

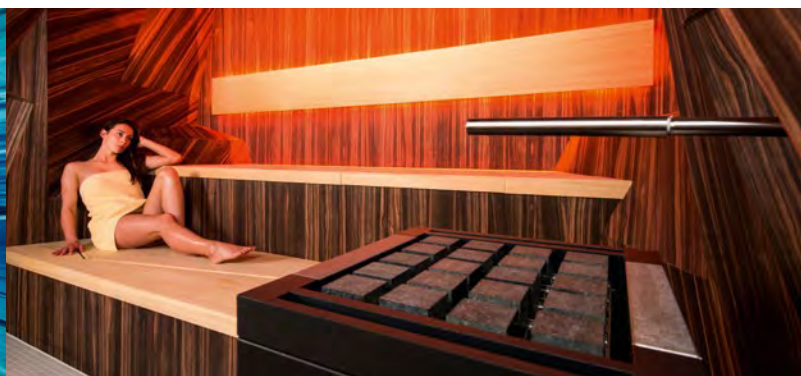
The better solution.



WDT
Werner Dosiertechnik

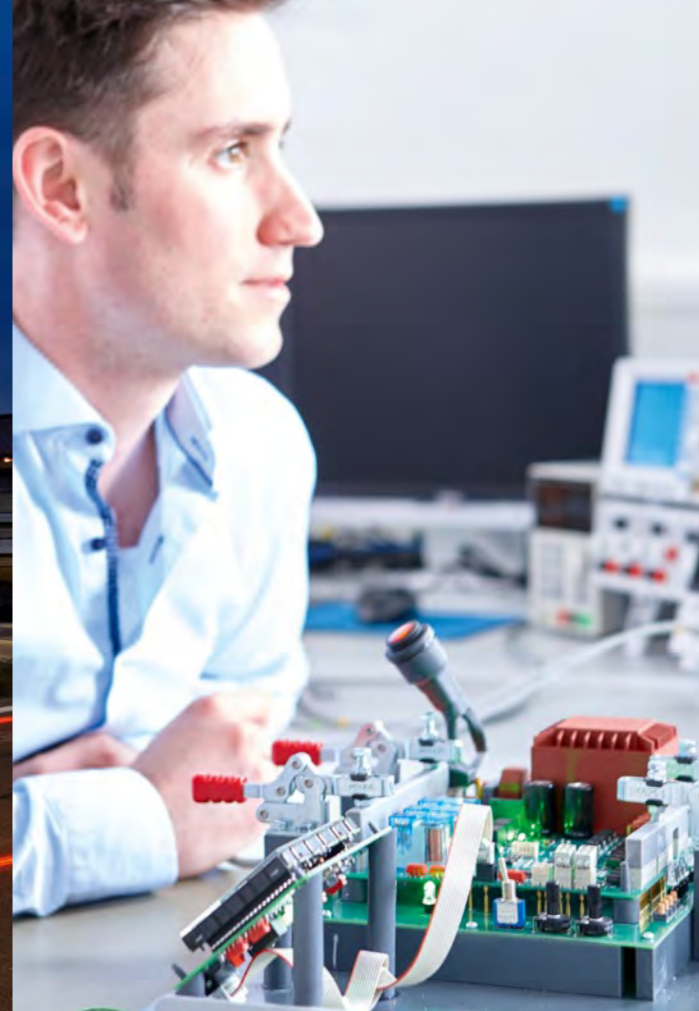
PRODUCT CATALOGUE

SWIMMING POOL | WELLNESS





WDT
Werner Dosiertchnik



The better solution.

Our company's philosophy is to have better solutions through dialogue and constructive discussion. The basis for the design of our measuring, controlling and dosing systems for swimming pools, wellness facilities and drinking/waste water treatment is our extensive know-how as well as a constant exchange of ideas with our partners. Our willingness to embrace change and our flexibility allow us to quickly react to constantly changing markets and customers' demands. This is the main reason for our continuous growth, our lasting partnerships and our worldwide success!

We export 75 % of all of our products. As a privately-owned and managed company we are able to provide our customers with superior quality products and support from well-qualified and motivated staff. WDT's team is the foundation of our success. Due to on-going professional development programmes and training, our 45 employees are always up-to-date with the latest technical developments. That's why they are able to provide solutions for your challenging projects. We work for a common positive future and we do this in a responsible and respectful way!

