



SMART SUN SP3000Q

User manual
руководство по эксплуатации

Эксклюзивный дистрибьютор в России и странах СНГ
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1. INTRODUCTION

Thank you for purchasing a **SMART SUN SP3000Q** vertical tanning. This manual contains simple operating and maintenance instructions for your SP3000Q vertical tanning.

Read this manual carefully and make it available to personnel in charge of the SP3000Q vertical tanning's installation and maintenance.

This manual applies to the following models:
SMART SUN SP3000Q.

1.1. Certification plate

The appliance's data plate (fig. 1-01) is illustrated below (unit backside). There is another copy of the plate on the appliance's ceiling close to the incoming supply cables:

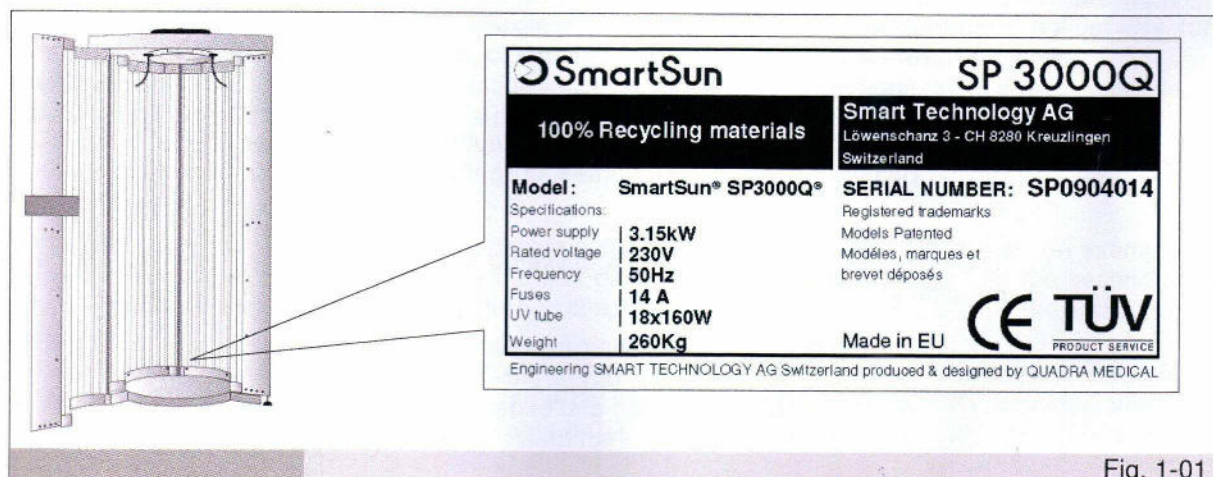


Fig. 1-01

1.2. Declaration of conformity

The appliance's declaration of conformity is given in the manual:
"Technical annexes and declarations".

1.3. Warranty

The warranty for the appliance's components valid only with a production of the guaranty card.

- Warranty obligations are the obligations for free replacements of worn-out spare parts due to the fault of the manufacturer (production rejects) according to the duration and conditions of the warranty.
 - Appliance itself and large parts of the construction are not returnable.
 - Information regarding the local service facilities or, in case of their absence, about the spare parts' installation received under warranty is provided for Russian regions and abroad countries additionally.
- The guarantee does not cover:
 - Appliance in which its name, serial number and other identification marks are removed, damaged or changed.
 - Consumable materials and removable parts (handles, plexiglas, bulbs, starters, shock-absorbers, liquids and etc.) and operations for their replacement during the warranty period.
 - Appliance in case of its warranty card's lost.
 - Appliance in case of absence in its vehicle log book regular service maintenance passing marks or absence its vehicle log book.
 - Final results of appliance's performance.

- The guarantee does not cover damage caused by:
 - Improper or careless transportation.
 - Installation by the personnel not authorized by the manufacturer (or by official dealer).
 - Maintenance by not authorized technicians.
 - Violation of requirements during the installation of a professional appliance with operation voltage of 380V + neutral + earth (3N+T 380V 50Hz).
 - Improper supply voltage including voltage drop and phases' inequality.
 - Deliberate actions or by inadvertency.
 - Improper mechanical actions.
 - Handling in extreme conditions (increased humidity, corrosive environment, etc.).
 - Fire, lightning, earthquake, natural catastrophe and technological impact.
 - Unauthorized interference of not authorized personnel by the manufacturer (or official dealer).
 - Improper operation work load for this type of appliance (revenue service of professional equipment).
 - Use of unoriginal and/or defected spare parts and/or accessories not supplied by manufacturer (or by official dealer).
 - Irregular servicing.
- Any self-maintained breaking-up by not authorized personnel by the manufacturer (or official dealer) entitles for guarantee obligations removal and refusal for a free of charge repair.
- The guarantee covers appliances delivered by the manufacturer (or by official dealer) for a duration of:
 - 36 months in case of their installation by the authorized personnel and company with an obligation to buy from Soltec International, and authorized by Soltec International, completion and expendable materials for the supplied appliance.
 - 12 months in any other than that.

1.4. Assistance

The purchaser is advised to contact an authorized retailer or the manufacturer should he require information on use, maintenance or the ordering of spare parts, giving the appliance's identification

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Löwenschanz 3, CH-8280 Kreuzlingen,
Switzerland
Tel/Fax.: +41 44 58 68 758

<http://smart-sun.eu>
info@smart-sun.eu

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Soltec International

Tel.: +7 495 925 88 01

<http://www.soltecinter.ru>
soltec.import@soltecinter.ru

1.5. Use and conservation of the manual

The scope of this manual is to provide all the information required to ensure correct use of the appliance in as autonomous and safe a way as possible.

The manual is intended for operators, maintenance technicians and heads of centers.

No manuals are supplied to the end user as instructions for the tanning cycle are all given on the control panel's screen and via the speaker system, if enabled. To ensure optimal results, the end user can, upon initial operation, be instructed on correct use of cosmetics and ointments and the correct positions to adopt during treatment.

The manual is divided into chapters, paragraphs and sub-paragraphs: the contents page is an easy way to find any part of interest.

This document is intended for informative purposes only and may be changed without forewarning. Although the document is edited with maximum care, **the manufacturer assumes no liability for damage caused by error or omission, or non-compliance with the information herein.**

The manual and all annexed documentation must be kept in good condition, legible and complete; it should be stored near the appliance, in a place at hand for all operators.

1.5.1. List of figures and tables

Each box containing a figure has a progressive number in the lower right-hand corner. An example of a figure's number is "Fig. 8-01" whereby the first digit (8) is the chapter number and the second digit (01) is the progressive number for that figure in chapter 8 (in the example, Fig. 8-01 is the first figure in chapter 8).

The tables are numbered in the same way although of course "Table" replaces "Fig" (e.g. Table 8-01 is the first table in chapter 8). Should a table be longer than one page, a letter is added after the progressive number (e.g. "Table 8-01a", "Table 8-01b").

1.5.2. Symbols in the manual



This symbol indicates information and warnings non-compliance with which could damage the appliance or compromise personnel's or the end user's safety.



This symbol indicates information and warnings of an electrical nature non-compliance with which could damage the appliance or compromise personnel's or the end user's safety.

1.6. Personnel

This manual is intended for the appliance's operator and its installation and maintenance technicians.



Operators must not carry out any work intended for specialized maintenance workers or technicians. The Manufacturer assumes no liability for non-compliance with this prohibition.

- Appliance operator:

This specialized worker is able to operate the appliance in normal conditions using the controls. He must also be able to carry out simple, routine maintenance (cleaning, loading the product), start or reset the appliance after a period of forced inactivity.

Personal protection equipment:

- latex gloves.
- protective gloves (for dismantling the Plexiglas walls, refer to par. 8.3.3.1).

This operator should never wear rings, wristwatches, jewelry, loose clothing such as ties, ripped clothes, scarves, unbuttoned jackets or shirts, etc. The operator should generally wear appropriate clothing.

- Electrician:

An electrician is a specialized technician who has been qualified by the Manufacturer for work on the SP3000Q vertical tanning.

This specialized technician must be able to install the appliance, use in normal conditions, operate it during maintenance; and is able to carry out all electrical work and mechanical adjustments, maintenance and repairs. He is able to operate on electrical equipment in electric cabinets and connecting boxes.

Personal protection equipment:

- protective shoes;
- protective gloves.

This operator should never wear rings, wristwatches, jewelry, loose clothing such as ties, ripped clothes, scarves, unbuttoned jackets or shirts, etc. The operator should generally wear appropriate clothing.

- Specialized forklift driver technician:

A specialized technician is able to handle equipment at the company's premises and has a permit for driving forklift trucks.

