

SunVision
BY ALISUN

PROFITABLE PERFECTION

V Compact XL V 200 XXL



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User's manual

Serial Number Panel 1:	Serial Number Panel 2:	Serial Number Panel 3:	Serial Number Shaft:
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Foreword

You have made an excellent choice in purchasing a SunVISION V. The SunVISION V COMPACT XL and V200 XXL sunbeds are the result of years of development work and careful manufacture. The SunVISION V-SERIES are designed to be as user friendly as possible and, of course, comply fully with all applicable European safety requirements. We ask that you read these instructions carefully: for the safety of your guests and to ensure that you enjoy your SunVISION V for as long as possible.

This manual provides the information you will need to install, program and maintain a SunVISION V-SERIES. This manual also contains general information that each studio owner will find useful.

Each SunVISION V comes with an instruction poster. This explains to the user of the SunVISION V how he or she can achieve safe and effective tanning with the sunbed.

IMPORTANT:

It is a legal requirement that the instruction poster be displayed on the cabin wall of the SunVISION V so that it can be easily read by all customers!

Serial numbers

Make a note of the serial numbers of your SunVISION V on page 1. You will need these if you contact your supplier with questions.

Each panel and the shaft has its own serial number. You will find the manufacturer's stickers with the serial number of a panel is located on the inside of the panel. The serial number of the shaft is on the manufacturer's sticker which you will find on the back of the shaft. The serial numbers are also mentioned on the stickers on both sides of the cardboard boxes.

Technical variations

A SunVISION of the V-SERIES consists of three vertical units, one of which is hinged. Furthermore, this sun shower also incorporates a shaft and a floor plate and the V200 XXL is fitted with a Cool Breeze Unit as standard. A changing booth is optional with the SunVISION V.

The SunVISION V-RANGE consists of two types:

- the SunVISION V Compact XL with 42 (3 x 14) GoldSun XT 190 S 120 Watt tubes;
- the SunVISION V200 XXL with 48 (3x16) 180/200 Watt Cosmolux VHR4-200 tubes.

Variations are listed with the type.

Approvals

All SunVISION tanning equipment has been comprehensively inspected and awarded the following seals of approval:

- CAA (European standard)
- EMC
- GS (TÜV)
- CE mark

Introduction of the SunVision V-series

The SunVISION V belongs to the top end of the professional market and is manufactured by Alisun Europe B.V. The SunVISION V is a vertical sun shower from the SunVISION line and has an excellent price/quality ratio.

Features

The SunVISION V-SERIES offers the studio owner the benefit that it requires less floor space, which means that smaller cabins are sufficient. If you have selected a SunVISION V-SERIES in combination with a changing booth, then you don't even need a cabin at all, a spare corner will suffice. The round shape of the SunVISION V-SERIES gives your clients the possibility of standing in various positions in the sun shower without this having a detrimental effect upon the uniform tanning result; the distance between the body and the tubes remains the same.

Options

In addition to the standard, a Cool Breeze Unit is available as an option for the SunVISION V COMPACT XL. This is supplied as standard on the SunVISION V200 XXL and is furnished with two stereo high-power loudspeakers and sensor controlled interior lighting.

Accessories

The following accessories for the SunVISION V are available from your distributor:

- | | |
|--|---------------------------|
| - reception control system | art.nbr.: 337342 + 337340 |
| - coin box | art.nbr.: 355134 |
| - coins | art.nbr.: 355132 |
| - changing booth | art.nbr.: 817790 |
| - hygienic floor mats | art.nbr.: 348040 |
| - roof changing booth | art.nbr.: 427220 |
| - mounting bracket for coin operator incl. mirror, jewel box | art.nbr.: 427215 |

Tanning

The SunVISION V-SERIES gives a high tanning result due to a small, uniform distance between the body and the tubes. The efficient cooling technology of the tubes also results in high quality tanning. The powerful ventilators, in combination with the ventilation openings on the top and bottom of the vertical panels, ensure an optimal lifetime and maximum results from the tubes.

Cooling

Because the tube and body cooling are separate from each other the SunVISION V-SERIES has sublime cooling. The warm air from the lamp cooling is discharged direct to outside and does not pass along the body. Air from outside the unit is drawn in for the body cooling, so that your client is cooled with 'fresh' air and not with air that has already been warmed by the tube

cooling. The direction that the face cooler blows is adjustable and thus can be personally set by each user. The intensity of the body cooling can be adjusted in increments and can be read off the control panel.

Control panel

The control panel of the SunVISION V-SERIES is located in the shaft at a height of around 150 centimetres, easy to reach for anyone. The unit is simple to operate with the aid of the clear touch buttons. See the 'OPERATION' chapter in the 'INSTRUCTIONS FOR USE' section for more information on the control panel.

Safety

The reliable technology of the SunVISION V ensures optimal continuity. Each SunVISION V satisfies the European standards and tests and is fitted with the Active Safety Monitoring System as standard; a powerful processor that continuously monitors all main relays. In the event of a fault the tubes are immediately switched off and the cooling is automatically initiated.

Comfort

In the development of the SunVISION V-SERIES explicit consideration was given to user comfort. All designs are fitted with body cooling along their entire length and have individual face cooling for optimal refreshment as standard. They also incorporate unique ergonomically shaped handles and simple electronic operation. And all information is visible at a glance on a clear digital display.

Studio control

The SunVISION V is furnished with a separate coin box and reception control connection, in an easily accessible location. Naturally, with the option of installing the SunVision reception control system and coin box with full control over the sun shower. See the chapter 'RECEPTION CONTROL SYSTEM AND COIN BOX' in the 'INSTALLING INSTRUCTIONS' section for more information.

Quality

The SunVISION V-SERIES is manufactured from high-quality materials to give the maximum possible lifetime. It is based upon a sturdy aluminum construction with steel cross-bracing. The use of top quality plastics with special UV blockers gives the SunVISION V's plastic parts high UV- stability.

Maintenance

Wear resistant, smooth finished materials are used, making the SunVISION V maintenance friendly and easy, quick and hygienic to clean. The control panel plus LED screen and touch keys are

covered by a membrane, making dirty edges a thing of the past and cleaning simple.

Changing tubes and cleaning are easy because the acrylic sheets can be opened in a simple operation. See the chapter 'MAINTENANCE' in the 'INSTRUCTIONS FOR USE' section for more information.

Tanning with the SunVision V-series

Being the owner or employee of a tanning studio you naturally know how to use your tanning equipment. Nevertheless, we will now list the 'regulations' and recommendations once again. This should enable you to offer your guest good advice about healthy, safe and hygienic tanning using the SunVISION V.

Benefits

The use of tanning equipment has a number of beneficial effects on our health. Apart from a 'healthy' colour, sunlight promotes the generation of vitamin D3, which is important for our entire bone system. Sunbathing thus has a beneficial effect in the treatment of osteoporosis. Many people experience an alleviation of muscular pain and rheumatic complaints after a tanning course. There are also indications that sunbathing has a beneficial effect upon metabolism, blood pressure and cholesterol levels. But by far the greatest effect of sunshine appears to be its effect on our mood. We become happier and more energetic and it is a great way of combating stress and fatigue.

Skin types

White skinned people can be divided into four skin types: I to IV inclusive. Skin type I contains no pigmentation and cannot tan at all, can tan very little, when exposed to the sun. People with this skin type are most likely to suffer from sunburn and should not use any tanning equipment without seeking advice from a doctor first. Skin type IV is a tinted, light skin, the epidermis of which naturally contains a pigment, which can easily be further developed by sunbathing without the danger of sunburn. Skin types II and III represent the transition from I to IV.

It is important that your guest is aware of the sensitivity of his or her skin and skin type before using tanning equipment. Your guest's experience with natural sun is an important guideline here. The list of questions can help your guest to reach a reasonable approximation of his or her skin type.

Tanning course

A course plan consists of twelve days. There is a rest period of 48 hours between the first and second tanning sessions, and a rest period of 24 hours between all subsequent tanning sessions. The tanning time on the first day is never less than 3 minutes. Recommend your guests not to use tanning equipment more often than 50 times per year. Also recommend to observe a rest period of 4 weeks between each sunbathing course.

Depending of your customers skin type and the type of your SunVision V, you read the recommended exposure times in the according course table.

How sensitive is the skin?

Answer the following questions and note the according score:

1. What colours are the eyes?			4. Has your guest got many freckles?		
light blue/green/grey	0	score:	yes	0	score:
blue/green/gray	2		no	4	
light brown	4		5. How does the skin react after having been out in the sun for a few hours at the beginning of the summer?		
dark brown/black	8				
2. What is the natural hair colour?			6. How brown is your guest after a week's holiday with lots of sun?		
red/blonde/brown	0	score:	painfully burnt, peeling	0	score:
mid-brown	2		burnt/peeling slightly	2	
dark brown/black	4		somewhat burnt	4	
			very slightly burnt	8	
3. What colour is the untanned skin?			not burnt	12	
reddish	0	score:	6. How brown is your guest after a week's holiday with lots of sun?		
white but not pallid	2				
white to beige	4		not brown or hardly brown	0	score:
white to brown	8		somewhat brown	2	
light brown/olive coloured	16		deep brown	4	
dark brown	20		skin is naturally brown	8	

Check the scores and add up the total. You can determine your guest's skin type using the Skin sensitivity table below.

Skin sensitivity table		
Total score	Skin type	Definition
< 12	I	Very sensitive skin
12 - 18	II	Sensitive skin
19 - 25	III	Normal skin
26 - 40	IV	Skin with very good resistance to the sun
> 40	V or VI	Naturally brown skin

Course tables

SunVision V Compact XL		Tubes: Goldsun XT190 S 120 W		
UV-type 3				
sunbath	skin type II	skin type III	skin type IV	
1	7	7	7	
2	8	9	10	
3	9	10	12	
4	10	12	14	
5	11	14	16	
6	12	15	19	
7	13	17	21	
8	14	19	23	
9	15	20	26	
10	16	22	28	
11	17	24	30	
12	18	25	32	
		minutes		

IMPORTANT:

The tanning times given (in minutes) in the course tables are based upon the standard version of the SunVISION V. Different tube combinations require different tanning times.

Tables for other tube combinations are available from your distributor upon request.

IMPORTANT:

Bear in mind that new lamps in the first 50 hours of use emit around 20% more 'UV output'. During this period you should reduce the tanning time by around 20%.