GERMAN QUALITY since 1986

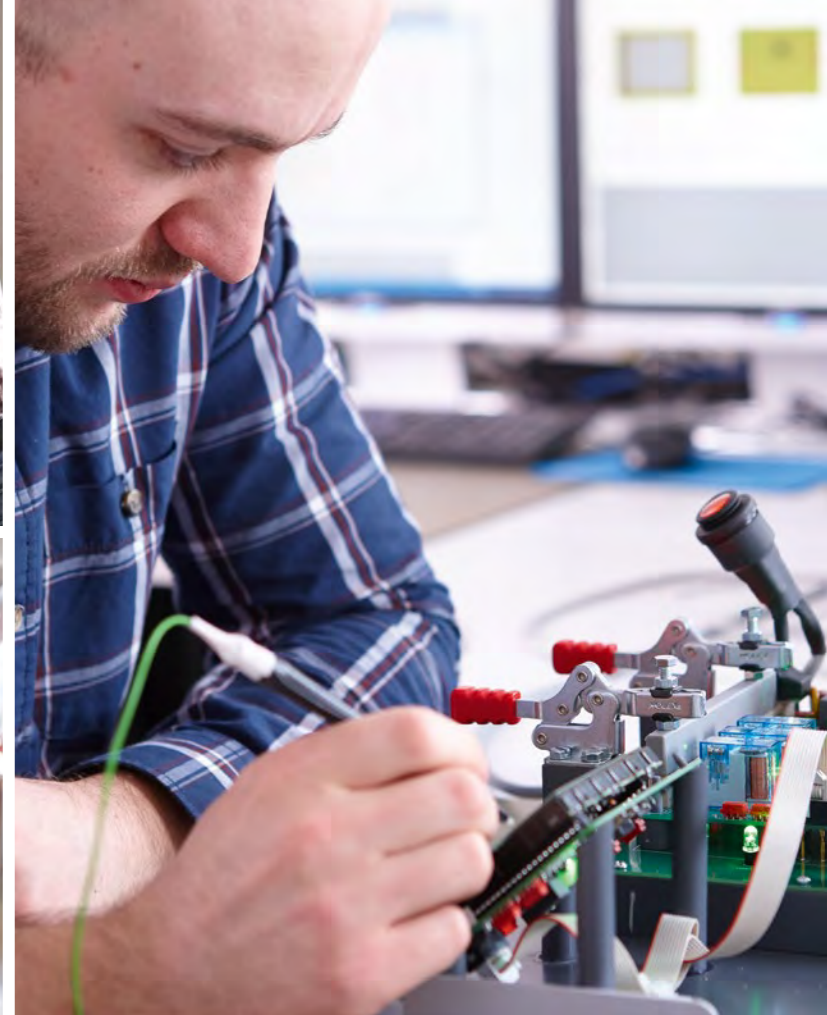
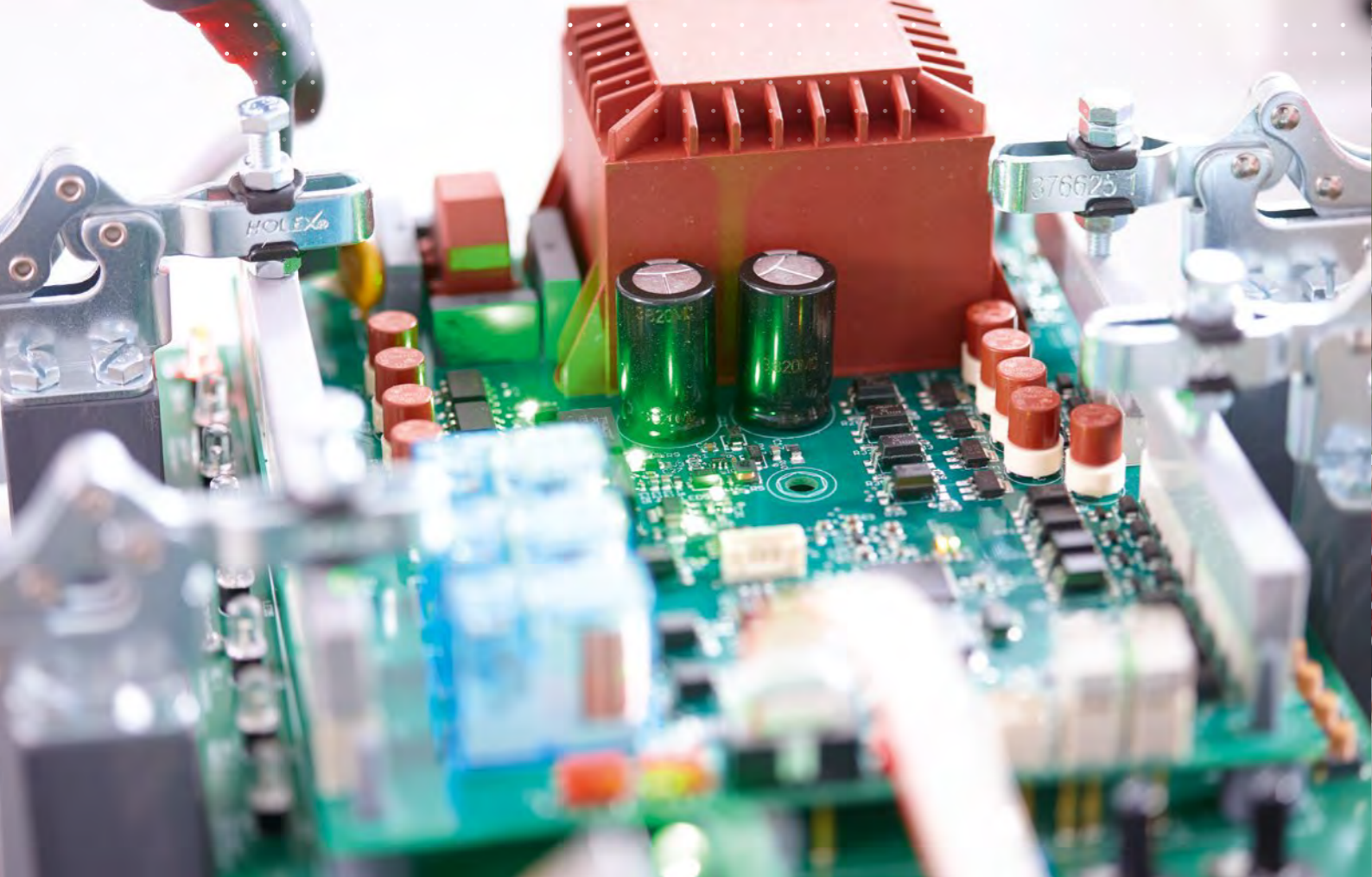
Quality has to be part of a company's mind set before it can be realised. Sophisticated product concepts and technical excellence guarantee highest functionality and quality level for all goods that we produce. From the individual unit to the serial product, we produce 100 % of our products at our factory in Wertingen, Germany. The components we have to buy are sourced under strict quality criteria from respected German and European manufacturers. Our high quality standard is a guarantee for a secure feeling and satisfaction of our customers.

CERTIFICATION

Consistent and reproducible quality standards of our products as well as the continuous improvement of our transparent operating processes are important for us to secure the stability and continuity of our partnerships. For this reason we have introduced a quality management system and have been certified according to ISO 9001 since 2008. This system specifies the strategy and the goals of the company. Furthermore, it is the guideline for our daily work and therefore a fundamental part of our corporate culture.



WATCH OUR CORPORATE VIDEO ON YOUTUBE.



DEVELOPMENT

Competitive technological advancement relies on innovative ideas and further developments which offer the highest grade of functionality, reliability and safety. Whether standard or customized, our systems are developed from the first concept to the programming of the control software exclusively in our company. Whether the input for ideas comes from outside our company or within, we put them into reality by developing reliable, user-friendly products that ensure the best water quality and the well-being of guests in swimming pools and wellness facilities.

PRODUCTION





The primary prerequisite for a smooth production process is an optimized management of material which enables us to have short delivery times. Only qualified employees work in the fully manual production of our equipment. Every product that leaves our house – in total several thousand per year – is individually tested in our special testing facilities. From consultation, conception, planning, production and logistics, our 45 team members work with the fullest conviction and engagement for you during all stages of our cooperation.

SERVICE

A cooperative partnership also means for us to support our customer after our equipment has been installed. Our technicians gladly provide telephone support to answer your questions. You will get a quick, reliable and helpful information ten hours per day. Furthermore, we transfer our experience and know-how to you by giving product trainings for the installation, handling and maintenance of your new product.

