

STREAMLINE BASIC PEDICURE SPA



USER'S MANUAL

Read carefully the instructions specified in this booklet
before using the pedicure spa



GAMMA & BROSS
Via Mazzini, 62/E
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CHAPTER 1

DESCRIPTION AND MAIN FEATURES

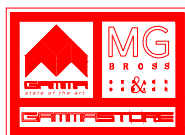
1.1 INTRODUCTION

This booklet contains the necessary instructions for installation, proper use and regular maintenance of **STREAMLINE BASIC PEDICURE SPA**, manufactured by **GAMMA & BROSS** spa in Castiglione delle Stiviere (Mantova) – Italy.

Here the user will find useful information regarding the safe use and proper maintenance of the **STREAMLINE PEDICURE BASIC SPA**.



This booklet is an integral part of the product and must be carefully kept in a safe place in order to consult it throughout the equipment service life. Copies of this user's manual are available upon request to:



GAMMA & BROSS
Via Ceratelli, 2
46043 Castiglione delle Stiviere (MANTOVA) - ITALY

The observance of and compliance with the instructions herein contained ensure the operator's safety and **STREAMLINE PEDICURE BASIC SPA** correct operation, low running costs and lifetime. It is compulsory to comply with the instructions in this booklet.



GAMMA & BROSS shall not be held responsible for any damages, direct or indirect, caused to people, animals or objects resulting from negligence or non-compliance with the instructions contained herein.

1.2 WARRANTY

GAMMA & BROSS guarantees **STREAMLINE BASIC PEDICURE SPA** and its accessories for a 12-month period from the purchase date. This warranty is understood as repair or replacement free of charge of those parts which, after a careful examination carried out by the Manufacturer Technical Service, are considered faulty, with the exception of all the electrical parts. Warranty is limited to defects on materials, and it ceases whenever the parts involved are tampered with or dismantled by unauthorised personnel. Responsibilities for direct or indirect damage to people, animals or things caused by failures or malfunctions of the equipment are excluded from the warranty. Expenses for transportation, VAT and others not specified in the supply agreement shall be charged to the buyer. The replacement or repair of warranted materials does not extend the warranty period.

The buyer shall have the right to exert his/her warranty rights only if the warranty terms and conditions specified in the supply agreement have been fulfilled. Whenever the parties do not intend to solve the controversies arising from the supply agreement in an arbitral award or in case a decision is requested to an ordinary Court, only the Court of Mantova shall have territorial jurisdiction.

1.3 EXCLUSIONS FROM WARRANTY

Upon delivery, it is necessary to check that the equipment has not been damaged during transportation and that the set of accessories is complete and in good condition. Claims must be filed within 8 days after the delivery of the **STREAMLINE BASIC PEDICURE SPA**. Apart from the cases specified in the supply agreement, **the warranty is void when:**

- The malfunctioning is attributable to the operator.
- The instructions in this booklet are not followed.
- The **STREAMLINE PEDICURE BASIC SPA** has suffered changes after repair operations performed by a third party unauthorised by **GAMMA & BROSS**.

1.4 DESCRIPTION

STREAMLINE PEDICURE BASIC SPA includes:

- Fibreglass sink fitted with hydro-massage system with 4 directional jets, anti-calcareous, with air regulation and sanitizing nozzle.

The self-draining system includes a "smartline" system of PVC antibacterial moulded tubes with no joints. The pump is thermoprotected at 140°.

The vacuum system has a safety valve which, in case of vacuum system obstruction, causes a cavitation effect that interrupts vacuum and allows obstruction removal.

- Single-lever mixer tap with delivery from the incorporated hand-held shower unit. Fitted with a non-return valve.

