

OXYGEN CONCEPT

Breathe in  
and enjoy

with  
SeaClimate  
technology

 **SeaClimate**  
Salty. Fresh. Vitalizing

# OxygenConcept - The air to breath!

**After few breaths only you will feel how your body responds**

Everybody appreciates a long walk by the sea and knows about the soothing effects on the wellbeing. Clean air, which is both saline and oxygen enriched, invigorates one's body as well as his/her spirit.

**Within 20 minutes you will feel like you spent 2 hours on the beach**

With our SeaClimate technology this tidal air is only the push of a button away. We rely on a combination of brine mist, negative ionization and oxygen enrichment. When using regularly your immune system will be strengthened and the appearance of your skin will be refined.

## SeaClimate technology

### BRINE

**Microfine salt spray**  
cleans the respiratory tract, improved structure of the skin, antiphlogistic

### OXYGEN

**Concentrated oxygen**  
improves your performance, promotes powers of concentration and strengthens immune system

### IONIZATION

**Negative Ionization**  
cleans tidal air and increases oxygen uptake capacity, enhances metabolism

Those three health-promoting elements can be easily integrated into rooms or cabins – individually or in combination.

For more than ten years OxygenConcept is known for high quality devices and system solutions. As one of the leading providers of both brine ionizing and combined oxygen treatment we are looking forward to work out an individual solution for your needs. We are convinced that you will love it.

This is what we are standing up for!



# SeaClimate – at home in leading wellness facilities

Nature delivers us with superb air for breathing at both sea and mountain. Lucky are those who spend their life in these regions and can enjoy perfect air every day. With our SeaClimate technology you are one of them!

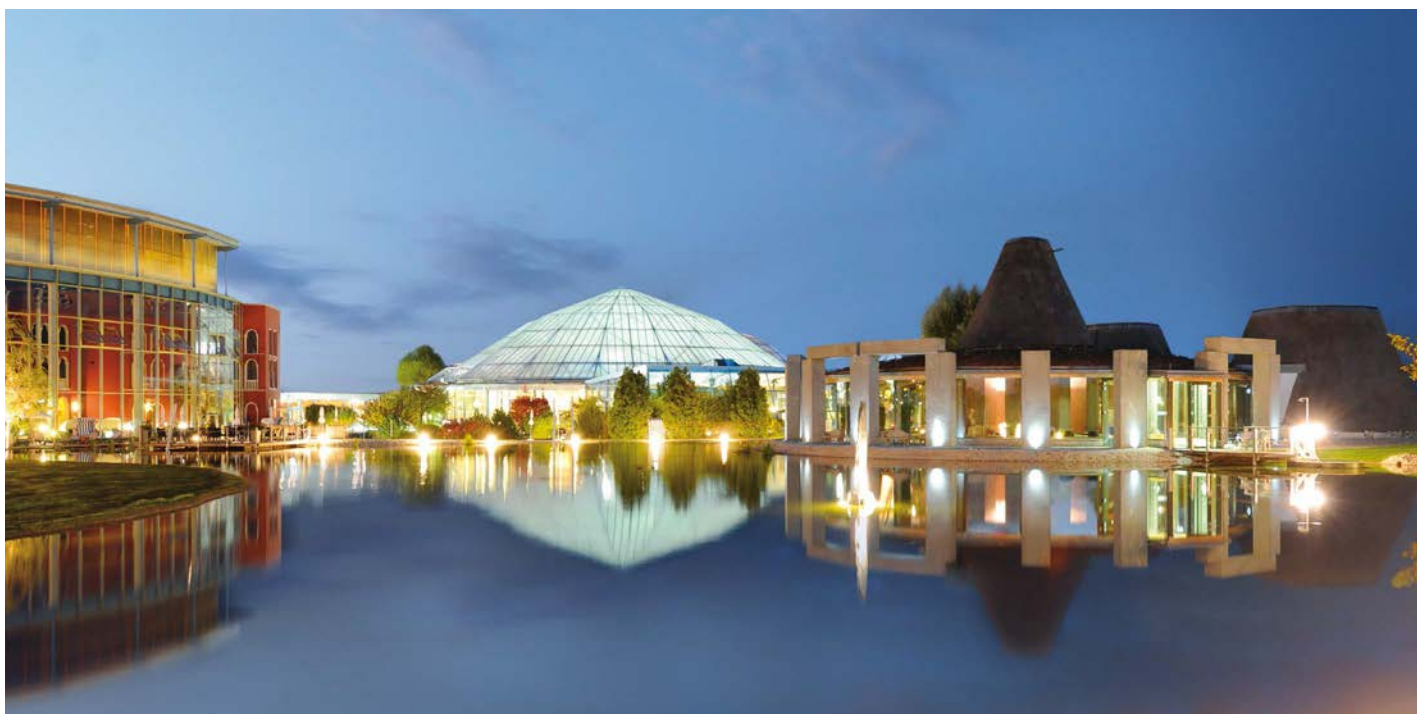
SeaClimate produces a bracing climate by combining oxygen enrichment, negative ionization and brine misting. This way a health-promoting climate is created:

- respiratory passages are getting cleared
- blood flow is promoted
- increase power of concentration and performance

**Whether during leisure time,  
personal or business life:  
application possibilities  
are diverse!**



Rogner, Bad Blumau



Therme Erding

# BRINE ... saline microclimate

## - balm for your respiratory system!



Where waves rush and salty air invigorates the senses - that's the place where the soul is breathing freely.

For many centuries natural brine with large amounts of iodine and sulfur has been an approved remedy.

Micro fine brine particles (so called aerosols) are anti-inflammatory and have a positive effect on your swollen mucous membranes. In case of respiratory diseases the tickle in the throat goes down and also the secretion can be expectorated easier.

Furthermore the perfusion of both lungs increases when breathing aerosols. Both lungs and the respiratory system are getting cleared from bacteria and allergens. That way persons suffering from allergies can experience considerable relief.



Even the skin reacts on saline therapy. Especially skin diseases can be treated with very good outcome. When used regularly the complexion of healthy skin can be improved. The skin gets both more finely pored and better supplied with blood. The result is a fresh appearance.

The SeaClimate ultrasonic nebulizer creates a dry and respirable sole mist, which is piped into a room or a cabin. The size of the aerosols is only about 0,5 – 5m so the agents can reach even the fines bronchial branching and tackle persistent mucous congestions.

This demands a great deal of sterility of both the nebulizer and the brine. To guarantee the sterility we recommend the use of our in-house brine which of course is laboratory-tested.



**Our velvet dry sole mist contains the curative power of salts from both the Dead Sea and the Himalaya.**

#### **Sole misting via ultrasonic**

By using piezoelectric parts electric oscillation is converted into mechanical vibration.



The frequency can be as high as 3 MHz and is transferred to the brine. The result is oscillating brine and the higher the intensity the smaller the drops are.

The SeaClimate ultrasonic nebulizers can create drops of the size 0,5 – 5m. (The human hair is about 100 m thick.)



**SeaClimate ultrasonic nebulizer: Compact construction and simple control.**



# OXYGEN ... the kick of freshness for your wellbeing!

Each activity of our body costs energy. Oxygen supplies us with the essential nutrients for the combustion!

The average oxygen content is about 21 percent. SeaClimate can raise the oxygen content up to 35 percent.

If supply of oxygen is ensured the metabolic system and all the other somatic functions work fine both infections and inflammations are prevented ideally.

*Oxygen is an important component of life.*

*People who breathe clean and healthy air strengthen their immune system and stimulate the metabolic system.*