SunVision V 200 XXL

Tubes: 180/200 Watt Cosmolux VHR4-200

UV-type 4

sunbath	skin type II	skin type III	skin type IV
1	3	3	3
2	4	4	4
3	4	5	5
4	5	6	7
5	5	6	8
6	6	7	9
7	6	8	10
8	7	9	11
9	7	9	12
10	7	10	13
11	8	11	14
12	8	12	15
			minutes

Sensible tanning

Tanning with tanning equipment is not without risks. Careless and excessive use of tanning equipment, like excessive exposure to the sun, increases the probability of eye and skin disorders. The degree to which these effects occur is partially determined by the intensity and duration of sunbathing, but is also influenced by the sensitivity of the person in question.

Various European countries have guidelines and recommendations to reduce or prevent the risks associated with sunlight. It is in your own interest and that of your guest to follow your country's guidelines for tanning.

The safe annual dose of sunlight was found to be 15 kJ/m² by CEI/ICE (reference number: 335-2-27:1995).

Your guest would do well to strictly observe the instructions in this manual before beginning tanning.

- Care should be taken in determining your guest's skin type before tanning and you should ensure that the tanning plan based upon this skin type is followed.
- Children under 16 years of age and people with skin type I are advised not to sunbathe, i.e. not even outside. The only possible use of tanning equipment for people with skin type I is for 'light therapy' in consultation with a doctor.
- We recommend that cosmetics are removed several hours before tanning. Some substances can influence the skin's sensitivity to light. Sun cosmetics with a protection factor may not be used during tanning. Special cosmetic products for sunbathing can, of course, be used.
- Recommend your guests not to wear jewellery during tanning.
- Bathing or showering before tanning is not recommended, because soap dissolves the natural oils of the skin. Furthermore, the same precautions apply for the SunVISION V as those for any other electrical equipment: Do not use in the direct vicinity of water or with wet skin.
- Just as for natural sunbathing it is a good idea to look after the skin using a moisturiser and nourishing cream after tanning (and showering).
- UV light is harmful to the naked eye. Never look into the tubes when they are on. Unprotected eyes can become infected due to sunbathing and in certain circumstances - for example in the event of excessive exposure - sunbathing can lead to damage to the retina. Excessively frequent exposure can lead to cataracts over time. Ensure that your guest protects his or her eyes with sunglasses that are suitable for this purpose (UV goggles).
- Contact lens users are advised to remove their lenses.
- Excessive exposure to UV light from the sun or from tanning equipment can lead to a burnt skin. Sunbathing too often can lead to a rapid ageing of the skin and an increased prob-

ability of skin complaints.

- Draw your guest's attention to the fact that the skin may not be exposed to UV light more frequently than once per day.
- Ask your guest to be patient. Tanning is not like painting where the final coat 'covers' immediately. Try not to force the pace.
- Some medicines contain light-sensitive substances that can influence the skin's sensitivity to UV light. Advise your guests to carefully read the instructions accompanying a medicine and to consult a doctor in case of any doubt.
- If the skin unexpectedly goes red during tanning, there is probably a heat erythema due to blood vessel dilatation. This causes excessive heat to be carried away more quickly. Allow the body to cool, reduce tanning times and try to prevent perspiration.
- Refer your guest to a doctor if he or she suffers skin problems.
- Some women react differently to UV light when pregnant than normal. Look out for this well and avoid UV light in the event of excessive sensitivity. UV light is not dangerous to an unborn child.
- Sunbathing with varicose veins is not a problem, provided the feet are raised slightly, for example by resting them on a rolled up cloth.
- Pacemakers are tested comprehensively by the manufacturer and are resistant to normal UV light.

Operation

Once the user has entered the SUNVISION V-SERIES, the door panel can be closed. The control panel will be visible between the two other panels in front of the user.

The material and printing of the control panel are designed to allow the user to easily read the text and symbols while wearing UV goggles.

The control panel is covered with a clear membrane that makes it easy to clean and prevents dirty edges.

Description of the control panel

On the control panel the following buttons can be seen from top to bottom (as shown):

- a START
- b STOP
- c Display
- d Increase body cooling
- e Reduce body cooling

Adjusting the level of body cooling (d/e)

The level of body cooling can be adjusted from the control panel.

Pressing the button with the large fan symbol (d) makes the body cooling blow harder. By pressing the button with the small fan symbol (e) the level of body cooling is reduced. When either one of the fan buttons is pressed the cooling level is shown on the display by an indicator. There are 4 possible settings: off, low, medium and high (see Fig. 1).

Display (c)

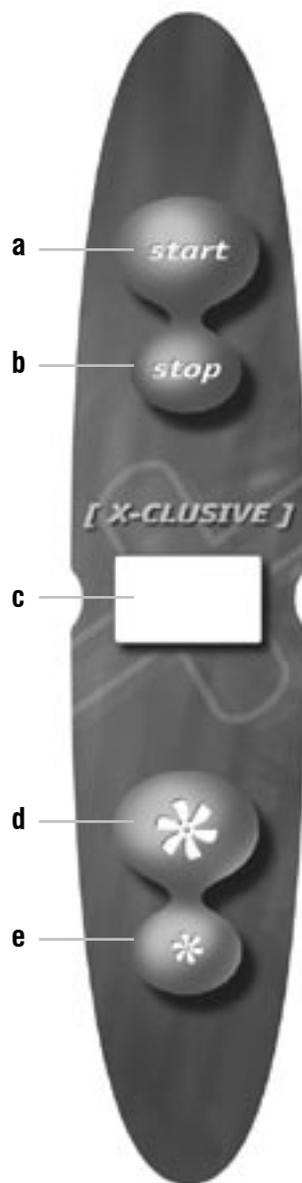
The display shows the tanning time in minutes, rounded off. The last minute is counted down in seconds. More information is provided in the chapter 'PROGRAMMING'.

START-button (a)

Stand alone mode

If your SUNVISION V has been programmed in the 'stand alone mode' (code 0, see 'PROGRAMMING', function 1) the following operating instructions should be followed:

- 0 The user presses the START-button (a). The display now shows the



tanning time in minutes. Every time the START-button (a) is pressed, the tanning time is reduced by one minute. This can be repeated until the desired tanning time has been reached. The tanning time cannot be increased.

Coin box mode

If your SUNVISION V has been programmed in the 'Coin box with timer mode' (code 1, see 'PROGRAMMING', function 1) the following operating instructions should be followed for the sunbed:

- 1 The user inserts a number of coins into the coin box and the SUNVISION V will start up. '00' will appear on the display and the tanning time will increase to the value of the coins inserted. The coin box will switch the SUNVISION V off when the tanning time has run out. If the STOP-button (b) on the control panel is pressed during tanning, the SUNVISION V will switch over to pause mode for 30 seconds. If the START-button (a) is pressed within these 30 seconds, the SUNVISION V will resume the tanning session. After the 30 seconds the SUNVISION V will stop and switch over to after-cooling.

If your SUNVISION V has been programmed in the 'Coin box with pulse output mode' (code 2, see 'PROGRAMMING', function 1) the following operating instructions should be followed for the sunbed:

- 2 The user inserts a number of coins into the coin box while the tanning time shown on the display increases according to the value of the coins inserted. Each time a coin is inserted a beep will be heard. Coins can be inserted until the maximum tanning time has been reached. If coins are inserted after the maximum tanning time has been reached, three beeps will be heard each time.

15 Seconds after the last coin has been inserted the undressing time will start. The undressing time is counted down on the control panel display of the sunbed (Fig. 3) and the start button can be pressed. After the undressing time has finished or after pressing the START-button (a), the SUNVISION V will start. Inserting coins during tanning has no effect. If the STOP-button (b) on the control panel is pressed during tanning, the SUNVISION V will switch over to pause mode. If the START-button (a) is pressed within 30 seconds, the SUNVISION V will resume the tanning session. After the 30 seconds the SUNVISION V will stop and switch over to after-cooling (Fig. 4).

Reception control mode

If your SUNVISION V has been programmed in the 'reception control mode' (code 3, see 'PROGRAMMING', function 1), the SUNVISION V can be started in two different ways:

- 3-1** When start is pressed at reception, SUNVISION V emits three beeps. These beeps indicate that the undressing time has begun. The reception control display indicates the number of tanning minutes. If set, the undressing time is shown on the SUNVISION V display and counts down to 0. The user undresses, steps into the SUNVISION V and presses the START-button (a). This interrupts the remaining undressing time and the SUNVISION V switches on straight away. When the undressing time has run out, the SUNVISION V will come on, regardless of whether the user is prepared for it or not. At that point the tanning time can be seen counting down in minutes (the last minute in seconds) on the reception display. By pressing the START-button (a) repeatedly either at reception or on the SUNVISION V, the tanning time is decreased by 1 minute each time. If STOP is pressed at reception, the SUNVISION V switches off.

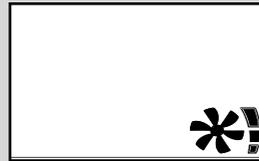
- 3-2** If the sun shower has not been started at reception, the user can indicate readiness by pressing the START-button (a). Three beeps will be heard at reception. The SUNVISION V display and the reception control display will start flashing with the tanning time that has been set. Reception can switch on the SUNVISION V by pressing the START-button and, if necessary, can then decrease the tanning time in one-minute steps by holding down the start button. Increasing the tanning time is not possible.

If someone presses the STOP-button at the reception during tanning, the SUNVISION V will switch off. If the STOP-button (b) on the control panel is pressed during tanning, the SUNVISION V will switch over to pause mode for 30 seconds. If the START-button (a) is pressed within these 30 seconds, the SUNVISION V will resume the tanning session. After 30 seconds the SUNVISION V will stop and switch over to after-cooling (Fig.4).

STOP-button (b)

The STOP-button (b) allows the user to put the SUNVISION V into pause mode. The body lamps will switch off. The remaining tanning time on the display continues to 0. The pause mode will last for 30 seconds.

1 Display (c)



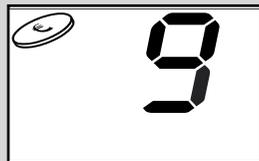
Body cooler-with-steps-indication

2 Stand By mode



In Stand-alone working mode

3 Coin insert



Undressing time in seconds

4 After cooling



Rest time in minutes (last min. in sec.)