Personal protection equipment:

- protective shoes;
- protective gloves.

This operator should never wear rings, wristwatches, jewelry, loose clothing such as ties, ripped clothes, scarves, unbuttoned jackets or shirts, etc. The operator should generally wear appropriate clothing.

- Appliance's end user:

The end user is the person who uses the vertical tanning and is in normal psycho-physical condition, able to follow the appliance operator's instructions and understand and carry out correctly the instructions on the control panel's screen and given over the loudspeaker system when enabled.

Use of the appliance is not advised (without medical authorization) for these people:

- End user taking medication.
- End users who are pregnant.

Before carrying out any work on the appliance, operators and specialized technicians must have read the instructions in this manual carefully. Before using the appliance, the operator must have perfect knowledge of all the appliance's controls and characteristics. He must also comply with all the notes and instructions in this manual.

2 - Description of the appliance

2. DESCRIPTION OF THE APPLIANCE

2.1. Technical data

Below are tables summarizing the appliance's main characteristics (table 2-01a-b) according to

SINGLE PHASE	
<i>Model</i>	SMART SUN SP3000Q
<i>Voltage</i>	230 Vac
<i>Phases</i>	1N + PE
<i>Mains frequency</i>	50 Hz
<i>Power</i>	3150 W
<i>Amperage</i>	14 A
<i>Bulbs</i>	18 160W 2m
<i>Air flow</i>	Min 200 - Max 4200 m ³ /h
SINGLE PHASE + VIBRATING PLATE (optional)	
<i>Model</i>	SMART SUN SP3000Q
<i>Voltage</i>	230 Vac
<i>Phases</i>	1N + PE
<i>Mains frequency</i>	50 Hz
<i>Power</i>	3450 W
<i>Amperage</i>	15 A
<i>Bulbs</i>	18 160W 2m
<i>Air flow</i>	Min 200 - Max 4200 m ³ /h

2.1.1. The appliance's dimensions and weight

<i>Dimensions:</i>	<i>Length</i>	<i>Width</i>	<i>Height</i>	<i>Weight</i>
Dimensions (doors closed)	1180 mm	1180 mm	2250 mm	~ 260kg
Dimensions (doors open)	1985 mm	1180 mm	2250 mm	
Internal (useful)	735 mm	735 mm	2000 mm	

Table 2-02

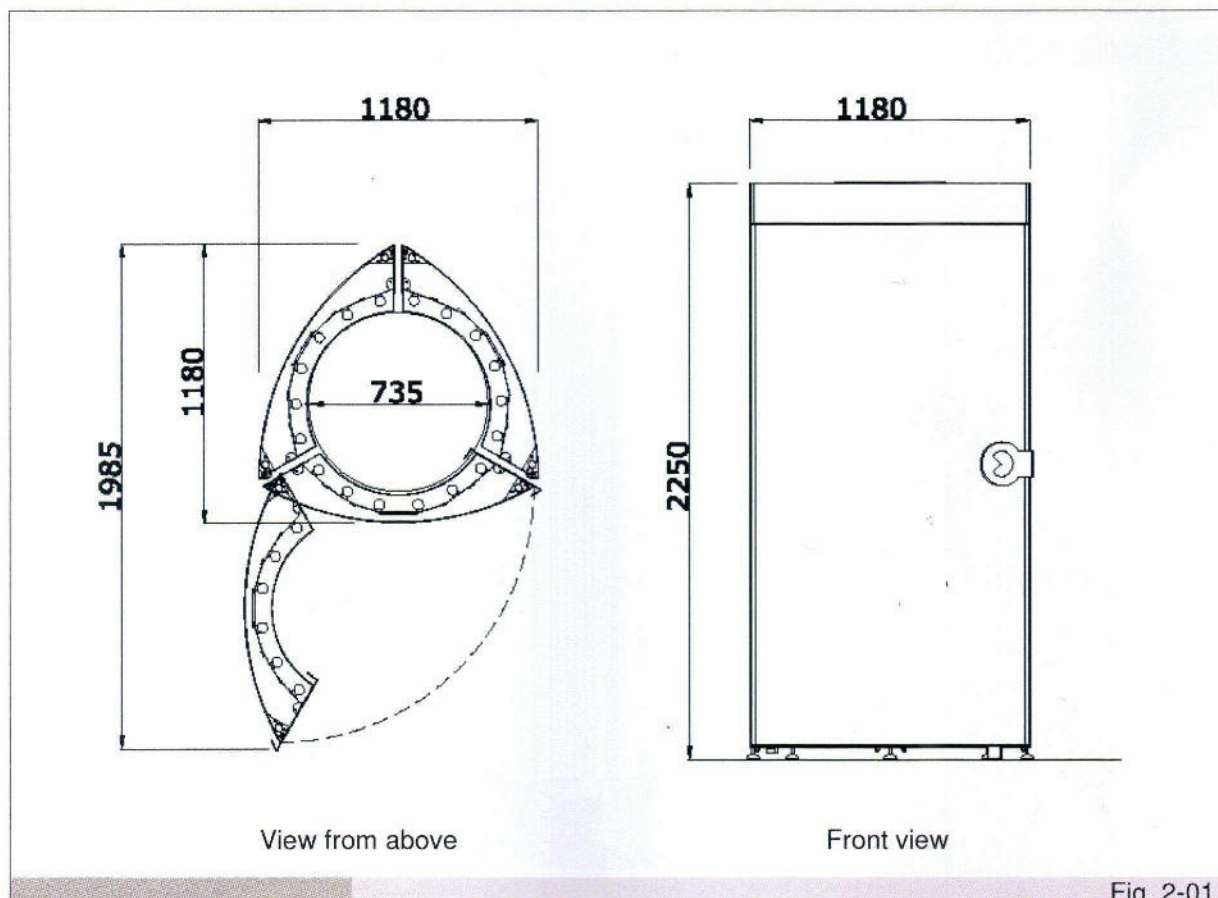


Fig. 2-01

2.2. Description of the appliance and its intended use

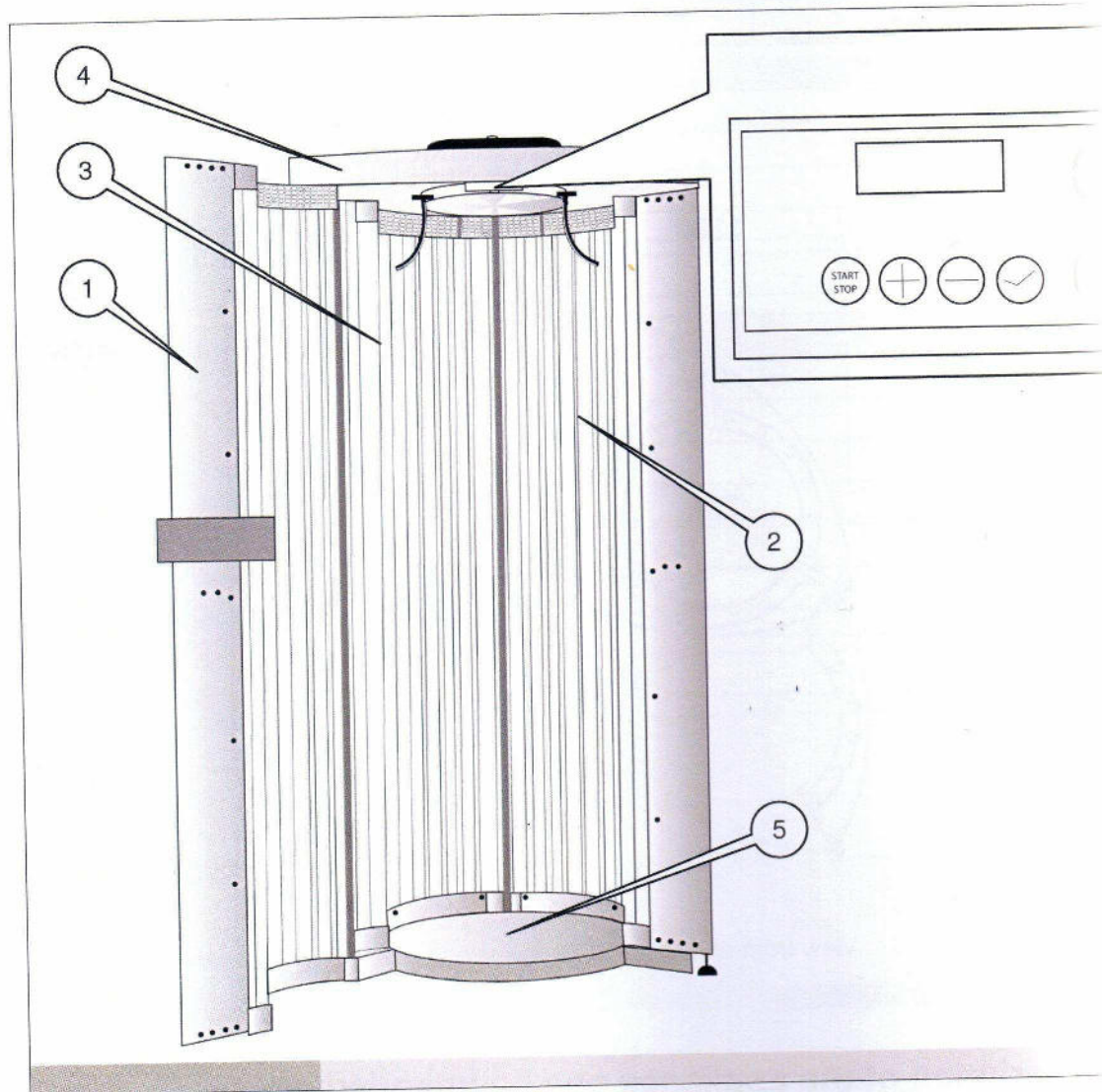
The SP3000Q vertical tanning comprise 18 vertical 160W UV bulbs at a height of 2m, intended exclusively for tanning the human body. Any other use will forfeit all the warranties and the manufacturer will assume no liability.