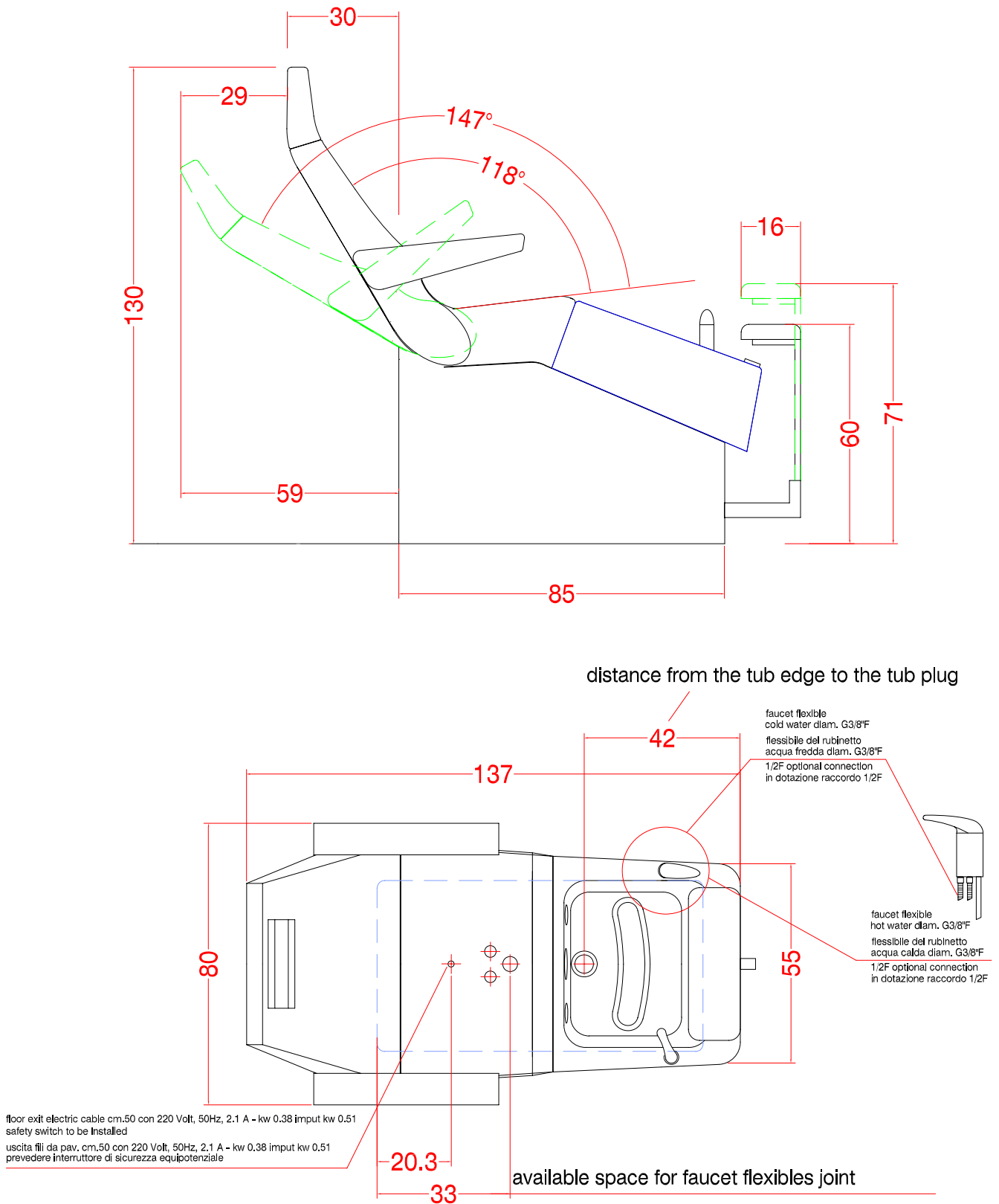
- Armchair with polyurethane foam and metal frame, upholstered in skay (eco-leather), with liftable arms, removable headrest and reclining backrest through a gas spring.

- Galvanised steel structure with stainless steel housing

- Removable padded footrest, with stainless steel rod, adjustable in height and depth.

- Galvanised steel footrest with adjustable feet and aluminium base

1.5 TECHNICAL DIAGRAM

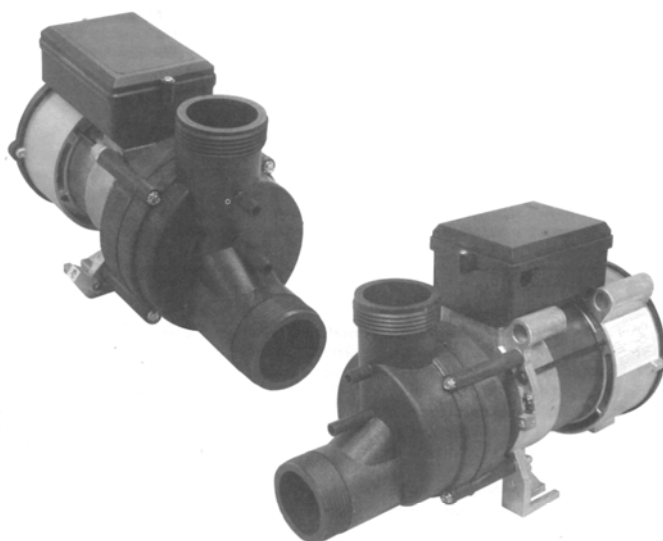


1.6 TECHNICAL DATA

Chart 1

STREAMLINE BASIC PEDICURE SPA	Measuring	
Net weight- total	kg	107
Net weight- armchair	kg	22.5
Gross weight- armchair-	Kg	96
Armchair package dimensions	cm	141 x 72 x h.118
Electric power	W	510
Voltage	-----	230 V 50Hz
Height:	cm	110
Length:	cm	130
Width:	cm	118
Water flow rate at 3 bar	litres	9 per minute
Working pressure	Bar	Min. 1.5 / max. 5
Sink capacity	l	19

