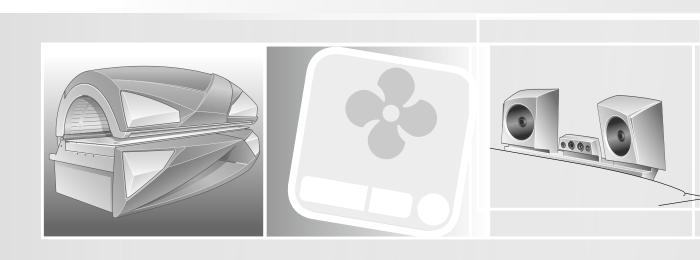
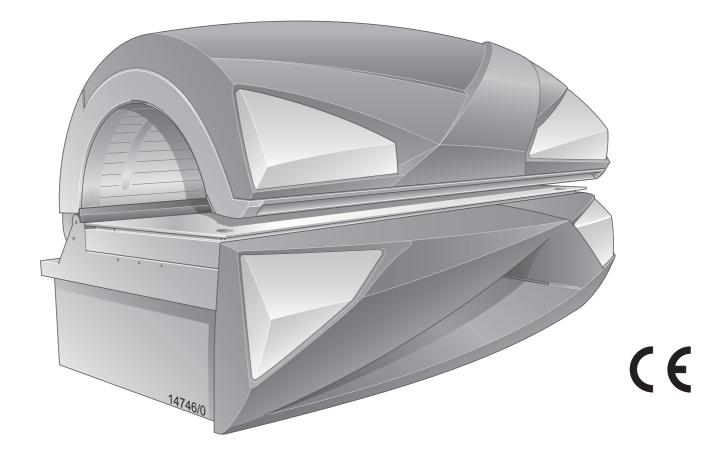
# INSPIRATION SERIES 500 / 600

# OPERATING INSTRUCTIONS



Ergoline



# Operating instructions Ergoline INSPIRATION Series

INSPIRATION 500 SMART PERFORMANCE<sup>1)</sup>
INSPIRATION 600 SMART PERFORMANCE<sup>2)</sup>
INSPIRATION 600 DYNAMIC PERFORMANCE

1020632-00 / en / 04.2019

Ergoline

<sup>1)</sup> INSPIRATION 500 SMART PERFORMANCE (SUPER/TWIN/TURBO)

<sup>2)</sup> INSPIRATION 600 SMART PERFORMANCE (TWIN)

# Legal notice



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# **DANGER!**



### Failure to observe these instructions:

- can result in serious injury and death,
- can result in damage to the device and the environment.
- Read these instructions carefully before putting this tanning device into operation.
- Please observe the instructions and the code of conduct required to operate the device safely.
- Please make the instructions and additional information from the manufacturer available to the personnel at their workplace.

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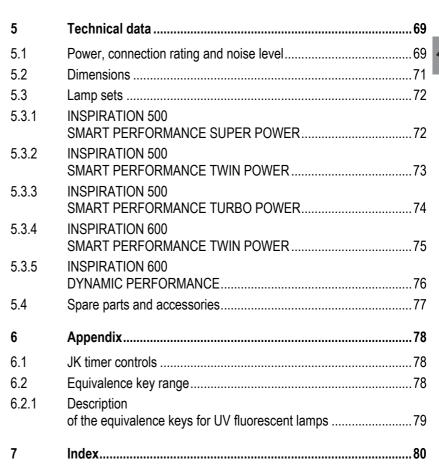
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# 1 Safety instructions and warnings



To ensure safe operation of the device, it is necessary to read the following safety instructions and warnings carefully and comply with them.

The safety instructions summarized here are repeated in the corresponding chapters, where necessary.

# 1.1 General

# 1.1.1 Definitions

### Operator

Person who provides the devices described here to users on a commercial basis. The operator is responsible for the correct operation of the device as well as compliance with the maintenance intervals.

#### User

A person who uses the device at a commercial location.

#### Personnel

People who are responsible for the operation, cleaning and general maintenance work and who instruct the users in the operation of the devices.

# Electrician

A person with suitable professional training, knowledge, experience and knowledge of the applicable regulations which enable them to identify and avoid the dangers which can arise from working with electricity.

### Authorized, trained and qualified personnel

Qualified staff from an external company who have been trained and authorized by the manufacturer to undertake assembly and maintenance work on specific equipment.

# 1.1.2 Symbol explanation

The following types of safety notices are employed in these operating instructions:



### **DANGER!**



# Type and source of hazard

This safety notice indicates the existence of a direct danger to body and life.

# **DANGER!**



# Type and source of hazard

This safety notice warns of dangers to body and life which are caused by electricity.

# **WARNING!**



# Type and source of hazard

This safety notice warns of machine, material or environmental damage.



# NOTE:

This symbol does not identify any safety notices, but provides additional information to better understand the processes.

Operating instructions - 7/82

04/2019 1020632-00



# 1.2 Intended use

This device serves the purpose of cosmetic tanning for one adult person with skin suitable for tanning. Additional information is available on pages 11 and 34.

The device is only intended for commercial use, not for domestic use.

Some people are not permitted to use the device, see page 9.

The device may not be used by people with reduced physical, sensory or mental capabilities or who have insufficient experience and/or knowledge without supervision. A person responsible for their safety must ensure, either by supervision or instruction, that the device is used correctly and safely. If there is any doubt, use of the device by these people is prohibited!

The device may only be operated with the specified or equivalent lamps. The tanning times given in this instruction manual are valid only for the specified lamp set.

Any other use shall be considered improper. The manufacturer cannot be held liable for damage or injuries resulting from this. The operator bears the sole risk for this.

Intended use also includes compliance with the manufacturer's instructions and the operating and maintenance conditions. The device may only be operated, maintained and repaired by persons who are familiar with these tasks and who have been informed of the dangers involved.

# 1.3 Foreseeable misuse

The following uses of the device are explicitly prohibited:

- The device may not be used by several people at the same time. The acrylic glass panel may otherwise break and cause injuries.
- People with a body weight of more than 135 kg may not use the device.
   The acrylic glass panel may otherwise break and cause injuries.
- Exceeding the specified tanning times may result in burns and long-term skin damage.
- When the device is in use no other people may remain in the cabin, in particular no children.
- People under 18 years of age may not use the device.

# 1.4 Tanning safety information

# 1.4.1 Prohibited usage



# DANGER!



#### **UV** radiation

Danger of skin and eye injuries or skin diseases!

Please observe the following instructions.

# The following people may not use the device:

- People under 18 years of age
- People who cannot tan
- People who cannot tan in the sun whithout risking a sunburn
- People who easily sunburn when in the sun
- People with acute sunburn
- People who repeatedly suffered from serious sunburn during childhood
- People with naturally red hair
- People with atypically discoloured areas of skin
- People who have or have had skin cancer
- People who suffer from an increased risk of skin cancer (e.g. cases of skin cancer in the family)
- People among whose closest relatives a melanoma has occurred
- People who are being medically treated for photosensitivity
- People taking photosensitivity causing medicine
- People with freckles and people who tend to develop freckles
- People with more than 16 moles on their body (2 mm diameter or larger)
- People with atypical moles (atypical moles are, for example, asymmetrical moles with a diameter greater than 5 mm, with varying pigmentation and irregular edges)
- Seek medical advice without fail if in doubt!

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# 1.4.2 Important notes

# All other people must observe the following instructions:

### Danger of skin and eye injuries or skin diseases!

- The skin can become sunburnt when exposed to excessive radiation.
   Excessive, frequently repeated UV radiation exposure from natural sunlight or UV devices can result in premature ageing of the skin and an increased risk of skin tumours.
- Particular caution is advisable for individuals who are especially sensitive to UV radiation, and when certain medicaments or cosmetics are used.
   Seek medical advice without fail if in doubt!
- UV devices should not be used without medical advice if unexpected manifestations such as itching occur within 48 hours of first using the sunbed.
- Increasing tanning requires increased exposure time (= radiation time) or
  after a certain degree of tanning has been achieved, increased tanning is
  not possible. However, the radiation time may not be extended as desired
  within the scope of the permissible radiation doses! Therefore, only a certain level of final tanning, which depends on the skin type, can be
  achieved without endangering your health.
- The tanning device may never be used when a filter panel is missing or damaged, or the timer is defective!

### Behaviour before, during and after a sunbath:

- During the tanning session no other people may remain in the cabin, in particular no children.
- Remove all jewellery (including piercings) before the tanning session.
- Remove cosmetics before tanning and do not use sun screen products.
- Do not use any products intended to accelerate tanning.
- Protect sensitive skin areas such as scars, tattoos and genitals before tanning.
- UV light can cause irreversible skin or eye damage. The unprotected eye can become inflamed on the surface, and in certain cases the retina can be damaged by excessive radiation. Cataracts can form after numerous repeated tanning sessions. Use the UV-impermeable protective goggles provided (order no. 84592-..). Contact lenses and sun glasses are no substitutes for protective glasses.
- Observe the recommended tanning times.
- During a tanning session the quantity of radiation which results in the skin reddening (MED, minimum erythema dose) may not be exceeded. If reddened skin occurs around 16-24 hours after the tanning session you may not use the tanning device again for one week. After one week you can start again from the beginning with the first tanning session in accordance with the tanning table.
- The time between the first two sessions on the sunbed must be at least 48 hours! Do not take an additional sunbath on the same day.
- See a doctor if stubborn swelling, sores or pigmented moles form on the skin.

# 1.4.3 Skin type descriptions

# DANGER!





Burns and long-term damage!

People with skin type I may not use the tanning device.

The following applies to people with skin types II, III and IV:

- Observe the tanning times.
- Observe the safety instructions.



# NOTICE:

The tanning times are only valid for the lamp set and filter panels specified on the sticker.

The tanning sessions should be at least 48 hours apart. The maximum dosage of 25 kJ/m² per year should not be exceeded.

The maximum dosage is weighted according to NMSC.1

Skin type II	Skin type II	Skin type III	Skin type IV
			IV
Sensitive skin	Light skin	Normal skin	Dark skin
Always/frequently burns	Usually burns	Sometimes burns	Rarely burns
Tolerates only a small amount of natural sun.	• • •	Tolerates approx. 20-30min. of natural sun.	

04/2019

<sup>&</sup>lt;sup>1</sup> NMSC: Non Melanoma Skin Cancer

# 1.4.4 Tanning times EN (UV type 2)



# NOTICE:

Observe the tanning times.

Observe the national requirements!

The tanning dosage of 3 kJ/m² per tanning period should not be exceeded.

# **INSPIRATION 500 SMART PERFORMANCE SUPER POWER**

- UV low pressure lamps Ergoline TREND 100 W E3 1003886-..
- UV low pressure lamps Ergoline TREND 120 W E4 1004325-...
- UV low pressure lamps Ergoline TREND 8 W E19 1508106-..

Number of tanning sessions	Skin type I	Skin type II	Skin type III	Skin type IV
	[min]	[min]	[min]	[min]
1	-	5	5	5
2	-	5	6	6
3	-	6	7	8
4	-	7	8	10
5	-	7	10	12
6	-	8	11	14
7	-	9	12	15
8	-	10	13	17
9	-	10	15	19
10	-	11	16	21
11	_	12	17	23
12 +	-	13	19	25
Maximum number of tanning sessions per year (NMSC):	-	83	57	43

# **INSPIRATION 500 SMART PERFORMANCE TURBO POWER**

- UV low pressure lamps Ergoline TREND 160 W E5 1003883-...
- UV low pressure lamps Ergoline TREND 180 W E6 1003888-...
- UV low pressure lamps Ergoline TREND 8 W E19 1508106-..