2 - Description of the appliance

2.2.1. Main components

The appliance comprises these components:

- Door (ref. 1 fig. 2-02)
- Right-hand wall (ref. 2 fig. 2-02)
- Left-hand wall (ref. 3 fig. 2-02)
- Roof (ref. 4 fig. 2-02)
- Base (ref. 5 fig. 2-02)
- Control panel (ref. 6 fig. 2-02)



6.1.2. External connections

There is a six-pole terminal board in the ceiling; pass the remote control cable through the relative PG9 on the roof next to the power cable, and connect it as in the diagram to enable remote control interfacing.

The drawing below (fig. 6-02) indicates how to connect the appliance to a general external control device.

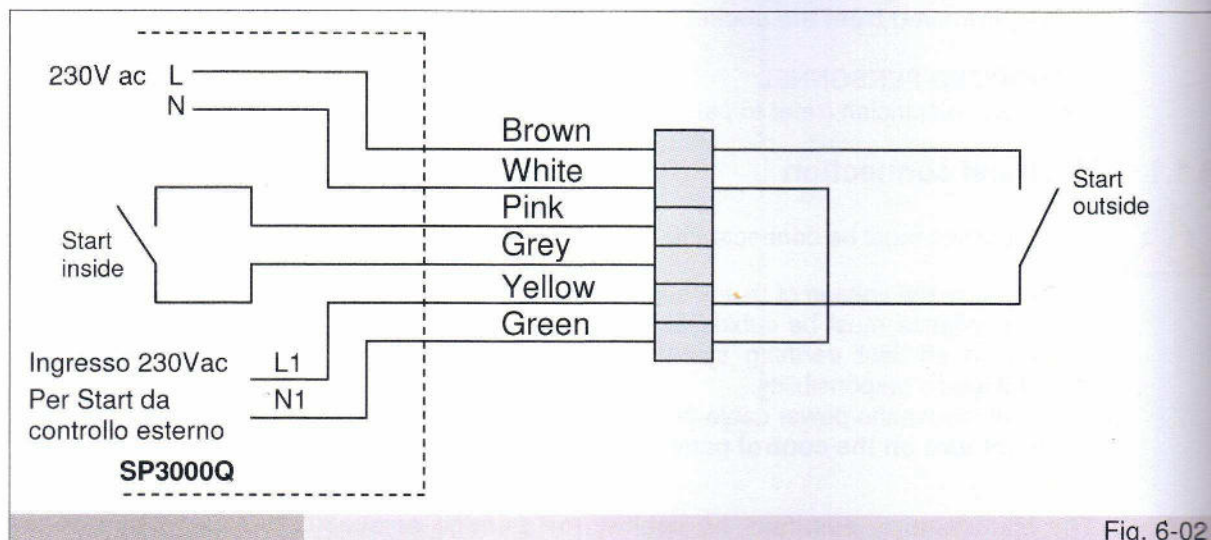


Fig. 6-02

Input 230 Vac to Start from outside control

7.4. Control panel

The appliance is operated by means of an electronic control panel. The panel features an interface screen allowing you to make certain changes to operation as indicated below.

7.4.1. Control panel for standard version

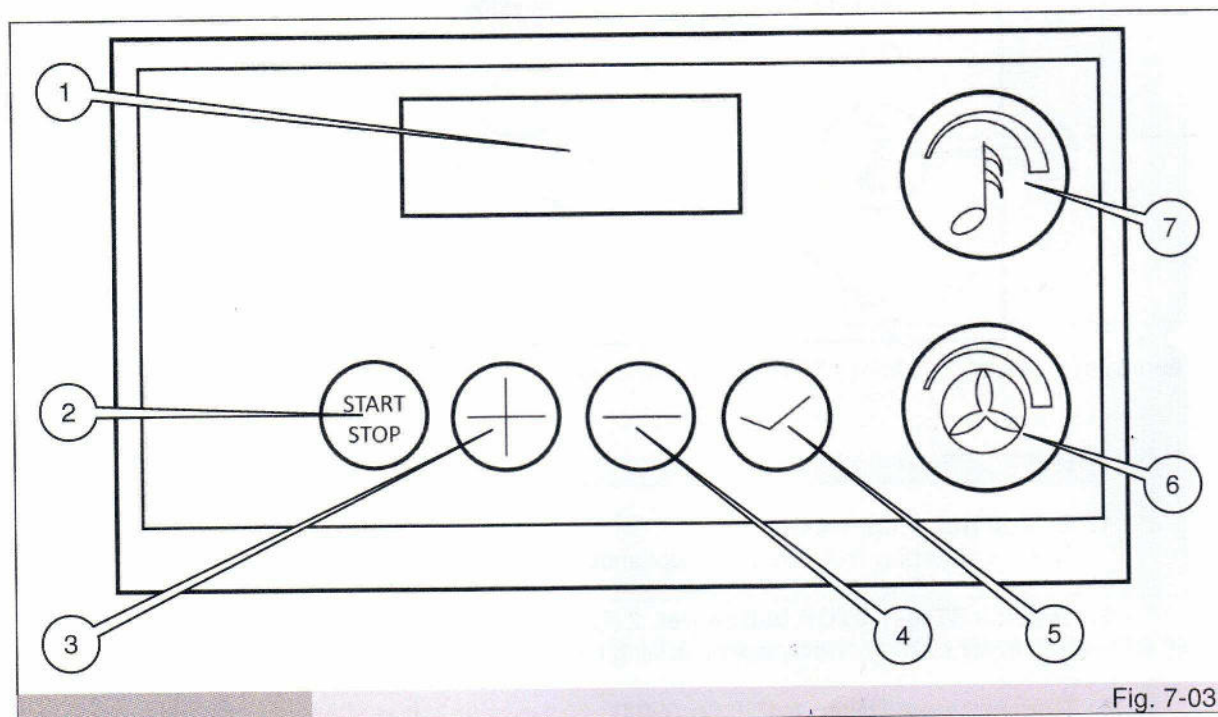


Fig. 7-03

1. **Screen (ref. 1 fig. 7-03).**
Graphical display indicating the appliance's operating and programming functions.
2. **Session START/STOP button (ref. 2 fig. 7-03).**
Button for starting and stopping tanning treatment.
3. **Time increase button (ref. 3 fig. 7-03).**
Button for increasing the tanning treatment exposure time.
4. **Time decrease button (ref. 4 fig. 7-03).**
Button for decreasing the tanning treatment exposure time.
5. **Section confirmation button (ref. 5 fig. 7-03).**
Button for confirming the settings configured for a section.
6. **Cabin ventilation control (ref. 6 fig. 7-03).**
Knob for adjusting ventilation in the cabin.
7. **Volume control (ref. 7 fig. 7-03) (optional).**
Knob for adjusting the volume of the cabin's audio system.

The control device is mainly for timing a session: it allows you to carry out a tanning session of set duration, by switching the bulbs on (START/STOP button) and off (START/STOP button or end of period).

The program also features counters that record the appliance's operating times (the bulbs' operating time and appliance's total time).

It is also possible to adjust ventilation in the cabin and the audio volume (optional) if a music device is connected outside.

