

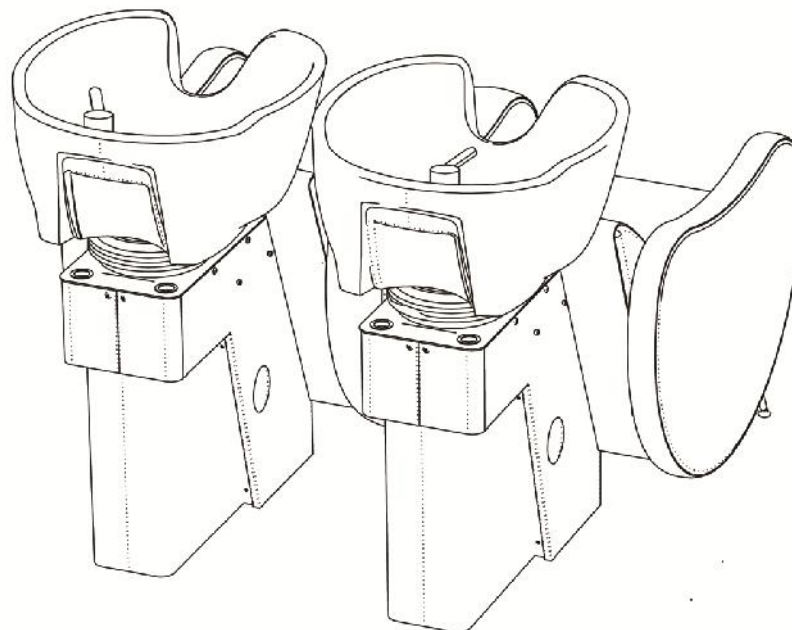


Fig.30

CHAPTER 4

INSTRUCTION FOR USE

4.1 WARNINGS BEFORE USE

-) **Do not sit on the leg rest for any reason when the leg rest is lifted up** and the chair is in relax position.
-) The shiatsu massage must be switched on only and exclusively when the chair is in the relax position.
-) The electronic switchboard of the shampoo system might be affected by malfunctions if there are power surges or electro-magnetic interference, which can be caused by hair dryers or other equipment that is not adequately protected.

4.2 USING THE WASH FUNCTION

Before operating the **MAMBOWASH**, check the efficiency of the equipment and train yourself with the command devices.

The sink can be positioned manually with precision at the nape of the client's neck by using the tilting system.

The chair's movements and massage are activated and controlled through the remote control.

The instructions for use of the various commands provided with the different models are listed below.

4.3 SEAT MOTION REMOTE CONTROL FOR MAMBOWASH ELECTRIC

List of functions:

- Button **A**: Lift up the seat & the leg rest in relax position
- Button **B**: collapse down the seat & the leg rest .

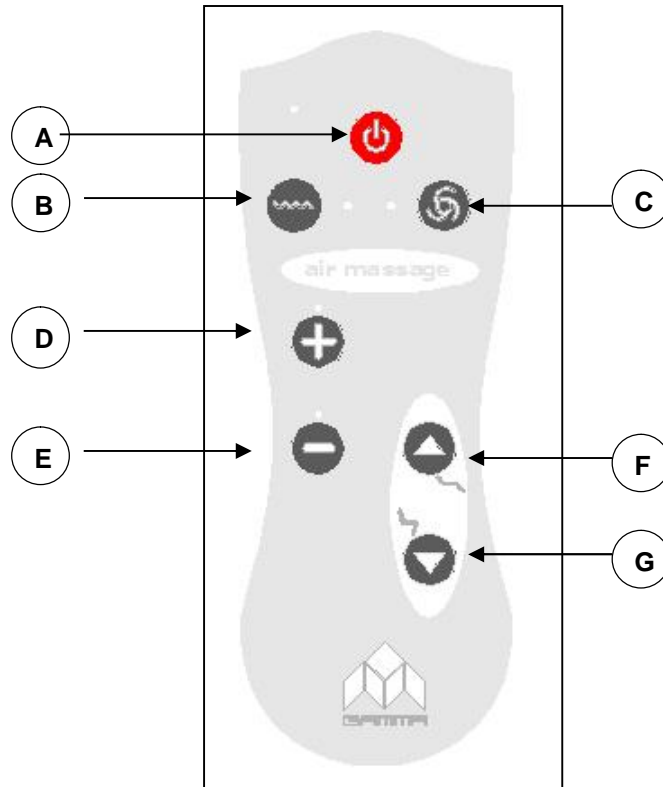


4.4 SEAT MOTION & MESSAGE REMOTE CONTROL FOR MAMBOWASH SHIATSU

At the first connection of electricity, it is necessary to wait 7 minutes before activating any command while the microprocessor resets. This procedure takes place after every electrical breakdown.

The massage cycle program is pre-set to last 15 minutes; At the end of the cycle, the air massage switch off automatically.