Beside the frequent reliable functionality of our products we have put the focus in the development on a modern control concept and the design of the products during the last years. This strategy is the platform to expand our strong market position in times of a very dynamical technological change.

The following characteristics/possibilities are NEW:

-  User friendly optimization by the use of intuitive Touch systems.
-  Web visualisation by the use of smartphone, tablet or PC at units with 7" Touch.
-  Easily maintained by the clearer arrangement of the components.
-  Appealing product design. The look of a product is becoming more and more important for a buyers decision making.



DRINKING AND WASTE WATER

The WDT product division drinking and waste water

One challenge for the future of mankind is the economical and efficient handling of water. The careful treatment of this diminishing and valuable natural resource is becoming more and more important in the drinking and waste water industry. The effective disinfection and cleaning of the water plays an important role in this business.

Using our experience from dosing of granulate and powder for swimming pools, WDT developed and manufactured systems for the dosing of powdered carbon for the waste water treatment already in the mid-nineties. Nowadays we are able to offer economical and sophisticated dosing techniques for nearly every size of drinking and waste water plant in the municipal or industrial sector.

We are your reliable and professional partner in the following sectors:



Disinfection with chlorine granulate

- Dosing of chlorine granulate for the water disinfection



Powder dosing

- Dosing of activated carbon powder for the elimination of organic impurities from the raw water
- Dosing of lime powder for neutralization of waste water
- Dust-free dosing of diatomite for precoated filters



Dosing pumps

- Dosing of flocculent



You find details of our products for drinking and waste water treatment on our website.



SWIMMING POOL



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30 Dosing of Salt & Bicarbonate – SELDOS / HÄRTE+



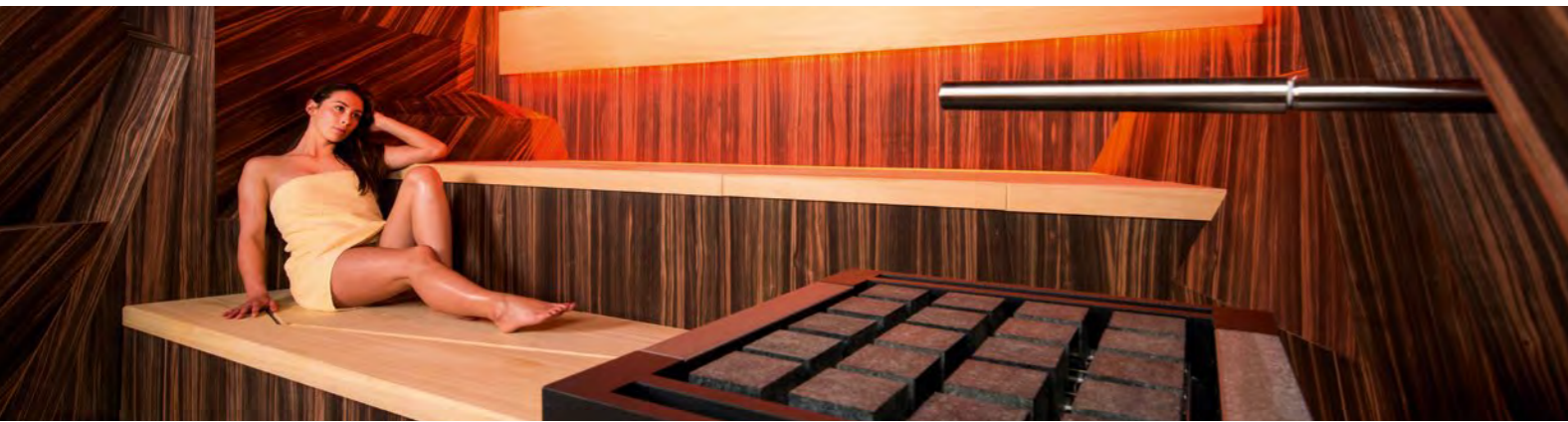
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WELLNESS



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WELLNESS



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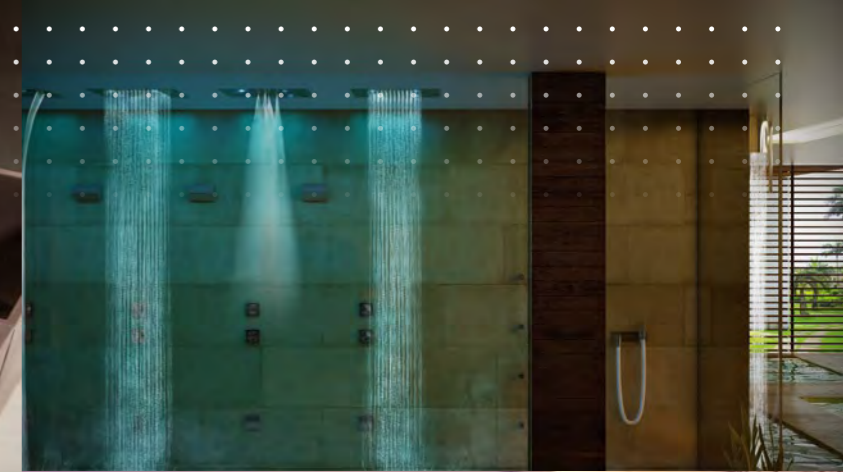
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WELLNESS



The better solution.



Relax, experience, regenerate. Due to the trend to improve the quality of life, the number of wellness & spa centers in the private and public sector has increased enormously over the last years. As a result, technical equipment for wellness facilities has become a main pillar of WDT's business activities.

Our product range for dosing, control and attraction systems is a compilation of ideas from all over the world which have inspired us. We are always ready for new challenges from our customers! Technical equipment for a perfect room climate, color light effects and beneficial

aroma experiences are only a small part of what we produce. Of course, all our products offer you the highest functionality and safety levels.

Our experiences and our know-how guarantee you professional consultation about the technical requirements and perfect service.



48 Experience Showers



82 Technique for steam rooms



98 Technique for Saunas



104 Nebulisation of brine solution



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120 Touch screen controllers



124 Fragrances, Brine solution, Foam agent



Technique for Saunas

Only an aromatic sauna splash creates a perfect sauna experience!

Our automatic water and aroma splash system for sauna heaters is an important product of our portfolio. An automatic sauna splash helps to increase the efficiency and safety of the operation of a sauna in which the splash is offered. The splash procedure takes place reliably in defined time intervals and with a specified intensity. Due to this fact, an over-dosing of fragrance is avoided. Furthermore, the water quantity of the splash can be easily adapted to the capacity of the sauna heater. This helps to prevent unpleasant water puddles below the heater and unnecessary wear on the sauna stove.