1.7 HYDRO-MASSAGE PUMP TECHNICAL DATA



POMPE WOW™ & POWER WOW™ PUMP



E75122



E75122



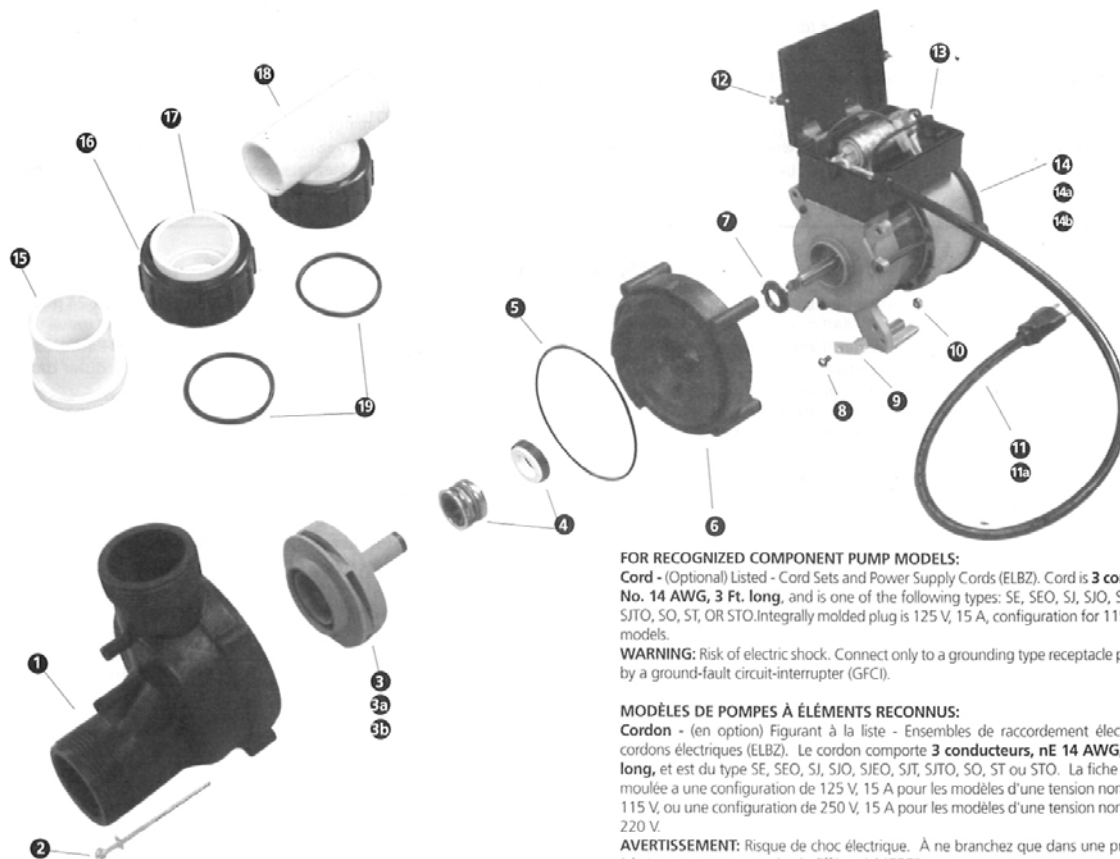
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WOW™ & POWER WOW™ PUMP PARTS LIST LISTE DES PIÈCES DE LA POMPE WOW™ & POWER WOW™

ITEM / PIÈCE	PART NO. / N° DE PIÈCE	DESCRIPTION / DÉSIGNATION	QTY / QTY
1	PPUTVF	VOLUTE FRONT / AVANT DE VOLUTE	1
2	PPWOWBOLT	WOW THRU BOLT / BOULON TRAVERSANT WOW	4
3	PPUT5IMP	1/2 HP IMPELLER / ROUE À AILETTES - 1/2 HP	1
3a	PPUT7IMP	3/4 HP IMPELLER / ROUE À AILETTES - 3/4 HP	1
3b	PPUT10IMP	1 HP IMPELLER / ROUE À AILETTES - 1 HP	1
4	PPSFSEAL	SEAL ASSEMBLY / ASSEMBLAGE JOINT	1
5	PPUTV/OR	VOLUTE O'RING / JOINT TORIQUE DE VOLUTE	1
6	PPUTVB	VOLUTE BACK / ARRIÈRE DE VOLUTE	1
7	PPSFSLING	UF/UL SLINGER / BAGUE DE PROJECTION D'HUILE UF/UL	1
8	PPWOWLUGSCR	WOW GROUND LUG SCREW / VIS POUR COSSE WOW DE MISE À LA TERRE	2
9	PPWOWLUG	WOW GROUND LUG / COSSE WOW DE MISE À LA TERRE	2
10	PPWOWNUT	WOW NUT / ÉCROU WOW	4
11	PPWOWCORD	WOW PUMP PLUG / PRISE POMPE WOW (NOT FOR USE IN CANADA)	1
11a	PPWOWCORDNP	WOW PUMP CABLE / CABLE POMPE WOW	1
12	PPWOWBOXSCREW	WOW AIR SWITCH BOX SCREW / VIS DE BOÎTIER	2
13	MPASJAG	4 X 25 LG AIR SWITCH / COMMUTATEUR D'AIR 4X25 A	1
14	PPMTRW736	1/2 HP WOW MOTOR / MOTEUR WOW 1/2 HP	1
14a	PPMTRPWOW	3/4 HP POWER WOW MOTOR / MOTEUR POWER WOW 3/4 HP	1
14b	PPMTRPW004	1 HP POWER WOW MOTOR / MOTEUR POWER WOW 1HP	1
15	UPUFM	UNION MALE PIECE 1-1/2" / PIÈCE MÂLE DE RACCORD 1-1/2"	1
16	UPUFNUT	UNION NUT / ÉCROU D'UNION	1
17	UPUFF	UNION FEMALE PIECE 1-1/2" / PIÈCE FEMELLE DE RACCORD 1-1/2"	1
18	UNUFTEE	UNION TEE / RACCORD EN T	1
19	UPUFO/R	UNION O'RING / JOINT TORIQUE DE RACCORD	2



POWER WOW™ BATH PUMP	Options
Sizes	½ HP 5.5 Amp.- ¾ HP 7.5 Amp.
Frequency	60 Hz
Switches	Air Electronics
Wetends	Top, Center
Voltage	115 and 230V
Timers	20 min. Air Switch – 30 min. Electr. Switch

CHAPTER 2

SAFETY STANDARDS AND ACCIDENT PREVENTION

2.1 DANGER LEVELS

The manufacturer's main concern is the operator's safety; therefore, all dangerous situations and use-related risks are contemplated in this booklet as well as the measures to be taken for a safer use. Read this booklet carefully, and especially this section, and avoid improper behaviour or behaviour different from the instructions contained in this booklet:



DANGER: Read carefully the following standards. Non-compliance with these regulations may cause irreparable damages to people, animals or things. GAMMA & BROSS shall not be held responsible for any damages, direct or indirect, resulting from the non-compliance with the safety and accident prevention standards described below.