Push the red button of the remote control to restart the massage



Seat motion & massage control list:

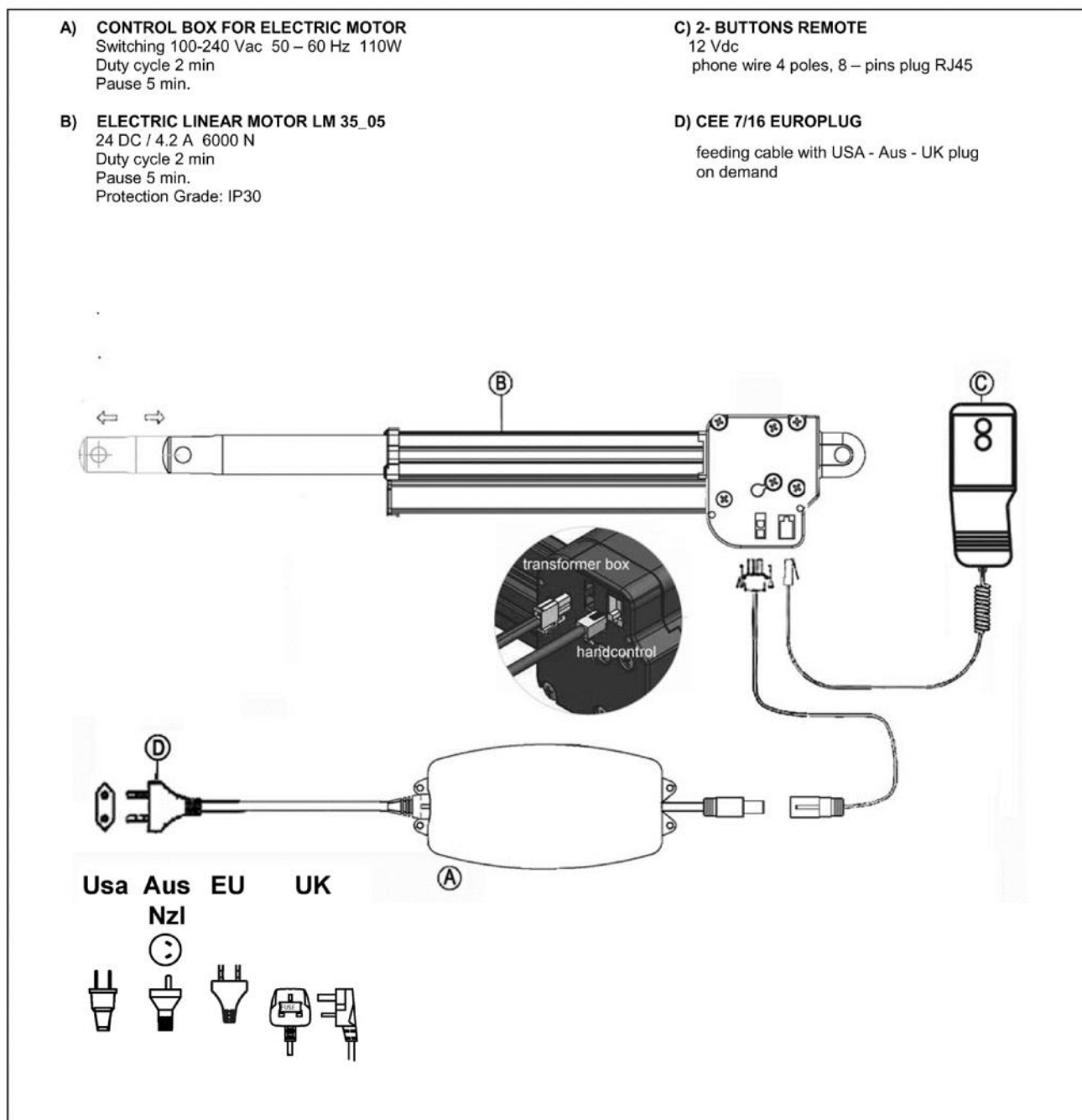
- **Button A:** switch on and off the massage
- **Button B:** the air flow inflates the air chambers in order
- **Button C:** the air flow inflates the air chambers with a random sequence
- **Button D:** Increases the intensity of the massage by decreasing the flow speed
- **Button E:** Decrease the intensity of the massage
- **Button F:** Lift up the the seat & the leg rest in relax position
- **Button G:** Bring down the seat & the leg rest
- **Power – on lights:** indicate the increase and decrease of the massage intensity

WARNING: when turning off the massage function, wait a few seconds before bringing the chair into the sitting position to allow the mattress to totally deflate.