Number of tanning sessions	Skin type I	Skin type II	Skin type III	Skin type IV
	[min]	[min]	[min]	[min]
1	-	5	5	5
2	-	5	6	6
3	-	6	7	8
4	-	7	8	10
5	-	7	10	12
6	-	8	11	14
7	_	9	12	15
8	-	10	13	17
9	_	10	15	19
10	-	11	16	21
11	-	12	17	23
12 +	-	13	19	25
Maximum number of tanning sessions per year (NMSC):	_	91	62	47

04/2019



# **INSPIRATION 500 SMART PERFORMANCE TURBO POWER**

- UV low pressure lamps Ergoline TREND 180 W E6 1003888-..
- UV low pressure lamps Ergoline TREND 160 W E6 1003883-...
- UV low pressure lamps Ergoline TREND 8 W E19 1508106-..

Number of tanning sessions	Skin type I	Skin type II	Skin type III	Skin type IV
	[min]	[min]	[min]	[min]
1	-	5	5	5
2	-	5	6	6
3	-	6	7	8
4	-	7	8	10
5	-	7	10	12
6	-	8	11	14
7	-	9	12	15
8	-	10	13	17
9	-	10	15	19
10	-	11	16	21
11	_	12	17	23
12 +	-	13	19	25
Maximum number of tanning sessions per year (NMSC):		92	63	48

# **INSPIRATION 600 SMART PERFORMANCE TWIN POWER**

- UV low pressure lamps Ergoline TREND 160 W E5 1005342-...
- UV low pressure lamps Ergoline TREND 140 W E4 1004325-..
- UV low pressure lamps Ergoline TREND 8 W E4 1503760-...



### **INSPIRATION 600 DYNAMIC PERFORMANCE**

- UV low pressure lamps Ergoline TREND 160 W E5 1504250-...
- UV low pressure lamps Ergoline TREND DYNAMIC 180 W E6 1508109-..
- UV low pressure lamps Ergoline TREND 8 W E9 1503760-...

Number of tanning sessions	Skin type I	Skin type II	Skin type III	Skin type IV
	[min]	[min]	[min]	[min]
1	-	5	5	5
2	-	5	6	6
3	_	6	7	8
4	-	7	8	10
5	_	7	10	12
6	-	8	11	14
7	-	9	12	15
8	-	10	13	17
9	_	10	15	19
10	-	11	16	21
11	-	12	17	23
12 +	-	13	19	25
Maximum number of tanning sessions per year (NMSC):	-	94	64	49



# 1.5 Safety instructions and warnings

# 1.5.1 Operator's obligations

As the operator you are responsible for providing clear operating, cleaning and maintenance instructions and ensuring the intended use and the proper operation of the device by means of training and instruction for the personnel.

Your operating instructions must enable the safe use and safe operation of the device and take into account the characteristics and expertise of your company and also the national work safety and environmental protection regulations (within the European Union, the EU directive 89/391/EEC).

# 1.5.2 Personnel training

As the operator you are obliged to train your personnel and instruct them in the established legal and accident prevention regulations. Ensure that your personnel have understood and observe these operating instructions. This applies in particular to the

- information in 'Intended use' and 'Foreseeable misuse'
- safety instructions in the 'Operation' chapter
- operating instructions
- cleaning and maintenance instructions
- Please make the instructions and additional information from the manufacturer available to the personnel at their workplace.
- Regularly check your personnel's safety consciousness and awareness of the risks, taking into account your operating instructions.
- Please ensure that the cleaning intervals are complied with, in particular cleaning after every tanning session.
- Please ensure that your personnel provide your customers with appropriate advice, in particular regarding tanning times, possible risks and the operation of the device.
- People under 18 may not use the device. Please instruct your personnel to check the customer's identification in the event of doubt.

# 1.5.3 Scope of delivery

Information regarding the scope of delivery is contained in the 'Description' chapter on page 31.

# 1.5.4 Transport, assembly and setup

The device is delivered by a specialist company and assembled and set up by the manufacturer's own service personnel or by an authorized service company.

As an operator you are responsible for complying with the on-site ventilation and electrical requirements at the setup location, see page 17.

### Assembly

#### DANGER!



# Personal danger due to electric shock or burns!

- The assembly and electrical connection must comply with the national regulations.
- The on-site electrical installation must be fitted with an easily accessible all-pole isolating device (master switch), complying with overvoltage category III. This means that each pole must have a contact opening width complying with the conditions of overvoltage category III for full isolation.
- If the connection is established via a plug-in connection then the connection system according to EN 60309 must be utilized.
- Assembly, installation, upgrading or repair of the device may only be carried out by specially trained and authorized personnel.

Information regarding the disassembly and assembly of the device is available in the separate assembly instructions. These assembly instructions are intended solely for use by the manufacturer's service personnel or by qualified specialists authorized by the manufacturer.

### Ventilation

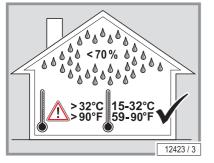
#### **WARNING!**



# Risk of overheating due to air flow problems!

Operating faults possible.

- Do not change, obstruct or block the air inflow and outflow to the device or make any unauthorized changes to the device. The manufacturer shall bear no liability for damage or injuries resulting from such actions.
- Observe the ventilation system data.
- Do not set up and operate the device on the transport pallet!



Data regarding the air supply and ventilation planning is available in the planning manual (www.ergoline.de, available in English and German). You can also obtain this data from your dealership or the customer service department (see page 2).



# **Setup location**

#### WARNING!



# Salty air! Contaminated air!

Device damage due to corrosion of the housing and electrical components.

- Do not install the device at swimming pools.
- Do not operate the device in locations with aggressive environmental conditions (e.g. air containing chlorine)

# Damage to device possible!

Where there are great differences in temperature between the transport route and the installation site the device may not be put into operation immediately after being set up.

 Wait at least 2 hours before connecting the device to the power supply.

# Risk of overheating due to air flow problems!

Operating faults possible.

- Do not change, obstruct or block the air inflow and outflow to the device or make any unauthorized changes to the device. The manufacturer shall bear no liability for damage or injuries resulting from such actions.
- Observe the ventilation system data.
- Do not set up and operate the device on the transport pallet!

#### **Environmental conditions**

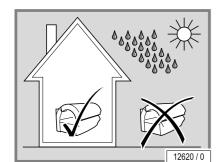
- Optimum ambient temperature: Between 15 °C and 32 °C
- Storage temperature: Between -15 °C and +60 °C

The device is not to be used outdoors.

Adaptation of the unit is required for operating altitudes greater than 2000 m above sea level in order to guarantee trouble-free operation.

The device is not suitable for operation in mobile facilities (ships, buses, trains). Adaptation of the unit is required in order to guarantee trouble-free operation when used in mobile facilities.

Please contact the customer service department without fail before putting the device into operation - see page 2.

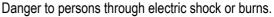


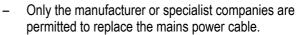
# 1.5.5 Commissioning

### **DANGER!**



# Damaged mains power cable!





Initial commissioning will be undertaken by the manufacturer's own service personnel or by an authorized service company. The device will be handed over ready for use.

If the device has not been used for a longer period of time, then it must first be inspected by our customer service department or by another authorized company before being put back into operation again.

The device is operated with an external time-control unit.

A time control unit must be attached so that the device automatically switches off at the latest after <110 % of the selected running time even if the controller fails. The device running time must be secured with a timer control that complies with the standard EN 60335-2-27).

Dependent on the local power supply company, the devices can transmit interference to the power system of the building that impair the audio-frequency remote control system used by the power supply company. This can, for example, interfere with the function of night-storage heaters.

If faults occur due to the operation of the devices, then the operator is responsible for the installation of an audio frequency blocking device in the building electrical installation. Please contact your electrician. The electrician is familiar with the technical connection conditions of your local utility company so that the audio-frequency blocking device can be matched to the power system of your power supply company.

# 1.5.6 Operation and maintenance

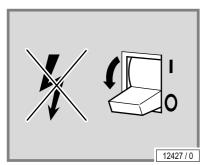
Error-free operation, maintenance and service are required in order to ensure that the health and safety of the users is not endangered during operation and to ensure that the device is in a fault-free operating condition.

Please observe the information and recommendations provided in these operating instructions. Please ensure that the intervals for the inspection, maintenance and service are complied with. Please ensure that the lamps are replaced after the specified usage time.

Unauthorized modifications and changes to the device and its control unit are prohibited. Failure to comply with this invalidates the operating licence!

To avoid hazards, the device must not be used if the mains power cable is damaged. A damaged mains power cable must be replaced by the manufacturer or their customer services, or by trained and qualified specialist personnel.





# 1.5.7 Decommissioning

The device must be disconnected from the power supply in order to temporarily or permanently decommission it.

You must abide by the legal disposal requirements when permanently decommissioning the device.

# 1.5.8 Storage

Store the devices in a dry location with a stable temperature. Once the device has cooled off, pack it in plastic wrapping to protect it against scratches.

Storage temperature: Between -15 °C and +60 °C

# 1.5.9 Disposal

# Environmental regulations – disposal of lamps and batteries

UV lamps contain fluorescent materials and other waste containing mercury. Batteries contain heavy metal compounds.

Within the European Union the national implementation of the Waste Framework Directive 2008/98/EC applies. According to the national waste disposal laws and in accordance with the municipal waste regulations, proof must be provided of the proper disposal of UV lamps and batteries.

Your local sales agency will be happy to assist you with the disposal of UV lamps and batteries:

 Inform your local agency of the number of UV lamps and batteries by telephone or in writing.

The agency will then provide you with the name of a free delivery point for your lamps or will take care, in conjunction with a disposal company, of the collection and proper disposal of the lamps. This service is available for a fee. Outside Germany, the respective national legislation applies. Please contact your local sales agency.

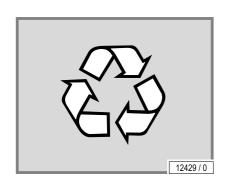
# **Packaging**

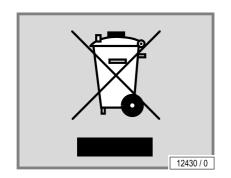
All packaging consists of 100 % recyclable materials. Packaging brought into circulation by the JK Corporate Group that is no longer required can be returned to the JK Corporate Group. Your partner agency or dealer will be happy to advise.

# Disposal of old devices

The device has been manufactured using recyclable materials. The JK Corporate Group will provide you with information on the content or potential hazards of the materials used.

The manufacturer is obliged to take back and dispose of certain electrical and electronic components in accordance with the 2012/19/EC Directive.





The components and devices are labelled with the following symbol:

The device will, if requested, be properly disposed of by the JK Corporate Group. This service is available free of charge. Your partner agency or dealer will be happy to advise.



# Registration numbers

# 1.5.10 Directives

See the included EC Declaration of Conformity.

# 1.5.11 **Export**

We emphasize that these devices are only intended for the European market and must not be exported to or operated in other countries e.g. the USA or Canada! The manufacturer does not accept any liability in the event of non-observance! We explicitly emphasize that non-compliance may result in high liability risks for the exporter and/or the operator.

# 1.5.12 AUX (music, optional)

If an MP3 player or a smartphone is used privately during the application, then this does not constitute a public performance in the sense of copyright law, so that no reporting or fee obligation exists on the part of the studio operator towards the organisation responsible for issuing the commercial performance rights.

For the public use of MP3 music files, the same legislation applies as for all other music sources: As a studio operator/studio owner, you may only play original audio CDs, MCs, audio DVDs etc., on your premises and/or play music via the 'MP3-music modules' which are provided in the devices from JK-International GmbH if you have acquired the necessary stage rights. You can acquire these from the organisation responsible for issuing commercial performance rights in your country (in Germany: GEMA/GVL).