2.2 SAFE USE

When using **STREAMLINE BASIC PEDICURE SPA**, it is compulsory to observe the following instructions:

- **It is forbidden** to activate or make somebody activate **STREAMLINE BASIC PEDICURE SPA** without having first completely read and perfectly understood this booklet.
- **It is forbidden** to activate or make somebody activate **STREAMLINE BASIC PEDICURE SPA** without the necessary training and skills, or in bad health conditions.
- **It is forbidden** to activate or make somebody activate **STREAMLINE BASIC PEDICURE SPA** when safety devices are not engaged and fixed guards are removed.
- **It is compulsory** to check, before use, that **STREAMLINE BASIC PEDICURE SPA** and its protection devices are in good conditions.
- **It is compulsory** to install and operate **STREAMLINE BASIC PEDICURE SPA** in compliance with the instructions indicated in this booklet.
- **It is compulsory** to place **STREAMLINE BASIC PEDICURE SPA** inside a closed, covered, clean, and well illuminated room, with adequate temperature, not exposed to dust or humidity and with no danger of explosion or fire.
- **It is compulsory** to check that the support base of the **STREAMLINE BASIC PEDICURE SPA** is flat and solid.
- **It is advisable** to get acquainted with the control devices before starting operations.
- **It is advisable**, in case of malfunction, to always contact the Manufacturer, avoiding non-targeted interventions.
- **It is allowed** to use only the accessories provided by the Manufacturer.

2.3 SAFE MAINTENANCE

To ensure safety throughout the service life of **STREAMLINE BASIC PEDICURE SPA**, it is essential to observe the following instructions:

- **It is forbidden** to remove or tamper with the protection devices.
- **It is forbidden** to use petrol or solvents as detergent; always use non flammable and non toxic authorised commercial cleaning liquids.
- **It is compulsory** to disconnect the power supply before cleaning or servicing the **STREAMLINE BASIC PEDICURE SPA**.
- **It is compulsory** for the **STREAMLINE BASIC PEDICURE SPA** maintenance operations to be carried out only by qualified and specialised personnel.

CHAPTER 3

TRANSPORTATION, UNLOADING, MOUNTING AND COMMISSIONING

3.1 EQUIPMENT PACKING, TRANSPORTATION AND UNLOADING

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

The packing mode is defined with the customer according to the distance and the pre-selected means of transport. **STREAMLINE BASIC PEDICURE SPA** is transported inside a packaging, protected by a plastic bag (nylon air ball) to avoid direct contact with moisture and/or dust and introduced in a box or case with the proper dimensions so as to avoid horizontal and vertical movement.

The posting outside the packaging contains the following information:

- Manufacturer's address;
- Addressee's address;

Upon receiving **STREAMLINE BASIC PEDICURE SPA**, immediately make sure that the equipment has not suffered damages during transportation and that the packaging has not been tampered with and the equipment is inside it. In case of damages or missing parts, immediately report this information to the carrier and manufacturer, and take photos to keep a record.

The different parts of the **STREAMLINE BASIC PEDICURE SPA** packaging must be lifted manually by two people. If some kind of lifting device is used, check for the correct balance of the load, until it is completely lifted, and proceed with a constant movement with no jerks or thrusts.

Keep the load as low as possible during movements for better load stability and greater visibility. The manufacturer is not responsible for breaks during the transportation of the **STREAMLINE BASIC PEDICURE SPA**.

3.2 UNPACKING

Take the packed equipment as near as possible the place in which it will be installed and take out the packing parts. If the packaging is made of paper, place it in the corresponding containers for separate collection and recycling. If the packing is made of plastic (nylon air ball), do not burn or throw it out in the environment, but dispose of it in the corresponding collection points, according to the current legislation in the user's country.

Keep packaging components out of the reach of children as they are potentially dangerous.

3.3 INSTALLATION

The operations to install the **STREAMLINE BASIC PEDICURE SPA** are described below. Before installation, check that the equipment is complete and in good conditions.



- The installation and adjustment of the **STREAMLINE BASIC PEDICURE SPA** involve dangerous operations: only skilled responsible personnel must carry out these operations.
- Read carefully the instructions specified in this booklet: **GAMMA & BROSS** shall not be held responsible for damages resulting from the non-compliance with such instructions.
- Electrical and hydraulic checks and connections must only be carried out by qualified personnel in compliance with the regulations in force.