7.4.2. Control panel for version with vibrating panel (optional)

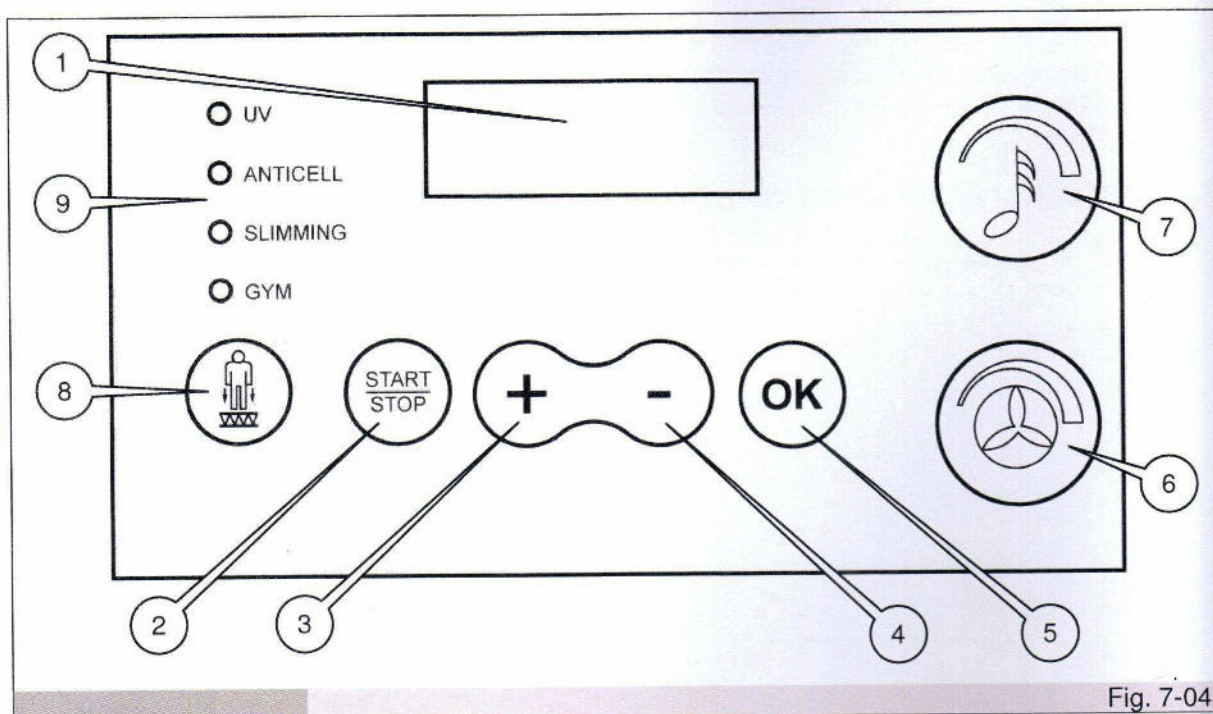


Fig. 7-04

1. Screen (ref. 1 fig. 7-04).

Graphical display indicating the appliance's operating and programming functions.

2. Session START/STOP button (ref. 2 fig. 7-04).

Button for starting and stopping tanning treatment.

3. Time increase button (ref. 3 fig. 7-04).

Button for increasing the tanning treatment exposure time.

4. Time decrease button (ref. 4 fig. 7-04).

Button for decreasing the tanning treatment exposure time.

5. Section confirmation button (ref. 5 fig. 7-04).

Button for confirming the settings configured for a section.

6. Cabin ventilation control (ref. 6 fig. 7-04).

Knob for adjusting ventilation in the cabin.

7. Volume control (ref. 7 fig. 7-04) (optional).

Knob for adjusting the volume of the cabin's audio system.

8. Vibrating panel button (ref. 8 fig. 7-04).

Button for using the vibrating panel; repeated pressing of the button allows you to select the required treatment; the relative light switches on to confirm a selection (ref. 9 fig. 7-04).

The control device is mainly for timing a session: it allows you to carry out a tanning session of set duration, by switching the bulbs on (START/STOP button) and off (START/STOP button or end of period).

Repeated pressing of the VIBRATING PLATE button allows you select the different vibrations of each treatment or switch off the plate. It is possible to stop the vibrating treatment during a session by re-pressing the VIBRATING PLATE button. However, the plate CANNOT then be re-started.

The program also features counters that record the appliance's operating times (the bulbs' operating time and appliance's total time).

It is also possible to adjust ventilation in the cabin and the audio volume (optional) if a music device is connected outside.

7.5. Control panel functions for standard model



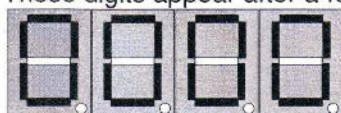
Do not use the appliance if you are in any way unsure as to how to use the timer.

7.5.1. User menu – remote control disabled

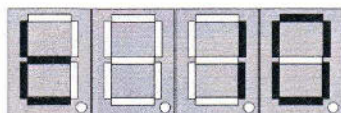
When the machine is started up, the display indicates the type of software:



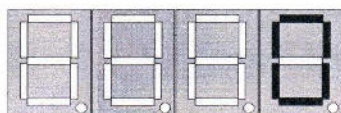
These digits appear after a few seconds:



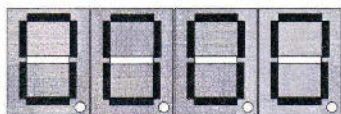
Press the **+** and **-** buttons to configure the session time, from a minimum of 1 minute to a maximum of 30 minutes. Press **✓** to confirm the time;
Press the **start/stop** button to start the session.



If the **start/stop** button is pressed during a session, the time is reset and the machine cooling cycle starts (the tanning session cannot be continued).
The cooling cycle starts at the end of the session and the display is as follows:



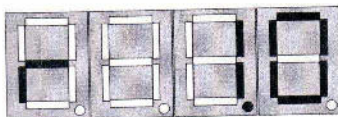
These digits are displayed at the end of the cooling cycle:



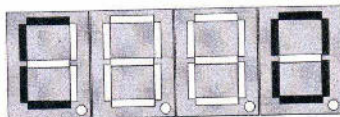
The appliance is ready for another session.

7.5.2. User menu – remote control enabled

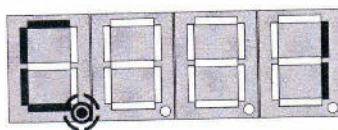
When the machine is started up, the display indicates the type of software:



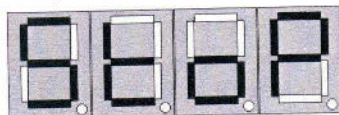
After a few seconds, the display is as follows:



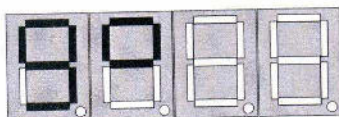
Press the **start/stop** button to start the session; the displayed time increases while the **dot** next to the letter **C** flashes:



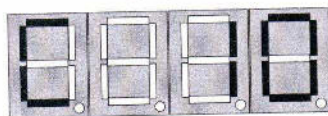
You can press the **start/stop** button to pause the session, in which case the cooling cycle starts and "Stop" appears on the display for a few seconds:



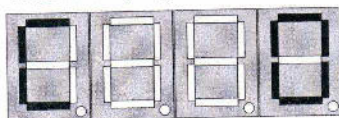
Press the **start/stop** button to continue the session, and this appears on the display for a few seconds:



The cooling cycle starts at the end of the session and the **session time continues** to be displayed.



This is displayed at the end of the cooling cycle:



The appliance is ready for another session.

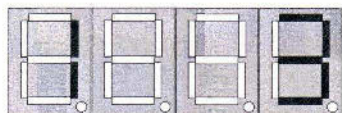
3. Service menu

Press both the + and – buttons at the same time and hold for 5 seconds to enter the service menu.

First parameter: **"COOLING TIME"**.

Press the + and – buttons to configure the time (minimum 3 minutes, maximum 5 minutes).

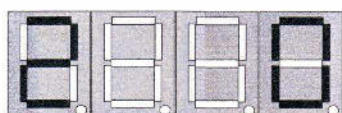
Press the ✓ button to confirm your selection and move to the next step.



Second parameter **"REMOTE CONTROL"**.

Press the + and – buttons to configure remote control = 0 disabled – 1 enabled.

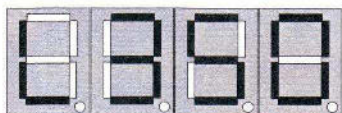
Press the ✓ button to confirm your selection and move to the next step.



Third parameter **"BULB TIME"**.