If the user presses the START-button (a) within these 30 seconds, the pause mode is cancelled and the tanning time will continue from the point before the pause. This makes it possible for the user to continue the tanning session after accidentally pressing the STOP-button (b). If the START-button (a) is not pressed again within the 30 second pause, the SUNVISION V will switch off. The fans of the cooling system will continue to provide after-cooling so that the SUNVISION V is quickly ready for the next user (Fig. 4).

Operating modes

The SUNVISION V can operate in a number of different modes. These are: Power Up, Stand By, 'ON', After-cooling and Configuration mode. These are discussed in more detail below.

Power Up mode

The power supply to the sunbed is switched on by putting the plug into the socket. The appliance then goes into 'power up' mode. The display (c) will first of all show the number of the operating component software version (Fig. 5).

After 1 second the number of the circuitry software version is shown. To help make the distinction the 'sun' symbol is also shown (Fig. 6). After 7 seconds the appliance will go into Stand By mode (Fig. 7).

Stand By mode

Once it is in this mode, the sunbed is ready for use. The numbers shown on the display are '00' (Fig. 7 shows the Stand-alone mode).

When in this mode the sun shower can be switched on or switched over to the Configuration mode (please see the description of this mode later on in this chapter).

'ON' mode

The sunbed is switched on. The display shows the remaining time in minutes (also refer to 'START-button (a)' above). The last minute is shown in seconds (Fig. 8).

After-cooling mode

Once the selected time is finished, the lamps of the SunVISION V will switch off. The fans will continue to provide after-cooling (the time for this can be adjusted, see 'PROGRAMMING', function 5) so that the SunVISION V is quickly ready for the next user.

Once this is finished, the SunVISION V will return to Stand By mode.

Configuration mode

When you are in this mode, you can program or reprogram certain functions of the unit. Counter readings can also be taken in this mode, for example working hours of the lamps.

The main menu in the Configuration mode can be reached from the Stand-by mode by holding down buttons Bodycooling UP (d), Bodycooling DOWN (e) and STOP (b) simultaneously for 10 seconds. (Fig. 9). Other programming details are described in the following chapters 'PROGRAMMING' and 'READING OUT SERVICE DATA'.

5 Power Up situation



Version nbr. software
operating component

6 Power Up mode



Version nbr. software
circuitry component

7 Stand By mode



In Stand-alone mode (see function 1)

8 ON mode (+body cooler)



Rest time in minutes (last min. in sec.)

9



Programming

For optimal use of the SunVISION V some functions can be adjusted according to wish. The 'programming' is relatively simple but we recommend that considerable care is taken to ensure the correct functioning of the sun shower. The sun shower comes with a number of functions with standard factory settings which can be altered. It is advisable that you make up a list of your preferences before you start programming.

Configuration Main Menu

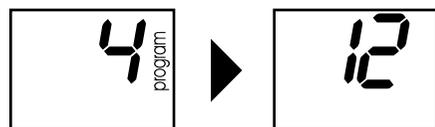
The main menu in the Configuration mode can be reached from the Stand By mode by holding down buttons 'b', 'd' and 'e' simultaneously for 10 seconds (see Fig. 1). The Configuration Main Menu allows you to program certain function settings (see 'Configuration Programming Menu') and also gives you the choice of taking an Hour Counter reading (see 'Configuration Counter Menu' in the chapter 'READING OUT SERVICE DATA'). The display will show 'Pr' or 'Cn' with the word 'program'.

'Cn' (counters) is the first visible option in the Configuration Main Menu. Pressing button 'e' (Fig. 1) will take you to 'Pr' (programming, Fig. 2). Your selection is confirmed by pressing the START-button (a) (Fig. 1).

Configuration Programming Menu

After you have confirmed your choice 'Pr' you are automatically taken to the first function (see 'ADJUSTABLE FUNCTIONS' below).

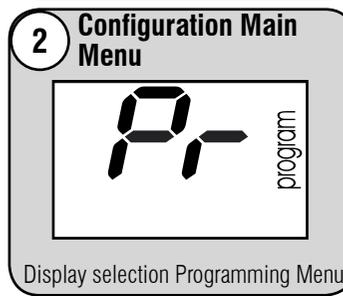
The display now flashes the number of the function and the setting for that function in turns (every second) (see the example for function 4 with the setting 12).



By pressing button 'd' or button 'e' (Fig. 1) you can increase or decrease the value of the functions setting.

When adjusting the value of the setting the display stops switching between the function itself and the setting and only displays the value of the setting. Press the START-button 'a' every time you wish to move on to the next function.

NB: If during 2 minutes no instructions have been entered, the Programming Menu is automatically exited without the data being saved.



Adjustable functions

Function 1 Operating mode

- 0 Stand-alone mode, no coin box ----- factory setting
- 1 Coin box with timer mode
- 2 Coin box with pulse output mode
- 3 Reception control mode

Function 2 Not Applicable

Function 3 Maximum tanning time

- 5 Maximum tanning time in minutes (lowest)
- 30 Maximum tanning time in minutes (highest) ----- factory setting

Function 4 Starting time

- 5 Starting time in Stand-alone mode, in minutes (lowest)
- 12 Starting time in Stand-alone mode, in minutes ----- factory setting
- 60 Starting time in Stand-alone mode, in minutes (highest)

Function 5 Follow-on time

- 6 Units of 30 seconds (lowest) ----- factory setting
- 10 Units of 30 seconds (highest)

Function 6 Coin time

- 1 Time per coin, pulse mode, in minutes (lowest)
- 5 Time per coin, pulse mode, in minutes ----- factory setting
- 60 Time per coin, pulse mode, in minutes (highest)

Function 7 Undressing time

- 0 Units of 30 seconds (lowest = off) ----- factory setting
- 9 Units of 30 seconds (highest)

Function 8 Not Applicable

Function 9 Low setting Body Cooler (0-9)

0 Off
 3 Low setting ----- factory setting
 9 Highest

Function 10 Middle setting Body Cooler (0-9)

0 Off
 5 Middle setting ----- factory setting
 9 Highest

Function 11 High setting Body Cooler (0-9)

0 Off
 9 High setting (highest) ----- factory setting

Function 12 Not Applicable**Function 13 Not Applicable****Function 14 Delay start of Cooling**

0 Units of 30 seconds (lowest = off) ----- factory setting
 3 Units of 30 seconds (highest)

Configuration Save Menu

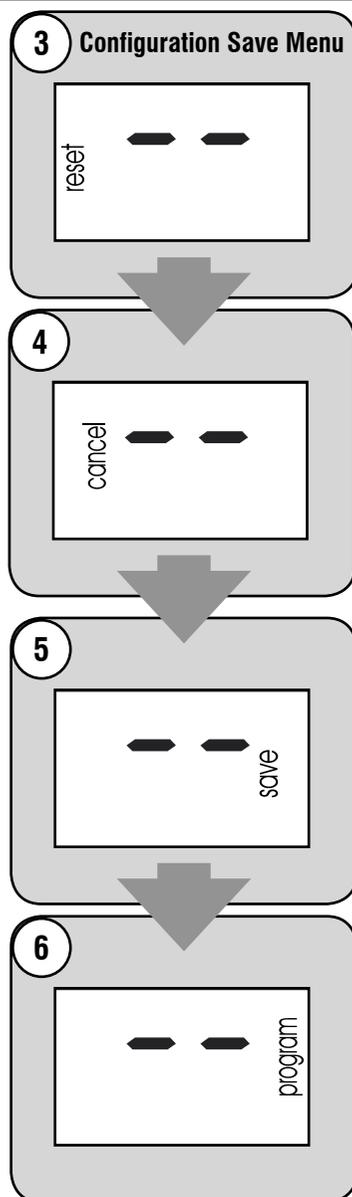
The last programming function is followed by the 'Configuration Save Menu'. The display now shows fig. 3-4-5-6 in following order.

The words 'reset', 'cancel', 'save' and 'program' are shown consecutively when button 'e' (scroll back) is pressed or when button 'd' (scroll forward) is pressed (Fig. 1 and 3-6).

Pressing START-button 'a' within two minutes will confirm your selection (Fig. 1). If no selection has been confirmed after two minutes, the Configuration Save Menu is exited without the changes being saved (compare with the 'cancel' selection).

reset

By selecting 'reset' all the settings (except for the counter settings) revert to



the factory settings and the Configuration Save Menu is exited.

cancel

Selecting 'cancel' results in the Configuration Save Menu being exited without any changes being applied. The sun shower will return to Stand By mode.

save

By selecting 'save' all the changes that were made will be saved and the Configuration Save Menu is exited.

program

By selecting 'program' you will return to the Configuration Main Menu without any data being saved.

Reading out Service Data

The SunVISION V facilitates the (studio) owner with the possibility to read out a variety of service data. By using the control panel you can enter the software into the Configuration Counter Menu via the Configuration Main Menu. The Configuration Counter Menu enables you to view details concerning the use of your SunVISION V.

Configuration Main Menu

The main menu in the Configuration mode can be reached from the Stand By mode by holding down buttons 'b', 'd' and 'e' simultaneously for 10 seconds (see Fig. 1). The Configuration Main Menu allows you to program certain function settings (see 'Configuration Programming Menu' in the chapter 'PROGRAMMING') and also gives you the choice of taking an Hour Counter reading (see 'Configuration Counter Menu'). The display will show 'Pr' or 'Cn' with the word 'program'.

'Cn' (counters) is the first option in the Configuration Main Menu. Pressing button 'e' will take you to 'Pr' (programming); pressing button 'd' will take you back to 'Cn' (counters, Fig. 2). Your selection is confirmed by pressing the START-button 'a' (Fig. 1).

Configuration Counter Menu

You have now arrived at the first readout function (see 'READOUT FUNCTIONS' below). Every time you press the start button 'a' will take you to the next function. After the fourth and last readout function you will arrive at the Configuration Save Menu (refer to this section).

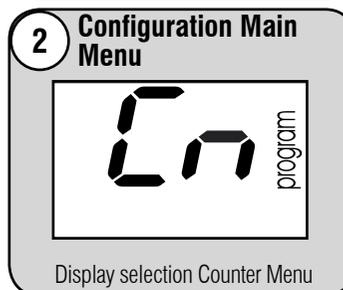
NB: If during 2 minutes no instructions have been entered, the Counter Menu is automatically exited and any changes that may have been made will not be saved.

Readout functions

The display can show two digits at once. Counter readings that contain more digits are displayed in groups of two digits, always at 1-second intervals.

