

PRIOR NOTES

All the hydro massage bathtubs are subject to operational and safety tests. For that, and before the shipping, each bathtub is tested in order to check its correct functioning.

The bathtub set up must be performed by qualified workers, according to the specific demands of this manual for its assembly and always respecting the standards, in force, in what relates to electric installations in bathrooms.

Therefore, this Manual is an essential tool. Keep it for further consultation

In case of failure or malfunction, please contact only specialized technicians.

The company Sanindusa, declines any responsibility for damages resulting from the installations accomplished by non specialized technicians or any aesthetics or functional changes made to the bathtub which may alter the features of the original model.

The company Sanindusa reserves the right to make any necessary changes to the products, without prior notice.

SAFETY INSTRUCTIONS

Before using any of the hydro massage bathtub models, we recommend you to read this manual. It was designed to cover general guidelines for correct installation, use and maintenance

The hydro massage bathtub shall be used only for the intended purpose. Sanindusa declines any responsibility for any eventual damages caused by inappropriate use.

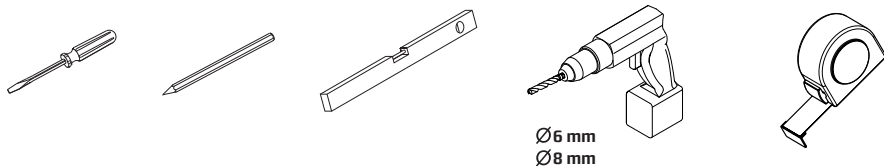
Do not use any electrical appliances inside the bathtub.

The hydro massage bathtubs are not intended to be used by persons (including children) with reduced physical, sensorial or mental capabilities or lack of experience or knowledge, unless supervised or given instructions concerning the use of the bathtub by a person responsible for their safety. Children must be watched over in order to ensure that they do not play with the bathtub.

WARNING: Do not take a bath after ingestion of food or alcoholic beverages. If you have cardiovascular diseases or acute diseases, you shall previously seek medical advice.

EQUIPMENT DESCRIPTION

NECESSARY TOOLS [NOT INCLUDED]



INSTALATION INSTRUCTIONS

You have just received your Sanindusa hydro massage bathtub. Check your bathtub to ensure its correct functioning and equipment before installing it.

We advice you to experiment the bathtub before its definite set up. For that, the bathtub must be filled up with water (to at least 1.97" above the highest blower jet), maintaining it running during 15 minutes. Check its correct functioning and make sure that there is no water leakage. In case of bathtubs with pneumatic system, check the fitting of the air tube from the **ON/OFF** pulsejet to the pump. Verify the correct tightness of the connecting joints from the set of pipes to the pump.

We advise you to install the bathtub with an acrylic panel or a built in system as long as it observes an opening with removable cover. Do not forget to leave one or more inspection openings in order to guarantee an access for the maintenance of the pump and remaining equipment, the minimum advisable dimension is of 15.74" (40x40cm). In either cases, the panel or its cover must assure the ventilation of the space under the bathtub, where the hydro massage equipment is lodged, and can only be opened with the help of adequate tools.

The joint sealing between the wall and the bathtub shall be protected with silicone.

HIDRAULIC INSTALLATION

The emptying of the bathtub must be carried out through a connection to the drainpipe valve.

ELECTRIC INSTALLATION

The installation must be carried out by a specialized technician in accordance with the RSIUEE - Safety Regulations for the Use of Electric Power - and guarantee the equipotential connection having in mind that this connection must embrace all the metallic, pipes, appliances, ventilation grids or openings, and other possible items.

When installing it, the following aspects shall be considered:

// All the electrical components have to be installed in order that when the bathub is being used there's no possibility to have access to them;

// The bathtub must be connected permanently to the fixed installation in order to guarantee the IPX5 rate protection;

// The bathtub must be connected permanently to the fixed installation through a protected line with a differential switch with 0,03A of maximum sensitivity;

// Jointly with the bathtub, the Sanindusa offers a differential switch in compliance with the above-mentioned features (**except the easy system**);

// Check if the voltage and the power frequency of the power distribution network are coincident with the characteristics shown on the bathtub plate. The connection must be carried out taking into account the RSUUE - Safety Regulations for the Use of Electric Power.