3.4 CHECKS BEFORE MOUNTING

Before mounting **STREAMLINE BASIC PEDICURE SPA**, it is necessary to check and, if necessary, adjust the systems in the installation room, and observe the following measures:

- Check operation voltage and frequency: they must coincide with the power mains voltage and frequency in the room. The electric equipment is generally set to operate at a 230-volt voltage, and 50-hertz frequency.
- Check the state of the power supply cable conductors and earth cable.
- Check that an automatic cut-out device with an emergency cut-out switch for overcurrent has been installed.
- Connect the equipment cable to the power socket with extreme care according to the regulations in force.
- Voltage drops and devices that cause electromagnetic interference may damage the electronic parts of the **STREAMLINE BASIC PEDICURE SPA**.
- Provide a double-pole differential circuit breaker with minimum opened contacts.



It is forbidden to connect the electric equipment directly to the cables of the power supply system of the room: faults in the power supply system may irreparably damage the **STREAMLINE BASIC PEDICURE SPA and cause serious accidents to those in contact with the pedicure spa.**

- Check water pressure: it is advisable to use the pedicure spa at a 3-Bar pressure. Install, if necessary, a pressure reducer.
- Check that a supply hot water adjusting thermostat is installed: it must not be over 66°.
- It is necessary to fit ball valves in the supply pipes to facilitate maintenance.



WARNING: Before connecting the faucets, purge the water system to avoid that sand and residual dirtiness obstruct the faucets and damage the sophisticated faucet ceramics.

3.5 STREAMLINE BASIC PEDICURE SPA MOUNTING

- 1) Lift the **STREAMLINE BASIC PEDICURE SPA**, remove the packaging with extreme care and position the armchair in the place in which it is intended to be used.
- 2) Remove the steel cover under the armchair by undoing the 6 screws fixing it to the frame



DANGER: the stainless steel sheet that protects the motor is sharp. Use protective gloves and handle it with extreme care.

- 3) Disassemble the footboard front base trim by undoing the four screws placed at the bottom. Disassemble the rear base trim by undoing the four screws and slightly pull outwards so that the thin layers are removed to allow the complete removal of the element involved.
Disassemble the part of the footboard under the faucets by undoing the two screws that keep it fixed to the structure.
- 4) Perform the hydraulic connections.
- 5) Carry out the electrical connections.



DANGER: Electrical and hydraulic checks and connections must be carried out only by qualified personnel in compliance with the regulations in force.



WARNING: Before refitting, test the product operation to check possible faults or water leaks.

- 6) Assemble the armchair over the frame and fix it with the 4 bolts supplied.
- 7) Refit the footboard and fix it with the corresponding screws.
- 8) Reposition the faucets by fixing the stainless steel plate.
- 9) Refit the cover taking care not to damage the footboard.
- 10) Remove the protective film.

CHAPTER 4

INSTRUCTIONS FOR USE

4.1 WARNINGS BEFORE USE

- This product may only be used for the intended purpose. The manufacturer is not responsible for damages resulting from improper use.
- Instruct the personnel on the use of the pedicure spa.
- Make sure that the sink discharge is always effective.
- Do not obstruct the nozzles with objects or parts of the body.
- Never run pump dry.
- Never start the pump if nozzles are not completely submerged.
- Always stop the pump before emptying the sink.
- Do not use water too hot (over 50°C). Use water at a maximum temperature of 40°C.
- Before the first start-up of the system, remove possible waste from the sink.
- Before using the pedicure spa, a disinfection cycle must be carried out, as the one indicated for weekends. See chapter 6.1.

4.2 WARNINGS FOR CLIENTS' HEALTH AND SAFETY.

People with irritation or wounds on legs and feet must never use the pedicure spa.

Operators must advise clients to consult their physician before using the pedicure spa if there are signs of bacterial infections, fungus, tumescence, fractures or persistent pain.

During the hydro-massage, clients must experience a sensation of wellness. If clients undergo pain or discomfort, immediately interrupt the treatment.

Check water temperature before each treatment:
it must not be over 40°.



Look out and guide clients when stepping up and down the footboard. Check that they do not stumble or hit the equipment parts.

Clients must never stand on the sink.

First, make them seat firmly on the armchair and check that they gently rest their feet in the sink.

Once the treatment is completed, make users step firmly on the footboard before standing up.

Be extremely careful: wet surfaces are slippery and may cause dangerous falls.

Do not use or move electrical appliances near the hydro-massage or the pedicure spa.

4.3 USE OF THE PEDICURE SPA

Before starting the **STREAMLINE BASIC PEDICURE SPA**, check the system effectiveness and get acquainted with the control devices.

The armchair is fitted with a removable headrest: to remove it, just pull it upwards.

The armrests can be lifted to facilitate the access for seating.

The push-button on the right side of the armchair is used to tilt the backrest: to tilt it 150°, keep the push-button pressed while pushing using your back. To set the backrest to the initial position, press the push-button and do not rest on the backrest: it returns to the upright position thanks to a gas mechanism.