Our LED illumination systems that are designed and produced especially for saunas round off the package with the special lighting effect your customers won't forget. A glass rod decouples the LED illuminant from the hot sauna temperatures. This system allows the use of up-to-date LED techniques in saunas.

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99 Automatic sauna splash SAUNA-PLUS 8

103 LED RGB illumination



SAUNA-PLUS 8

FUNCTION DESCRIPTION

Dosing system for an automatic sauna-splash with fragrance and water. The system is available with one up to four aroma pumps. The sauna-splash-systems has 3 operation modes: cyclic-, clock timer- and push-button operation. The operation and splash times can be saved individually in the integrated week-program. Operation and visualisation via 3.2" full color Touch-Display. In addition to the standard settings like water-, aroma quantity and splash time the system offers many additional adjustable parameters. Different aromas can be assigned to single splashes in individual quantities for example. Furthermore a splash pre-indication can be connected or the splash can be combined with light and sound effects. Another feature is to send a signal from the system to the heater to activate the pre-heating before the splash. The controller includes several password protected authorisation levels. Each level allows different settings.

SCOPE OF DELIVERY

- Controller with 3.2" Touch installed in housing
- Peristaltic pump SA for fragrance concentrate
- Mounting board with console for max. 5 l fragrance canister
- Supply with ball valve 1/2" female thread and pre-filter
- Tube aerator according to EN1717
- Solenoid valve VA 1/4
- Pressure monitoring
- Dosing tube with dosing valve 3/8" stainless steel
- Outlet 3/8" female thread
- Splash sprinkler 3/8" female thread
- Design cover

TECHNICAL DATA

Electrical supply	230 V/AC 50 Hz
Power supply	max. 50 W
Water supply	1/2" IG
Water outlet	3/8" IG
Water quantity	app. 2,5 l/min
Measures	W 47 cm x H 71 cm x D 24 cm
Weight	app. 15 kg
Temperature range	+10°C bis +35°C
Protection class	IP44



TO BE PROVIDED BY THE BUILDER

- Plants room for the installation of the control panel
- Power socket 230 V
- Water connection cold 1/2"
- Needed pressure: 2 bar dynamic
- Water quantity: 2,5 l/min
- 3/8" tubing to the sprinkler
- Drain in the plants room

The unit has to be installed on a higher level than the sprinkler. If this is not possible or if the tubing tends upwards, a non-return valve EN1717 has to be installed in the supply!

ACCESSORIES / OPTIONS

To be ordered separately:

- Grommet part-no. 15214 (Photo shows sprinkler and grommet)



- Splash sprinkler available in special length and shapes
- Effect illumination
- MP3-Player +loudspeaker
- Push button plate
- Sauna splash connection set consisting of:
 - 10 meter PTFE dosing tube
 - tube adapter Sauna Plus 3/8" x 6 x 1
 - tube adapter splash nozzle 3/8" x 6 x 1
 - 3/8" angle female/male thread





LED RGB SPOTS AND MOUNTING SLEEVES

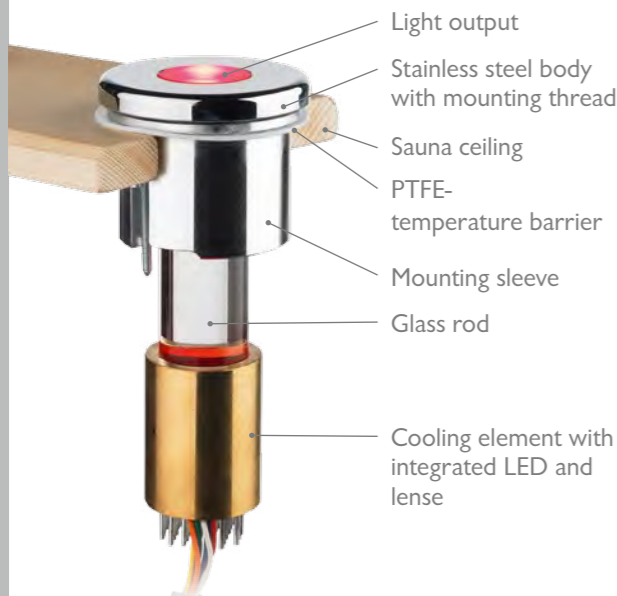
FUNCTION DESCRIPTION

The spots have been especially developed for the use in saunas. The protection class is IP65 and they are operated with low voltage. Furthermore the light bulb can be exchanged easily when the spots are already installed and sealed in. The spots are available in RGB or warm white. An easy installation is ensured as the spots are prepared for plug and play.

SCOPE OF DELIVERY

- Spot LED-RGB 3 x 1 Watt multicolor IP65 stainless steel chrome plated or alu coated (color on demand)
- Lense and glass rod (optical fiber)
- Installation boring 50 mm
- Cover 60 mm outer diameter
- Mounting sleeve Alu D 50 x 40 mm with crawls
- Incl. connection cable 20 cm JST
- PTFE temperature barrier
- Cooling element

ASSEMBLY:



TECHNICAL DATA

Control signal	350 mA constant current
Power supply	3 x 1 W
Light colors	Red - Green - Blue
Installation boring	50 mm
Weight	app. 0.45 kg
Installation depth	150 mm
Diameter of the cover	60 mm

ACCESSORIES / OPTIONS

- The spots are connected in serial. For the connection of the single spots there are extension cables available: 1.5 - 2.5 - 5.0 - 7.0 m.
- Also available in warm white with app. 2700 K

LED RGB CONTROLLER / TRANSFORMER FOR SPOTS

FUNCTION DESCRIPTION

Controller for LED RGB spots with an operation current of 350 mA. You can connect up to 10 pieces of 3 x 1 W spots to one RGB controller. The controller can realise 15 different light programmes in combination with the RGB spots for example: White, Red, Green, Blue, Red-Green color change, Blue-Green color change, Red-Green-Blue color change, Flashlights etc. The setting of the light programmes is done by a code switch. Optionally the light controller can be controlled externally by a four-digit digital code. The connected spotlights can be dimmed by a 2nd poti at the control housing.

If more than 10 spots are required the controller can be extended by „Slave“ module(s). These modules are then connected by a data BUS. This connection leads to synchronic color effects of the whole illumination.