// The electrical power supply line for the hydro massage system shall have a **3x2,5 mm²** H07RN-F section;

// After being assembled, the volume around the bathtub shall be totally closed by a panel or a wall (not possible to open without the help of adequate tools);

WARNING: Never handle electrical parts of the bathtub when connected to the power mains.

HIDROMASSAGE SYSTEM

1. Easy System

It is composed of 5 blower jets (air /water system) with a pneumatic control. The water/air flow is manually adjustable through a throttle. It comprises a minimum water level sensor capable to ensure the correct functioning of the system. Each blower jet can be easily adjustable to a maximum angle of 30° and the stream regulated rotating the nozzle clockwise to reduce water flow or counter clockwise to permit full flow of water.

At least, two blower jets must be opened.

OPERATING MODE

Fill up with water, 1.97" (5 cm) above the highest blower jet and switch on the system pressing the **ON/OFF** pneumatic control.

Adjust the intended airflow using the regulating button, taking into account the special indications on it.

In order to switch off you must press again the **ON/OFF** pneumatic control.

2. 001 System

2.1 Pneumatic

Depending on the model, it comprises 5 or 6 blower jets (air/water system) and a pneumatic control.

The water/air flow is manually adjustable through a throttle. It comprises a minimum water level sensor capable to assure the correct functioning of the system. Each blower jet can be easily adjustable to a maximum angle of 30° and the stream regulated rotating the nozzle clockwise to reduce water flow or counter clockwise to permit full flow of water.

At least two blower jets must be opened.



OPERATING MODE

Fill up with water, 1.97" (5 cm) above the highest blower jet and switch on the system pressing the **ON/OFF** pneumatic control.

Adjust the intended airflow using the regulating button, taking into account the special indications on it.

In order to switch off you must press again the **ON/OFF** pneumatic control.

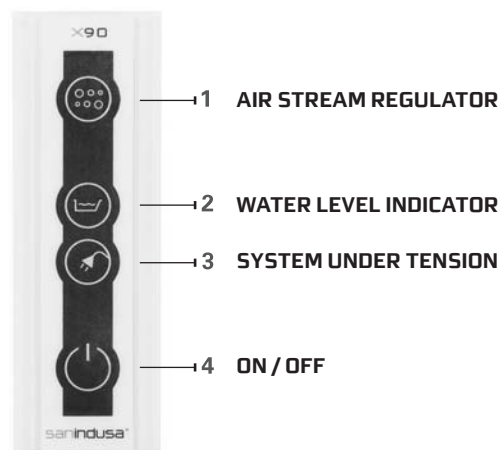
2.2 Electronic X90

Depending on the model, it comprises 5, 6 or 8 blower jets (air/water system) and an electronic control to switch ON or OFF and to adjust the airflow on the blower jets.

It comprises a **Water Level Sensor (2)**.

Each blower jet can be easily adjustable to a maximum angle of 30° and the stream regulated rotating the nozzle clockwise to reduce water flow or counter clockwise to permit full flow of water.

At least two blower jets must be opened.



OPERATING MODE

When the system is under pressure the **symbol 3** becomes illuminated. Fill up the bathtub with water until the **symbol 2** becomes lighted and the system is ready to run.

The **button 4** enables to switch on/off the hydro massage system, remaining illuminated when active.

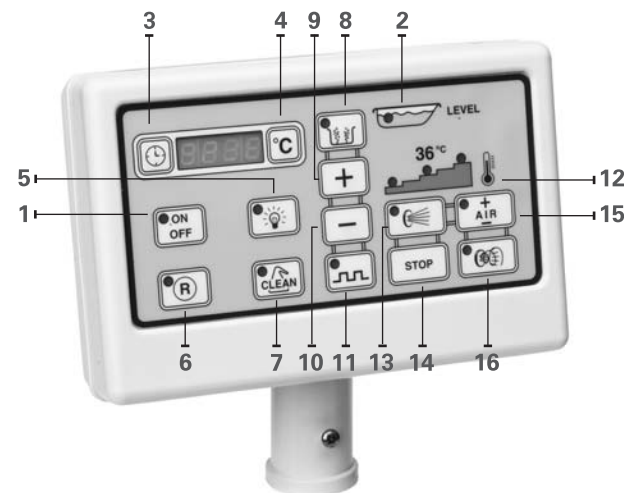
In order to regulate the airflow, press the **button 1**. The airflow will start automatically increasing/reducing the intensity.