CHAPTER 5

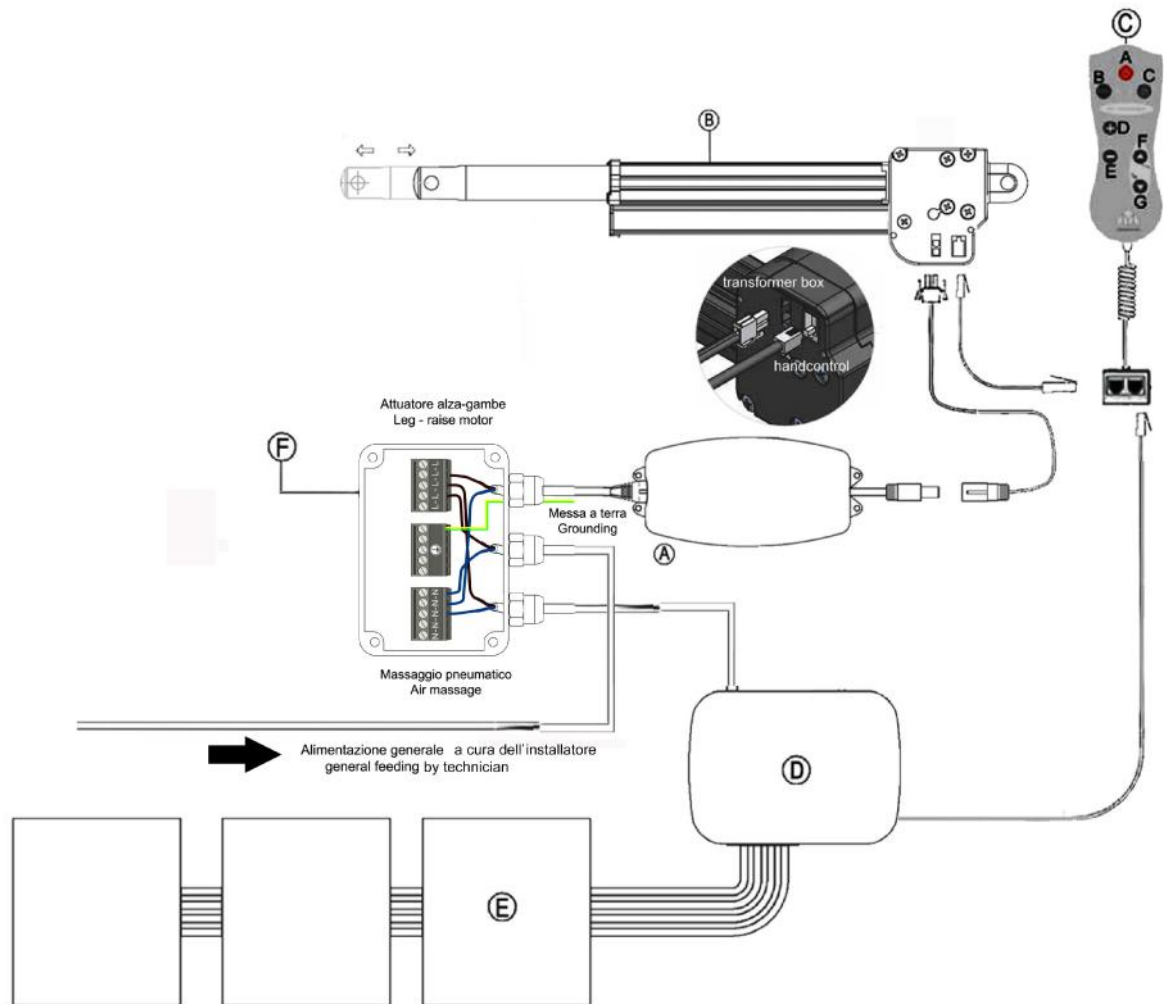
TECHNICAL SCHEME

5.1 ELECTRICAL LAY-OUT MAMBOWASH ELECTRIC



5.2 ELECTRICAL LAY-OUT MAMBOWASH SHIATSU

- | | | |
|--|--|--|
| <p>A) CONTROL BOX FOR ELECTRIC MOTOR
 Switching 100-240 Vac 50 – 60 Hz 110W
 Duty cycle 2 min
 Pause 5 min.</p> | | <p>D) SHIATSU AIR MASSAGE SYSTEM
 Pneumatic Pump 40W 13V / 2.5A
 50 – 60 Hz</p> |
| <p>B) ELECTRIC LINEAR MOTOR LM 35
 24 DC / 4.2 A 6000 N
 Duty cycle 2 min
 Pause 5 min.
 Protection Grade: IP30</p> | | <p>E) AIR INFLATED MAT</p> |
| <p>C) 7- BUTTONS REMOTE CONTROL
 12 Vdc.
 phone wire 4 poles, 8 – pins plug RJ45</p> | | <p>F) SHUNT BOX</p> |



5.3 HYDRAULIC LAY OUT – MAMBOWASH

MIXER + SHOWER MOD. GM502.020 ECOMIX GAMOX

Testing pressure 15 bar

MIXER + SHOWER MOD. GM509.020 STANDARD U.S.A. GAMOX

Testing pressure 15 bar

USE LIMIT UNI 10234 EN (817)