SCOPE OF DELIVERY

- LED RGB control board installed in housing
- Code switch for the setting of the desired light programme
- Poti for the manual dimming of the connected spotlights
- 7 m cable from the controller to the 1st spot
- 1.5 m power supply cable with Euro plug



TECHNICAL DATA

Electrical supply	230 V/AC 50-60 Hz
Power supply	42 VA / 0,4 A
Operation temperature range	0 to +50 °C
Weight	1.5 kg
Measures	W 13 cm x H 18 cm x D 9 cm

ACCESSORIES / OPTIONS

- Transformer for static colors only (Red - Green - Blue - Warm white)
- Controller with 700 mA
- Slave controller for external control/ color choice by a 4 digit HEX code





LINELIGHTS / LIGHT BATTENS

FUNCTION DESCRIPTION

LED-RGB linelights with an operating voltage of 12 V/DC. Useful for temperatures up to 60°C. Ideal for illumination under the benches of the Sauna. Available with frame (for the installation in visible areas) and aluminum profile (for indirect illumination). Line-lights are produced and tested according to order in the desired length.

SCOPE OF DELIVERY

The linelights are available in 2 versions:

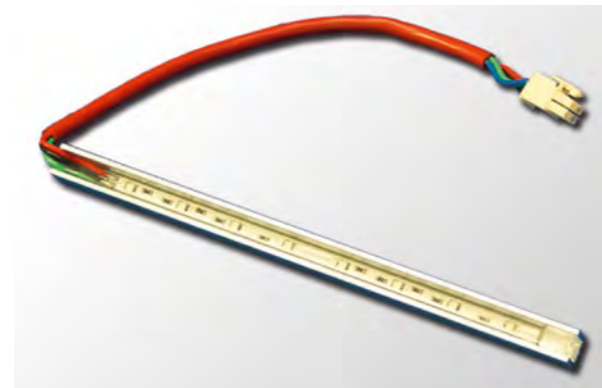
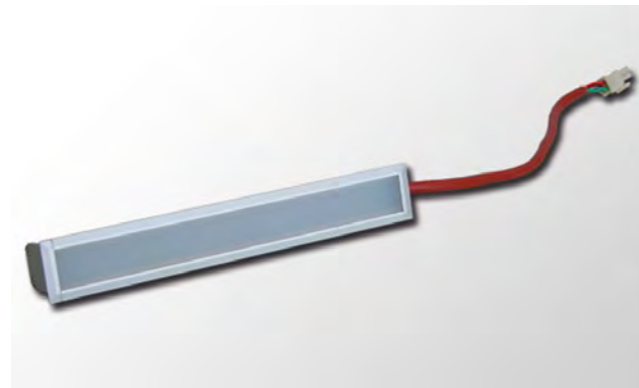
LED-RGB Linelight frame IP 65

- Equipped with SMD-RGB LEDs
- Aluminum profile: W = 30 x H = 32 x L = XX mm
- Cut-out: W = 24 x H = 32 x L = XX mm
- Temperature range: -20°C bis +60°C max.
- Incl. connecting cable and plug
- Available lengths from 119 mm up to 3000 mm



LED-RGB Linelight Aluprofile IP 65

- Equipped with SMD-RGB LEDs
- Aluminum profile: B = 12 x H = 12 x L = XX mm
- Cut-out: W = 12 x H = 12 x L = XX mm
- Temperature range: -20°C bis +60°C max.
- Incl. connecting cable and plug
- Available lengths from 119 mm up to 3000 mm



ACCESSORIES / OPTIONS

- Also available in warm white with app. 2700 K
- Extension cables incl. connector
- Y-cable 4-poles incl. connector

LED RGB CONTROLLER / TRANSFORMER FOR LINELIGHTS

FUNCTION DESCRIPTION

Controller for LED-RGB linelights with a working voltage of 12 V/DC (optionally 24 V/DC). You can connect up to app. 5 m of linelights (max. 105 W) to one controller. The controller can realise 15 different light programmes in combination with the RGB linelights: White, Red, Green, Blue, Red-Green color change, Blue-Green color change, Red- Green-Blue color change, Flashlights etc. The setting of the light programmes is done by a code switch at the housing. Optionally the light controller can be controlled externally by a four-digit digital code.

If more than 105 W are required the controller can be extended by an extension module.

SCOPE OF DELIVERY

- LED RGB control board installed in housing
- Code switch for the setting of the desired light programme
- 1.5 m power supply cable with Euro plug



TECHNICAL DATA

Electrical supply	230 V/AC 50-60 Hz
Power supply	150 VA/0,8A
Operation temperature range	0 to +40 °C
Weight	2.8 kg
Measures	W 26 cm x H 22 cm x D 11 cm

ACCESSORIES / OPTIONS

- Transformer for static colors only (Red - Green - Blue - Warm white)
- Slave controller for external control/ color choice by a 4 digit HEX code
- Controller for 24 V/DC linelights
- Controller for the synchronisation of spot- and line-lights: 1 x output 12 V/DC respectively 24 V/DC for linelights/ 1 x output 350 mA for spotlights





Nebulisation of brine solution

The positive influence of brine and salt for human beings is undisputed in general as well as in medical science. It has a healing effect in case of skin and respiratory diseases. Mankind has used the mineral (mainly dissolved as brine solution) since thousands of years as a cure.

Our systems for the nebulisation of brine solution are mainly used in wellness applications to create a salty sea climate in steam rooms, infrared cabins, salt grottos etc. In the context of a brine therapy the usage of such applications can be a supporting element.

As the nebulised brine solution is breathed in as an aerosol it is imperatively necessary, that the used system is hygienically unobjectionable and that bacterial impact will be prevented. For this reason the brine solution of WDT is sterilised with hydrogen peroxide and packed air-tight. Furthermore a disinfection programme to keep the system absolutely clean is included.

Besides the high hygienical standards our systems are characterised by an easy installation and operation.