Copy-protected audio CDs, MCs, audio DVDs etc., as well as titles contained on these media, may not be converted to MP3 format and/or saved on HDD, audio CDs, MCs, audio DVDs etc., if software is used to do this, which disables or circumvents the copy-protection contained on the media.

You must be ready at any time to prove your granting of stage rights by presentation of the appropriate stage rights certificate when requested by a representative or another controlling body of the responsible organisation.

As long as you observe all the listed instructions and have acquired the necessary rights for use of the 'MP3-music module', you may convert your original audio CDs, MCs, audio DVDs etc. into the MP3 format required by the player. Only one copy (duplicate or MP3 format conversion) of lawfully acquired audio CDs, MCs, audio DVDs etc. may be made. The source media (original media) must be retained and may not be used simultaneously.

Further details can be found in the information brochure 'Audio Guide' available on the Internet at http://www.jk-globalservice.de .



#### NOTE:

Pre-recorded SD cards which are delivered as accessories for a JK audio system are also subject to payment obligation for commercial usage.





04/2019



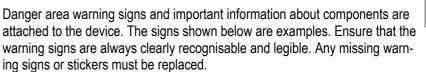
# 1.5.13 Technical modifications

The device has been constructed in accordance with the current state of the art and the applicable safety regulations. The illustrations and specifications in these operation instructions are subject to technical modifications which are required in order to improve the device.

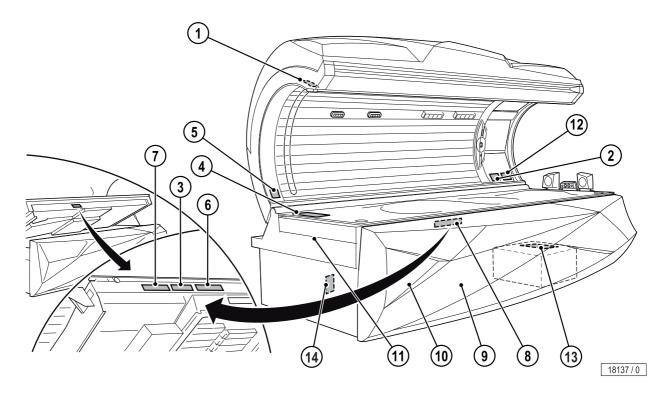
Unauthorized modifications and changes to the device and its control unit are prohibited. Failure to comply with this invalidates the EC conformity!

Please use only original spare parts. Failure to comply with this invalidates the EC conformity!

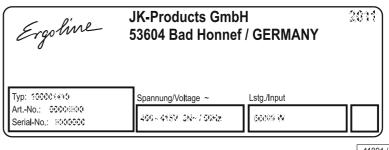
# 1.6 Signs and stickers on the device







# 1: Type plate



11991 / 1

The name plate is attached to the interior side of the canopy. It contains important information for identifying the device (e. g. the serial number = Serial-No.).

04/2019 1020632-00



# 2: EU warning sticker (1012638-..)



This sticker also includes the language form 1504231-.. (see Technical Documentation folder).

# 3: 'No export USA/Canada' sticker (84829-..)

HINWEIS	NOTE	REMARQUE
Wir weisen darauf hin, daß die Geräte nicht	We emphasize that these devices must not	Nous attirons votre attention sur le fait que le
in die USA oder nach Kanada exportiert und	be exported to or operated in the USA or	appareils ne doivent pas être exportés ni utilisé
dort betrieben werden dürfen. Bei Nichtbe-	Canada! The manufacturer does not accept	aux Etats-Unis ou au Canada! Nous ne pourron
achtung dieses Hinweises wird keine Haftung	any liability in case of non-observance of	nullement être tenus responsables de dommage
übernommen.	this notice!	si cette remarque n'est pas respectée! 84829-03

11977 / 1

The sticker is mounted on the bottom edge at the front of the bed base.

# 4: Lamp set sticker

				(3)	Ergoline ESPRIT 770-S DYNAMIC	POWER
2 4	1	18x			Ergolins TRENO 80-200 W 85	1504250-
	2	8x			Ergotine TRENO 80-200 W 85	1804280-
(E)	3	22%			Ergoline TRENO 80-200 W 55	1504250-
	4	3x	4×	2x 2x	Ergotine ULTRA 528W ULTRA PERFORMANCE 862 ULTRA PERFORMANCE 862 Ergotine TREND 8 W 69	12845- 1887843- 1884284- 1883865-
6	(5)	w.	er.	*	Engoditrie TREND 80-200 W 65	•
EN 88 90005-2-27, 1990, Sen 9.3 Whe?	6		28	2x 2x	Ergoline ULTRA 258 W ULTRA PERFORMANCE 862 GLAS/GLASS/VERRE/	1500384- 1500635- 1500160-
toraco acego agos aconto	JK.	-Produ	ıcts G	mbH /	GERMANY 108	3066-01

12846 / 0

The precise details of the required lamps are available in the separate appendix.

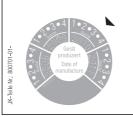
# 5: Maintenance instruction sticker (800701-..)

#### A C H T U N G !

Dieses Gerät muß regelmäßig nach Herstellervorschrift technisch gewartet bzw. überprüft werden, um jegliche Gefahr körperlicher Schäden vollständig auszuschließen. Plaketenbeschriftung = "Geräteproduktion ... Quartal / Jahr"

#### ATTENTION!

This sunbed must be checked and serviced at regular intervals in accordance with the manufacturer's specifications in order to rule out entirely any risk of physical injury. Label wording = "Date of manufacture ... quarter/year"



12225 / 0

# 6: Warning sticker crushing hazard (1015567-..)



# 7: 'Only use original spare parts' sticker (801026-..)

The sticker is mounted on the bottom edge at the front of the bed base.

# 8: Exhaust air warning sticker (842971-..)

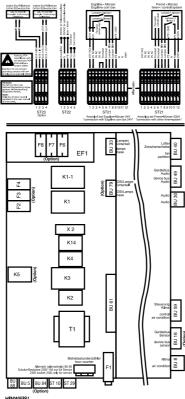
The sticker is mounted in the centre of the rear panel.





# Stickers 9 – 14 are mounted beneath the bed base.

# 9: Sticker plug VSG (1013942-..)



HINWEIS!

In diesem Gerät dürfen nur Originalteile von JK-Products GmbH bzw. von JK-Products GmbH bzw. von JK-Products GmbH bzw. von JK-Products GmbH freigegebene Teile verwendet werden. Ersatzteile, die die oben genannten Voraussetzungen nicht erfüllen, jedoch den Anspruch erhöben, unt obigen Teilen indentisch zu sein (dent-Teile) dürfen grundstatzlich nicht eingebaut werden. Über Ausnahmen im Einzelfall entscheidet die JK-Products GmbH.

WARNINWEIS!

Der Einbau von nicht frei gegebener Fremdelektronik oder ungenehmigte Anderungen jedweder Art an Konstruktion, Verdrahtung o. 8. ühren zum Erlösschen der Gewährfeistungsansprüche, Zuwiderhandlungen können Brandgefahren auslösen, durch die Personen intloge Rautwergfühung und der Feuer gelötte Oder schwer vertett werden Können, Des Weiteren erlischt die für das Gerät ausgestellte EU-Konformitätserhäfung (GE-Kennzeichen). Es besteht ferner die Gefahr, dass Sie die Ansprüche aus der gesetzlichen Produkthaftung verlieren.

NOTE!

Only genuine parts or parts approved by JK-Products GmbH or JK-Products
GmbH may be used in this device. Replacement parts that do not meet the
above requirements, but which, however, claim to be identical with the above
mentioned parts (pattern parts), must not be fitted under any circumstances.
JK-Products GmbH will judge exceptions to this on a case by case basis.

WARNING!

The installation of unapproved electronics made by other manufactures or unapproved changes of any kind to the design, wiring etc. shall result in any and all warranty Claims being forfeited.

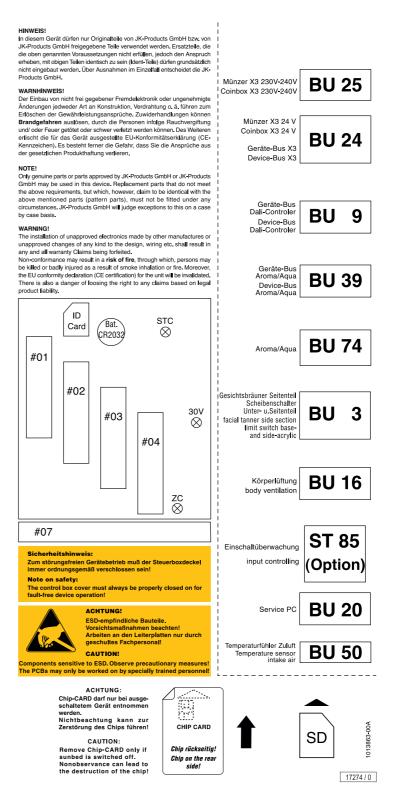
Non-conformance may result in a risk of fire, through which, persons may be killed or badly injured as a result of smoke inhalation or fire, Moreover, the EU conformity declaration (CE certification) for the unit will be invalidated. There is also a danger of loosing the right to any claims based on legal product liability.



18138 / 0

The sticker is mounted on the power unit support.

#### 10: Controller connections sticker



The sticker is mounted on the controller support.

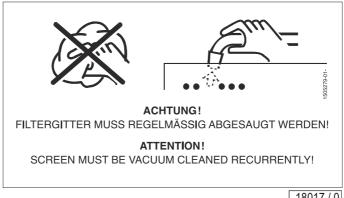
# 11: Terminal sticker x 3 (1000563-..)

The sticker is mounted on the rear panel at the left.



04/2019

# 12: Cleaning of screen sticker, facial tanner area (1505279-..)



18017 / 0

# 13: Air conditioning sticker (1002243-..)



The sticker is mounted on the air conditioning.

# 14: ESD - sensitive components sticker/AQUA SYSTEM (100791-..)





17485 / 0

The sticker is mounted on the AROMA system.

# ESD (Electrostatic discharge) - sensitive components sticker (85662-..)

This sticker is mounted in several places in the device.

04/2019



# 1.7 Warranty

On behalf of customers who have purchased a tanning device for private or commercial utilisation from one of the JK-International GmbH sales partners, JK-International GmbH accepts liability for any defects on the tanning device that arise in accordance with the following regulations; wearing parts such as high pressure lamps (bulbs), low pressure lamps (tubes) and starters and consumables (e.g.: Aqua-System, Aroma-System) as well as the acrylic glass panels are not covered by the warranty

Should the product contain faults, JK-International is entitled and obligated to repair or replace the product at its own discretion. Where it is not possible to repair or replace the product, the customer is able to withdraw from the purchase agreement or reduce the purchase price by a suitable amount. The warranty period is one year from delivery or from acceptance, if an acceptance process is required.

This does not affect the rights of the customer under the existing warranty with regard to any claims that the customer might have in accordance with the contract of purchase.

# 1.8 Warranty and liability exclusions

Warranty and liability claims for personal injury and property damage are excluded if they are the result of one or more of the following causes:

- improper use of the device;
- improper assembly, commissioning, operation and maintenance of the device;
- operating the device with faulty safety equipment or improperly attached or non-functional safety and protective equipment incl. warning signs;
- not complying with the information in the operating instructions regarding transport, storage, assembly, commissioning, operation and maintenance;
- the use of untrained personnel;
- unauthorized changes to the device or the control unit;
- inadequate monitoring of parts subject to wear;
- repairs carried out improperly;
- the use of non-original spare parts;
- Emergencies and disasters resulting from the influence of foreign materials or force majeure.