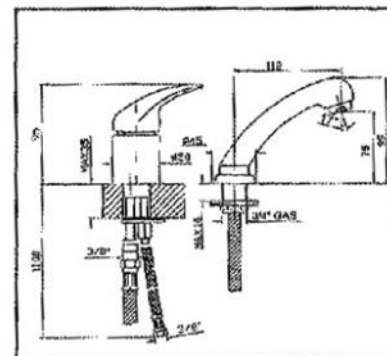
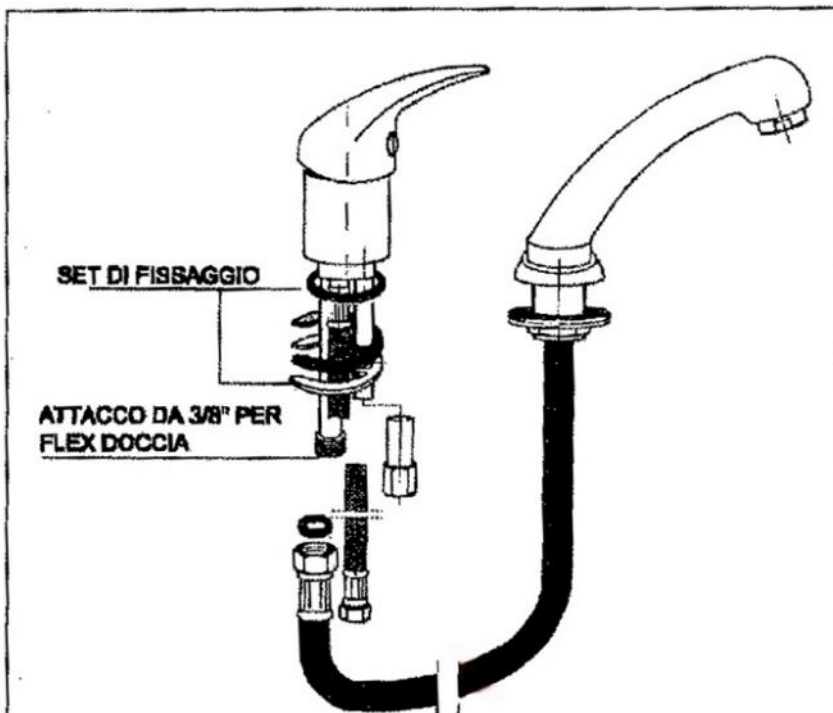
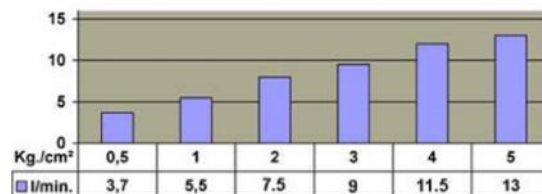
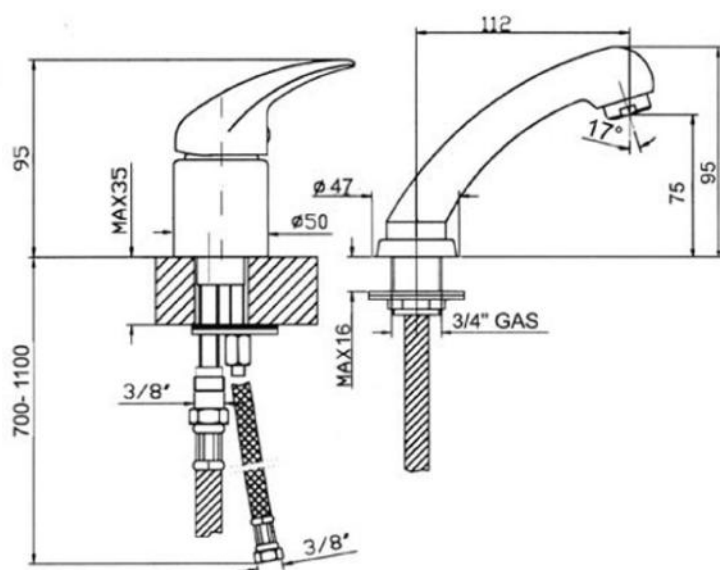
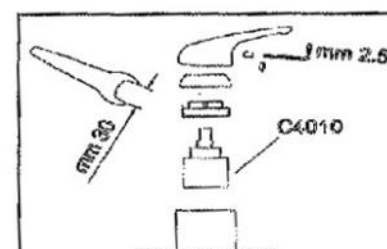
Pressure MIN 0.5 bar MAX 10 bar

Temperature MAX 90°.

SUGGESTED USE LIMIT FOR CORRECT WORKING

Pressure MIN 0.5 bar MAX 5 bar

Temperature MAX 65°


MANUTENZIONE


CHAPTER 6

CLEANING AND MAINTENANCE

6.1 PLANNED MAINTENANCE

To guarantee efficiency of the **MAMBOWASH** over time and its correct functioning, it is necessary to follow the instructions outlined below.

- The cleaning of the ceramic sink, plastic base and taps must be performed regularly with water and suitable commercial products containing neutral detergents.
- The use of solvents, acids and abrasive detergents is strictly prohibited.
- The use of metallic scrubbers or other abrasive sponges is strictly prohibited.
- Hair color stains must be immediately removed to avoid that they permanently stain the surface of the sink.
- Immediately remove hair and residual material to avoid the drain trap and drain.
- Periodically clean the drain pipe of the plumbing implant (not provided).
- Periodically clean the showerhead aerator by unscrewing it from its seat. Replace it if it is too clogged or encrusted with hard water deposits.



WARNING: Commercial hard water deposit removal products contain solvents and acids that corrode chrome-plated surfaces, and are hazardous to your health through inhalation and contact.