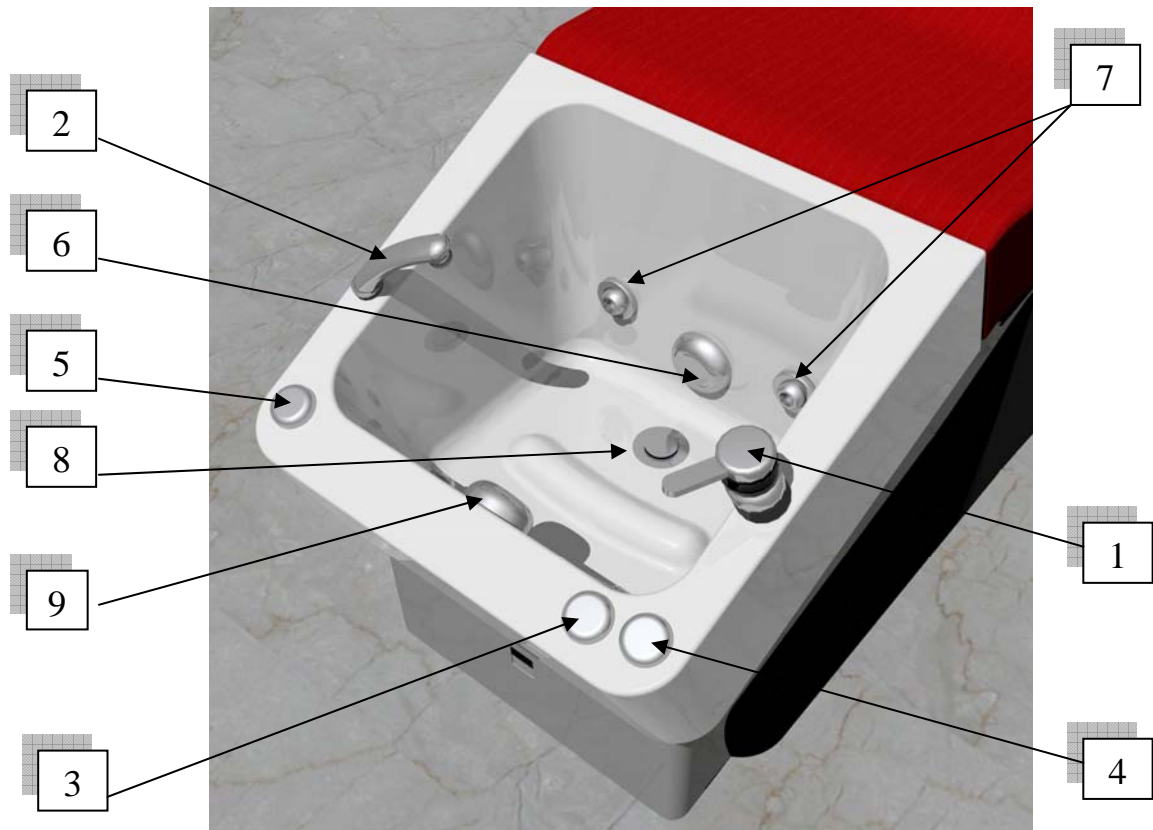
Refill the sink with water at a suitable temperature by operating the single-lever mixer tap.



WARNING: The sink is fitted with an overflow outlet, but in case of water delivery at maximum opening, the outflow may not be sufficient. The sink could overflow.

Never leave the pedicure spa unattended when the faucet is open.

- Jet nozzles can be directed. It is recommended to position them downwards initially to avoid splashes.
- When nozzles are completely covered by water, start the system by pressing the ON/OFF push-button. Warning: the first water jet is more violent than the successive ones.
- Adjust the nozzle flow intensity by rotating the regulator knob.
- Adjust each single nozzle flow by rotating (not entirely) the nut ring
- At the end of the treatment, turn off the hydro-massage system with the ON/OFF push-button.
- Empty the sink by activating the drain cover opening knob.
- Wash the sink with neutral non-abrasive detergents.
- Rinse the sink by taking out the shower head from the faucet nozzle.
- Disinfect after each treatment. (See chapter 5.1).



4.4 LIST OF PEDICURE SINK ELEMENTS

- 1 Mixer Tap
- 2 Hand-held shower unit
- 3 On/off push-button
- 4 Air flow regulator
- 5 Cap for sanitizing liquid injection
- 6 Filling nozzle/Suction inlet
- 7 Directional nozzles for water-air jet delivery
- 8 Drain cover
- 9 Drain cover opening/closing knob

CHAPTER 5

CLEANING AND MAINTENANCE

5.1 SANITIZING



It is important to keep maximum cleaning and correctly sanitize the hydro-massage system to avoid bacterial proliferation that may cause dangerous infections.



Observe local regulations for compulsory cleaning procedures and disinfections (they may be different from the following general instructions).

Use only specific authorised liquids following the instructions for use and quantities that are indicated.

Sanitizing to be carried out before each treatment.

Remove all the solid wastes and specks from the sink.
Carefully wash the sink with neutral non-foaming detergents and non-abrasive sponges.
Carefully rinse the sink with the hand-held shower unit of the tap spout.
Refill the sink.
Pour sanitizing liquid in the corresponding nozzle and close the cap.

Activate the system for 10 minutes, or following the instructions of the product used.
Turn off and completely empty the sink.
Rinse the sink with the shower unit.
Dry with a soft cloth.

Sanitizing to be carried out at the end of each working day.

Carry out two complete disinfection cycles.
Refill the sink again with clean water and activate the hydro-massage system for some minutes to rinse the system.
Turn off, completely empty and rinse the sink again with the shower unit.
Dry the sink with a soft cloth.

Sanitizing to be carried out at the end of each week.

Carry out a complete disinfection cycle.
Refill the sink and pour sanitizing liquid.
Activate the system for 10 minutes.
Turn off the hydro-massage system and let it rest overnight (between 6 and 10 hours).
The next morning, activate the system for 5 minutes, turn it off and empty the sink.
Rinse the system by refilling the sink with clean water, empty it and rinse the sink again.