When reaching the intended flow, press **button 1** again.

3. Top System

Depending on the model, it comprises 5, 6 or 8 blower jets (air/water system), 10 or 12 blower jets (air system) and 6 double air/water dorsal blower jets.

The panel is equipped with a display and all function key indicators.



FUNCTIONS

- 1. ON/OFF** : switches on and off the system
- 2. LEVEL** : water level light indicator
- 3. TIMER** : selects the stored programmes and the clock function
- 4. TEMPERATURE** : shows the temperature on the display (°C)
- 5. LIGHT** : controls the spotlight
- 6. RESISTANCE** : additional water reheater **[NON AVAILABLE FUNCTION]**
- 7. CLEAN** : disinfection cycle
- 8. BLOWER** : switches on and off the Blower
- 9. +** : increases the Blower speed
- 10. -** : reduces the Blower speed
- 11. AIR MODULATION** : starts the Blower modulation function
- 12. THERMOMETER** : temperature indicator
- 13. HIDROMASSAGE FUNCTION** : switches on the hydro massage pump
- 14. STOP** : stop or pause
- 15. AIR** : regulates the air stream on the jets
- 16. MASSAGE MODULATION** : pulsatile massage

OPERATING MODE

When the **ON** key is pressed, the panel becomes illuminated and the display shows flashing traces. The light indicator of the **water level sensor (2)** becomes illuminated as well as the **Thermometer (12)**.

Fill up the bathtub until the light indicator switches off. Now the panel functions can be activated. The water temperature can be checked in the **Thermometer (12)** through a colour code: **green** for temperature below 36°C, **yellow** for temperature equal to 36°C and **red** for temperature above 36°C.

If the **Temperature key (4)** is pressed, the display shows the temperature in °C

This system has two operating modes: Hydro massage and aero massage, which activation can be isolated or simultaneously performed.

In this last case, the running time is that of the first selected mode. The aero massage mode can be disabled without turning off the hydro massage system or stop both of them.

If the functions panel is not turned off when the bath is finished, it will automatically shut down within 15 minutes after the last performed operation.

The Blower is the unique possible function to be activated when the bathtub is empty. It can be used during 2 minutes in order to empty the blower jets and dry them. This operation shall be executed within the following 15 minutes, after emptying the bathtub.

Hidromassage mode

The system comprises 3 hydro massage programs with different storage time duration: 10, 20 and 30 minutes. In order to choose the intended duration, press successively the **Time key (3)** and start your choice using the **Hydro massage Function key (13)**. If the time option is not selected, the hydro massage will start without an established time limit.

When the pump starts, the air flows through the jets with the maximum stream. In order to vary from maximum and minimum airflow, press successively the **Air key (5)**.

Pressing the **Hydro massage Function key (13)** enables to pause the system.

Aeromassage mode

The system comprises 3 aero massage programs with different storage time duration: 10, 20 and 30 minutes. In order to choose the intended duration, press successively the **Time key (3)** and start your choice using the blower key (8). Adjust the air speed using the **+** **(9)** and **-** **(10)** keys. If the time option is not selected, the hydro massage will start without an established time limit.

To deactivate the aero massage mode press the **Blower key (8)** or the **Stop key (14)**.

The modulating massage programme can be switched ON/OFF pressing the **Massage Modulating key (11)**.

Special functions.

Spotlight

It is possible to turn it ON or OFF by pressing the **light key (5)**, but only when the bathtub is full of water.

Bathtub disinfection

The disinfection cycle can be activated in the end of the hydro massage while the bathtub is filled with water. Press the **Clean key (7)** during 3s. The cycle is automatic and will last for 3 minutes. The pump will enable water circulation

The quantity of disinfectant liquid used during the cycle depends on the bathtub size and is adjusted from factory. The disinfection cycle can only be interrupted during the initial 10 seconds, pressing any key. After this period, the panel becomes blocked and the cycle can only be interrupted cutting off the electric power supply. The lack of disinfection liquid is indicated through the blink signal of the **Clean key (7)**. The program will stop automatically.

The refill of the disinfectant liquid is carried out by filling up the tank through the nozzle, placed on the bathtub boarder. 