- The surface of the chair must be regularly cleaned with a soft cloth or sponge, water and neutral detergent.
 - The use of solvents, acids, detergents or abrasive materials is strictly prohibited. These substances would harm the superficial protection of the eco leather, compromising its resistance to stains.
 - Strict avoid staining the chair with hair color: it is impossible to remove hair color stains.
- In case of accidental staining, remove the material as soon as possible to avoid further damage.

6.3 EXTRAORDINARY MAINTENANCE:

Extraordinary maintenance operations (component repairs, cleaning of the internal parts) can only be performed by specialized personnel that are authorized by the Manufacturer. Interventions on the electrical implant are considered to be extraordinary, as they require specialized personnel.



it is mandatory to remove the plug from the electrical socket before attempting any extraordinary maintenance operation.

6.4 TECHNICAL ASSISTANCE:

Maintenance must be performed in accordance with the instructions contained in this manual. For all cases not described herein and for any type of assistance, contact the Manufacturer directly and provide the following information:

- **Model**
- **Client reference**
- **Order number or D.D.T.**
- **The date of delivery**

The correct information guarantees rapid and precise response.

If the maintenance operations on the **MAMBOWASH** are not performed in accordance with the provided instructions, with non-original spare parts or without the written authorization of the Manufacturer, or in any way compromises its integrity or modifies its characteristics, **GAMMA & BROSS** will not be held responsible

for the safety of persons and the malfunctioning of the **MAMBOWASH**. Any unauthorized intervention renders the warranty conditions null and void.

CHAPTER 7

HINTS FOR WASTE DISPOSAL

At the end of the product service life, its disposal must be carried out taking into account the environment conservation following specific regulations.

It is recommended to dispose of the product in the corresponding ecological areas.

It is recommended to strictly follow the regulations in force regarding separate collection.

DECLARATIONS OF CONFORMITY

GAMMA & BROSS S.p.A.
 VIA MAZZINI, 62/E - 46043 CASTIGLIONE DELLE STIVIERE (MN) ITALY
 PH. +39 0376 632630 - FAX +39 0376 636683
 Cap. Soc. € 755.000 - www.gamabross.com
 REA 158083 - Cod. Fisc. e Part. IVA IT 01431270204



CE – DECLARATION OF CONFORMITY

MANUFACTURER: Gamma & Bross S.p.A.
 Via Mazzini, 62/E
 46043 Castiglione delle Stiviere (MN)
 ITALY

EQUIPMENT:

GSMW011BN	MAMBOWASH "E" 1 POSTO SKAY NERO VASCA BIANCA
GSMW041BA	MAMBOWASH "E" 1 POSTO VASCA BIANCA
GSMW012BN	MAMBOWASH "E" 2 POSTI SKAY NERO VASCA BIANCA
GSMW042BA	MAMBOWASH "E" 2 POSTI VASCA BIANCA
GSMW013BN	MAMBOWASH "E" 3 POSTI SKAY NERO VASCA BIANCA
GSMW043BA	MAMBOWASH "E" 3 POSTI VASCA BIANCA
GSMW066BA	MAMBOWASH "E" CENTRALE VASCA BIANCA
GSMW064BA	MAMBOWASH "E" DESTRO VASCA BIANCA
GSMW065BA	MAMBOWASH "E" SINISTRO VASCA BIANCA
GSMW001BN	MAMBOWASH 1 POSTO SKAY NERO VASCA BIANCA
GSMW031BA	MAMBOWASH 1 POSTO VASCA BIANCA
GSMW002BN	MAMBOWASH 2 POSTI SKAY NERO VASCA BIANCA
GSMW032BA	MAMBOWASH 2 POSTI VASCA BIANCA
GSMW003BN	MAMBOWASH 3 POSTI SKAY NERO VASCA BIANCA
GSMW033BA	MAMBOWASH 3 POSTI VASCA BIANCA
GSMW063BA	MAMBOWASH CENTRALE VASCA BIANCA
GSMW061BA	MAMBOWASH DESTRO VASCA BIANCA
GSMW021BN	MAMBOWASH SHIATSU 1 POSTO SKAY NERO VASCA BIANCA
GSMW051BA	MAMBOWASH SHIATSU 1 POSTO VASCA BIANCA
GSMW022BN	MAMBOWASH SHIATSU 2 POST1 SKAY NERO VASCA BIANCA
GSMW052BA	MAMBOWASH SHIATSU 2 POSTI VASCA BIANCA
GSMW023BN	MAMBOWASH SHIATSU 3 POSTI SKAY NERO VASCA BIANCA
GSMW053BA	MAMBOWASH SHIATSU 3 POSTI VASCA BIANCA
GSMW069BA	MAMBOWASH SHIATSU CENTRALE VASCA BIANCA
GSMW067BA	MAMBOWASH SHIATSU DESTRO VASCA BIANCA
GSMW068BA	MAMBOWASH SHIATSU SINISTRO VASCA BIANCA
GSMW062BA	MAMBOWASH SINISTRO VASCA BIANCA

Is herewith confirmed that the summentioned products comply with the requirements set out in the Council Directive, the following Standards were applied:

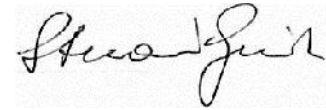
2014/30/UE Directive 2014/30/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to **ELECTROMAGNETIC COMPATIBILITY -EMC** (recast)

2014/35/UE Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits (recast) – **LOW VOLTAGE DIRECTIVE - LVD**

CASTIGLIONE DELLE STIVIERE, OCTOBER 9th 2019

LEGAL REPRESENTATIVE SIGNATURE

Guido Stuani – Presidente



THE UNDERSIGNED HEREBY DECLARES THAT THE ABOVE MENTIONED GOODS ARE ENTIRELY IN CONFORMITY WITH THE SUMMENTIONED EEC RULES

Gamma & Bross S.p.A. - via Mazzini, 62/E – 46043 – Castiglione delle Stiviere (MN) – ITALY – Tel. (+39) 0376 632630 – Fax (+39) 0376 636683

Cod. Fisc e P.IVA IT 01431270204 REA 158093 Cap. Soc. Euro 765.000

The electrical components installed in the shampoo chair **MAMBOWASH** comply with standards as stated in this declaration

CE DECLARATION OF CONFORMITY - KIT ELECTRIC MOTOR + CONTROL BOX + REMOTE CONTROL



DICHIARAZIONE DI CONFORMITÀ CE

PRODUTTORE:

CIAR SPA
VIA MOLARONI 3
61122 BORGO S. MARIA
PESARO ITALY

DESCRIZIONE PRODOTTO:

N500092390	ATTUATORE LM35_05 C. 67 CH.314
N500070086	TRASFORMATORE PS10 100-240VAC/29VDC 2A
N400010429	PROLUNGA PRESA DC D.5,5x2,5 + MINIFIT JR 2P/F. 90° H03VVH2-F
N400010334	CAVO ALIMENTAZIONE SPINA UK3P+IEC-320 C7 2x0,75P_3m
6000120009	PULSANTIERA HCU12 M1

CON LA PRESENTE CONFERMIAMO CHE IL SOPRA CITATO PRODOTTO È CONFORME ALLE DISPOSIZIONI DI LEGGE EUROPEE SEGUENTI

2014/30/EU

DISPOSIZIONE DI LEGGE DEL PARLAMENTO EUROPEO PER L'ALLINEAMENTO DELLE LEGGI DEGLI STATI MEMBRI A PROPOSITO DELLA TOLLERABILITÀ ELETTROMAGNETICA. (EMC)
CISPR 14-1:2005+A1:2008+A2:2011 EN55014-1:2006 +A1:2009+A2:2011
CISPR 14-2:1997+A1:2001+A2:2008 EN55014-2:1997 +A1:2001+A2:2008
EN61000-3-2:2014
EN61000-3-3:2013
EN62233:2008

2014/35/EU

DISPOSIZIONE DI LEGGE DEL PARLAMENTO EUROPEO PER L'ALLINEAMENTO DELLE LEGGI DEGLI STATI MEMBRI A PROPOSITO DELLA "BASSA TENSIONE". (LVD)
IEC 60950 - 1:2005 (2 Ed)+Am1:2009
EN 60950 - 1:2006/A11:2009/A1:2010/A12:2011

2009/125/EC

DISPOSIZIONE DI LEGGE DEL PARLAMENTO EUROPEO PER DIRETTIVA ERP PER TALE KIT SONO RISPETTATE LE SEGUENTI NORME:
EC 278/2009
EC 1275/2008

2011/65/EU

DISPOSIZIONE DI LEGGE DEL PARLAMENTO EUROPEO PER LA RESTRIZIONE DI ALCUNE SOSTANZE PERICOLOSE NEI DISPOSITIVI ELETTRICI ED ELETTRONICI

PESARO Settembre 27 2018

ING. LAMBERTO FABRI

ciar S.p.A.
Via Vincenzo Molaroni, n. 3
Loc. Borgo S. Maria-61100 PESARO (PU)
C. F. e Part. IVA 00440110419



588 West Jindu Road, Songjiang District, Shanghai, China
Telephone: +86 (0) 21 6191 5666
Fax: +86 (0) 21 6191 5678
ee.shanghai@sgs.com

VERIFICATION OF COMPLIANCE

Verification No.: SHEM131100216201HSC
Applicant: Anhui Jiugong Science and Technology Industrial Co., Ltd
Address of Applicant: Hexian Economic Development Zone Anhui Province
Product Description: Massage mattress
Model No: JGM2000
Sufficient samples of the product have been tested and found to be in conformity with
Test Standard: EN 55014-1:2006+A1:2009+A2:2011
EN 55014-2:1997+A1:2001+A2:2008
EN 61000-3-2:2006+A1:2009+A2:2009
EN 61000-3-3:2008
as shown in the
Test Report Number(s): SHEM131100216201

This verification of EMC Compliance has been granted to the applicant based on the results of the tests, performed by laboratory of SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. on the sample of the above-mentioned product in accordance with the provisions of the relevant specific standards and Directive 2004/108/EC. The affixing of the CE marking presumes in addition that the conditions in annexes III and V of the Directive are fulfilled.