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105 For steam rooms

106 For dry rooms

SOLDOS-V3

FUNCTION DESCRIPTION

Nebulisation of brine solution to create a salty sea climate for steam rooms. The SOLDOS is spraying fine nebulised, sterile brine solution into steam rooms. After a short time you get a salty sea climate in the room. The dosing capacity is sufficient for rooms with a floor space of app. 25 m². The brine solution is primed out of an air sealed bag (Politainer). This bag interfolds when the liquid brine solution is taken out. This procedure prevents the contamination of the solution with germs of the ambient air. Then it is pressed through a very fine nozzle by a high-pressure solenoid diaphragm pump and nebulised. Furthermore a disinfection system is integrated. Operation via 3,2" full color Touch display with a multitude of new possibilities:

- Operation modes: cyclic operation, push button operation or operation via external control
- Week-program for the definition of the individual operation times per day
- Combination of the salt spray with light and sound effects
- Pressure monitoring for filling level brine and blockage of the nozzle
- Day counter for the indication of a possible necessary disinfection and visual description of this procedure
- Definition of several authorisation levels. Each level allows different settings

SCOPE OF DELIVERY

- Controller with 3,2" Touch installed in housing
- Motor diaphragm pump, low noise
- Mounting board with console for brine bag
- Nozzle stainless steel V4A with cover screen PE
- Mounting sleeve and 5 m dosing tube PTFE
- Disinfection set with disinfection tablet, mixing bottle and recipient
- 5 kg (optionally 1 kg) sterile brine solution in Politainer
- Design cover

TECHNICAL DATA

Area of application	Steam rooms
Electrical supply	230 V/AC 50 Hz
Power supply	350 W
Measures	W 47 cm x H 71 cm x D 24 cm
Empty weight / operational weight	app. 15 kg / 20 kg
Temperature range	+10°C bis +35°C
Protection class	IP44
Nebulisation performance brine	app. 100 ml/min



TO BE PROVIDED BY THE BUILDER

- Plants room for the installation of system
- Power socket 230 V

POINTS TO BE CONSIDERED BEFORE THE INSTALLATION:

- Before the installation of a SOLDOS all materials have to be checked on their corrosion resistance against the saline mixture of water and air both in the adequate steam cabinet and additionally in the ventilation pipework.
- The SOLDOS is not licensed for medical purpose.
- Use only pure, disinfected WDT brine solution with a salt concentration of app. 5%. WDT brine solution is delivered in a sterile condition in a closed bag. Outstanding brine solution is affected by bacterial impact and so should not be used.
- In order to prevent drainage of the Politainer, the nozzle has to be installed on a higher level than the SOLDOS. If this is not possible a spring loaded non-return valve has to be installed in the dosing tube.
- The SOLDOS-V3 is not useful for dry rooms (Tepidarium etc.). For this purpose we recommend to use the SOLDOS-SL or SOLFOG.

ACCESSORIES / OPTIONS

- Push button plate with bonnet for flush mounting
- 2nd pump and nozzle for cabinets with a bigger surface square of 25 m²
- Illumination
- MP3 player and speakers
- Nozzle cover screen in stainless steel



SOLDOS SL-V3

FUNCTION DESCRIPTION

Nebulisation of brine solution to create a salty sea climate for dry rooms. The Soldos-SL is spraying a very fine nebulised, sterile brine solution into dry rooms. After a short time you get a salty sea climate in the room. The dosing capacity is sufficient for rooms with a floor space of app. 35 m². The brine solution is primed out of an air sealed bag (Politainer) by a peristaltic pump and conveyed to a two-component jet nozzle where it is nebulised very fine by adding compressed air. This brine mist is then sprayed into the room. The Politainer inter-folds when the liquid brine solution is taken out. This procedure prevents the contamination of the solution with germs of the ambient air. Furthermore a disinfection system is integrated. Operation via 3,2" full color Touch display with a multitude of new possibilities:

- Operation modes: cyclic operation, push button operation or operation via external control
- Week-program for the definition of the individual operation times per day
- Combination of the salt spray with light and sound effects
- Empty switch for a switch-off of the system when brine will get empty
- Day counter for the indication of a possible necessary disinfection and visual description of this procedure
- Definition of several authorisation levels. Each level allows different settings

SCOPE OF DELIVERY

- Controller with 3,2" Touch installed in housing
- Peristaltic pump SA with rpm control for the adjustment of the dosing quantity / salt concentration
- Water separator
- Mounting board with console for brine bag
- Solenoid piston compressor (to be placed on the floor)
- Two-component jet nozzle stainless steel V4A with cover screen, mounting sleeve, 5 m air tube PE and 5 m brine tube PTFE
- Disinfection set with disinfection tab, mixing bottle and recipient
- 5 kg (optionally 1 kg) sterile brine solution in brine bag
- Design cover

Nozzle with mounting sleeve



Compressor



TECHNICAL DATA

Area of application	Tepidariums, saunas, salt rooms
Electrical supply	230 V/AC 50 Hz
Power supply	455 W
Measures dosing system	W 47 cm x H 71 cm x D 24 cm
Measures compressor	W 24 cm x H 25 cm x D 16 cm
Empty weight / operational weight	app. 20 kg / 25 kg
Sound emission in the plants room	80 dBA
Sound emission in one meter distance to the nozzle	70 dBA
Temperature range	+10°C bis +35°C
Protection class	IP44
Nebulisation performance brine	app. 0,32l brine/h at 40 s dosing time and 5 min pause time

TO BE PROVIDED BY THE BUILDER

- Plants room for the installation of system
- Power socket 230 V

POINTS TO BE CONSIDERED BEFORE THE INSTALLATION:

- Before the installation of a SOLDOS all materials have to be checked on their corrosion resistance against the saline mixture of water and air both in the adequate room and additionally in the ventilation pipework.
- The SOLDOS is not licensed for medical purpose.
- Use only pure, disinfected WDT brine solution with a salt concentration of app. 5%. WDT brine solution is delivered in a sterile condition in a closed bag. Outstanding brine solution is affected by bacterial impact and so should not be used.

ACCESSORIES / OPTIONS

- Push button plate with bonnet for flush mounting
- 2nd pump and nozzle for cabinets with a bigger surface square of 35 m²
- Illumination
- MP3 player and speakers
- Nozzle cover screen in stainless steel

SOLFOG – BRINE MIST MAKER

FUNCTION DESCRIPTION

The SOLFOG generates a very fine, dry fog made of ultrapure brine solution by a ultrasonic fog maker. This dense fog is delivered to the room through an airstream that is produced in the unit. Thereby a salty sea climate is created in the according room. The brine solution is primed out of an air sealed bag (Politainer). This bag inter-folds when the liquid brine solution is taken out. This procedure prevents the contamination of the solution with germs of the ambient air. A salty room climate is said to support the healing process in case of respiratory problems and skin diseases. Additionally the according room can be aromatised by the system. For this reason aroma oil concentrate is evaporated in the system and the aromatised air is blown into the room together with the salty fog.