5.2 REGULAR MAINTENANCE

In order to ensure the Streamline Basic performance throughout time and its correct operation, it is essential to observe the instructions indicated below.

- All stages of sink maintenance must be frequently carried out with extreme accuracy. In order not to damage the brightness of resin and metal pieces, follow the instructions below:
- the sink must be cleaned with a soft cloth and a non-abrasive liquid detergent.
- Never use synthetic fibres, abrasive sponges, metal-wire stoppers, solid abrasive or acid household detergents, acetone, corrosive substances with methyl or other solvents, since they stain the surface.
- Do not use bath gel, oil or other substances not suitable for use in hydro-massage systems (not completely soluble, so potentially abrasive).
- Use diluted vinegar to dissolve possible calcareous sediments.
- Install a softener device to remove calcareous sediments.
- Do not expose the sink to an excessive UV-ray load (for example, near a sun bed) or to sunlight so as not to affect the colour.



WARNING: Anti-calcareous products on the market contain solvents and acids that corrode chrome-plated surfaces and are harmful to health through inhalation and contact.

- The armchair surface must be regularly cleaned with soft cloths and sponges, water and neutral detergents.
 - It is strictly forbidden to use solvents, acids, or abrasive detergents or materials: the eco-leather surface protection would be damaged, thus compromising its quality and dirt resistance.
 - Absolutely avoid staining the armchair with dye: it is impossible to clean dye stains.
- If it accidentally occurs, try to remove the dye stains immediately so as to lessen the damage.

5.3 EXTRAORDINARY MAINTENANCE:

Extraordinary maintenance operations (repairs of components, cleaning of internal parts) shall only be carried out by specialised personnel authorised by the Manufacturer. Interventions in the electrical system are considered extraordinary maintenance operations because they require the intervention of specialised personnel.



It is compulsory to remove the plug from the electric power supply socket before carrying out any maintenance operation

5.4 TECHNICAL SERVICE:

Maintenance operations must be carried out following the instructions contained in this booklet. For other cases not included in this booklet and any kind of assistance, contact the Manufacturer indicating:

- **Model**
- **Customer Reference**
- **Order number or delivery note**
- **Delivery date**

Correct references ensure quick and accurate answers.

If the Streamline maintenance operations are not carried out in compliance with the instructions provided, if the spare parts are not original or are replaced without the manufacturer written authorisation, if the equipment integrity is put to risk or its characteristics are changed in any way, GAMMA & BROSS shall not be held responsible for people safety or the Streamline incorrect operation. Any unauthorised operation voids the warranty terms and conditions.

CHAPTER 6

INSTRUCTIONS FOR 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.

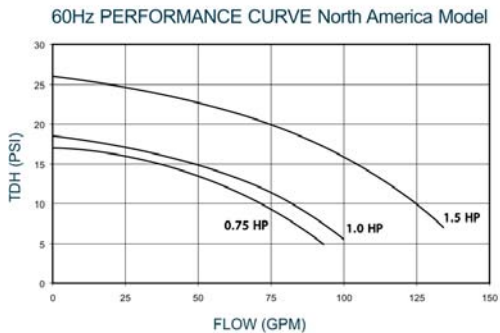
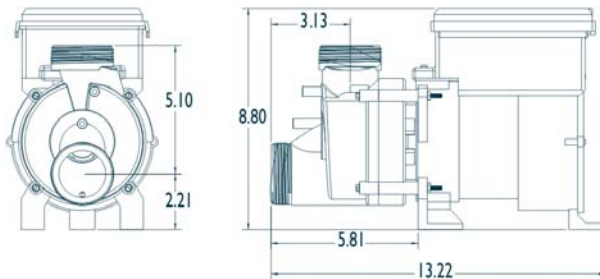
PowerWOW

BATH PUMP

When more power is required to move a larger volume of water through more jets, the Power WOW is the industry leading workhorse for the job.

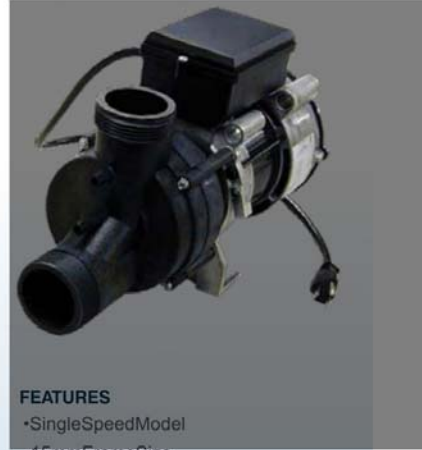
The big brother to the WOW pump doesn't require additional space or cooling. The Power WOW is UL and CSA approved adding to the sense of security already imparted by its strong name.

More power, reliability and the same compact design, backed by the service and reputation of Spa and Bath Pentair Water, make the Power WOW the choice for moving more water in whirlpool baths with more features.



Plumbing configuration effects pump performance. Engineering consultation is available to find the best pump for all your bath needs.