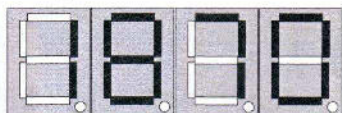
Press both the + and – buttons at the same time and hold for 5 seconds to reset the number of hours at the end of which the bulbs have to be changed.

Press the ✓ button to confirm your selection and move to the next step.



Fourth parameter **"MACHINE TIME"**.

This parameter cannot be changed.



N.B:

Pressing the START/STOP button when configuring one of the four parameters allows you to exit without saving any changes.

When you access a parameter, after 30 seconds of inactivity the program automatically returns to the user menu without saving any changes.

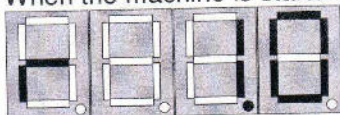
7.6. Functions of the control panel for version with vibrating plate (optional)



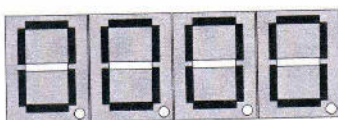
Do not use the appliance if you are in any way unsure as to how to use the timer.

7.6.1. User menu – remote control disabled

When the machine is started up, the display indicates the type of software:



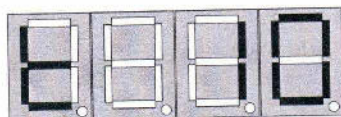
These digits appear after a few seconds:



Press the **+** and **-** buttons to configure the session time, from a minimum of 1 minute to a maximum of 30 minutes. Repeatedly pressing the **VIBRATING PLATE** button allows you to select a vibrating treatment or disable the vibrating plate. Press **OK** to confirm a selection.

*To cancel a selection, press and hold the **OK** button for five seconds.*

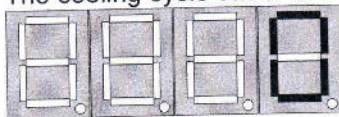
Press the **START/STOP** button to start the session.



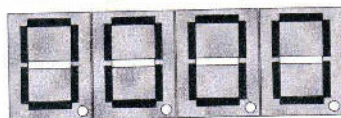
If the **start/stop** button is pressed during a session, the time is reset and the machine cooling cycle starts (the tanning session cannot be continued).

At this point the plate **CANNOT** be re-started.

The cooling cycle starts at the end of the session and the display is as follows:



These digits are displayed again at the end of the cooling cycle and vibration treatment:



The appliance is ready for another session.

7.6.2. Remote control enabled

The remote control can work in two modes: Mode 1 and Mode 3.

Remote control in Mode 1 (Mode 1). This is standard mode.

The user selects the type of treatment (UV or UV+VIBRATION or VIBRATION), then presses the start button. The vertical tanning's relay is then closed for two seconds, during which the Remote control "reads" the signal and closes its own relay for the duration of the session paid for by the user. The vertical tanning starts the selected treatment and stops at the end of the session.

Remote control in Mode 3 (Mode 3). New mode created to control the UV and VIBRATION functions separately with the Remote control.

Signals sent as different waves allows you to control the UV or VIBRATION functions, or both UV+VIBRATION:

The diagram below (fig. 7-05) illustrates the three different waves the Remote control has to emit when transmitting signals to the vertical tanning:

- **TYPE 1** for the selection **ONLY VIBRATION** (vibration only).
- **TYPE 2** for the selection **ONLY UV** (UV only).
- **TYPE 3** for the selection **UV+VIBRATION** (UV + vibration).

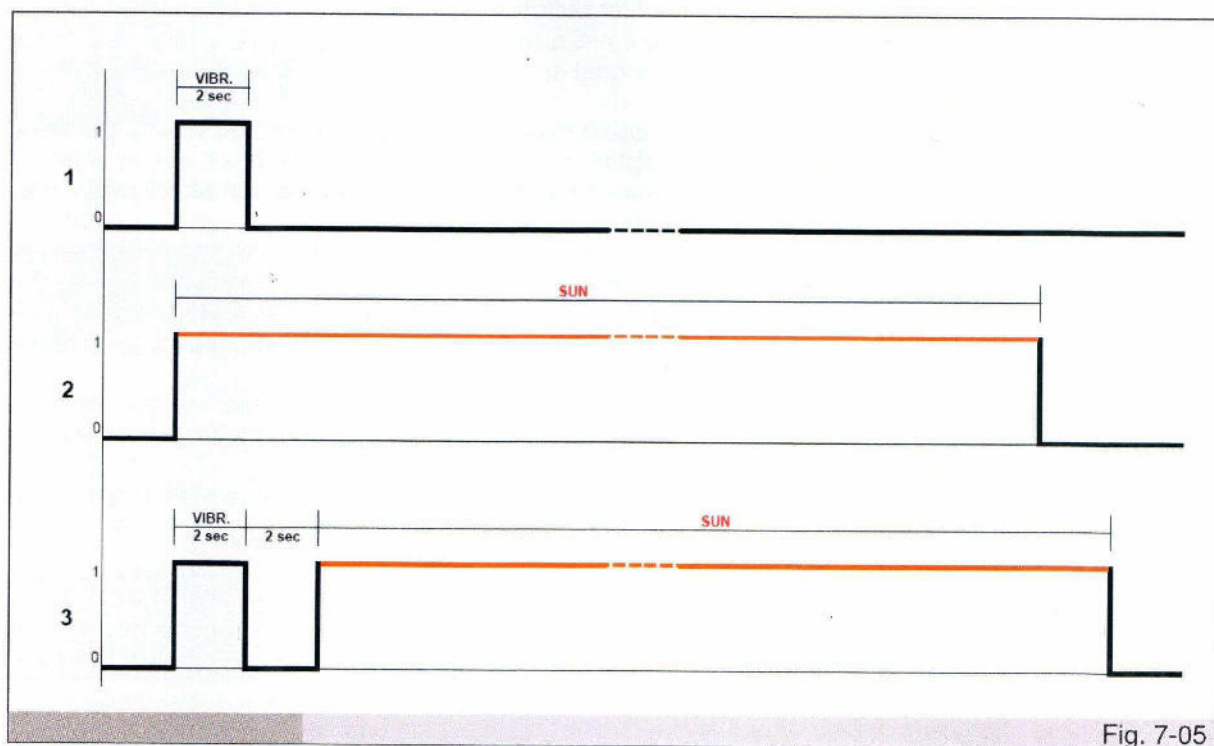


Fig. 7-05

Below is the procedure for which the Remote control communicates with the vertical tanning.

TYPE 2: ONLY the UV function is selected on the Remote control. Communication follows a standard procedure:

- The user configures the duration directly on the Remote control;
- the user presses the Start button on the vertical tanning (remote start-up) that emits a signal (2 seconds);
- the Remote control reads the input signal and closes the output relay for the selected duration of the session;
- ONLY the vertical tanning's bulbs are ON.

TYPE 1: ONLY VIBRATION

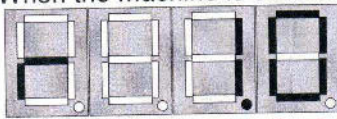
- The user selects the "only vibration" mode on the remote control.
- The Remote control emits a signal like the one illustrated in the diagram (1). Only two-second signals tell the vertical tanning to enable the "only vibration" mode.
- The vertical tanning reads the signal and enables only the VIBRATION treatment (the UV mode light is OFF, while the SLIMMING function light is FLASHING). The user selects the type of vibration treatment by pressing the first button (see above) and then the START button. Vibration commences and the vertical tanning emits a two-second signal.
- The Remote control reads the input signal and starts the internal counter.
- The vibration session ALWAYS takes 10 minutes and can **only be paused by pressing "STOP" or the vibration button on the display**.
- The pre-start period is controlled not on the Remote control but by the shower's timer, and can be configured between a minimum of one minute and a maximum of five minutes. The timer is enabled when the vertical tanning receives the signal from the Remote control: in the meantime the user selects the required treatment. If the pre-start period elapses before the user can make a selection, the software automatically starts a "SLIMMING" session.

TYPE 3: UV + VIBRATION (UV + vibration).