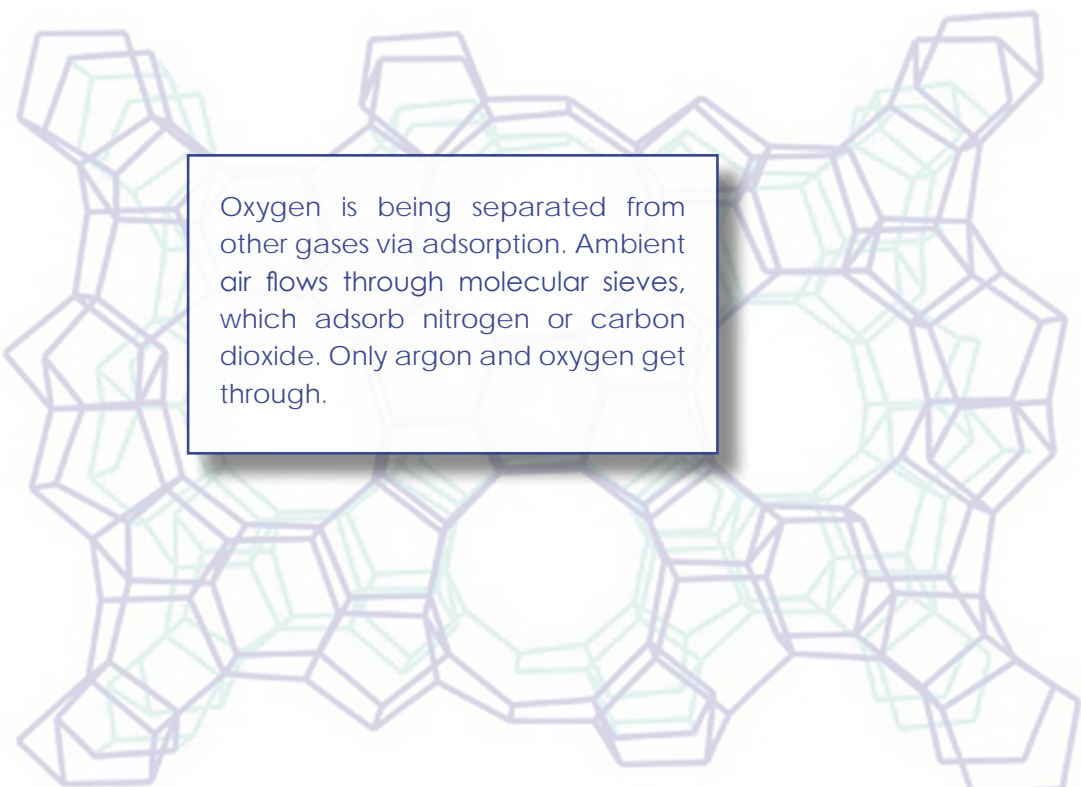
*Your body gets vitalized.*

*Mind and soul can recover.*

## Positive impacts of oxygen enrichment on our wellbeing:

- up to 6-time higher oxygen intake via activation of red blood cells
- quieter, deeper sleep and therefore increased performance and motivation
- health problems like megrim, tinnitus or cardiovascular problems can be soothed
- muscles are less likely to over acidify
- stimulates body's own defense
- helps with vascular disorders
- increases power of concentration
- softens mood changes

	SeaClimate Exclusive	SeaClimate ProEdition	SeaClimate Power Edition
Concentrated Oxygen is won from the ambient air: No additional oxygen needs to be purchased!			
recommended service	private use	professional use	professional use
stage of oxygen concentration	adjustable up to 9l/min	9 l/min	10 l/min
combinable with brine misting	x	x	x
mask inspiration	x (only with ionization head)		
ionization from ceiling (optimal size of room 12m <sup>3</sup> )	x	x	x
ionization head (optimal size of room 12m <sup>3</sup> )	x	x	x
mobile	yes, rolling	no	no



Oxygen is being separated from other gases via adsorption. Ambient air flows through molecular sieves, which adsorb nitrogen or carbon dioxide. Only argon and oxygen get through.

# NEGATIVE IONS ...

## vitamins of the air!

The "clear" air, which can be experienced after a thunderstorm, the pure and pleasant smell while forest walks and the oxygen bath at the water fall – those wonderful experiences are the result of negative ionized oxygen in its purest form.



Different ion concentration in cm <sup>3</sup> per sec.	
by the Sea or in the mountains	about 5000*
outskirts	about 700 - 1500*
city park	about 400 - 600*
at a street	about 100 - 200*
in a room	about 25 - 50*
<b>SeaClimate produces</b>	<b>about 5.000.000</b>
<b>SeaClimate ceiling ionization produces</b>	<b>about 20.000.000**</b>

\* Source: wikipedia

\*\* > 5 million negative ions per needle/cm<sup>3</sup>/sec;  
4 needles per ceiling module

Oxygen ions are oxygen molecules, which have one or more electron in their atomic electron shell than a standard molecule (more electrons = negative charging; less electrons = positive charged). For humans negative charged oxygen ions are very important.

Negative ions do have a vast cleaning power. They connect themselves to dust and particles, which are mostly positively charged. Because of their weight they sink to the ground and the breathing air is cleaner.

Negative ions do have an indirect positive impact through the clean tidal air. Also the complex biochemical processes have a positive impact on our wellbeing.



In closed rooms the amount of negative ions is too low and this shows in concentration problems, faintness and general indisposition.

Reference measurements using a particle counter showed that SeaClimate products are able to reduce particulate pollution by half within 15 minutes.

## Globally unique: ionization from the ceiling

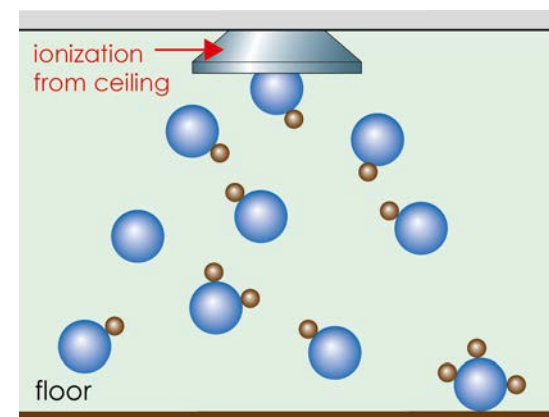
The injection of negative charged ions into e.g. bedrooms, waiting rooms or open-plan offices can be done via SeaClimate ceiling ionizers.