# 2 Description



# 2.1 Scope of delivery

- Tanning device
- Suction cup for filter panels
- Connecting lead
- Allen key
- Protective goggles
- Technical documentation (instructions, brochures for error codes and default settings and additional documentation)

The low pressure UV lamps are delivered and packaged separately.

# 2.1.1 Optional

- Central exhaust air socket
- Audio system (with Voice Guide)
- Air conditioning system
- Filter mats (canopy)

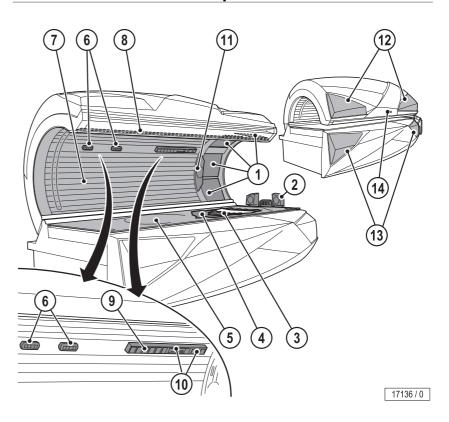
# 2.2 Equipment

Device equipment varies depending on the model.

In this description, all standard and optional components/functions are taken into account which must be observed during operation and/or when performing maintenance.

The control panel also differs according to the varying equipment: Only those buttons are illuminated from behind that can be operated, i.e. the corresponding function must be included in the device's equipment.

# 2.3 Device description

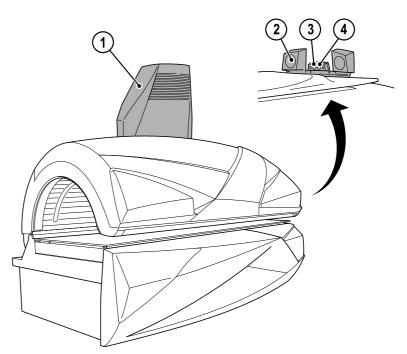


- 1. Facial tanner (high pressure lamps + low pressure lamps)
- 2. Audio system (with Voice Guide)
- 3. Low pressure lamps, base
- 4. Partition
- 5. Acrylic glass panel base
- 6. Body cooling air nozzles (INSPIRATION 500 TWIN/TURBO POWER, INSPIRATION 600)
- 7. Low pressure lamps, canopy
- 8. Interior lighting (LEDs)
- 9. Adjustable air nozzles Facial cooling
- 10. Nozzles AQUA / AROMA SYSTEM
- 11. Operating panel
- 12. Decorative lighting, canopy (LEDs)
- 13. Decorative lighting, front panel (LEDs)
- 14. NFC Connect (INSPIRATION 600)

  Data exchange via contactless near field communication

# 2.4 Accessories (optional)





14885 / 0

- 1. Central exhaust air socket
- 2. Audio system (with Voice Guide)
- 3. Headphone connection
- 4. AUX connection

# 2.5 Functional description

The primary technical components of a tanning device are an artificial source of UV radiation, a variety of filters and reflectors as well as a mechanical structure with a defined active surface.

Different tanning results can be achieved in varying strength tanning devices. On one hand, this is due to the different strength UV lamps and, on the other hand, the different UV-A and UV-B proportions of the UV radiation. Whereas the UV-A proportion primarily generates a superficial tan, which appears rapidly and is intensive but also fades more rapidly, the UV-B radiation is primarily responsible for more long-term tanning results. The disadvantage of the UV-B radiation is that the tan does not become visible until one or two days after visiting the tanning salon. Therefore, the appropriate tanning device is to be selected depending on the desired tanning goal.

The tanning devices described here primarily emit UV-A radiation and are equipped with additional UV-B lamps (low pressure UV lamps in the face tanners).

10/2018 1013151-00D

# 3 Operation



# 3.1 User safety information

#### **DANGER!**



# **UV** radiation

Danger of skin and eye injuries or skin diseases!

 Please observe the safety instructions and warnings in chapter 1.

### Danger of hearing damage!

Using earphones or headphones at high volume can result in permanent hearing damage.

Do not set the volume too high.

# 3.2 Tanning - but correctly!

A few things need to be noted to in order to obtain maximum enjoyment from a tanning device. Here are some answers to frequently asked questions.

### Make-up in the tanning device?

Please do not wear make-up. Clean skin absorbs UV light better.

A wide variety of materials is found in cosmetics. Whether these are emulsifiers, greases, or fragrances - in conjunction with UV radiation, these can cause skin allergy reactions.

Accordingly, a must before using a tanning device is: Remove all make-up. This is essential. Make-up clogs the pores in the face. The UV light from a tanning device re-opens these clogged pores so that not only does the light penetrate the skin, but also the allergenic components of the make-up.

A further negative consequence of make-up is that the appearance of the skin deteriorates irreversibly over a period of time. However good a decent makeup looks - in conjunction with UV light, it causes more harm than good. Therefore: Remove all make-up before a session in your tanning device - it will be much better applied afterwards.

#### Showering after leaving the tanning device?

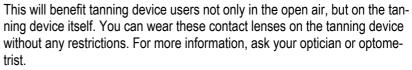
The browning is in the skin, not on it. Therefore you cannot wash it off. Treat your skin to a moisturizing cream after showering.

### Are medications and the tanning device compatible?

It is known that some medicaments increase the skin's sensitivity to UV light. This probability is particularly high with antibiotics, sulphonamides, psychiatric drugs, tranquillizers, anti-diabetes treatments and diuretics. Sun creams which contain psoralen or kumarin also increase skin sensitivity. If you are in any doubt, first ask your doctor - then you can enjoy the sun at no risk.

### Contact lenses in the tanning device?

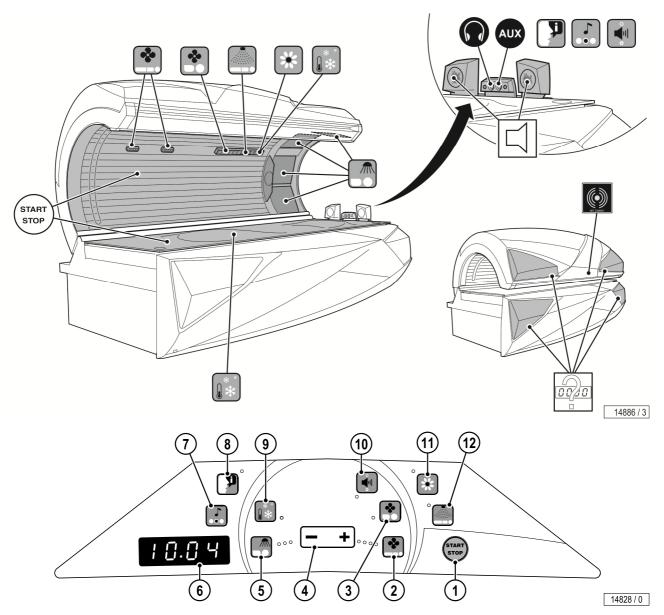
The answer is: Yes! Like any other tanning device user, contact lens wearers should also wear special protective goggles which protect the eyes against UV radiation. To guarantee better protection, wearers of spectacles and contact lenses can ask their optician for exchange contact lenses with UV protection. The UV-A and UV-B filters built into exchange contact lenses will protect the cornea and the internal parts of the eye against almost 100 of the energy in UV radiation.





## 3.3 Operating overview





- 1. START/STOP button
- 2. Body cooling button
- 3. Facial cooling button
- 4. Plus/Minus button
- 5. Facial tanner button
- 6. Display Functions ...
- 7. Audio system button
- 8. Voice Guide button
- 9. Air conditioner button
- 10. Volume button
- 11. AROMA button
- 12. AQUA SYSTEM button

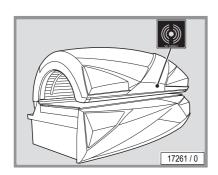
## 3.4 Functions

	Function	Pictogram selection / Button sequence	Description / Display	Information
1.	Lamps	START STOP	START/STOP Switches the lamps on / off during the tanning session	The tanning time continues to run if the lamps are switched off during tanning session.
2.	Body fan	<b>♣</b> -/+	Regulate the body fan, levels 1 - 9	
3.	Face fan	<b>⋄</b> ⊝/•	Regulate the face fan, levels 1 - 9	The face cooling air nozzles can be adjusted manually.
5.	Facial tanner	-/+ - +	Regulate the facial tanner, levels 1 - 3 Switch the facial tanner off: hold button down for 2 seconds Switch the facial tanner on	1 minute until up to maximum power
7.	Audio system		I.CH (internal): Music' SD-card	· ·
		- P3-	Select title E.CH (external): externally connected system (e.g. CD player) Select channel MP3 player or smartphone	
8.	Voice Guide	<b>₽</b> •	Switch the Voice Guide off Switch the Voice Guide on	The Voice Guide provides acoustic device operating help and is only available if an audio system is fitted. Voice Guide is switched on as a standard item during stand-by and tanning.
9.	Air conditioning	** -	Switch the air conditioning off: hold button down:   Switch the air conditioning on	
10.	Volume	-/+	Volume control and switching off the audio systems	
11.	AROMA	<b>※</b> ⊙ <b>※</b> •	Switch the AROMA off Switch the AROMA on	





	Function	Pictogram selection / Button sequence	Description / Display	Information
12.	AQUA SYSTEM	- +	Switch the AQUA SYSTEM off Switch the AQUA SYSTEM on	
	Accent lighting running time			See 'Presettings', order no. 1019970



### 3.5 NFC Connect

Data exchange via contactless near field communication – individual settings can be stored on a chip card and called up again during the next session.

Set the desired function during the tanning session.

The comfort settings can be saved in the period after the tanning session until the end of the fan's warm-down time.

Hold the customer card close to the NFC point (max. distance 3 cm).

The individual comfort settings are automatically saved to the card.

The settings saved on the customer card can be read by all devices with NFC Connect and the corresponding setting options.

Upon starting the following functions are activated:

Hold the customer card close to the NFC point (max. distance 3 cm).

The individual comfort settings are automatically transferred to the device.

### **NFC** status

The data transfer is indicated by colours.



The NFC point flashes pulsating: Ready for use / Standby

During the fan run-on, the NFC point flashes in transmit mode:

The settings can be transferred to a data carrier.



The centre point of the NFC point is green:

Settings have been successfully transferred from the data carrier to the solarium.



The centre point of the NFC point is blue: Settings have been successfully transferred to the data carrier.

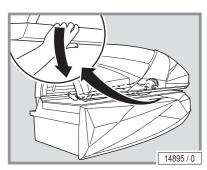


The centre point of the NFC point is orange:

- a) Transmission error
- Hold the card in front of the point again and wait a little longer.
- b) The data carrier is empty.
- After tanning, the settings can be saved to the data carrier.







## 3.6 Start

- Closing the canopy.
- Press the START/STOP button.

Upon starting the following functions are switched on:

- Lamps
- Facial tanner
- Body cooling
- Air condition (optional)
- Audio system (optional)
- Voice Guide (optional)

## 3.7 AUX (music)



### DANGER!



### Danger of hearing damage!

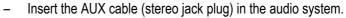
Using earphones or headphones at high volume can result in permanent hearing damage.

Do not set the volume too high.

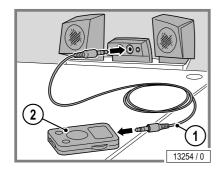
The user can connect her/his own private MP3 player or smartphone to the device, if the audio system accessory is fitted.