PWOW0209
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1382 Bell Avenue | Tustin, CA 92780 | p 714.384.0382 | www.balboawatergroup.com



FEATURES

- Single Speed Model
- 15mm Frame Size
- Ultra Quiet Operation
- Compact Design
- UL and CSA Approved
- Self-draining Volute
- Proven Reliability
- More Power

OPTIONS

- 86, 101 or 119 GPM
- 115 and 230 Voltage
- Sizes: 4.3 Amp, 7.2 Amp, 7.5 Amp, 9.5 Amp and 13.5 Amp
- Frequency of 50 Hz and 60 Hz
- NEMA Plug and Bare Leads
- Air Switch
- 30 min. Electronic Switch Timer

SPECIFICATION

- Sizes 3/4 HP, 7.0 Amp
1 HP, 9.5 Amp
1.5 HP, 13.5 Amp
- Frequency . 60 Hz
- Switches Air Electronics
- Cords Bare Leads, NEMA Plug
- Wet ends Front, Front Top, Center
- Timers 20 min Air Switch
30 min Elect Switch

BALBOA
water group



GAMMA & BROSS
Via Ceratelli, 2
46043 Castiglione delle Stiviere (MANTOVA) - ITALY

UL CERTIFICATE OF COMPLIANCE FOR STREAMLINE HYDROPUMP

The Hydropump installed in the STREAMLINE comply with the regulations in force in the USA, as indicated in this declaration

IAPMO RESEARCH AND TESTING, INC.

5001 East Philadelphia Street, Ontario, California 91761-2816 • (909) 472-4100 Fax (909) 472-4244 • www.iapmo.org



LISTED PRODUCTS

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.

Effective Date: February 2009 -Rev. 7/6/2009- Void After: February 2010
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 comply with the applicable sections of the latest edition of the Uniform Plumbing Code®. Models listed to the National Plumbing Code of Canada and Relevant Canadian Standard(s) shall bear the cUPC mark of conformity. Manufactured in compliance with ASME A112.18.1-2005/CSA B125.1-05.


Chairman, Product Certification Committee

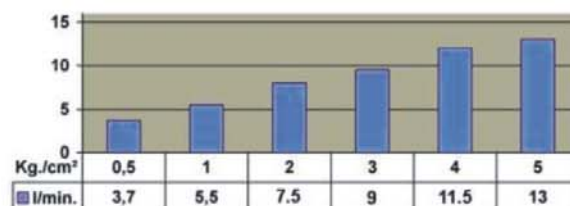
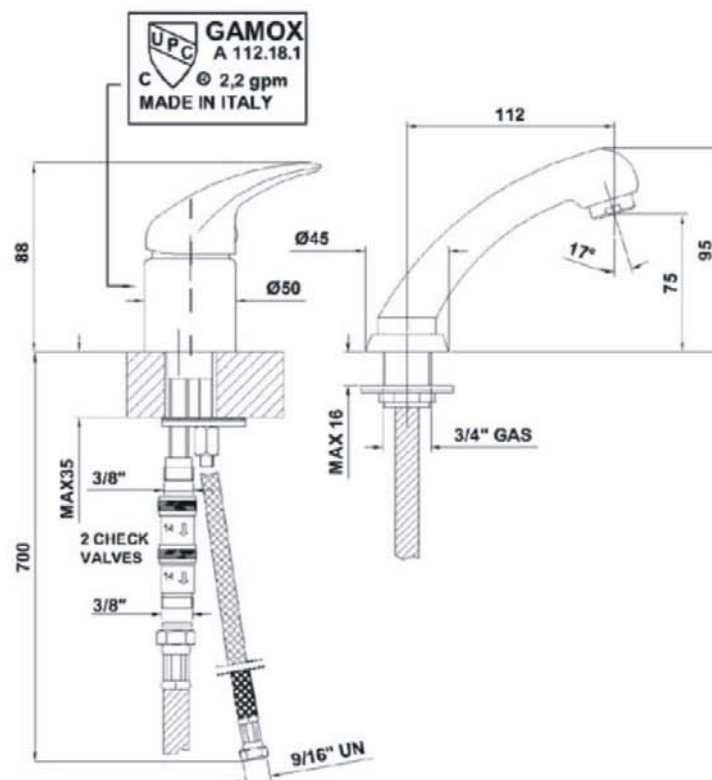

Senior Director of R&T

This listing is for the period indicated herein and is void after the 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. Reproduction 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.

DOC#081A



Art. GA509.20
STANDARD - USA
 Single lever mixer for hairdresser
 according to IAPMO standard



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CERTIFICATE OF LISTING

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Effective Date: October 2006 Void After: October 2007

Product: Backflow Protection Devices and Systems in Plumbing Fixture Fittings File No. 4658

Issued To: Amfag S.P.A.
Via Austria 3
46042 Castel Goffredo, MN
Italy

IDENTIFICATION: The packaging for backflow protection devices shall be marked with the manufacturer's name or trademark, and ASME A112.18.3M. The product packaging shall also bear the UPC® certification mark.

CHARACTERISTICS: Backflow Protection Devices and Systems in Plumbing Fixture Fittings installed in accordance with the manufacturer's instructions and the requirements of the latest edition of the Uniform Plumbing code.

Products comply with the applicable sections of the latest edition of the Uniform Plumbing Code®.

Manufactured in compliance with ASME A112.18.3M-2002.

MODELS: Check/Flow Control Valves
AV14, AV14/8, AV14/9, AV15, AV7 and AV8



This listing is for the period indicated herein and is void after the date shown above. Any change in manufacturing process, marking or design without having first obtained the approval of the Product Research 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. Reproduction 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.

Robert R. Siemsen
Chairman, Product Research Committee

Ron Chaney
Executive Director