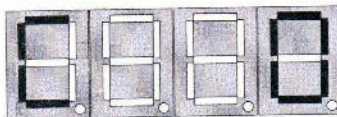
- The user selects the "UV + VIBRATION" mode on the Remote control and configures the duration.
- The Remote control emits a signal like the one in the diagram (2)
- The vertical tanning reads the signal and enables only the VIBRATION treatment (the UV mode light is OFF, while the SLIMMING function light is FLASHING). The user selects the type of vibration treatment by pressing the first button (see above) and then the START button. Vibration commences and the vertical tanning emits a two-second signal.
- The Remote control reads the input signal and starts the internal counter for the session paid for by the user.
- The vibration session ALWAYS takes 10 minutes and can **only be paused by pressing "STOP" or the vibration button on the display**, regardless of whether the bulbs are on or off.
- At the end of the UV session, the Remote control opens the emission relay, the signal is extinguished and the bulbs switch off.
- The pre-start period is controlled not on the Remote control but by the shower's timer, and can be configured between a minimum of one minute and a maximum of five minutes. The timer is enabled when the vertical tanning receives the signal from the Remote control: in the meantime the user selects the required treatment. If the pre-start period elapses before the user can make a selection, the software automatically starts a "SLIMMING" session.

7.6.3. User menu with remote control enabled

When the machine is started up, the display indicates the type of software:



These characters appear after a few seconds:



With remote control in mode 1

Use the + and - buttons to enable or disable UV treatment. The UV symbol indicates this treatment is enabled. Repeatedly pressing the VIBRATING PLATE button allows you to select a type of vibration treatment or disable the plate. Press OK to confirm your selection.

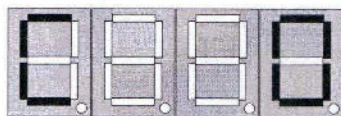
To cancel a selection, press and hold the OK button for 5 seconds.

With remote control in mode 3

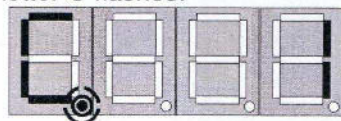
If the "only UV" mode is selected on the remote control, you can use the + button to enable UV treatment. Press **OK** to confirm your selection.

If the "only vibration" mode is selected on the remote control, press the VIBRATING PLATE button to select the vibration treatment (the UV function light is off). Press **OK** to confirm your selection.

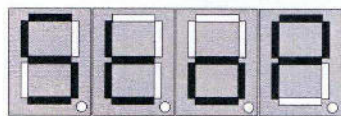
If the "UV+vibration" mode is selected on the remote control, press the VIBRATING PLATE button to select the vibration treatment (the UV function light switches on). Press **OK** to confirm your selection.



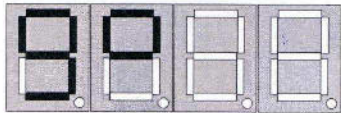
Press the **start/stop** button to start the session; the displayed time increases while the **dot** next to the letter **C** flashes:



You can press the **START/STOP** during the session to pause the appliance and start the cooling cycle. This appears on the display for a few seconds:

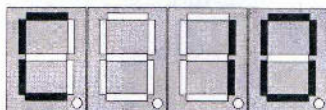


Press the **start/stop** button to continue the session, and this appears on the display for a few seconds:

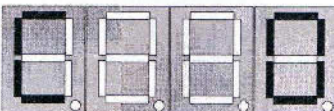


You can stop the vibration treatment during a session by re-pressing the VIBRATING PLATE button. You will not however be able to re-start the treatment.

At the end of the session, the cooling cycle starts and the session's duration appears on the display.



The display is like this at the end of the cooling cycle.



The appliance is ready for another session.

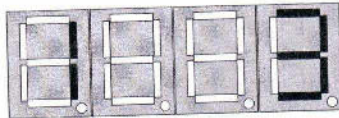
7.6.4. Parameter menu

Pressing and holding both the + and – buttons for five seconds opens the parameter menu.

First parameter: **"COOLING TIME"**

Press the + and – buttons to set the time (from a minimum of three minutes to a maximum of five).

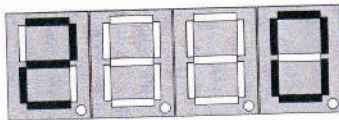
Press the OK button to confirm the selection and move to the next parameter.



Second parameter: **"REMOTE CONTROL"**

Press the + and – buttons to configure remote control at: **0**, 'disabled', or **1**, 'Remote control in mode 1', or **3**, 'Remote control in mode 3'.

Press the OK button to confirm the selection and move to the next parameter.



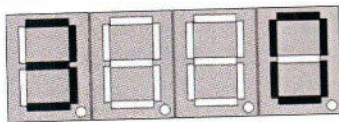
Third parameter: **"STAND-BY TIME"** (tempo di stand-by).

This parameter is the maximum time the appliance waits for the operator to select a treatment, when remote control is in mode 3.

Press the + and – buttons to set the time (from a minimum of three minutes to a maximum of five).

If set at **0**, stand-by is disabled; after receiving the remote control signal, treatment is started only after treatment is selected.

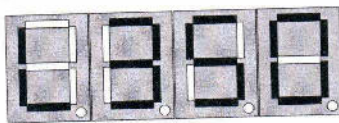
Press the OK button to confirm the selection and move to the next parameter.



Fourth parameter: **"LAMP TIME"**

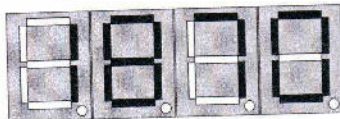
Press both the + and – buttons at the same time and hold for 5 seconds to reset the number of hours at the end of which the bulbs have to be changed.

Press the OK button to confirm your selection and move to the next parameter.



Fifth parameter **"MACHINE TIME"**.

This parameter cannot be changed.



Note:

Pressing the **START/STOP** button in one of the four menus takes you back to the user menu without saving changes.

After 30 seconds of inactivity in any menu, the program automatically returns to the user menu without saving any changes

7.6.5. Remote control connection

The upper panel features a hexapolar cable; connect this to the upper panel's PG9 near the same cable to activate an interface with the external Remote control.
The diagram below (fig. 7-06) indicates how to connect the appliance to the QTimer Bodywave controller.

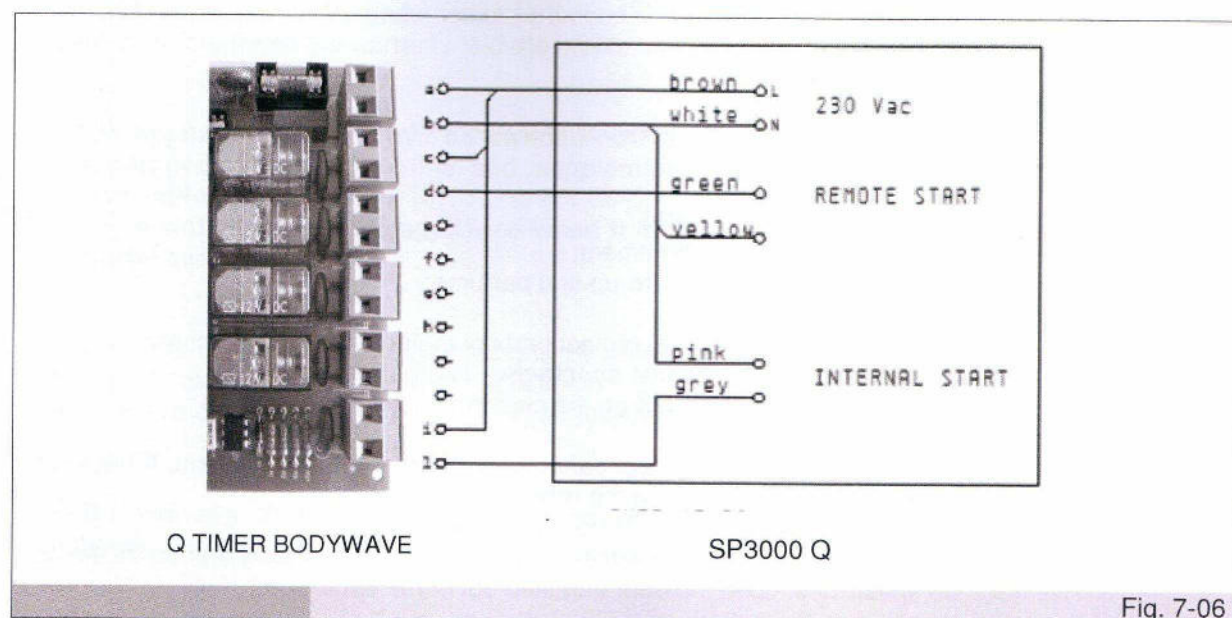


Fig. 7-06

7.6.6. Connecting a tape player (optional)

If the AUDIO AMPLIFICATION KIT is not supplied with the appliance, the input audio signal has to be amplified beforehand (max. 2Vm). If the kit is supplied with the appliance, however, use of an amplified signal could damage the internal electronic circuit.

7.7. Procedures prior to using the appliance

AUTHORIZED PERSON

Operator authorized to operate the appliance (refer to par. 1.6 "Personnel").