Function 1 Operating hours

This counter records the total number of operating hours up to a maximum of 65,000 hours. This counter cannot be reset.

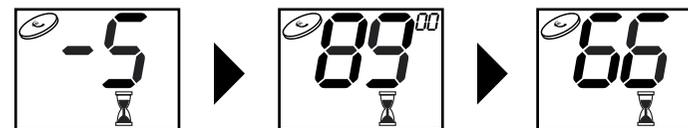


Taking a total of 59,624 operating hours as an example, the following figure groupings are displayed one after the other:



Function 2 Coin pulse counter

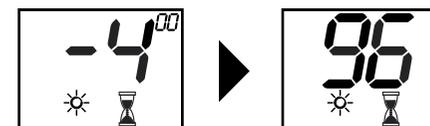
This counter records the number of coins inserted in the coin box (if connected) up to a maximum of 65,000. This counter can be reset (see 'Resetting the counters to zero'). Taking a total of 58,966 inserted coins as an example, the following figure groupings are displayed one after the other:



Function 3 Not applicable

Function 4 Number of body tube tanning hours

This counter records the total number of tanning hours of the tanning tubes up to a maximum of 65,000. This counter can be reset (see 'Resetting the counters to zero'). Resetting this counter after every lamp change is recommended because it can help determine when the next lamp change is due. Taking a total of 496 tanning hours as an example, the following figure groupings are displayed one after the other:



Resetting the counters to zero

In the case of functions 2 and 4 it is possible to reset the counters to zero. This can be done by holding down buttons 'd' and 'e' simultaneously for 2 seconds (Fig. 1).

Configuration Save Menu

The last programming function is followed by the 'Configuration Save Menu'. The display now shows fig. 3-4-5-6 in following order.

The words 'reset', 'cancel', 'save' and 'program' are shown consecutively when button 'e' (scroll back) is pressed or when button 'd' (scroll forward) is pressed (Fig. 1 and 3-6).

Pressing START-button 'a' within two minutes will confirm your selection (Fig. 1). If no selection has been confirmed after two minutes, the Configuration Save Menu is exited without the changes being saved (compare with the 'cancel' selection).

reset

By selecting 'reset' all the settings (except for the counter settings) revert to the factory settings and the Configuration Save Menu is exited.

cancel

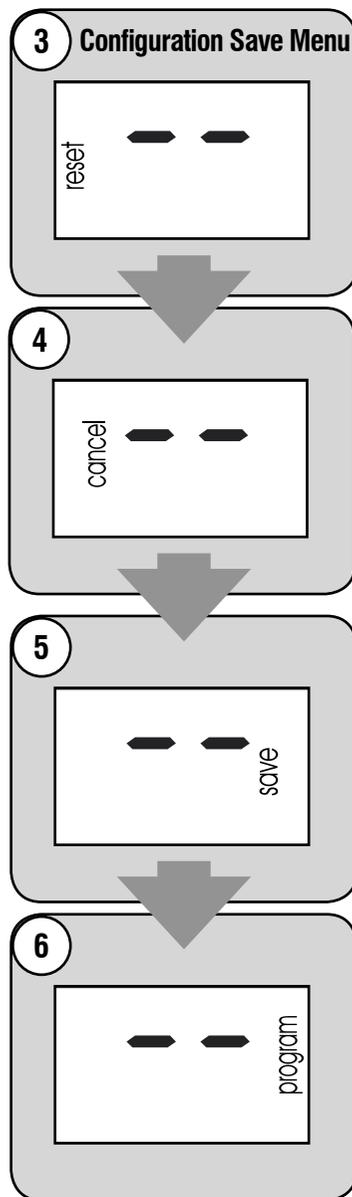
Selecting 'cancel' results in the Configuration Save Menu being exited without any changes being applied. The sun shower will return to Stand By mode.

save

By selecting 'save' all the changes that were made will be saved and the Configuration Save Menu is exited.

program

By selecting 'program' you will return to the Configuration Main Menu without any data being saved.



Maintenance

IMPORTANT:

Always disconnect the power supply from the SunVISION V before performing maintenance or servicing.

Cleaning

The floor and the handles of the SunVISION V should be cleaned after every use with an appropriate cleaning agent.

Clean the acrylic sheets after each use with an appropriate, non-abrasive cleaning agent. Choose a cleaning agent that does not contain ammonia or alcohol. These substances will cause hairline cracks in the acrylic sheet. Wipe the acrylic sheets with tissue or a soft, clean cloth

For optimal results, and to guarantee a long and trouble-free lifetime, we recommend that you clean the sunbed regularly, according to the following procedure:

1. Clean both sides of the acrylic sheets. Further down in this chapter we describe how you can remove the acrylic sheets from the SunVISION V (see fig.1 t/m 3).
2. Turn the tubes through 90° and remove them from the tube holders (fig.4). Clean the entire length of the tubes with a damp cloth.
3. Use a vacuum cleaner to clean dirty areas in the SunVISION V.
4. Twist the clean tubes in the tube holders. To replace the tubes push the contact pegs of the tube as far into the tube bases as possible, then turn the tube through 90°.

ATTENTION:

- Avoid touching the tube with your fingers. Fingerprints will burn into the surface of the glass.
- Reflector tubes should be placed so that the label is visible at the bottom-end of the SunVISION V.

5. Replace the acrylic sheets and check that they are secured.
6. Clean the ventilators with a clean, dry cloth or a brush and a vacuum cleaner.
7. Clean the Cool Breeze Unit with a clean, dry cloth or a brush and a vacuum cleaner.

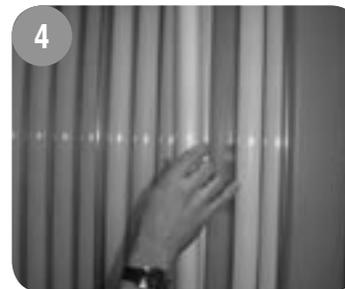
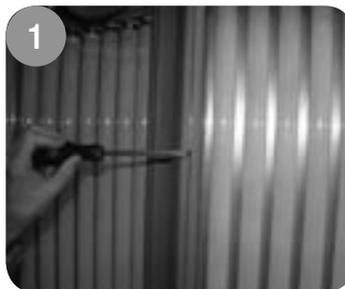
NB: Please, also look into chapter 'ENVIRONMENT' in the 'TECHNICAL DATA' section.

Removal of the acrylic sheet

Before removing the acrylic sheet in the hinged panel, first remove the door handle.

Use a large flat-bladed screwdriver, to grab the edge of the small plastic profile just between the two plastic profiles.

Carefully lift the small plastic profile which will now come free from the aluminium profile. Perform the same operation at the other side of the acrylic sheet.



The acrylic sheet can now be pushed sideways out of the panel. The acrylic sheet may have to be lifted carefully with a screwdriver before it comes free from the aluminium profile.

Removal of the body tubes.

IMPORTANT:

The acrylic sheets should only be removed once the SunVISION V has reached room temperature. If the sheet is too cold, it may crack.

IMPORTANT:

Replace lamps only with ones of the same type. Other lamp types may have other UV-Power. This requires other exposure times, if legally permitted at all (in some countries strictly forbidden).

Fitting the acrylic sheet

Perform the following operations to fit the acrylic sheets in the panels:

- Push the acrylic sheet between the two head ends sideways into the panel with your palm.
- Click the plastic profiles back into place.

Tubes

The tubes fitted to your SUNVISION V COMPACT XL give an effective lifetime of 500 hours and the tubes fitted to your SUNVISION V200 XXL give an effective lifetime of 800 hours. The tubes may function for longer but the 'UV output' is reduced to the degree that tanning is noticeably reduced after this period.

If you are not sure whether the tubes have sufficient 'UV output' you can have the tubes measured and replaced if necessary. Contact your distributor.

Service

All electrical components have been placed in the shaft and can be reached by opening the shaft at the inside of the SUNVISION V.

Only use original Alisun parts for replacements or repairs. Other parts could influence the UV output. Repairs should be carried out by qualified personnel only. Contact your dealer for more information.

Look for original replacement parts in chapter 'PARTS LIST' in the 'TECHNICAL DATA' section.

IMPORTANT:

Bear in mind that new lamps in the first 50 hours of use emit around 20% more 'UV output'.

During this period you should reduce the tanning time by around 20%.

IMPORTANT:

If replacement components are required, e.g. ballast units, reflectors, a control panel, etc. it is important to use only original parts.

If this is not done the UV capacity may be affected.

The replacement of parts should ideally be carried out by a qualified service technician.

For further information we recommend that you contact your distributor.

IMPORTANT:

The maximum air humidity of the atmosphere should not exceed 80%.
The cabin temperature should not exceed 28°C.
We recommend an average ambient temperature of 23°C.

Preparation

The SunVISION V is an advanced sun shower, which can provide years of trouble-free use. But first of all we would like to bring a number of points to your attention.

Foundation

It is important for the correct functioning of the SunVISION V that the floor on which it stands is level and can bear the weight of the SunVISION V. We recommend that the floor is made of a hard material such as parquet, laminate, linoleum or a synthetic cast floor. When choosing the floor covering, bear in mind that you will need to be able to clean the floor thoroughly on a regular basis.

Cabin dimensions

The recommended minimum cabin dimensions for positioning the SunVISION V are 2.00 x 2.25 m (LxW). If a changing booth is placed together with the SunVISION V, a minimum surface of 1,50 x 2,25 m (LxB) is required. The recommended distance between floor and ceiling should be at least 270 cm (260 cm for the SunVISION COMPACT XL). A drawing with dimensions can be found at the end of this chapter.

Air extraction system

The SunVISION V has no central air exhaust system. Please pay attention to the ventilation openings, they may not be blocked in any way whatsoever.

Air supply

The air from the surrounding area is used to cool the tubes of the SunVISION V. The body cooling also uses the air from the surrounding area. Because the SunVISION V has no external air supply connection, it is important that there is a sufficient supply of air.

Power supply

Before the SunVISION V can be put in place, a suitable power supply must be present in the cabin. The SunVISION V requires a power supply of 230/400V 3N~50Hz.