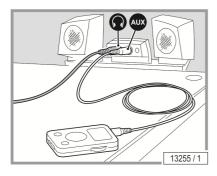
- 1. Mat.-No. 1001855-.. provided for use by the studio operator (1.5 m / 2 x 3.5 mm stereo jack plug).
- 2. MP3 player or smartphone connection: see the documentation from the manufacturer of the MP3 player or smartphone.

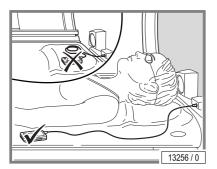
### Connecting:



- Plug the AUX cable into the MP3 player or smartphone.
- Select the music title and then start.
- Where necessary, set the volume level on the MP3 player or smartphone so that the sound signal from the MP3 player or smartphone is recognized by the audio system.







### WARNING!



## The heat might damage your MP3 player or Smartphone!

Do not place the unit directly in the radiation area.

The cable might tear, the connectors might be damaged.

Do not pull on the cable when unplugging the MP3 player or Smartphone.

04/2019

## 4 Cleaning and maintenance



# 4.1 Safety instructions when undertaking cleaning or maintenance work

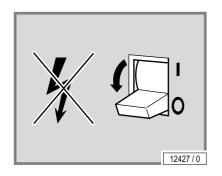
### **DANGER!**



### Electricity throughout entire device!

Personnel danger due to electric shock or electric burns.

- Before beginning work, disconnect all of the power connections from mains voltage.
- Secure all of the disconnected connections against accidental reactivation.
- Check that the device is disconnected from mains voltage.
- All of the work and electrical connections must comply with the national regulations of the country in which the device is being operated (e.g. the VDE regulations in Germany) and must be undertaken by appropriately trained specialists.



If work is to be performed on the devices, they must be deenergized. That means that all live cables must be switched off.

Switching off the device alone is insufficient, as certain points may remain energized. Therefore, switch off fuses before performing any work and – if possible – remove them.

Accidental reactivation can result in serious accidents. Immediately after deenergizing, secure all switches or fuses used for deenergizing against being switched on again.

Lock the fuse box with a padlock.

In case of circuit breakers which cannot be unscrewed, a strip of adhesive tape may be applied over the actuation lever with the wording 'Do not switch, danger!' (1 + 2).

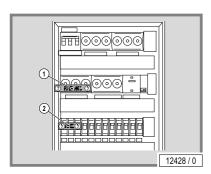
A prohibition sign with the text:

'Work in progress!'

'Place: ......

'Sign may only be removed by: ............

must always be securely mounted immediately.



### 4.2 Faults

Error codes are output to the display to simplify troubleshooting:

- If a fault occurs, the error code flashes on the display.
- If several errors occur, the error messages are displayed alternately.
- Error elimination is acknowledged by pressing the **START/STOP-**button.
- If the error cannot be cleared, inform Customer Service see page 2.

More detailed information regarding the error description and solutions is available in 'Error Codes' (order no. 1019969-..).

## 4.3 Cleaning

### **DANGER!**



### Infections can be spread by skin contact!

All objects/device parts, which can come into contact with the user during tanning, must be disinfected after every tanning session:

- Acrylic glass panel
- Handles and control panel
- Protective goggles
- AUX cable
- Adjustable air nozzles



### NOTE:

Adhere to the stipulated times to ensure thorough disinfection. Follow the manufacturer's instructions for use.



### 4.3.1 Cleaning the surfaces

### Acrylic glass surfaces

### **WARNING!**



**Do not rub with a dry cloth – danger of scratching!** Failure to comply invalidates any warranty claims.

- For the fast, hygienic and proper cleaning of acrylic glass surfaces, use specially developed cleaning agents.
- Concentrated disinfectants or solvents (e.g. Lysoform, ethyl alcohol or other fluids containing alcohol) must never be used for cleaning.

### Acrylic glass panels unusable due to soiling!

Soiling on the panels is burned in by the hot lamps and results in the long term in unserviceable panels.

Remove fingerprints and other soiling carefully.



### Plastic surfaces

For cleaning the remaining painted and unpainted plastic surfaces, it is best to simply use warm water and a leather cloth. Never use aggressive cleaning agents containing alcohol or essential oils. These may lead, in the long run, to damages not covered by the guarantee.

During cleaning a slight discolouration of the leather cloth by the rubber seals must be expected for production-related reasons.

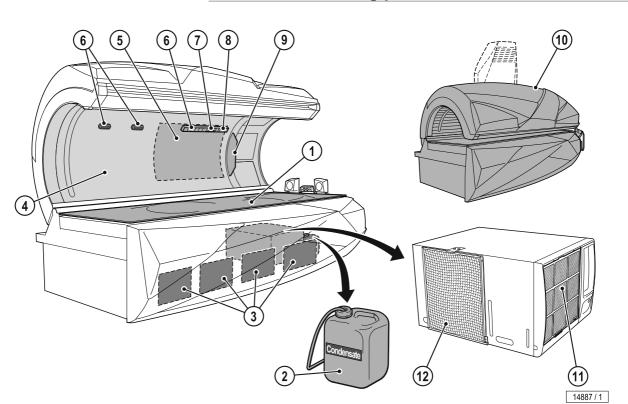
Prevent damage to the acrylic glass and plastic surfaces.

Remove rings, watches, bracelets etc. before starting cleaning work.

### 4.3.2 Filter panels and lamps

- Low pressure lamps and filter panels can be cleaned with a damp cloth and without additional cleaning agents where necessary.
- High pressure lamps can be cleaned with ethyl alcohol where necessary.

## 4.4 Cleaning plan



	Component	Interval			Activity	See page
		After each tanning session	When necessary	50 h		
1	Acrylic glass panel	Χ			Cleaning and disinfection	44
6	Air nozzles	Χ			Cleaning and disinfection	43
9	Display unit	Χ			Cleaning and disinfection	43
	Handle	Χ			Cleaning and disinfection	43
	Protective goggles	Χ			Cleaning and disinfection	43
	AUX cable	Χ			Cleaning and disinfection	43
2	Condensation tank		Χ		Empty	63
4, 10	Surfaces		Χ		Clean	44
7, 8	Nozzles AQUA / AROMA SYSTEM		Χ		Clean	43
3	Filters			Χ	Remove and clean filter	61
5, 11	Filter mats			Χ	Remove and clean filter	62, 63
12	Filter			Χ	Remove and clean filter	63



### NOTE:

Cleaning must be confirmed after each tanning session by pressing the START/STOP button (when the warm-down time for the main fan has finished).



### 4.5 Maintenance

Maintenance and care play a major role in deciding whether the device meets the requirements placed on it in a satisfactory manner. Compliance with the specified maintenance intervals and the careful conducting of the maintenance and care work are therefore absolutely necessary.

The current operating hours of maintenance parts can be called up in service mode (see 'Presettings', order no. 1019970-..).

We point out that the device must be subjected to regular inspections by our customer service or an approved specialized company every 12 months (from commissioning) to maintain its proper condition!

Inspections and maintenance work that has been carried out must be entered in the equipment, operating and maintenance booklet (order no. 1019967-..).

### 4.5.1 Acrylic glass

### WARNING!



### Cosmetics may cause cracks to form on the surface!

Over the long-term cosmetics or sunscreens cause damage (e.g. crack formation on the surface).

 Ensure that cosmetics and sunscreens are removed before tanning.

The acrylic glass panels for the tanning devices are produced of acrylic glass developed especially for this application. The acrylics used feature a particularly high UV permeability and resistance, as well as an easy-care, hygienic surface that is gentle on the skin.

The acrylic glass panels are formed to device-specific shapes in a technically complex production process. Despite state-of-the-art production know-how, the presence of minor spots, air bubbles or streaks in the acrylic panels is unavoidable. In addition, hairline cracks can occur on the acrylic glass panel during operation.

These occurrences are material-related and are unavoidable in processing. However, they have no significant effect on use and are therefore not accepted as defects.

Over the course of time the acrylic glass panels becomes more translucent as a result of usage and must be replaced by customer-service personnel on a regular basis.

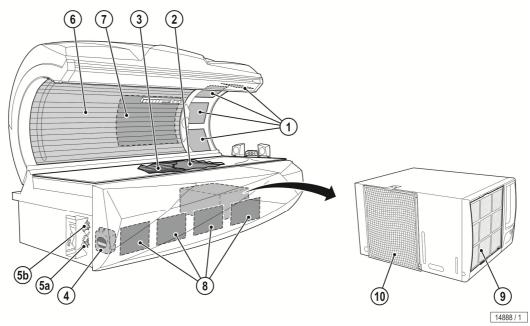
## 4.6 Maintenance plan

### WARNING!



Only use **genuine spare parts** of the same type! If other parts are used then the device no longer complies with the conformity declaration and may not be operated any longer! Any liability for damage or injury proven to be the result of the use of non-genuine spare parts is excluded.





	Component	Interval							Activity	See page
		When necessary	300 operating hours	500 operating hours	750 operating hours	1000 operating hours	3000 operating hours / 2 years	8000 operating hours / 4 years		
4	AQUA SYSTEM	Χ							Replace	67
5a, 5b	AROMA canister		Χ						Replace	66
1	High pressure lamps, facial tanner				Χ				Replace	60
3	Low pressure lamps, base			Χ					Replace	59
6	Low pressure lamps, canopy			Χ					Replace	60
1	Low pressure lamps, facial tanner			Χ					Replace	60
1	Starter UV low pressure lamps, facial tanner					Χ			Replace	60
1	Filter panels, facial tanner						Χ		Visual control	60
1	Filter panels, facial tanner							Χ	Replace	60
2	Partition						Χ			
7	Filter mat					Χ			Replace	62
8	Filter	Χ							Replace	61
9	Filter mat	Χ							Replace	63
10	Filter	Х							Replace	63



### Maintenance performed by authorized, trained and qualified staff

### WARNING!



## Danger to persons from maintenance work that has not been carried out!

If maintenance work is not carried out, it can lead to material damage or personal injuries!

- Maintenance work may only be carried out by personnel who have been authorized, trained and qualified by JK Products & Services, Inc.!
- The studio operator is responsible for compliance with the maintenance intervals!

The maintenance work must be carried out in accordance with checklist 1019858-.. by a JK Factory Certified Technician at the manufacturer or by personnel who have been authorized, trained and qualified by the manufacturer.

The correctly carried out maintenance work must be entered and confirmed in checklist 1019858-..

The maintenance work must be carried out at the following intervals:

- Every 1500 hours
- Annually or every 2000 hours, whichever is sooner.
- Every 3000 hours
- Every 5000 hours
- After 10 years or 20,000 hours, whichever is sooner.

Once the age of the device reaches ten (10) years from the date of manufacture, its condition must be assessed by a JK-International GmbH, Division JK-Global Service Certified Technician before use of the device can be continued.

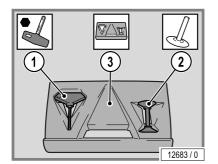
Failure to have this device assessment performed may result in personal injury or property damage.

Any liability is excluded if use of the device continues ten (10) years after the date of manufacture, without the "condition assessment" having been performed

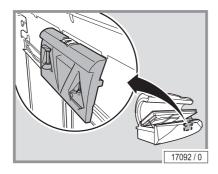
# 4.7 Cleaning and maintenance work preparation





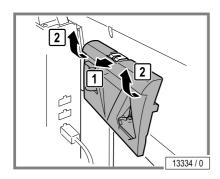


- Allen key
- 2. Suction cup for filter panels, acrylic glass panel and canopy panel
- 3. Scratch prevention for the entry area (support cushion for the canopy)

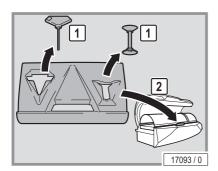


The service kit is fitted on the inside of the front panel.