7.7.1. Start-up

AUTHORIZED PERSON

Operator authorized to operate the appliance (refer to par. 1.6 "Personnel").

PROCEDURE

Start up the appliance following these instructions in order:

1. make sure the plug is in the socket;
2. turn the main switch to "I" (ON).

12. ASSEMBLY

The appliance is supplied partially assembled:

- n. 1 base;
- n. 2 vertical pre-cabled walls;
- n. 1 pre-cabled door;
- n. 1 pre-cabled roof;
- n. 1 floor.

Make sure there is sufficient maneuvering space around the machine for assembly; if it needs to be positioned in a corner, push it into position after it has been assembled.

AUTHORIZED PERSONNEL

Specialized electrician (refer to par. 1.6 "Personnel").



The appliance must be assembled by two persons.

PROCEDURE

- Remove all the appliance's components from their packaging and then position the base at the point where the appliance is to be installed. Adjust the support feet (ref. 1 fig. 12-01), taking into account that the optimal distance between the floor and the wall's support surface is 50 mm. Place the mat under the base.

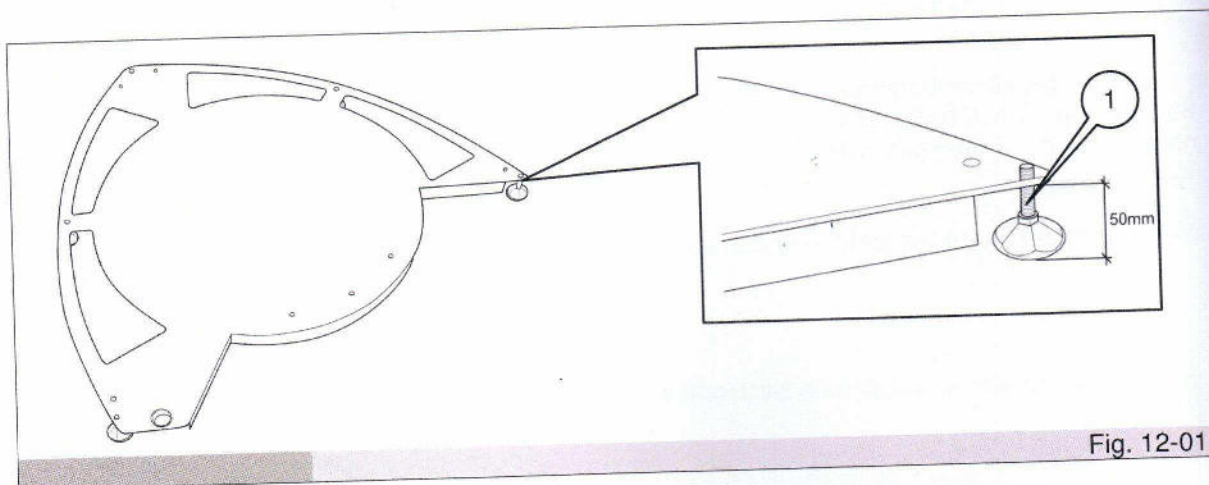


Fig. 12-01

- Position one wall at a time on the base, inserting the M8 supports at the base of each wall (ref. 1 fig. 12-02) in the relative holes in the base. The walls must be inserted from above and the cables should pass through at the top.

If the appliance is supplied with a vibrating plate (optional), remember to pass the plate's cables that leave the base of the left-hand wall through the relative hole (ref. 3 fig. 12-02) at the base of the appliance.

Attach the two walls to the base by screwing the relative M8 nuts onto their M8 supports using a spanner from under the base. The walls can be kept together during assembly by fitting the bracket (ref. 4 fig. 12-02), supplied in the accessory kit, on the M6 pins (ref. 5 fig. 12-02).

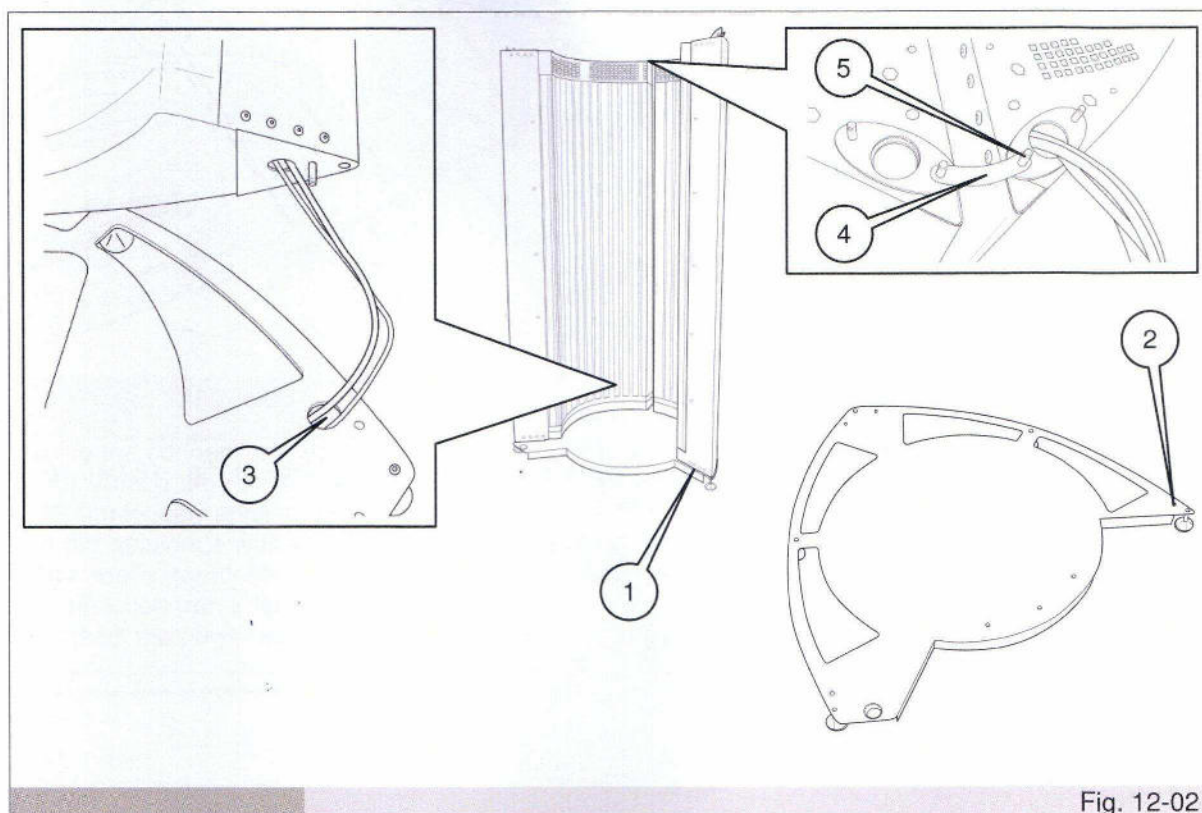


Fig. 12-02

12 - Assembly / Section on technical assistance

- Lift the roof and place it on the walls, inserting the M6 supports (ref. 1 fig. 12-03) on the walls in the holes in the roof; when positioning the roof, make sure the cables pass through the guide holes (ref. 2 fig. 12-03). When the roof is correctly positioned on the walls, insert the washers and M6 nuts on the M6 supports jutting through the roof (ref. 3 fig. 12-03); fit the nuts on loosely at first so that the roof can then be raised to facilitate insertion of the door.