Reception control system and coin box

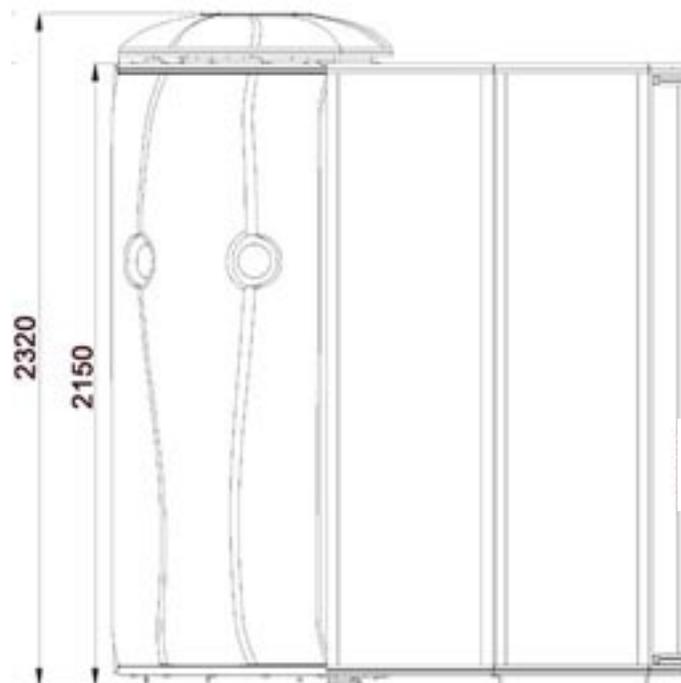
If a reception control system or a coin box is required the necessary wiring must be present before the SunVISION V is put in place. Connection information can be found in the chapter entitled 'RECEPTION CONTROL SYSTEM AND COIN BOX' in the 'TECHNICAL DATA' section.

Failure to follow these instructions correctly will delay installation and may lead to the equipment being damaged during use.

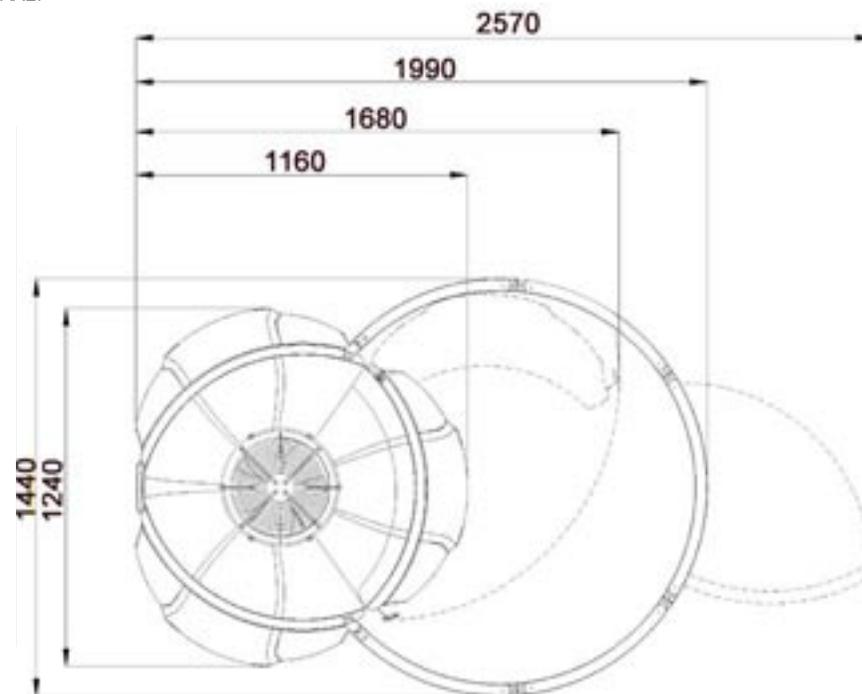
Technical specifications

SunVision	V Compact XL	V200 XXL
Connection value	230/400V 3N~50 Hz	
Minimum fuse (slow)	3 x 16 A	3 x 25 A
Power *)	4.5 kW	9.8 kW
Max. dimensions (LxWxD)	2030 x 1240 x 1160 mm	2320 x 1240 x 1160 mm
Max. dimensions (LxWxD) *)	2030 x 1440 x 1990 mm	2320 x 1440 x 1990 mm
Weight (with Cool Breeze Unit)	202 kg	285 (302) kg
*) including changing booth		

Dimensions



For the SunVision V Compact XL the height without Cool Breeze Unit is 2030mm. The height including Cool Breeze Unit is 2200mm. All other dimensions are equal to the SunVision V200 XXL.



Installing instructions

Packaging and positioning

The SunVISION V is packed in five cardboard boxes.

The three panels are wrapped in plastic and separately packed in boxes.

The fourth box contains the shaft. The floor frame, de floor plate and the fastenings are packed in the fifth box.

With the SunVISION V200 XXL, the Cool Breeze Unit is also packed in a separate box (makes a total of 6 boxes).

Positioning

Your SunVISION V sun shower has undergone high voltage, earth resistance and functionality tests in the factory. Nevertheless, it is possible that your SunVISION V does not appear to work properly or work at all. In this event, first read the chapter on 'TROUBLESHOOTING' which you will find in the 'TECHNICAL DATA' section.

In order to quickly find solutions to faults in your specific SunVISION V it is a good idea to have the serial numbers to hand. The serial numbers can be found on a sticker on the side of the cardboard boxes containing the panels and the shaft. It is a good idea to note the serial numbers on the first page of this manual.

Environment

For successful, safe and hygienic tanning we have described what is required of the environment in the chapter 'PREPARATIONS'.

The SunVISION V is delivered in separate parts and must be assembled where it is going to be used. Make sure that you allow enough room to lay out the separate components to make assembly easier.

Unpacking and checking

Please check immediately at delivery if the SunVISION V has been delivered to you complete and undamaged. If necessary, open the boxes and check the contents for visible damage. Inform the transport company immediately of any visible damage.

Fixing items and accessories

Take the blister pack out of the fitht box containing the parts.
Check its contents using the following details.

Each part is listed separately along with:

- a reference number (this is used in the assembly instructions to indicate the required part);
- a picture of the part (for easy identification);
- the part number (useful if you need to talk to your distributor);
- the number supplied; and
- a description of the part.

We advise you should at least have the following tools available before you commence assembly:

- an open end spanner 13 mm (step 2 and beyond);
- a hex key 6 mm (step 5 and beyond);
- a wire stripper (step 23 and beyond);
- a flat screwdriver (step 23 and beyond);
- an (electric) crosshead screwdriver (step 24 and beyond).

1



336112	5 x
spacer	

2



337250	7 x
feet	

3



337664	2 x
nylon slide bearing	

4



337900	2 x
UV-goggles	

5



370039	6 x
self-drilling screw 3.5x25	

6



370130	12 x
tapping screw 4.8x13	

7



370324	5 x
bolt M8x30	

8



370520	4 x
socket-head bolt M8x12	

9



370521	16 x
socket-head bolt M8x16	

10



370523	4 x
socket-head bolt M8x25	

11



370644	13 x
washer M8	

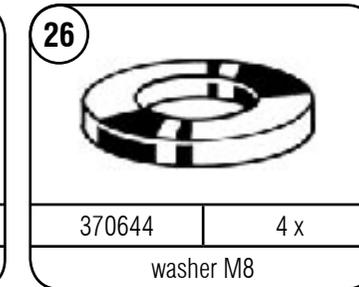
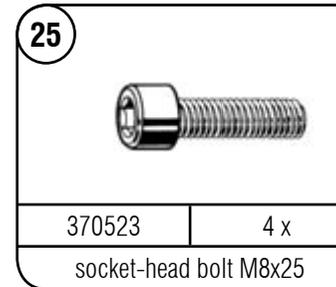
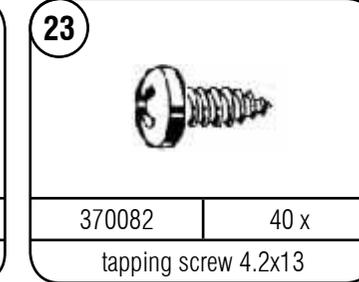
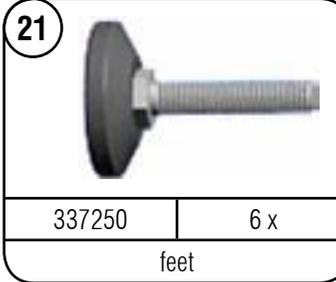
12



370715	16 x
panel washer M8x24x2	

Assembly parts Changing Booth

When the appliance comes with a changing booth, you receive the assembly parts shown on this page.



Assembly instructions

English

SunVision V series

The SUNVISION V-SERIES can either be assembled horizontally or vertically. Both assembly variants are discussed in this chapter. If sufficient space is available, horizontal assembly is preferable. If space is limited the SUNVISION V can also be installed vertically (See paragraph "VERTICAL ASSEMBLY"). This requires a minimum of three persons.

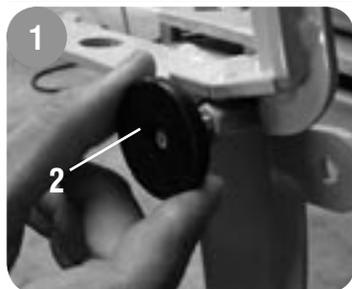
We advise you to read through the entire chapter before beginning with the assembly.

The panels of the SunVision V are heavy, take this into account when lifting. Lift the panels from the box in the correct manner: Ask for assistance if necessary.

Remove the floor frame from the box. Screw the seven feet (2) as far into the floor frame as they will go.

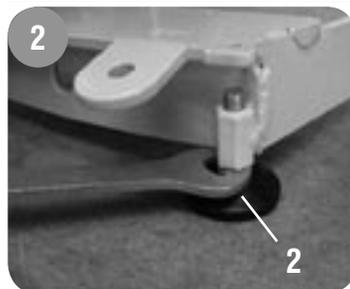
Position the floor frame where the unit is to stand and make the frame level.

HORIZONTAL ASSEMBLY



Using an open-end spanner, turn the feet slightly in order to level the frame.

HORIZONTAL ASSEMBLY



Open a panel box. Open the lid of the panel box and place the box on the ground.

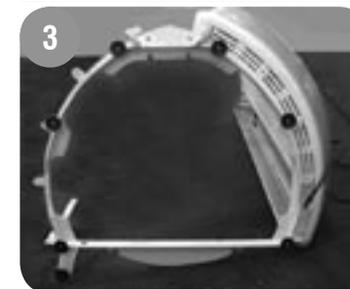
Lift the panel from the box and place the panel – with the tubes downwards – onto the box to prevent damage.