10 minutes after emptying the bathtub, the **Blower** is turned ON during 1 minute in order to dry that air pipes

During the disinfection cycle, the spotlight blinks.

Timer

The timer can only be observed when the system is turned OFF, but connected to the electric power supply.

If by any reason there is no electric power supply, the timer keeps its function due to the battery installed on the circuit.

The timer shall be set s follows:

// Press the **timer key (3)** during 3 seconds and set the hours using the **+** **(9)** and **-** **(10)** keys.

// Press the **timer key (3)** to proceed to hour and minutes digits and confirm.

MAINTENANCE AND CLEANING

As a general advice, we recommend you to keep all the bathtub surfaces **free from lime scale, and calcium deposits** (in water), **and soap residues**.

ACRYLIC SURFACES AND GENERAL ACCESSORIES

During the cleaning of your bathtub, you shall use water and neutral soap or other neutral detergents. **Never use steel wool, sponges or rough cloths, abrasive powders or aggressive cleaning products.**

To give a perfect and shining finishing to the bathtub use a soft and dry cloth or a chamois leather

HIDROCLEAN

HIDROCLEAN is an exclusive product from Sanindusa, which guarantees the cleaning and good maintenance of your bathtub.

The fully compliance of the HIDROCLEAN instructions is basal. The product is at your disposal in any dealer branch.

Sanindusa recommends you to clean the bathtub after using it.

After a long period without using the system, we recommend you to fill up the bathtub and to clean it before enjoying a pleasant bathtub shower. These concerns help to prevent the spread of bacterias and odours. Then, you can take your relaxing bath under perfect conditions.

AROMATHERAPY

As a complement of the hydro massage product, Sanindusa offers you a varied range of bath essences: **fresh, relax, passion, energy**.

You can use these bath essences to stimulate your emotions.



TROUBLESHOOTING

CONTROL PANEL

WARNING ON THE PANEL	DESCRIPTION	SOLUTION
The self-cleaning cycle does not start after pressing during 3 seconds the function [Top version]	Small quantity of self-cleaning liquid left in the tank	Refill with self-cleaning liquid and check if the light turns OFF.

OTHER SITUATIONS

WARNING ON THE PANEL	DESCRIPTION	SOLUTION
No function is performed	Fault due to electrical supply	Check if there is tension in the electrical supply
	The bathtub is not sufficiently filled up	Increase the water level
No sufficient water stream from the blower jets.	Blower jets outlet is closed	Rotate the nozzle counter clockwise
	The suction system in the bathtub is obstructed	Make sure that the suction system in the bathtub is not obstructed with toys, hair clips, sponges, etc...
The control panel is not active [X90 and Top versions]	The bathtub does not receive a power supply of 230 voltage	Ensure if there is tension in the electrical supply
	Switch has cut out	
The light does not turn ON [Top version]	The spotlight may be fused	Replace the light bulb

After-Sales Service and Warranty

If this table does not help you to solve your problems, you must contact our dealer from whom you purchased the product and explain the problem. Please enclose the warranty certificate in order to know exactly your rights.

WARRANTY

The hydro massage equipment comes with a 2-year warranty.
During this period, the company Sanindusa will repair or replace, at its option, any deficiencies in component parts related to failures in construction and materials.

This warranty does not cover damages due to improper use or disrespect of installation, user's and maintenance guideline procedures.

The warranty does not cover any damage incurred in transportation and shipping charges.

The company is only bound to supply parts for replacement of the models commercialised by our company as well as technical assistance, as long as the hydro massage bathtub is within the warranty period

The warranty certificate must be properly filled out by the client and returned to Sanindusa. Failure to comply these procedures will void all warranty coverage.
All the bathtubs are in compliance with the 2006/095/EC Directive, from the 12th of December 2006 for low voltage equipment.

WARRANTY CERTIFICATE - SANINDUSA HIDROMASSAGE BATHTUB

Client's name.

Address.

Cause of complaints.

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Stamp of our Client

Delivery date.

Sanindusa,

WARRANTY CERTIFICATE - SANINDUSA HIDROMASSAGE BATHTUB

Destacar e enviar à fábrica. **Bathtub N.º.**

Client's name.

Address.

Cause of complaints.

Stamp of our Client

Delivery date.

Sanindusa,