Using the unique technology rooms can be filled with negative ions. Even a combination with already existing air conditioning or ventilation systems is possible.


### Positive impact of negative ions on our wellbeing:

- up to 6 times higher oxygen intake by activation of red blood cells
- thereby stimulation of metabolic system and increased production of collagen
- raised protection against germs by activation of cilia in the lungs
- improved blood flow in the skin by soft massage
- supports lungs' self-cleaning
- enhanced power of concentration and performance

By connecting a high voltage to an ionizing needle a coroner discharge is set off which releases the electrons. Those electrons combine with the oxygen molecules, which get a negative electric charge; they become negative charged oxygen ions.



 anion (oversized in relation to the ionizer in the ceiling)

 dust particles, aerosols, bacteria, viruses, pollen, mold spores

**Anions can escape conically. They combine with dust particles and fall to the ground.**

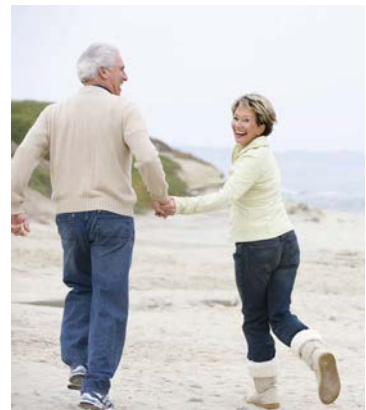
# The non plus ultra: all 3 components combined





Negative ionized, highly concentrated oxygen that is enriched with ultrasonic nebulized brine out of the Dead Sea creates a unique tidal air, which enhances our well-being.

After only a few treatments you will feel the impacts such as improved power of concentration, increase of physical power and alleviation of lung complaints and also a greater quality of life. Our references provide impressive confirmation.





# Assembly/ conception – individual hardware configuration tailored for your needs and demands



**We want to inspire you with  
our solutions!**

## **What is important for you?**

Is your focus on clean air? Do you want to increase performance or add value to your wellness-program by combining it with health promoting treatments? SeaClimate is the answer to all these different demand profiles and can be configured accurately thanks to the modular design layout.

Ceiling ionization in bedrooms, ionization and oxygen-enrichment at work or brine nebulizer fitted cabins together with negative ionizer and oxygen-enrichment – all this is possible.

Depending on the requirements these three SeaClimate components are easily installed in rooms or cabins – either individually or in combination.

## **Individual interior design – everything from a single source**

### **Do you want to restructure your wellness area?**

Well, even there we are right on the mark! When it comes to new build systems, enlargements or modernizations we can provide you with competent advice on both technical and structural matters. Whether you would like to rebuild existing or build new wellness facilities, whether commercial or private use – we develop a wellness concept that is specifically tailored to your need and perfectly combines design, comfort and functionality.

Thanks to our longtime experience we are very familiar with the special requirements in both realms wellness and spa. In cooperation with our partners we aim for one goal: With our solutions we want to fill you with enthusiasm!

To be able to reach this goal we first have to analyze your demands and wishes precisely. We only can derive your excitement if we strictly understand your conceptions!

High quality relaxing solutions and the wish for individual offerings are becoming more and more important in the wellness sector, too. Our integrated planning and wellness concepts comply with this complex requirement profile.

The collective expertise of our partners and us guarantees the highest quality in every step of both planning and workmanship. The ideal room concepts and staging in combination with reliable cost report give you the planning certainty that you need.

We are always looking for that special solution and rely on high quality materials. Whether large window fronts, appealing wood or paint combined with natural stone – everything can be done.