Place the second panel on the box next to the first panel.

Ensure that both panels are the same way around (with the underside of one panel next to the underside of the other panel).

Turn the right-hand panel 90° to the right (viewed from below) and push the floor frame with the steel brackets in the grooves in the bottom head end of the panel.

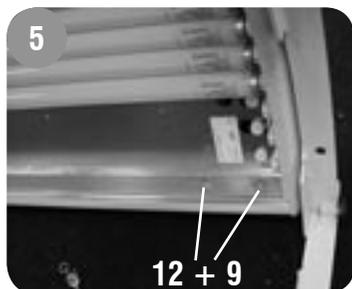
HORIZONTAL ASSEMBLY



HORIZONTAL ASSEMBLY

Ensure that the bottom head end of the panel butts up to the floor frame properly.

Now remove the acrylic sheets and the three outmost tubes on both sides (see the chapter 'MAINTENANCE' in the part 'USER'S INSTRUCTIONS' for more information).



HORIZONTAL ASSEMBLY

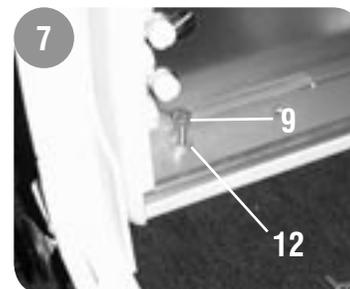
Affix the floor frame onto the panel, using 4x panel washer M8x24x2 (12) en 4x socket-head screw M8x16 (9).



HORIZONTAL ASSEMBLY

Turn the left-hand panel 90° to the left. Position the styrofoam sheets from the box so that they hold the left-hand panel up. Push the panel with the grooves in the bottom head end over the steel brackets on the floor frame.

Now remove the acrylic sheets and the three outmost tubes on both sides.



HORIZONTAL ASSEMBLY

Ensure that the bottom head end of the panel butts up to the floor frame properly.

Affix the floor frame onto the panel, using 4x panel washer M8x24x2 (12) en 4x socket-head screw M8x16 (9).



HORIZONTAL ASSEMBLY

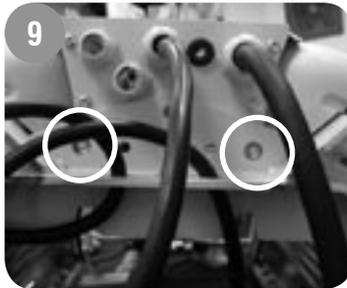
Push the shaft between the two panels in the direction of the floor frame (sticker direction floor frame).

Ensure that the shaft butts up to the floor frame properly.

The head of the screws on the bottom end of the shaft should be visible through the holes in the floor frame.

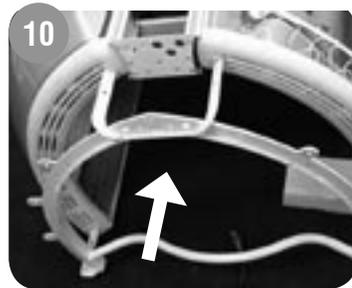
Pass the panel cables through the holes in the floor frame provided for this purpose and then pass the cables to the shaft. Ensure that the cables are not bent or trapped.

HORIZONTAL ASSEMBLY



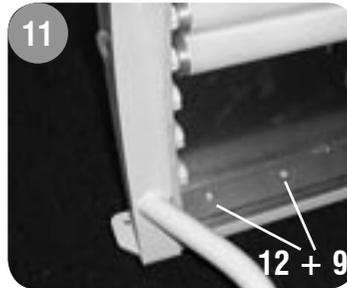
Push the upper frame with the steel brackets into the grooves in the top of the panels.

HORIZONTAL ASSEMBLY



Affix the upper frame onto the panels, using 4x panel washer M8x24x2 (12) en 4x socket-head screw M8x16 (9).

HORIZONTAL ASSEMBLY



Carefully stand the SunVISION V upright.

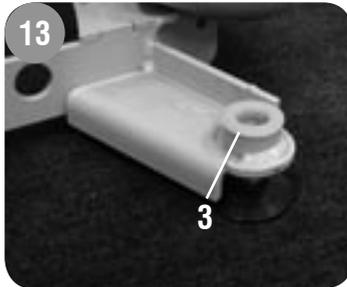
HORIZONTAL ASSEMBLY



If you are assembling horizontally, please continue with step nbr. 13.

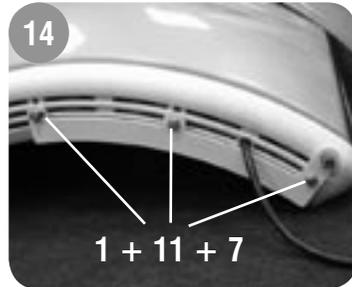
In case you have to assemble vertically, please start with step nbr. 1 in the paragraph 'VERTICAL ASSEMBLY' of this chapter and then continue with step nbr. 13.

From this point on the instructions are the same for both horizontal and vertical assembly.



Press the nylon slide bearing (3) into the hinge point of the floor frame.

Press the second nylon slide (3) bearing into the hinge point of the upper frame (from above).

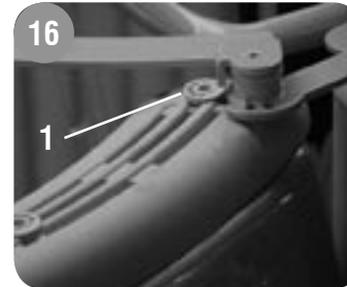


Take the third panel from the box and affix the hinge bracket onto the underside of the third panel. Use 3x spacer (1), 3x washer M8 (11) en 3x bolt M8x30 (7) for this.

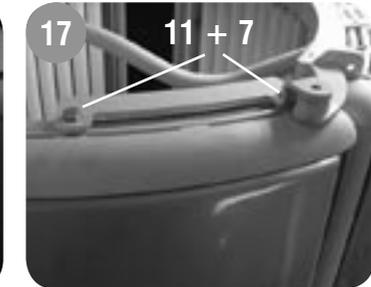


Lift the door panel into the lowest hinge point.

CAUTION: The panel is heavy; avoid damage.



Push the door panel into position and place the upper hinge bracket into the nylon slide bearing (see step 13). Position the spacers (1) for the head end.



Affix the upper hinge bracket onto the door panel using 2x washer M8 (11) en 2x bolt M8x30 (7).

Close the door. When the panels are properly adjusted, the top of the door panel is level with the top of the fixed panel. If not, loosen the socket-head screws in the panels, hold the door in the correct position and affix the socket-head screws again.

Now fit the tubes and the acrylic sheets back into the panels (see the chapter 'MAINTENANCE' in the part 'INSTRUCTIONS FOR USE' for more information).

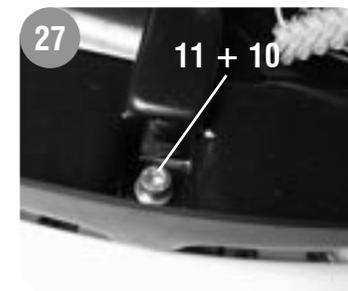
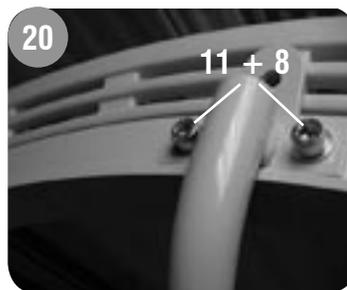
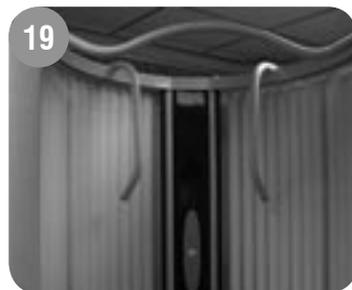
Place both handles on top of the panels.

Affix the handles onto the upper frame using 4x washer M8 (11) and 4x socket-head screw M8x12 (8).

Pass the panel cable through the hole in the floor frame provided for this purpose. Do not pull the cable too tight, but leave sufficient space so that the door can be opened and closed.

Pass the panel cables through the swivels in the shaft. Tighten the swivels finger-tight

On the inside, remove the blue strips on the sides of the shaft by carefully loosening them with a flat-bladed screwdriver. Remove the cover plate from the shaft.



Cut the panel cables to the correct length, strip the wires and affix the wires into the shaft in accordance with the instructions.

If no Cool Breeze Unit is to be installed in the unit you can now replace the shaft cover plate.

Affix the 4 floor plate brackets to the bottom of the floor plate using 12x tapping screw 4.8x13 (6).

See the illustration for the correct position of the floor plate brackets.

Turn the floor plate around and push this into the SunVISION V.

OPTION: COOL BREEZE

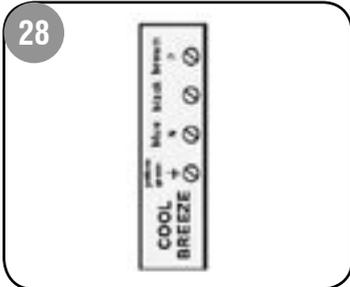
If a Cool Breeze Unit is supplied with the unit, this can now be fitted. Remove the six socket-head screws and remove the cap from the Cool Breeze Unit.

OPTION: COOL BREEZE

Place the Cool Breeze Unit on top of the unit and affix it to the upper frame using 4x washer M8 (11) and 4x socket-head screw M8x25 (10).

Pass the cable of the Cool Breeze Unit through a hole in the top of the shaft and then downwards along the ventilators. Connect the wires in the shaft in accordance with the instructions. Do the same with the speaker cables.

OPTION: COOL BREEZE



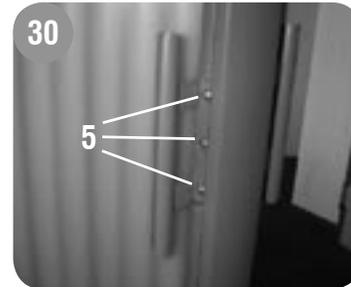
Now put the cap back on the Cool Breeze Unit and affix it with the six socket-head screws.

When everything is connected you can replace the shaft cover plate.

OPTION: COOL BREEZE



Determine the correct position for the handles and mark this off on the blue strips. Remove the strips, cut them to length with a pair of scissors or metal saw and replace them in the profiles. Now affix the handles to the inside and outside with an (electric) screwdriver using 6x self-drilling screws 3.5x25 (5).