Tony Wu
E&E Section Manager
SGS-CSTC (Shanghai) Co., Ltd.



Copyright of this verification is owned by SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. and may not be reproduced other than in full and with the prior approval of the General Manager. This verification is subjected to the governance of the General Conditions of Services, printed overleaf.

Member of SGS Group (Société Générale de Surveillance)

Note: You may contact us to validate this document by email address: ee.shanghai@sgs.com

	Ref. Certif. No. BE-4729		
IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME SYSTEME CEI D'ACCEPTATION MUTUELLE DE CERTIFICATS D'ESSAIS DES EQUIPEMENTS ELECTRIQUES (IECEE) METHODE OC			
<table style="width: 100%;"> <tr> <td style="width: 40%; vertical-align: top;"> CB TEST CERTIFICATE Product Produit Name and address of the applicant Nom et adresse du demandeur Name and address of the manufacturer Nom et adresse du fabricant Name and address of the factory Nom et adresse de l'usine <small>Note: When more than one factory, please report on page 2 Note: Lorsque il y a plus d'une usine, veuillez utiliser la 2^{ème} page</small> Ratings and principal characteristics Valeurs nominales et caractéristiques principales Trademark (if any) Marque de fabrique (si elle existe) Type of Manufacturer's Testing Laboratories used Type de programme du laboratoire d'essais constructeur Model / Type Ref. Ref. De type Additional information (if necessary may also be reported on page 2) Les informations complémentaires (si nécessaire, peuvent être indiquées sur la 2^{ème} page A sample of the product was tested and found to be in conformity with Un échantillon de ce produit a été essayé et a été considéré conforme à la As shown in the Test Report Ref. No. which forms part of this Certificate Comme indiqué dans le Rapport d'essais numéro de référence qui constitue partie de ce Certificat This CB Test Certificate is issued by the National Certification Body Ce Certificat d'essai OC est établi par l'Organisme National de Certification </td> <td style="width: 60%; vertical-align: top; padding: 10px;"> <div style="border: 1px solid black; padding: 5px;"> Massage Mattress Gamma & Bross S.p.A. via Mazzini, 62 / E 46043 Castiglione delle Stiviere (MN) ITALY Same as applicant Same as applicant <input type="checkbox"/> Additional Information on page 2 220 V - 240 V; 50 Hz / 60 Hz; 30 W; Class II — — JGM2000 — <input type="checkbox"/> Additional Information on page 2 IEC 60335-2-32: 2002(ed. 4.0) + A1: 2008 IEC 60335-1: 2010(ed. 5.0) National Differences: EU Group Differences SHES131100423301 </div> </td> </tr> </table>		CB TEST CERTIFICATE Product Produit Name and address of the applicant Nom et adresse du demandeur Name and address of the manufacturer Nom et adresse du fabricant Name and address of the factory Nom et adresse de l'usine <small>Note: When more than one factory, please report on page 2 Note: Lorsque il y a plus d'une usine, veuillez utiliser la 2^{ème} page</small> Ratings and principal characteristics Valeurs nominales et caractéristiques principales Trademark (if any) Marque de fabrique (si elle existe) Type of Manufacturer's Testing Laboratories used Type de programme du laboratoire d'essais constructeur Model / Type Ref. Ref. De type Additional information (if necessary may also be reported on page 2) Les informations complémentaires (si nécessaire, peuvent être indiquées sur la 2 ^{ème} page A sample of the product was tested and found to be in conformity with Un échantillon de ce produit a été essayé et a été considéré conforme à la As shown in the Test Report Ref. No. which forms part of this Certificate Comme indiqué dans le Rapport d'essais numéro de référence qui constitue partie de ce Certificat This CB Test Certificate is issued by the National Certification Body Ce Certificat d'essai OC est établi par l'Organisme National de Certification	<div style="border: 1px solid black; padding: 5px;"> Massage Mattress Gamma & Bross S.p.A. via Mazzini, 62 / E 46043 Castiglione delle Stiviere (MN) ITALY Same as applicant Same as applicant <input type="checkbox"/> Additional Information on page 2 220 V - 240 V; 50 Hz / 60 Hz; 30 W; Class II — — JGM2000 — <input type="checkbox"/> Additional Information on page 2 IEC 60335-2-32: 2002(ed. 4.0) + A1: 2008 IEC 60335-1: 2010(ed. 5.0) National Differences: EU Group Differences SHES131100423301 </div>
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SGS Belgium NV - Division SGS CEBEC Riverside Business Park Avenue Internationalelaan 55, Build. D B-1070 Brussels, Belgium Date: 2013-12-31	Signature:  Andrew Zhai	
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Issued 2009-03 1 / 1 LTR361 201112
 This certificate is issued by the company under its General Conditions for Certification Services accessible at www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

CE DECLARATION OF CONFORMITY - TAPS & HYDRAULIC COMPONENTS



GAMOX S.R.L.
VIA DELL'IMPRESA, 21/23
46043 CASTIGLIONE DELLE STIVIERE (MN)
TEL. +39 0376 636954
FAX +39 0376 636954

C.F. P.I.E. 0186056015
C.H. SOC. 018452515
REG. IMP. MANFRA 4764258
R.E.A. MANFRA N° 204615

01/03/2012	Certificate of conformity	Mod/xx Rev:xx
------------	---------------------------	------------------