**We develop a wellness and feel-good concept with you that is perfectly tailored to your needs.**

# HARMONY ...

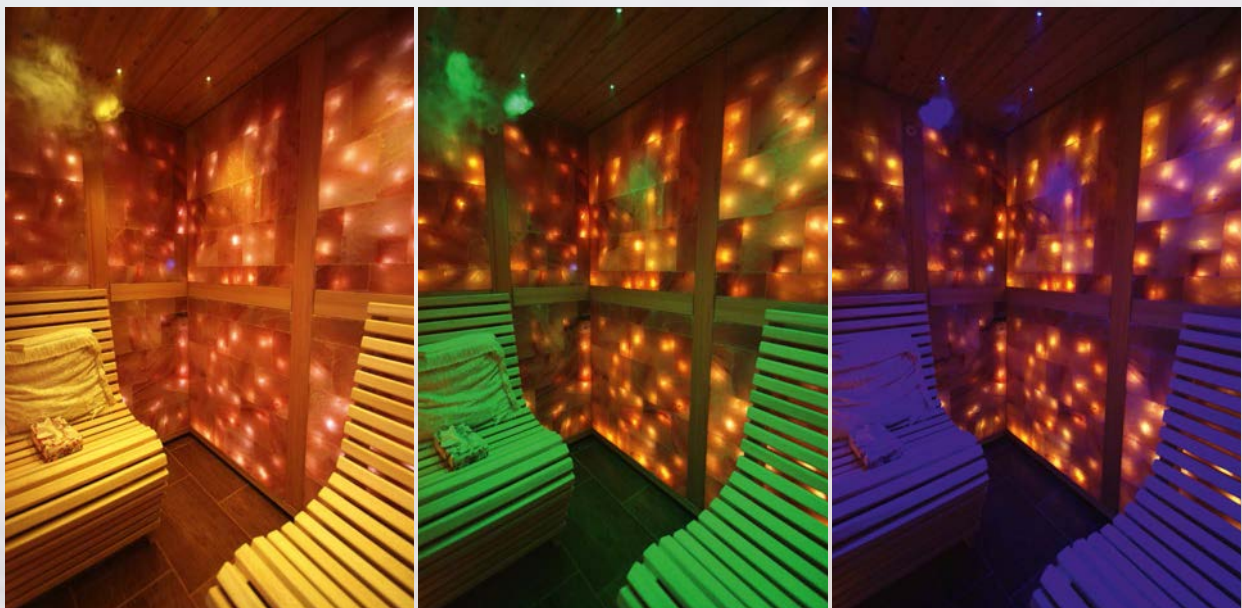
## made from light and salt stone

### Every stone is unique

Of course we have this special relation to salt stone structuring. Atmospheric places of relaxation can be created with salt stone. The whole salt stone wall is back-lit with a central design element with fascinating a look.

Our salt stones are from the Himalayas and individually processed and cut. Each stone has its characteristic play of colors and texture. We are processing these unique products of nature with a love for detail to become decorative wall designs, which create a calming and at the same time fascinating ambience.

Each stone, each wall is to be unique as is your project. See for yourself!





### Salt stone appearance for any room situation

For the use in wet room as in public baths we are offering a "print in glass" salt stone solution, which can easily resist effects of humidity.

This way large rooms can be decorated with ease and are still authentic.

Salt stone work is pure passion!

It requires patience, technical skills and commitment to the material itself.



Salt stone "print-on-glass" at Badeland Wolfsburg in front of the showers.

### Customized scopes for design

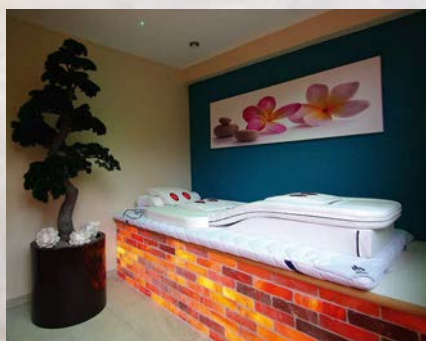
At Hans-Klepper indoor swimming pool a sensational interesting project has been brought to being by OxygenConcept.

A guest toilet had been converted into a salt cave. Genuine salt stone had been scanned and transferred onto toughened safety glass.

The glass surface feels rough because of an anti-slip top layer. Thus at a first glance you do not realize that the salt stones are actually glass.



Hans-Klepper indoor swimming pool: Salt stone „print-on-glass“-elements



We are delighted to make furniture or shiners according to your wishes and design ideas.

# REFERENCES



>> For many years we have been co-operating with OxygenConcept. The SeaClimate cabins are successfully being deployed in both our specially designed Day Spa and individual services. Many costumers are using these cabins as a treatment just before massages. It is also used to strengthen the immune system or to soothe eczema. Also costumers with common cold gladly take our cabin. Even we, the staff, like to use the cabin to stay fit. <<

Annerose Pelta / Beauty & WellArt Oase





Salzgrotte Dortmund



Schwitzkasten,  
Roth am See



Therme Loipersdorf



Mehrsalzgrotte Frechen



Soleeindüsung  
Dampfkabine, KWS

Hotel Raitelberg, Wüstenrot



The background of the entire page is a photograph of ocean waves, rendered in a light blue, semi-transparent style. The waves are breaking and creating white foam, which is visible across the entire image.

OXYGEN CONCEPT

# OXYGEN CONCEPT

– we are here for you

Please order further information –  
We will be pleased to advise you

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