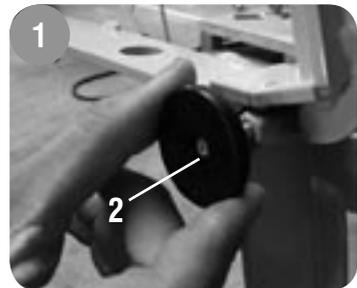


Attach the supplied name sticker to the side of the door, on the side where you open this. For the **200 XXL** you attach a second sticker on the door and another two on the opposing panel. Remove all adhesive film from the SunVISION V.



You can now connect the sun shower power supply.

The SunVISION V is now ready for programming (See chapter 'PROGRAMMING' in part 'USER'S INSTRUCTIONS').



VERTICAL ASSEMBLY

Vertical Assembly

Remove the floor frame from the box. Screw the seven feet (2) as far into the floor frame as they will go.

Position the floor frame where the unit is to stand and make the frame level.



VERTICAL ASSEMBLY

Using an open-end spanner, turn the feet slightly in order to level the frame.

Open a panel box and remove the acrylic sheets and the three outmost tubes on both sides (see the chapter 'MAINTENANCE' in the part 'USER'S INSTRUCTIONS' for more information).



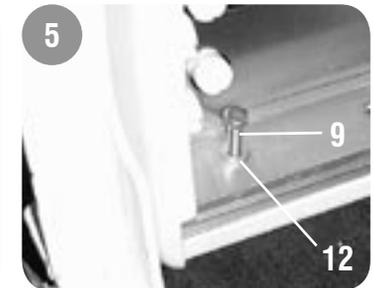
VERTICAL ASSEMBLY

Lift the first panel from the box and carefully place it with the grooves in the bottom head end over the steel brackets on the floor frame.



VERTICAL ASSEMBLY

Ensure that the bottom head end of the panel butts up to the floor frame properly.



VERTICAL ASSEMBLY

Affix the floor frame onto the panel, using 4x panel washer M8x24x2 (12) en 4x socket-head screw M8x16 (9).

CAUTION: the unit is not yet stable, ask someone to hold the panel.

Installing instructions

Perform the same operations with the second panel.

CAUTION: the unit is not yet stable, ask someone to hold both panels in place.

Hold the two panels slightly apart and place the shaft between the two panels (see illustration). With the sticker in the direction of the floor frame.

Ensure that the shaft butts up to the floor frame properly. The head of the screws on the bottom end of the shaft should be visible through the holes in the floor frame.

CAUTION: the unit is not yet stable, ask someone to hold both panels and ensure that the shaft remains in place.

Push the upper frame with the steel brackets into the grooves in the top of the panels.

Affix the upper frame onto the panels, using 4x panel washer M8x24x2 (12) en 4x socket-head screw M8x16 (9). The SunVISION V is now stable.

Pass the panel cables through the holes in the floor frame provided for this purpose and then pass the cables to the shaft. Ensure that the cables are not bent or trapped.

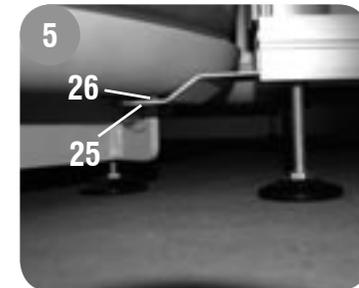
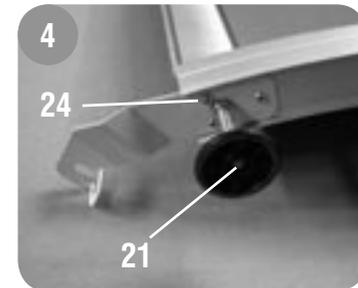
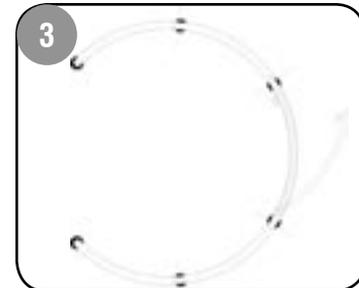
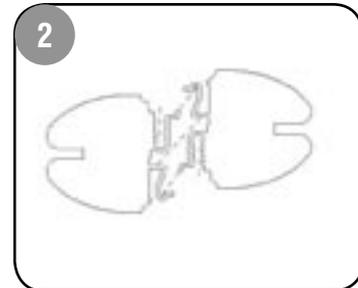
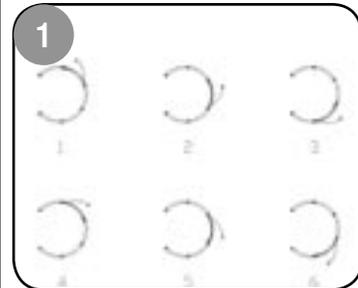
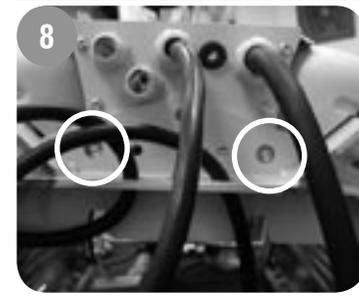
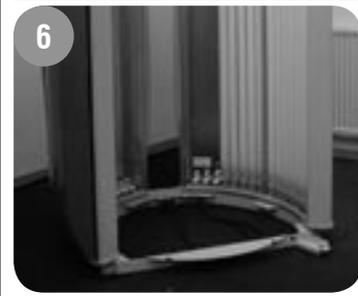
From this point on the instructions are the same for both horizontal and vertical assembly. Please continue with step nbr. 13 of the previous paragraph.

VERTICAL ASSEMBLY

VERTICAL ASSEMBLY

VERTICAL ASSEMBLY

VERTICAL ASSEMBLY



Assembly of the Changing Booth

The changing booth for the SunVision V series consists of 4 side panels and 1 door panel. The door panel can be placed in 3 different positions (see picture). The door itself can be opened to the right or to the left.

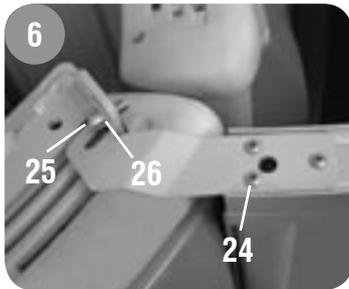
All panels are connected using profiles with tongue and groove (see picture). The position of the door panel therefore determines how you should start with the first panel.

In these instructions we have chosen to work from left to right, placing the door in the middle (see picture). Take the first panel out of the box.

Fix the fastening bracket to the bottom of the panel (left side) with 3 self-drilling screws 4.2x13 (24) and screw the feet (21) into the bottom of the panel on the left side.

Place the panel into position and fasten it to the SunVISION V-SERIES by securing the bracket to the bottom panel of the SunVISION V-SERIES with the socket-head screw M8x25 (25) and a washer M8 (26).

Now fix a fastening bracket to the top of the panel with 3 self-drilling screws 4.2x13 (24) and secure this bracket to the top of the V series with a socket-head screw M8x25 (25) and a washer M8 (26).



For a steady position of the panel, turn the feet (21) slightly (using an open-end spanner).



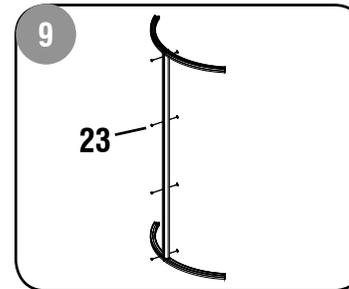
Take the next panel out of the box, screw two feet (21) into the bottom of the panel and place this panel next to the other.



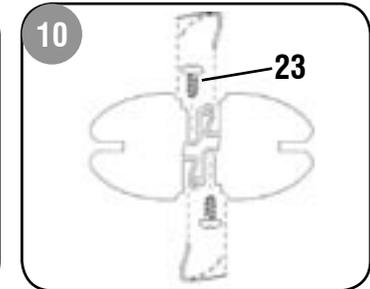
Turn the feet (21) slightly (using an open-end spanner) to level the top of the two panels.

The two panels can be connected by 'clicking' the profiles together.

Secure the panels by screwing 8 tapping screws 4.2x13 (23) into the profiles (4 on the outside, 4 on the inside).

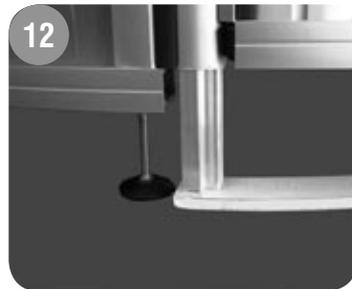


Attention: there are two grooves in the profile, the screws should be placed in the ribbed one.



Now take the door panel and place this panel next to the other as described before.

The direction in which the door opens can be altered if desired. Instructions for this are provided at the end of this chapter.



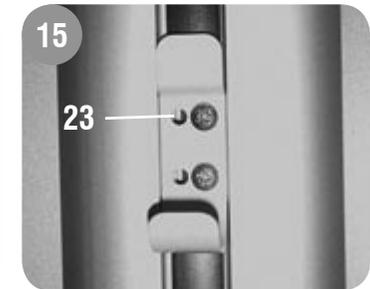
Make sure that the tops of both panels are level with each other. The stays with the doorstep can be pulled out or pushed in slightly to bring the door panel to the correct height.



Take the next panel out of the box, screw two feet (21) into the bottom of the panel and place this panel next to the door panel.



Now take the last panel out of the box and fix the fastening bracket and the feet (21) to the bottom of the panel on the right side. Connect the panels as described before and then secure this last panel to the right side of the V-series. For a steady position of the changing booth you can now adjust the feet if necessary.



The door handles can now be attached to the inside and outside with an electric screwdriver using 6x self-drilling screws 3.5x25 (22). Also attach the clothing hooks with the tapping screws 4.2x13 (23).

Place the plastic strips on the inside and the outside of the changing booth by firmly pushing them into the profiles.

Tip: to place the strips correctly, bend the first few centimetres outwards slightly before pushing it into the profile. The rest of the strip will then follow.

Cut the strips to length if necessary.

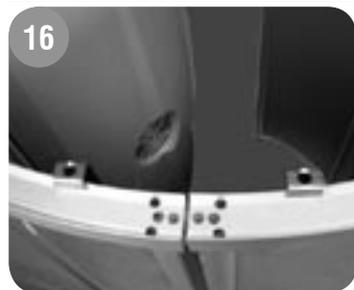
The changing booth is now ready to be used.