- Opening the bed base: see page 53.



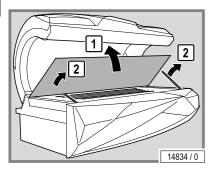
Remove service kit from support.



Use the cushion as scratch prevention when opening the canopy panel.

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# 4.7.2 Lift up the acrylic glass panel and remove the partition

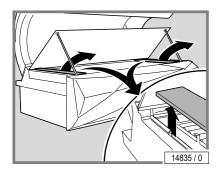
- Lift up the acrylic glass panel.
- Lift up the supports and prop the acrylic glass panel on them.

### **WARNING!**

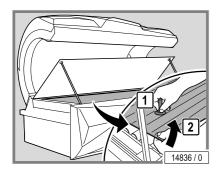


### Risk of scratching!

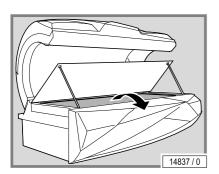
Use the recesses provided on the acrylic glass panel.



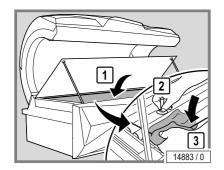
Remove the lamp covers at the head and foot ends.



Raise the partition with the suction cup.



Remove the partition.



### **DANGER!**



## Danger of crushing fingers when inserting the front panel!

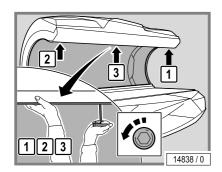
Fingers can be jammed when pressing in the front panel.

 Do not hold fingers between the front panel and the bed base when pressing.

The assembly is the same process in reverse order.

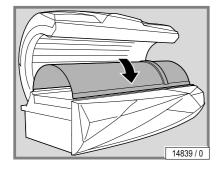
### When assembling the device please note:

- Clean the partition.
- Hold the partition with a cloth in order to prevent finger prints.

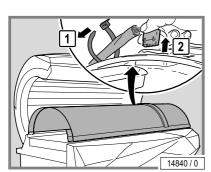


### 4.7.3 Remove the canopy panel

- Turn the locks through 90°: first the outer locks, then the lock in the middle.
- Support the canopy panel with one hand so that it does not fall down.



Carefully lay the canopy panel aside.

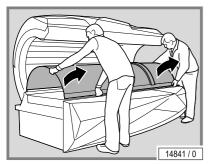


The canopy panel must be completely removed from the device in order to replace the lower, long UV low pressure lamps.

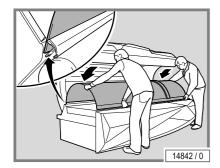
Undo the cable tie and unplug the connector.





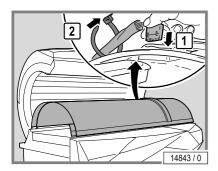


Remove the canopy panel with the aid of a helper.



### When assembling the device please note:

Carefully lay the canopy panel in the guide.

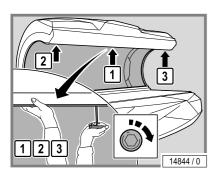


### **WARNING!**



### The cable may get damaged!

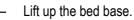
Do not pinch or kink the cable.



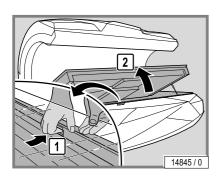
- Support the canopy panel with one hand so that it does not fall down.
- Re-lock the locks: first the lock in the middle, then the outer locks.
- Remove fingerprints and other soiling carefully.

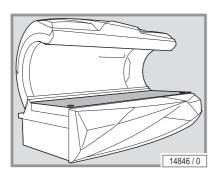
## 4.7.4 Open the bed base











The assembly is the same process in reverse order.

## 4.8 Instructions for replacing the lamps

### DANGER!



### Danger of burns from hot lamps and surfaces!

Finger and hands may get burned when replacing lamps.

 Before carrying out maintenance work, wait until the device has cooled down sufficiently.

The lamp's UV effect and therefore the tanning effect decrease over time. In electronically controlled low pressure lamps, this loss of effect can be compensated. The chip card is used to control the changing periods. You must adhere to the replacement intervals specified in the maintenance plan.

UV filters are utilized in order to control the UV radiation, e.g. the filter panels on the facial tanner. However, the filter effect decreases over the course of time. Therefore, the intervals specified in the maintenance plan must be adhered to.



### NOTICE:

Small quantities of mercury can escape if the bulb/lamp glass breaks! Please comply with the following instructions:

- Immediately disconnect the device from the mains power.
- Children must leave the room immediately.
- Ventilate the room for at least 15 minutes.
- Put on disposable gloves.
- With the window open: Collect the glass shards and escaped mercury in a sealable container.
- Bring the container to a collection site for waste lamps.

# 4.8.1 Changing the chip card (INSPIRATION 600 DYNAMIC PERFORMANCE)



### **DANGER!**



### Danger of being burnt by an over-powered lamp!

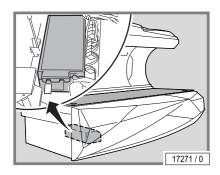
If the old chip card is left in the device, the new lamp set will be run at too high power and the user may suffer heavy burns!

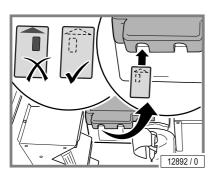
 The enclosed chip card must always be used when changing the UV low pressure lamps!

The chip card belongs to the long UV low pressure lamps fitted in the canopy, the side panels and the device's base.

The chip card is located in the 'Part support control'.

Opening the bed base: see page 53.





- Remove the chip card belonging to the old lamp set.
- Insert the new chip card with the arrow pointing downwards.
- Close the bed base. You should hear the bed base click into place.



### 4.8.2 Low pressure lamps

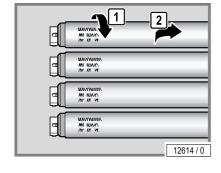
### DANGER!



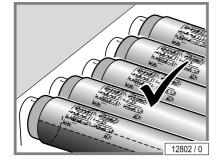
### Danger of burns from hot lamps and surfaces!

Finger and hands may get burned when replacing lamps.

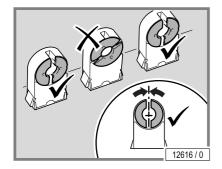
- Before carrying out maintenance work, wait until the device has cooled down sufficiently.
- Replace faulty low pressure lamps immediately.
- Always replace the entire set of lamps after the specified operating time.
- Turn 90° and carefully remove from the socket.



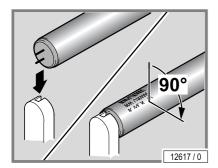
Low pressure lamps possess a reflector which directs the light outwards.
 The lamps must be mounted in such a way that the rear side of the reflector is located on the device side.



Push the pins vertically into the socket from above.

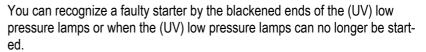


Turn the lamp 90°.
 The lettering must be oriented towards the outside (i.e. towards the tanning room or towards the user).



### 4.8.3 Starter

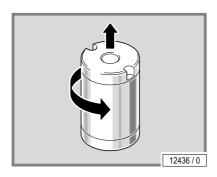
Replace faulty starters immediately.



Operating a (UV) low pressure lamp with a faulty starter significantly shortens its service life. The (UV) low pressure lamp loses power and may begin to flicker under certain circumstances.

The starters are located in either one of the two lamp sockets or become visible when the (UV) low pressure lamps are removed.

Turn 90° and carefully remove from the socket.





### 4.8.4 High pressure lamps and filter panels

### DANGER!



### Danger of burns from hot lamps and surfaces!

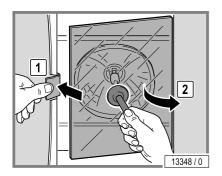
Finger and hands may get burned when replacing lamps and filter panels or cleaning reflectors.

 Before carrying out maintenance work, wait until the device has cooled down sufficiently.

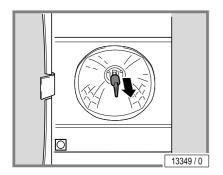
### Fire hazard due to overheated lamps!

Non-approved high pressure lamps can explode. Hot lamp components can set other parts on fire. People can be killed or severely injured due to smoke inhalation and fire.

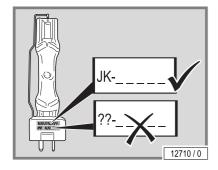
- Only fit the high pressure lamps specified by the manufacturer.
- Clean the inside of the device regularly. Dust particles are flammable!



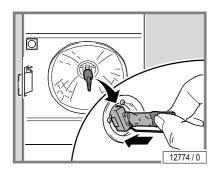
- Open the clamps.
- Lift the filter panel, pull it out of the guide and remove it.



- Unplug the lamps.
- Clean the reflector.

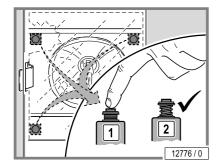


Only utilize original lamps.

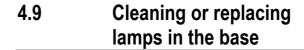


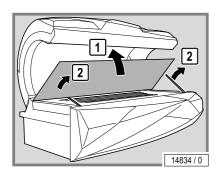
Only touch new lamps in the handling zone.





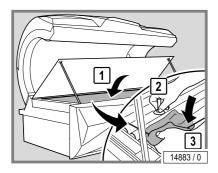
- Test the function of the safety switch.
  - The safety switch ensures that the device switches off in the event of a faulty filter panel.
- Press the switch.
  - If the switch springs back automatically then it is functional.
- Replace the filter panel.





 Lift up the acrylic glass panel and then remove the lamp covers and the partition: see page 50.

Replacing lamps: see page 56.



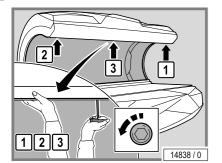
The assembly is the same process in reverse order.

### When assembling the device please note:

- Clean the partition.
- Hold the partition with a cloth in order to prevent finger prints.

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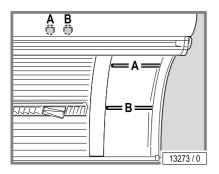


# 4.10 Cleaning or replacing lamps and filter panels in the canopy

Removing the canopy panel: see page 51.

The following components listed in the maintenance plan are fitted in the canopy:

- 1.80 m low pressure lamps
- Facial tanner low pressure lamps and the associated starters
- Facial tanner high pressure lamps
- Facial tanner filter panels

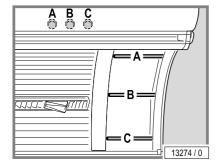


### **INSPIRATION 500:**

These devices have 2 low pressure lamps in the facial tanner.

The facial tanner's low pressure lamps must be removed first so that the high pressure lamps can be changed.

- Remove the lamps.

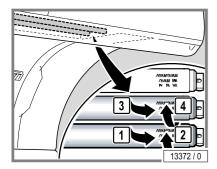


### **INSPIRATION 600:**

These devices have 3 low pressure lamps in the facial tanner.

The facial tanner's low pressure lamps must be removed first so that the high pressure lamps can be changed.

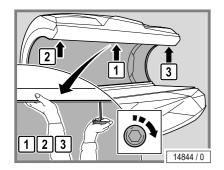
Remove the lamps.



 Remove the two upper low pressure lamps in the canopy so that you can then access the facial tanner's low pressure lamp starter.

Replacing lamps: see page 56. Replacing starters: see page 57.

High pressure lamps and filter panels: see page 58.