SCOPE OF DELIVERY

- Micro processor controller UNPL in housing
- Potis for the adjustment of the single parameters
- Peristaltic pump SR10 for brine feeding
- Ventilator
- Ultra sonic fog maker
- Mounting board with console for brine bag
- Disinfection set with disinfection tablet, mixing bottle and recipient
- 5 kg sterile brine solution in politainer



TECHNICAL DATA

Area of application	Relax rooms, infrared saunas, salt rooms
Electrical supply	230 V/AC 50 Hz
Power supply	50 W
Measures	W 65 cm x H 100 cm x D 22 cm
Empty weight / operational weight	app. 15 kg / 20 kg
Temperature range	+10°C until +35°C
Protection class	IP42
Nebulisation performance brine	app. 0,07l brine/h at 40 s dosing time and 5 min pause time

TO BE PROVIDED BY THE BUILDER

- Plants room for the installation of system
- Power socket 230 V
- Tubing to the room

POINTS TO BE CONSIDERED BEFORE THE INSTALLATION:

- Before the installation of a SOLFOG all materials have to be checked on their corrosion resistance against the saline climate, even the ventilation pipework.
- The SOLFOG is not licensed for medical purpose.
- Use only pure, disinfected WDT brine solution with a salt concentration of app. 5%. WDT brine solution is delivered in a sterile condition in a closed bag. Outstanding brine solution is affected by bacterial impact and so should not be used.
- The SOLFOG is only useful for rooms with a max. temperature of app. 60°C.

ACCESSORIES / OPTIONS

- Push button plate with bonnet for flush mounting
- Cover screen for fog outlet
- Aroma





Room aromatization

Pleasant aroma increases the recreational value of a wellness treatment. For the aromatization of dry rooms like relaxation areas, tepidariums, calariums and infra-red cabinets, you can only use air as a carrier medium of the aroma. Our systems for room aromatization have been especially developed for this application.

Our equipment is designed to use the principle of evaporation. Air is blown over the surface of a fragrance oil concentrate and it evaporates the volatile parts of the oil. This aromatized air is then conveyed into the room by a small compressor or a blower. Because of this process, no aroma aerosol has to be sprayed into the room. So no residue of the fragrance is present around the aroma outlet or in the room. The low-volatile parts of the fragrance settle to the bottom of the aroma bottle. This bottle can be changed or re-filled very easily and cleanly. The systems work up to a room temperature of app. 50°C and are available for one or several aromas to choose from.

13267- AEROM POWER



FUNCTION DESCRIPTION

Unit for the aromatization of rooms up to a volume of app. 100 m³. For the installation in the room that has to be aromatized. A small blower blows air over the surface of a fragrance concentrate that is filled into a little bottle. The fragrance concentrate evaporates and is blown into the room. The intensity of the aroma can be adjusted by a rotary knob at the housing.

SCOPE OF DELIVERY

- Micro-processor controller DS
- Ventilator
- Bottle adapter
- PET-bottle 250 ml
- Filter star 60 x 8 for the increase of the surface
- Housing with all components installed

TECHNICAL DATA

Electrical supply	230 V/AC 50 Hz
Power supply	app. 10 W
Evaporation performance max.	app. 20 ml of aroma in 24 h (depending on the aroma)
Measures	W 13 cm x H 23 cm x D 11 cm
Weight	app. 2 kg

TO BE PROVIDED BY THE BUILDER

- Useful for rooms with a max. temperature of 50°C

ACCESSORIES / OPTIONS

- Fragrance

17108- DUFTDOS-AK1-0



FUNCTION DESCRIPTION

Unit for the aromatization of Tepidariums, Caldariums, Infra-Red Saunas etc. for cabinets of app. 50 m³ volume. For the installation in the plants room. A small compressor blows air over the surface of a fragrance concentrate that is filled into a little bottle. The fragrance concentrate evaporates and is transported into the room by a tube 6 x 1 (max. 5 meters).

To be controlled externally by 230 V on/off.

SCOPE OF DELIVERY

- Compressor 7006 AC
- Bottle adapter
- PET-bottle 250 ml
- Filter star 60 x 8 for the increase of the surface
- Housing with all components installed
- Injection nozzle for cabinets and 5 m dosing tube PE 6x1



TECHNICAL DATA

Electrical supply	230 V/AC 50 Hz
Power supply	app. 60 W
Evaporation performance max.	app. 5 ml of aroma in 24 h (depending on the aroma)
Measures	W 25 cm x H 50 cm x D 13 cm
Weight	app. 4 kg

TO BE PROVIDED BY THE BUILDER

- Useful for rooms with a max. temperature of 50°C
- Control signal 230 V on/off

ACCESSORIES / OPTIONS

- Fragrance





18876-1-DUFTDOS- -AK1-UNPL



FUNCTION DESCRIPTION

Unit for the aromatization of Tepidariums, Caldariums, Infra-Red Saunas etc. with intensity control for cabinets of app. 50 m³ volume. For the installation in the plants room. A small compressor blows air over the surface of a fragrance concentrate that is filled into a little bottle. The fragrance concentrate evaporates and is transported into the room by a tube 6 x 1 (max. 5 meters).

The pause and dosing times are adjusted by 2 rotary knobs at the control housing.

SCOPE OF DELIVERY

- Microprocessor controller UNPL
- Compressor 7006 AC
- Bottle adapter
- PET-bottle 250 ml
- Filter star 60 x 8 for the increase of the surface
- Housing with all components installed
- Injection nozzle for cabinets and 5 m dosing tube PE 6 x 1



TECHNICAL DATA

Electrical supply	230 V/AC 50 Hz
Power supply	app. 60 W
Evaporation performance max.	app. 5 ml of aroma in 24 h (depending on the aroma)
Measures	W 25 cm x H 50 cm x D 13 cm
Weight	app. 4 kg

TO BE PROVIDED BY THE BUILDER

- Useful for rooms with a max. temperature of 50°C

ACCESSORIES / OPTIONS

- Fragrance

13349-1- DUFTDOS- AK3-W-UNPL



FUNCTION DESCRIPTION

Unit for the aromatization of Tepidariums, Caldariums, Infra-Red Saunas etc. with 3 different aromas with intensity control for cabinets of app. 50 m³ volume. For the installation in the plants room. A small compressor blows air over the surface of a fragrance concentrate that is filled into a little bottle. The fragrance concentrate evaporates and is transported into the room by a tube 6 x 1 (max. 5 meters).

The demanded aroma is chosen by a pre-selector switch at the controller of the unit by the operator. After the choice of the aroma it is dosed in adjustable intervals. The dosing performance is adjusted by the pause time and the dosing time by rotary knobs at the housing.