If the appliance came with the optional accessory set containing mirror, shelf and place for a coin box, it can now be installed.

Take the set out of the box. Loosen the 4 screws and first remove the mirror and the shelf. The coin box can now be fixed at the bottom to the bracket using four nuts and bolts.

Suspend the entire unit from the upper edge of the changing booth by the two brackets.

OPTION: ACCESSORY SET



Cut the plastic strip that was supplied to size.

Next secure the middle bracket into the grooved channel with a plate screw 4.2x13 (23).

OPTION: ACCESSORY SET



At this point the wires of the coin box can be eased through to the shaft and can be connected following the instructions in the shaft.

The mirror and the shelf can now be fixed back onto the bracket and secured in place with the four accompanying screws.

The accessory set is now fully mounted.

OPTION: ACCESSORY SET



If an optional roof for the changing booth was supplied with the appliance, this can now be fixed in place.

Take the roof out of the box.

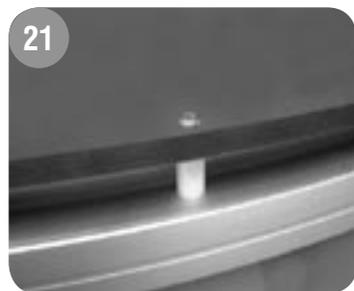
OPTION: ROOF



OPTION: ROOF

Place the roof carefully on top of the changing booth.

Lift the roof up slightly and place the plastic spacers between the roof and the top profile of the changing booth. Make sure that the spacers are accurately lined up with the small holes in the roof.



OPTION: ROOF

Using an electric screwdriver fasten the 4 self-drilling screws 3.5x50 right through the roof and the spacers into the aluminium top profile.

Lastly feed the wires for the lighting and the speakers to the shaft and connect them there.

The wires can also be connected in the Cool Breeze Unit, if present. The wires should be connected to the wires already in the relevant connectors.



OPENING DIRECTION DOOR

The direction in which the door opens can be altered if desired.

Carefully lay the door panel on the ground.

Slide the two stays with the doorstep out of the profiles.



OPENING DIRECTION DOOR

Next unscrew the three screws holding the hinge plate and remove it.

Now carefully take the door out of the panel, turn the door round and place it against the other side with the hinge point lined up with the top of the top profile.



OPENING DIRECTION DOOR

Take the plastic bush out of the hinge plate, turn the plate round the other way and press the bush back into the other side.

Attach the plate to the other side of the profile with the three screws, taking care that the hinge point of the door is seated properly in the plastic bush. Slide the doorstep with the two stays back into the profiles and position the door panel as previously described.

Reception control system and Coin box

A coinbox – connected to the control print of the SunVISION V – controls the software of the SunVISION V. A separate power supply must be provided for the coinbox. An Alisun reception control system does draw its power supply from the SunVISION V.

The correct functioning of the coinbox in combination with the Alisun sun shower requires a potential free (= voltage free) contact with the coinbox. Alisun has developed a coinbox interface so that coinboxes that have no potential free contact can be used. For more information please contact your dealer.

If a reception control system or coinbox is installed, you select the required operating mode during programming. There are four options for the operating mode:

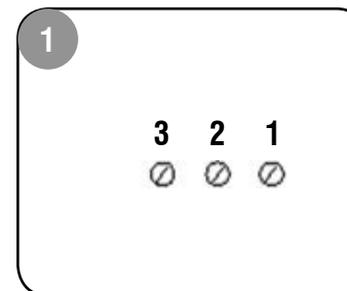
- 0 = stand alone (the manufacturer's setting)
- 1 = coinbox – with timer mode
- 2 = coinbox – with pulse outlet
- 3 = reception control system

The 'PROGRAMMING' chapter describes the programming of the SunVISION V for these options and operation is described in the chapter entitled 'OPERATION', both in the 'INSTRUCTIONS FOR USE' section.

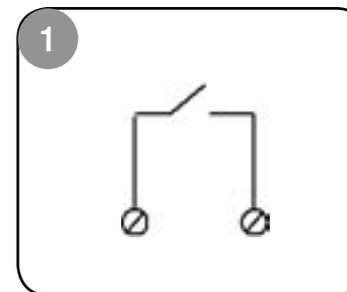
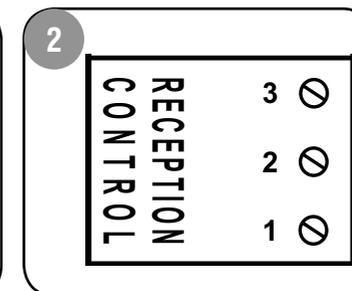
Always disconnect the power from the SunVISION V before performing maintenance or servicing on the sunbed.

Connecting the reception control system

In the box for the reception control system you will see 3 poles numbered from left to right 3, 2 and 1.



Connect the cables so that number 1 on the reception control system is connected to number 1 on the printed circuit board of the SunVISION V. Similarly, connect the other terminals with the corresponding number, i.e. 2 with 2 and 3 with 3.



Connecting the coin box

You will see this diagram in the coinbox cabinet. Connect the cables so that the left-hand terminal is connected to the left-hand terminal on the printed circuit board of the SunVISION V. The terminals on the printed circuit

board are marked with the word 'coinbox' (see sticker). Connect the other terminals together.

Troubleshooting

The SunVISION V 'does nothing'

- Check whether the SunVISION V is plugged in.
- Check whether the SunVISION V is correctly programmed. See the chapter 'PROGRAMMING' in the 'INSTRUCTIONS FOR USE' section.
- Check the mains supply; if necessary replace the group fuse.

The SunVISION V still does not work

- The SunVISION V may be connected to a group to which several items of equipment are already connected. If in any doubt contact your distributor or the electricity company.
- The control panel needs replacing. Contact your distributor.

One tube does not come on

- Replace the tube that does not work with one that does.
- If this tube does not work, replace the starter.
- If this tube does work, replace the previous tube.
- If the tube still does not work, it is likely that the ballast has to be replaced. Contact your distributor.

The tubes flash on and off

- The voltage is too low. Consult your electricity company.
- The environmental temperature is too low. Warm the environment (temporarily).

The SunVISION V gets too hot

- Check whether the ventilators turn (and check if they turn in the right direction) when the SunVISION V is switched on. Contact your distributor if this is not the case.
- The environmental temperature is too high. Ventilate the area.

Error messages and solutions

When the appliance is in stand-by mode you will normally see 00 on the display.



display SV V



display reception

If a fault has developed the display shows the letters 'Er' (error), alternating with an error code. The error codes that may appear are described below.

If the symbol 'Cooling during follow-on time' is visible, there is still communication with the PCB. If this symbol is not visible, communication has ceased.



display SV V



display reception

Error code 1 Safety switch when PCB is open

Not applicable.

Error code 2 Sticky relay

It is impossible to determine which relay is 'sticky'. Remove the voltage and then reconnect. If the error message returns, contact your distributor to have the switching PCB replaced.

Error code 3 Maximum time of the switching PCB exceeded

This (highly unlikely) situation can occur if the clock of the control PCB has become slow or that of the switching PCP too fast. Contact your distributor to have the switching PCB replaced.

Error code 4 Communication drop-out with switching relay PCB

Restore the connection with the switching PCB; check whether the cord has developed defects and whether the connectors are properly connected.

Error code 5 Communication drop-out of reception control system

Restore the connection with the reception control system; check whether the cord has developed defects and whether the connectors are properly connected.

Error code 6 Phase error

Disconnect voltage and reconnect.

Parts List

The following parts for the SunVISION V-series can be ordered from your distributor:

Description	Article number
SunVISION XTR 200s 120W	350446
Cosmolux VHR 4 180/200W 200 cm	350186
Goldsun XT190 S 120W	350666
Ballast 100W, 230V-50Hz	352006
Ballast 200W, 230V-50Hz CosmoPower S 200	352010
Backsheet panel SunVISION V Compact S 200	341462
Backsheet panel SunVISION V200 XXL	341450
Main print SunVISION SP5	356225
Control unit SunVISION V BP4	356204
Cable SunVISION V SERIES BP4-SP5, l=620 mm	359813
Coin box	355134
Coins	355132

Environment

Some cleaning products are not suitable for cleaning your sunbed. For example: Cleaning agents containing ammonia or alcohol will attack the surface of your sunbed, which will accelerate the ageing process.

Other cleaning products may react with the UV light from the sunbed. We recommend that you make sure you are well informed about the products that you use for cleaning your sunbed.

Old UV tubes are chemical waste and should be handed in at institutions that treat chemical waste according to the laws of your country.

If you wish to replace any tanning equipment please contact your distributor for the correct disposal procedure.

Guarantee conditions

- The guarantee period begins on the date of purchase and ends 12 months after this date. The guarantee is non-transferrable and is therefore only valid for the first purchaser.
- Work under the guarantee will only be carried out upon presentation of the invoice for the SunVISION V.
- Components that are subject to the normal wear process such as tubes, starters and acrylic sheets, are not covered by the guarantee.
- The guarantee is invalidated if modifications are made to the SunVISION V without the express written permission of the manufacturer. This is true regardless of whether these modifications can be shown to be directly associated with the defect.
- Malfunctions that are the result of installation errors and/or incorrect usage are not covered by the guarantee. We therefore strongly recommend that you read carefully and follow the regulations regarding assembly, installation and use.
- When reporting a fault under guarantee you should quote the serial number and the model.
- The guarantee only covers the replacement of defective components. Normal wear excepted. Travelling and labour costs are not covered by the guarantee.

Declaration of Conformity

Declaration of EC Conformity

According to the appropriate directives

73/23/EEC and 93/68/EEC (European Low Voltage Directive)
and
89/336/EEC (EMC-Directive)

we,

Alisun Europe BV

Celsiustraat 33
1704 RX Heerhugowaard
the Netherlands

herewith confirm that the sunbeds in the

SunVision V series

are in compliance with the standards named below.

EN 60335-1: 1994 + A11 + A1 + A12 + A16,

EN 60335-2-27: 2003,

EN 61000-6-3:2001,

EN 61000-3-2:1995 + A1:1998 + A2:1998

EN 61000-3-3:1995

EN 61000-6-1:2001

EN 61000-6-2:2001

This declaration is based upon approval certificate nbr.KY 2011378 by TÜV-Rheinland and the EMV-certificate nbr. 01C00081CRT01 by DARE.