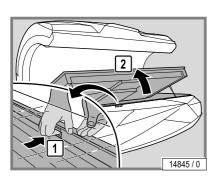


### When assembling the device please note:

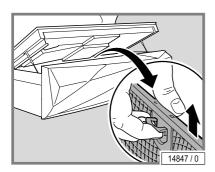
- Support the canopy panel with one hand so that it does not fall down.
- Re-lock the locks: first the lock in the middle, then the outer locks.
- Remove fingerprints and other soiling carefully.



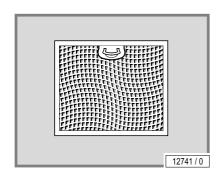
## 4.11 Cleaning the filter in the base



Opening the bed base: see page 53.



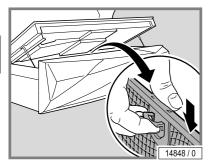
Remove the filters.



Cleaning the filters when moist or dry.

Dry cleaning: Vacuum cleaner (depending on the degree of soiling) Moist cleaning: Use water and detergent or put in a dish-washer





### **WARNING!**



### The device may be damaged by moisture!

The cleaned filters must be dry before they are replaced.

Refit the cleaned and dried filters.

The assembly is the same process in reverse order.

## 4.12 Cleaning the canopy filter mat

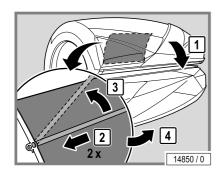
### **DANGER!**



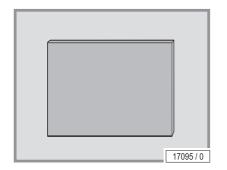
Fire hazard due to dust particles in the air intake openings!

Dust particles are flammable! Regularly remove dust particles from the air intake area.

 Use a vacuum cleaner to prevent dust particles from getting inside the unit.



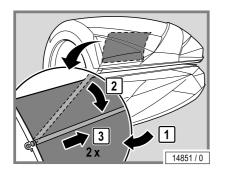
- If necessary, cover the canopy in order to prevent the paint from being scratched
- Remove the filter mat fitted at the back of the canopy.



Dry or moist clean the filter mats or replace with new ones.

Dry cleaning: Vacuum cleaner (depending on the degree of soiling) Moist cleaning: Water and detergent

Do not clean in the dish-washer!



### WARNING!

### The device may be damaged by moisture!

The cleaned filters must be dry before they are replaced.



- Refit the cleaned and dried filter mat.

# 4.13 Air conditioning: Empty the condensation tank and clean the filter

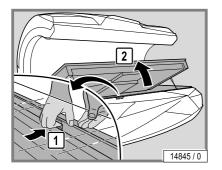
### **WARNING!**



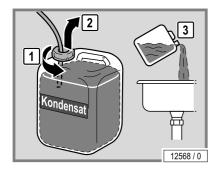
Damage to the device through soiled filters and cooling fins!

Regularly check the filter grill and cooling fins on the air conditioning system and clean if necessary.

We recommend using the specially manufactured fin comb, art-no. 15720470, to clean the cooling fins.

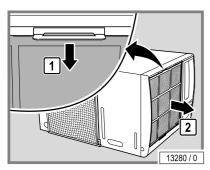


Opening the bed base: see page 53.

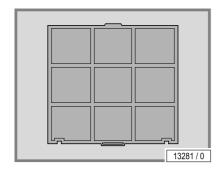


- Bring the condensation tank forwards.
- Disconnect the hose on the condensation tank.
- Empty the condensation tank.





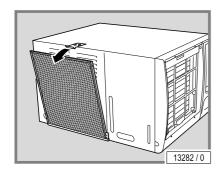
Remove the filter from the holder.



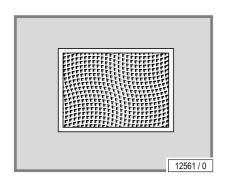
Cleaning the filters when moist or dry.

Dry cleaning: Vacuum cleaner (depending on the degree of soiling) Moist cleaning: Water and detergent

– Do not clean in the dish-washer!

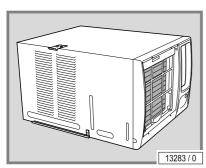


- Remove the filter from the holder.



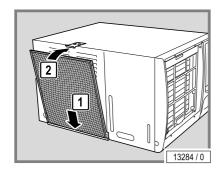
Cleaning the filters when moist or dry.

Dry cleaning: Vacuum cleaner (depending on the degree of soiling) Moist cleaning: Use water and detergent or put in a dish-washer



Use a fin comb to clean the air conditioning's dirty cooling fins.





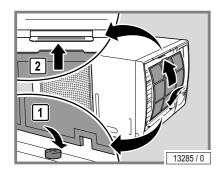


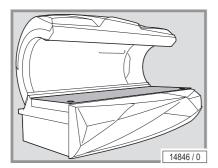
## The device may be damaged by moisture!

The cleaned filters must be dry before they are replaced.



- Refit the cleaned and dried filters.
- Ensure that the filters are correctly positioned in the holder.





- Connect the condensation tank to the hose.
- Refit the condensation tank.
- Close the bed base. You should hear the bed base click into place.

### 4.14 AQUA / AROMA system maintenance

The AQUA SYSTEM function sprays a fine mist of AQUA SOLAR WITH SKIN+ ADDITIVE into the interior of the device for body cooling (see 'AQUA SYSTEM PRODUCT INFORMATION', order no. 1011201-..).









### DANGER!



### **Customer health hazard!**

Water that has been contaminated with bacteria can cause skin rashes and other allergic reactions in device users.

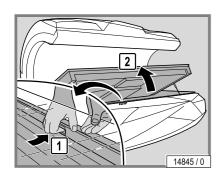
- Therefore you must never fill the AQUA SYSTEM canister with tap water or other liquids.
- Only replace the AQUA SYSTEM canister with a genuine canister.
- Do not add any liquid that remains in the old canister to the new canister!
- Ensure that the maximum temperature specified is not exceeded during transport and storage.
- Note the expiry date on the canister.

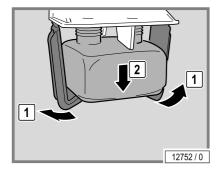
This AQUA / AROMA SYSTEM also includes the 'RELAX' fragrance, which is distributed through the head nozzles. Another fragrance called 'CABIN' is distributed within the cubicle.

Other fragrances are also available. Contact JK-International GmbH, Division JK-Licht for further details (see page 2).

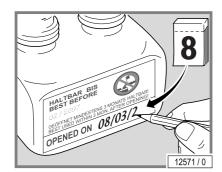
### 4.14.1 **Changing the AROMA canister**

Opening the bed base: see page 53.



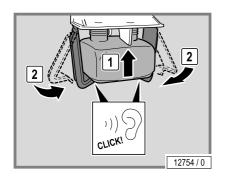


Remove the AROMA canister.

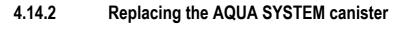


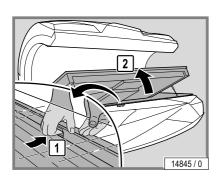
- Unscrew the lid on the new canister.
- Write the date on the canister.



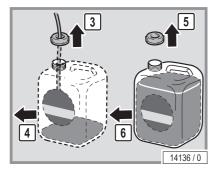


- Fit the canister in the holder.
- Close the bed base.



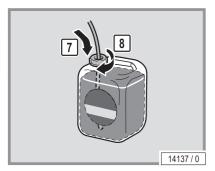


- Opening the bed base: see page 53.

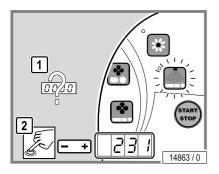


- Remove the canister.
- Unscrew the lid on the new canister.
- Remove the lid with the hose from the old canister.





- Screw the lid with the hose onto the new canister.
- Push the hose well down so that it touches the bottom of the canister.
- Put the canister back in the device.
- Close the bed base.

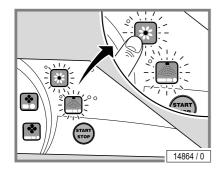


### Venting

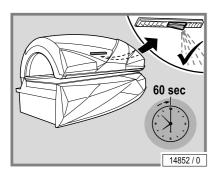


### NOTE:

Ventilate after changing the canister by switching over to preset mode and then select Function 231 (see 'Presettings', order no. 1019970 -..).



Press the AROMA button.



Close the canopy.

The system will now be ventilated for 1 minute. AQUA SYSTEM liquid will be released from the nozzles during this period.

 Test the AQUA SYSTEM function afterwards. Repeat the ventilation process if it does not work.

## 5 Technical data



# 5.1 Power, connection rating and noise level

INSPIRATION 500 SMART PERFORMANCE SUPER POWER					
Power consumption rating with air conditioning:					
Power consumption rating without air conditioning:	6500 W				
Rated frequency:		50 Hz			
Rated voltage:	400-415 V 3N~		230-240 V ~3		
Rated fuses:	3 x 16 A (inactive)	or	3 x 25 A (inactive)		
Connecting line:	H05VV-F 5G 4 mm <sup>2</sup> (scope of delivery)	ū.	H05VV-F 4G 6 mm <sup>2</sup>		
Noise level 1m away from device:		66,4 dB(A)			
Noise level inside the device:		<70 dB(A)			
Load on the acrylic glass panel:		max. 135 kg			
Weight:		ca. 360 kg			

INSPIRATION 500 SMART PERFORMANCE TWIN POWER					
Power consumption rating with air conditioning:					
Power consumption rating without air conditioning:		7500 W			
Rated frequency:		50 Hz			
Rated voltage:	400-415 V 3N~		230-240 V ~3		
Rated fuses:	3 x 20 A (inactive)	or	3 x 35 A (inactive)		
Connecting line:	H05VV-F 5G 4 mm <sup>2</sup> (scope of delivery)	O.	H05VV-F 4G 6 mm <sup>2</sup>		
Noise level 1m away from device:		66,4 dB(A)			
Noise level inside the device:		<70 dB(A)			
Load on the acrylic glass panel:		max. 135 kg			
Weight:		ca. 370 kg			

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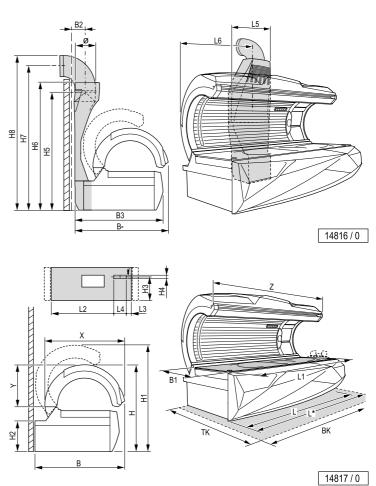
INSPIRATION 500 SMART PERFORMANCE TURBO POWER					
Power consumption rating with air conditioning: Power consumption rating without air conditioning:		9300 W 6500 W			
Rated frequency:		50 Hz			
Rated voltage:	400-415 V 3N~		230-240 V ~3		
Rated fuses:	3 x 20 A (inactive)	or	3 x 35 A (inactive)		
Connecting line:	H05VV-F 5G 4 mm <sup>2</sup> (scope of delivery)	Oi	H05VV-F 4G 6 mm <sup>2</sup>		
Noise level 1m away from device:		66,4 dB(A)			
Noise level inside the device:		<70 dB(A)			
Load on the acrylic glass panel:		max. 135 kg			
Weight:		ca. 380 kg			