DECLARATION OF CONFORMITY Dichiarazione di conformità

Supplier's
Costruttore
Address
Indirizzo
GAMOX RUBINETTERIE S.R.L.
VIA DELL'IMPRESA, 21/23 46043 CASTIGLIONE DELLE STIVIERE (MN)
ITALY

Product Name
Nome del prodotto
MONOCOMANDO COMPLETO CON DOCCETTA
CARTUCCIA
DOCCETTA
SUPPORTO
MONOCOMANDO SOLO CORPO

Model
Modello
GM508.20
GA508.20
GA517.20
MA510.20
ST700.20

Con la presente confermiamo che il sopra citato prodotto è conforme alle disposizioni di legge Europee seguenti:

We hereby confirm that the above mentioned product complies with European law following:

EN 817 rubinetteria sanitaria, monocomandi
UNI 10234 rubinetteria sanitaria, monocomandi

- Point of contact:
- Contattare:

GAMOX RUBINETTERIE S.R.L.

01/03/2012

ste)

LUIGI GATTI

GAMOX

RUBINETTERIE S.R.L.

Via dell'Impresa, 21/23 - 46043 CASTIGLIONE DELLE STIVIERE (MN)
Tel. +39 0376 636954 - Fax +39 0376 636954
Cod. Fisc. n° 0186056015

Taps installed in the shampoo chair **MUU MUU WASH** complies with **IAPMO** regulations in force in the **USA** and **CANADA**

IAPMO DECLARATION OF CONFORMITY - TAPS & HYDRAULIC COMPONENTS

IAPMO RESEARCH AND TESTING, INC.

5001 East Philadelphia Street, Ontario, California 91761-2816 – USA • 909-472-4100 • 909-472-4244 • www.iapmort.org



CERTIFICATE OF LISTING

IAPMO Research and Testing, Inc. is a product certification body which tests and inspects samples taken from the supplier's stock or from the market or a combination of both to verify compliance to the requirements of applicable codes and standards. This activity is coupled with periodic surveillance of the supplier's factory and warehouses as well as the assessment of the supplier's Quality Assurance System. This listing is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO Research and Testing, Inc. of the product acceptance by Authorities Having Jurisdiction.

The most updated information on this Certificate of Listing is available online at pld.iapmo.org

Effective Date: February 2018

Void After: February 2019

Product: Plumbing Fixture Fittings

File No. 5526

Issued To: Gamox Rubinetterie Srl
Via Dell'impresa 21/23,
Castiglione Delle Stiviere
Mantova 46043,
Italy

Identification: Each fitting shall bear permanent legible markings to identify the manufacturer. This marking shall be the trade name, trademark, or other mark known to identify the manufacturer. The product shall also bear all other markings required by the standard. The marking shall be located where it can be readily seen after installation is complete. The product shall also bear the cUPC® certification mark.

Characteristics: Fittings may include lavatory, sink, bath & shower, lawn and sediment faucets. To be installed in accordance with the manufacturer's instructions and the requirements of the latest edition of the Uniform Plumbing Code.

Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the laboratory's compliance to the applicable requirements of ISO/IEC 17025.

Products are in compliance with the following code(s):


Chairman, Product Certification Committee


CEO, The IAPMO Group

This listing period is based upon the last date of the month indicated on the Effective Date and Void After Date shown above. Any change in material, manufacturing process, marking or design without having first obtained the approval of the Product Certification Committee, or any evidence of non-compliance with applicable codes and standards or of inferior workmanship, may be deemed sufficient cause for revocation of this listing. Production of or reference to this form for advertising purposes may be made only by specific written permission of IAPMO Research and Testing, Inc. Any alteration of this certificate could be grounds for revocation of the listing. This document shall be reproduced in its entirety.





IAPMO RESEARCH AND TESTING, INC. CERTIFICATE OF LISTING

Void After: February 2019

Product: Plumbing Fixture Fittings

File No. 5526

Issued To: Gamox Rubinetterie Srl

Uniform Plumbing Code (UPC®)
National Plumbing Code of Canada
International Plumbing Code (IPC®)

Products are in compliance with the following standard(s):

ASME A112.18.1-2012/CSA B125.1-12



IAPMO RESEARCH AND TESTING, INC.
CERTIFICATE OF LISTING

Void After: February 2019

Product: Plumbing Fixture Fittings

File No. 5526

Issued To: Gamox Rubinetterie Srl

MODELS:

<u>Model No.</u>	<u>Description</u>
GA509.20	
GA517.20	
MA510.20	
PIBBS565.20	Single control, shampoo faucet with spray head
ST700.20	



IAPMO RESEARCH AND TESTING, INC.
CERTIFICATE OF LISTING

Void After: February 2019

Product: Plumbing Fixture Fittings

File No. 5526

Issued To: Gamox Rubinetterie Srl

ADDITIONAL COMPANY INFO:

PIBBS Industries

<u>Model No.</u>	<u>Description</u>
565.20	Single control, shampoo faucet with spray head