SCOPE OF DELIVERY

- Microprocessor controller UNPL
- Pre-selector switch
- 3 x Compressor 7006 AC
- 3 x Bottle adapter
- 3 x PET-bottle 250 ml
- 3 x Filter star 60 x 8 for the increase of the surface
- Housing with all components installed
- 3 x Injection nozzle for cabinets and 3 x 5 m dosing tube PE 6 x 1

TECHNICAL DATA

Electrical supply	230 V/AC 50 Hz
Power supply	app. 60 W
Evaporation performance max.	app. 5 ml of aroma in 24 h (depending on the aroma)
Measures	W 40 cm x H 40 cm x D 20 cm
Weight	app. 8 kg

TO BE PROVIDED BY THE BUILDER

- Useful for rooms with a max. temperature of 50°C

ACCESSORIES / OPTIONS

- Fragrance
- Also available for 2 or 4 aromas (on demand)

22190-DUFTDOS- AK4-T-EDS1

FUNCTION DESCRIPTION

Unit for the aromatization of Tepidariums, Caldariums, Infra-Red Saunas etc. with 4 different aromas for cabinets of app. 50 m³ volume. For the installation in the plants room. A small compressor blows air over the surface of a fragrance concentrate that is filled into a little bottle. The fragrance concentrate evaporates and is transported into the room by a tube 6 x 1 (max. 5 meters).

The demanded aroma is chosen by the user of the steam room by a push-button. The aroma intensity can be set individually for each aroma at the controller. During the dosing of the demanded aroma the other aroma pumps are locked. After the lapse of the programme the dosing is blocked for 3 minutes.

SCOPE OF DELIVERY

- Microprocessor controller EDS1
- 4 x Compressor 7006 AC in housing
- 4 x Bottle adapter
- 4 x PET-bottle 250 ml
- 4 x Filter star 60 x 8 for the increase of the surface
- Housing with all components installed
- 4 x Injection nozzle for cabinets and 4 x 5 m dosing tube PE 6 x 1



TECHNICAL DATA

Electrical supply	230 V/AC 50 Hz
Power supply	app. 60 W
Evaporation performance max.	app. 5 ml of aroma in 24 h (depending on the aroma)
Measures	W 40 cm x H 40 cm x D 20 cm
Weight	app. 8 kg

TO BE PROVIDED BY THE BUILDER

- Useful for rooms with a max. temperature of 50°C

ACCESSORIES / OPTIONS

- Push button plate with bonnet for flush mounting
- Fragrance
- Available also for 2 or 3 aromas (on demand)





Fragrances, Brine solution, Foam agent

Holistic concepts are the latest trend in wellness and spa facilities. All senses are activated in harmony at the same time (smell, sight, hearing and touch). The human perception of aroma is multisensual. This means that one sense is never perceived in isolation from the other senses. That's why warm water for example is associated with warm colors like red or yellow. The compatible aroma is fruity and strong. Therefore, it is important to have the right aromatization technique and fragrance.

Depending on the application, a suitable carrier medium for the fragrance has to be used to aromatize a room. In steam rooms and experience showers, the fragrance is injected directly in the steam or water tube. In the sauna, fragrance is mixed with water and splashed onto the hot stones. The fragrances that we offer are mixtures of natural and nature identical etheric oils and aromas. To make them dissolvable in water we use solutisers that are also used in the food and cosmetic industry. For each fragrance we provide a corresponding material safety data sheet.

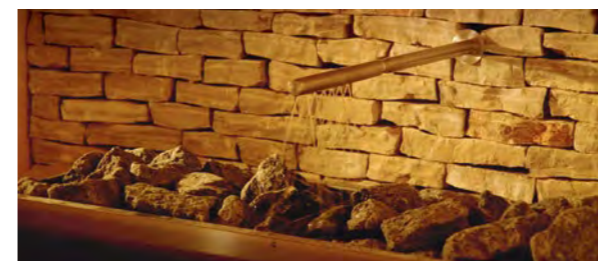
Brine solution is used to create a salty sea climate for wellness applications. Our brine solution is delivered sterile in special air sealed bags (Poltainers) with an expiry date.

The product line is rounded off by pleasant smelling foam agent for Hammam massages. The available scents are rose and hayflower.



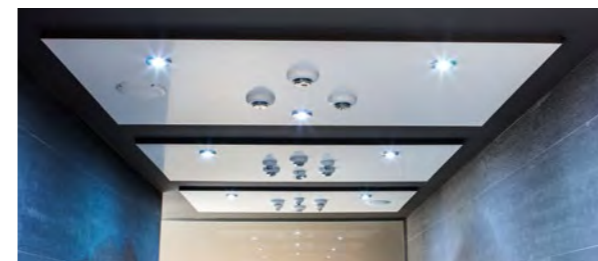
FRAGRANCES FOR STEAM ROOMS

Fragrances for steam rooms, deliverable in 1 l - 3 l - 5 l - 10 l canisters.



FRAGRANCES FOR SAUNA

Fragrances for saunas, deliverable in 1 l - 3 l - 5 l - 10 l canisters.



FRAGRANCES FOR EXPERIENCE SHOWERS

Fragrances for showers, deliverable in 1 l - 3 l - 5 l - 10 l canisters.



FRAGRANCES FOR ROOM AROMATIZATION

Fragrances for room aromatization, deliverable in 1 l bottles or 50 ml refill pack.

Here a small choice of our fragrances - others on demand:

	Fragrances for Steam Rooms	Fragrances for Sauna	Fragrances for Experience Showers	Fragrances for Room Aromatization
Exotic				
Orange				•
Orange-Tangerine	•	•		
Lemon				•
Papaya				•
Ceylon Mango	•			
Passion Fruit				•
Tropica/Passion Fruit			•	
Ice Lime	•			
Exotic Dream				•
Apple		•		
Bourbon Vanille	•	•		•
Mexico Lemon Grass	•			•
Slibowitz		•		
Lime		•		
Sumatra Orange			•	
Floral				
West-Indian-Rose	•	•		
Provence Lavender	•	•		
Sommer Grassland				•
Minty				
Alaska Mint	•	•		
Euka-Mint				•
Eucalyptus Menthole	•	•		
Ice-Mint/Arctic Sea			•	
Polaric Night			•	
Green				
Noble Fir/Spruce Needle	•	•		
Mountain Pine	•	•		
Eucalyptus				•
China Eucalyptus	•	•		
Finnish Birch tree		•		
Siberian Ice Steppe			•	
Aromatic				
Herbs of the Alps	•	•		•
French Melissa	•	•		
Camomile	•			•
Oriental	•			•
Toscana Herbal Garden	•			
Woody				
Sandle Wood				•





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Status: September 2016



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