INSPIRATION 600 SMART PERFORMANCE TWIN POWER						
Power consumption rating with air conditioning:		-				
Power consumption rating without air conditioning:		8400 W				
Rated frequency:		50 Hz				
Rated voltage:	400-415 V 3N~		230-240 V ~3			
Rated fuses:	3 x 20 A (inactive)	or	3 x 35 A (inactive)			
Connecting line:	H05VV-F 5G 4 mm <sup>2</sup> (scope of delivery)	O.	H05VV-F 4G 6 mm <sup>2</sup>			
Noise level 1m away from device:		66,4 dB(A)				
Noise level inside the device:		<70 dB(A)				
Load on the acrylic glass panel:		max. 135 kg				
Weight:		ca. 375 kg				

INSPIRATION 600 DYNAMIC PERFORMANCE					
Power consumption rating with air conditioning:	12800 W				
Power consumption rating without air conditioning	:	-			
Rated frequency:		50 Hz			
Rated voltage:	400-415 V 3N~		230-240 V ~3		
Rated fuses:	3 x 25 A (inactive)	or	3 x 50 A (inactive)		
Connecting line:	H05VV-F 5G 4 mm <sup>2</sup> (scope of delivery)	· ·	H05VV-F 4G 6 mm²		
Noise level 1m away from device:		66,4 dB(A)			
Noise level inside the device:		<70 dB(A)			
Load on the acrylic glass panel:		max. 135 kg			
Weight:		ca. 395 kg			

## 5.2 Dimensions





B =	1443 mm	H =	1322 mm
B- =	1530 mm	H1 =	1694 mm
B1 =	830 mm	H2 =	435 mm
B2 =	167 mm	H3 =	350 mm
B3 =	1520 mm	H4 =	55 mm
L =	2270 mm	H5 =	1874 mm
L* =	2370 mm	H6 =	1950 mm
L1 =	2250 mm	H7 =	2183 mm
L2 =	1670 mm	H8 =	2333 mm
L3 =	45 mm	Ø =	300 mm
L4 =	245 mm	BK =	2400 mm
L5 =	650 mm	TK =	2100 mm
L6 =	1012 mm	X =	1277 mm
		Y =	712 mm
		Z =	2240 mm

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#### 5.3 Lamp sets

#### **WARNING!**

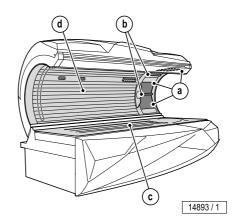


The conformity declaration applies for the specified lamps and filer panels. The use of other lamps and filter panels voids the operating licence.

Moreover, the lamps must be marked with a matching equivalence key, see attachment page 78.

The UV lamps used are broadband radiators that can be operated with different wattages (approx. 240-520 W).

# 5.3.1 INSPIRATION 500 SMART PERFORMANCE SUPER POWER



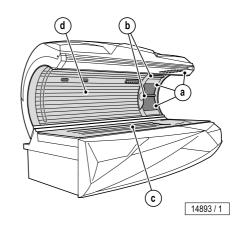
#### Lamp set EN (UV-type 2)

N	lumbe	r Description	Length	Power	Control	Order-no.
a)	3	UV high pressure lamps Ergoline ultra		520W	400 W / 300 W / 0 W	12645
	3	Filter panels Ultra Performance 862				1004204
b)	2	UV low pressure lamps Ergoline TREND 8 W E19		8 W	8 W / 0 W	1508106
	2	Starter S10 (5-65 W)				10047
c)	14	UV low pressure lamps Ergoline TREND 120 W E6	2,00 m	120 W	120 W	1004325
d)	24	UV low pressure lamps Ergoline TREND 100 W E6	1,80 m	100 W	100 W	1003886

Operating instructions – 73/82

# 5.3.2 INSPIRATION 500 SMART PERFORMANCE TWIN POWER





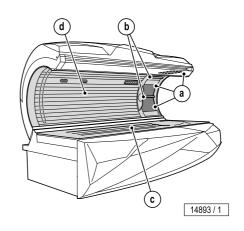
#### Lamp set EN (UV type 2)

1	Numbe	r Description	Length	Power	Control	Order-no.
a)	3	UV high pressure lamps Ergoline ultra		520 W	400 W / 300 W / 0 W	12645
	3	Filter panels Ultra Performance 862				1004204
b)	2	UV low pressure lamps Ergoline TREND 8 W E19		8 W	8 W / 0 W	1508106
	2	Starter S10 (5-65 W)				10047
c)	14	UV low pressure lamps Ergoline TREND 120 W E6	2,00 m	140 W	120 W	1004325
d)	24	UV low pressure lamps Ergoline TREND 160 W E6	1,80 m	160 W	160 W	1003883

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# 5.3.3 INSPIRATION 500 SMART PERFORMANCE TURBO POWER

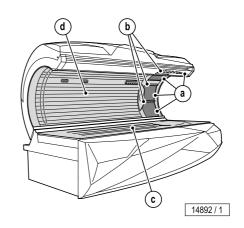


#### Lamp set EN (UV type 2)

1	Numbe	r Description	Length	Power	Control	Order-no.
a)	3	UV high pressure lamps Ergoline ultra		520 W	400 W / 300 W / 0 W	12645
	3	Filter panels Ultra Performance 862				1004204
b)	2	UV low pressure lamps Ergoline TREND 8 W E19		8 W	8 W / 0 W	1508106
	2	Starter S10 (5-65 W)				10047
c)	14	UV low pressure lamps Ergoline TREND 180 W E6	2,00 m	180 W	160 W	1003888
d)	24	UV low pressure lamps Ergoline TREND 160 W E6	1,80 m	160 W	160 W	1003883

# 5.3.4 INSPIRATION 600 SMART PERFORMANCE TWIN POWER





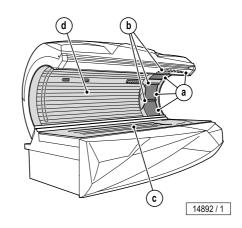
## Lamp set EN (UV type 2)

ı	Numbe	er Description	Length	Power	Control	Order-no.
a)	4	UV high pressure lamps Ergoline ultra		520 W	400 W / 300 W / 0 W	12645
	4	Filter panels Ultra Performance 862				1004204
b)	3	UV low pressure lamps Ergoline TREND 8 W E4		8 W	8 W / 0 W	1503760
	3	Starter S10 (5-65 W)				10047
c)	16	UV low pressure lamps Ergoline TREND 140 W E6	2,00 m	140 W	140 W	1004325
d)	26	UV low pressure lamps Ergoline TREND 160 W E5	1,80 m	160 W	160 W	1005342

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# 5.3.5 INSPIRATION 600 DYNAMIC PERFORMANCE

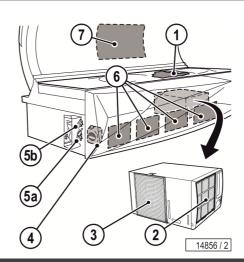


#### Lamp set EN (UV type 2)

ı	Numbe	er Description	Length	Power	Control	Order-no.
a)	4	UV high pressure lamps Ergoline ultra		520 W	400 W / 300 W / 0 W	12645
	4	Filter panels Ultra Performance 862				1004204
b)	3	UV low pressure lamps Ergoline TREND 8 W E4 Starter S10 (5-65 W)		8 W	8 W / 0 W	1503760 10047
c)	16	UV low pressure lamps	2,00 m	180 W	80 W – 200 W	1504250
c)	10	Ergoline TREND 160 W E5	2,00 111	100 44	00 VV — 200 VV	1304230
d)	26	UV low pressure lamps Ergoline TREND DYNAMIC 180 W E5	1,80 m	180 W	80 W – 200 W	1508109

## 5.4 Spare parts and accessories





	Number	Description	Order-no.
1	1	Partition	1501870
2	1	Filter mat	-
3	1	Filter	51937
4	1	AQUA SYSTEM, 6000 ml	1010506
5 a) b)	1	AROMA, 100 ml CABIN RELAX	701358 701357
6	4	Filter	52104
7	1	Filter mat	1013452
	1	Protective goggles	84592
	1	AUX cable	1001855
	1	Allen-key	83828
	1	Chip card	1508122

## 6 Appendix



#### 6.1 JK timer controls

The following coin modules/time control systems can be utilized with the IN-SPIRATION series devices.

MCS III plus

Order no.: 500000456



Studiopilot

Order no.: 34009900



## 6.2 Equivalence key range

Example for calculating the equivalence key range (1), see the lamp configuration sticker:

If the equivalence key of the lamp with which the device has been equipped during the type approval is

100-R-47/3.2,

the equivalence key range with which the device should be marked is calculated as follows:

Bottom value of the X section:  $0.75 \times 47 = 35.25$ Bottom value of the Y section:  $0.85 \times 3.2 = 2.72$ Top value of the Y section:  $1.15 \times 3.2 = 3.68$ 

X is rounded up to the next whole value, Y will be rounded to the first decimal place after the point. The equivalence key range for fluorescent lamps is then:

#### Ergoline ESPRIT 770-S DYNAMIC POWER 18× Ergolins TREND 80-200 W ES 1604250-100-R- •-(35-47)/(2,7-3,7) 100-R- e 2 8x Ergotine TREND 80-200 W ES 1504250-(35-47)/(2,7-3,7) 3 22% Ergoline TREND 80-200 W ES 1804250-(35-47)/(2,7-3,7) 2x 2x ULTRA PERFORMANCE 862 ULTRA PERFORMANCE 862 1007843 **(4)** 3x Ergoline TRENO 8 W 69 1803863-(5) Ergodine TREND 80-200 W E5 . 100-R- **●** (35-47)/(2,7-3,7) Ergodine ULTRA 250 W EM 6 IN THE PERFORMANCE SEC 1800635 oos. Estr 0,3 Wite JK-Products GmbH / GERMANY 1003066-01

#### 100-R-(35-47)/(2.7-3.7)

#### 13192 / 0

# 6.2.1 Description of the equivalence keys for UV fluorescent lamps

The equivalence key for UV fluorescent lamps for tanning that is represented in detail in the IEC 61228 and that is marked on the lamp in a readable and permanent manner, is described in the following.

The equivalence key has the following structure:

Wattage – Reflector type key – UV key.

The following reflector type key should be used for the equivalence key:

O with lamps without reflector;

B with lamps that have a wide reflecting angle  $\alpha > 230^{\circ}$ ;

N with lamps that have a narrow reflecting angle  $\alpha$  < 200°;

R with lamps that have the usual reflecting angle  $200^{\circ} \le \alpha \le 230^{\circ}$ .

The following UV key should be used for the equivalence key:

UV key = X/Y;

X = the entire effective erythematic UV radiation strength across the range 250 nm to 400 nm;

Y = the relationship of the non-melanoma skin cancer effective UV radiation strength  $\leq$  320 nm and > 320 nm.

X is specified in mW/m² and rounded up to the next whole value, Y will be rounded to the first decimal place after the point. The effective values apply for a distance of 25 cm and under the conditions of an optimum UV radiation strength.

#### Note

One example for an equivalence key is specified below:

- 100 W reflector lamp with a reflector angle of 220°
- erythematic UV radiation strength (250 nm to 400 nm) = 47 mW/m²
- short wave NMSC effective UV radiation strength (≤ 320 nm) = 61 mW/m²
- long wave NMSC effective UV radiation strength (> 320 nm) = 19 mW/m²
- lamp equivalence key: 100–R–47/3.2

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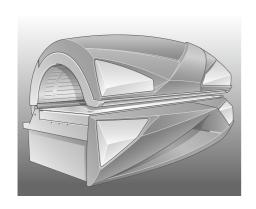
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Ergoline

# INSPIRATION - SERIES DYNAMIC PERFORMANCE SMART PERFORMANCE

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