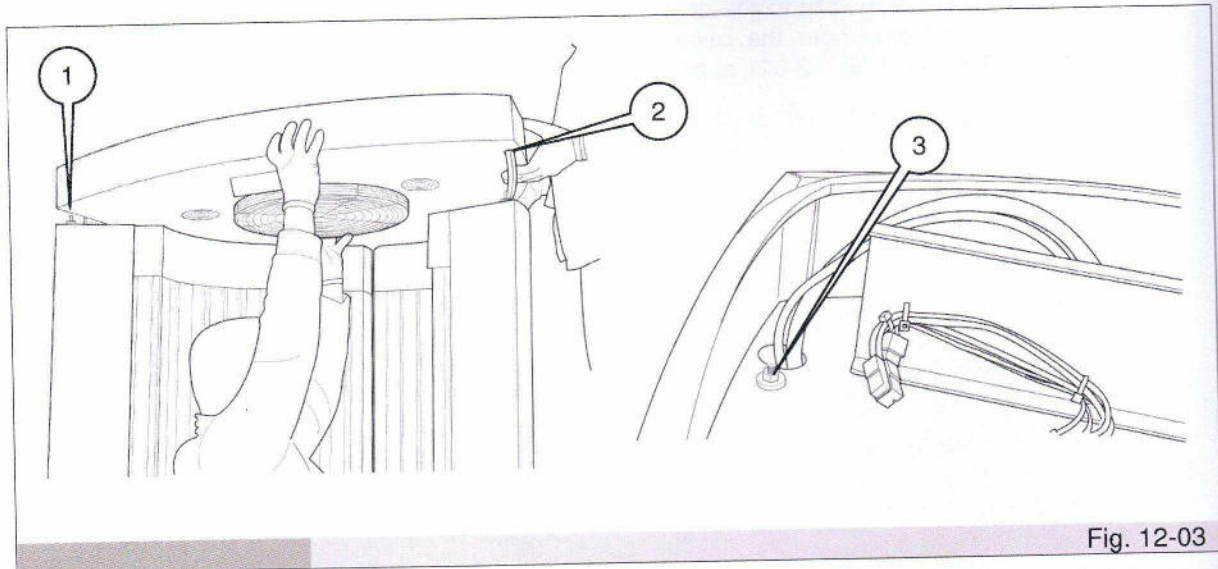


Fig. 12-03

- Before installing the door, insert the black nylon bushing (ref. 1 fig. 12-04) supplied in the accessory kit on the hole at the base.

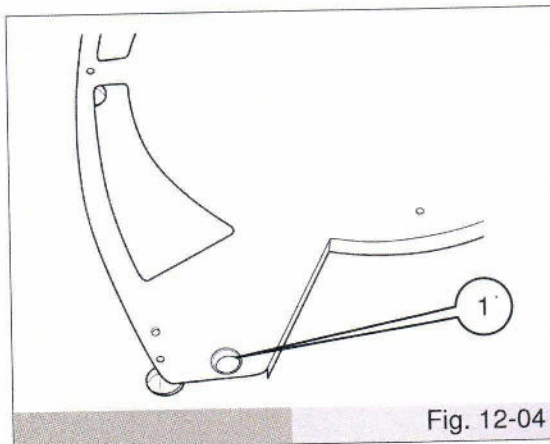


Fig. 12-04

- Fit the second black nylon bushing, also supplied in the accessory kit, on the door's upper pin, making sure the cables pass through inside.

- Install the door, initially inserting the lower pin (ref. 1 fig. 12-05) in its hole in the base and then, lifting the front part of the roof and passing the door's cables through the guide hole (ref. 3 fig. 12-05) in the roof, insert the door's upper pin (ref. 2 fig. 12-05) in the relative guide hole through which the cables were previously passed.

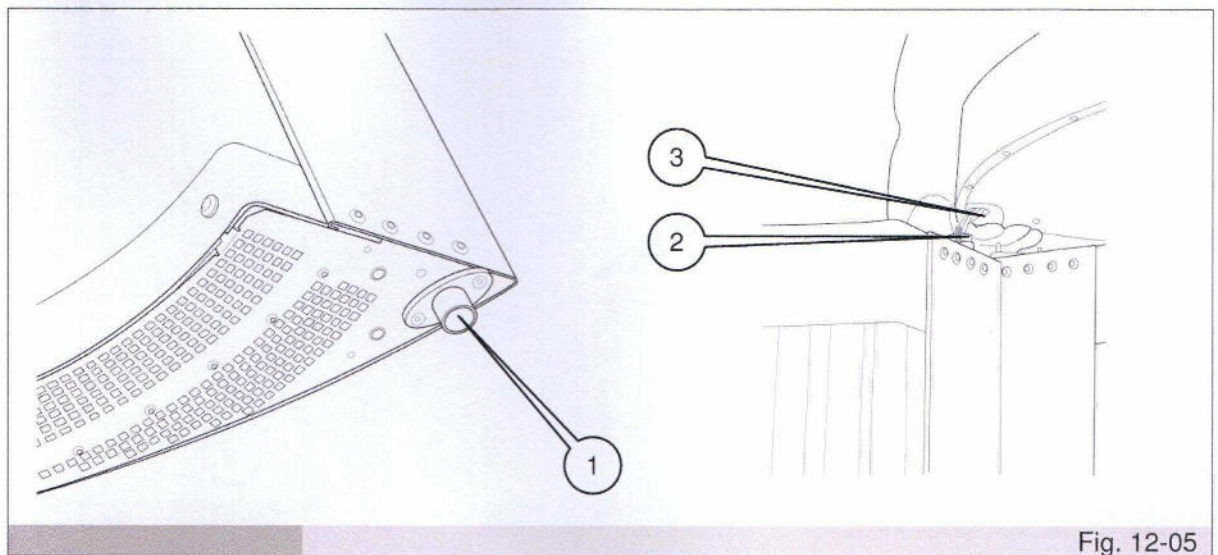


Fig. 12-05

- Make the connections, connecting the roof's terminals to those on the walls and door (ref. 1 fig. 12-06). Attach the roof to the side walls by fully screwing down the washers and M6 nuts (ref. 2 fig. 12-03) loosely applied earlier on.
If the appliance was supplied with vibrating plate (optional), make the connections by connecting the roof's terminals with those on the left-hand wall to make the vibrating plate's electrical connection (ref. 2 fig. 12-06).
- Connect the power cable to the network filter (ref. 3 fig. 12-06).

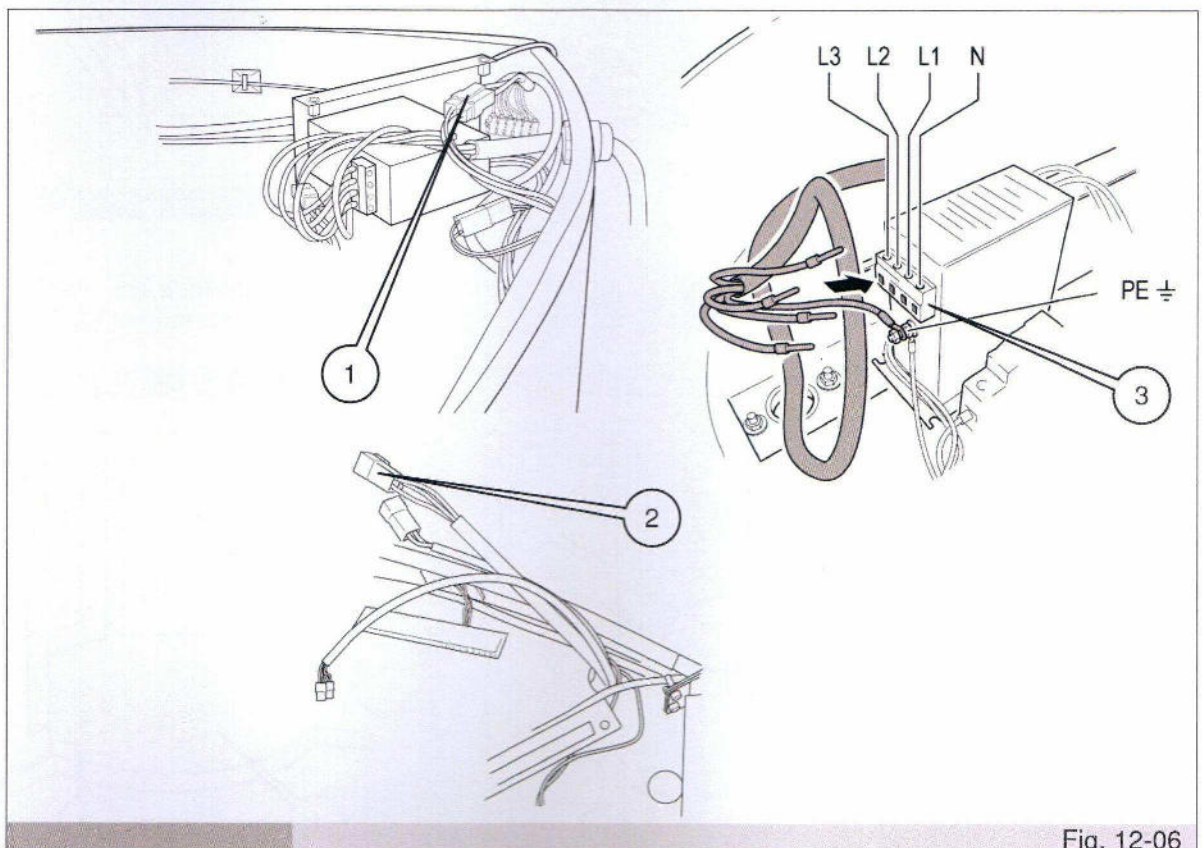


Fig. 12-06

- After making the connections, check the earthing system.