

**NO CHEMICALS.**

**NO FILTERS.**

**NO MAGIC.**

**Intelligent Air - the smart way to breathe healthy.**



■ MADE  
■ IN  
■ GERMANY

**bioclimatic**<sup>®</sup>  
INTELLIGENT AIR

# OUR BASIC NEEDS

Human beings can survive...

**3 Weeks**  
without food

**3 Days**  
without water

**3 Hours**  
without shelter

But only

**3 Minutes**  
without oxygen

## Bad air affects everyone

### Sounds familiar?

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More than we eat, more than we drink, more than we do anything else in our lives, we breathe. It's the one thing, other than maybe our heartbeat, that continues to happen even when we aren't thinking about it. But even if breathing is something we do subconsciously, we should not ignore issues of air quality. Pollutants in the air are too small for us to see, yet poor air quality has been linked to multiple health problems from cardiovascular disease, cystic fibrosis, lung disease or the rather unknown sick building syndrome. Knowing what's in our air and keeping it healthy is as essential as knowing what's in the food we eat or water we drink.



### Causes of INDOOR AIR POLLUTION

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- Vehicle exhaust and tobacco smoke
- Enclosed spaces
- Food and other odors
- Industry pollution
- Combustion appliances such as cooking stoves
- Chemicals such as adhesives, paints, varnishes, cleaning products, printers
- Crowds
- Pesticides ... as well as many others

# Our daily companions

## BACTERIA & GERMS

Multiresistant germs and specific viruses are becoming more dangerous – most germs are mainly spread through airborne droplets.



## ODORS

It's the one thing people notice first. The presence of putrid smells and odors can be quite disgusting.



## ALLERGENS

Approximately 20% of all people are battling with allergies every day.



## OTHER IRRITANTS

Volatile Compounds (VOCs) are harmful chemicals emitted from every day products.



## AIR IS ESSENTIAL

Did you know that ...

We inhale around  
**12000 Liters**  
of air in a day?

The air we breathe indoors is  
**up to 5x**  
more polluted than outdoor air?

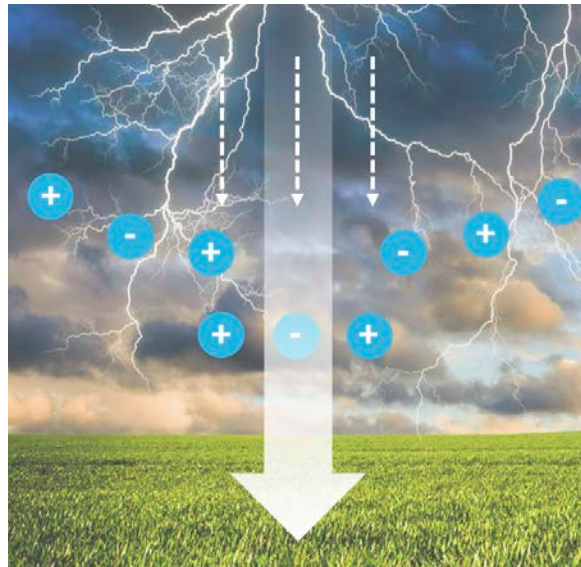
We spend almost  
**90%**  
of our time indoors?

# CLEAN AIR: NATURE SHOWS US HOW!

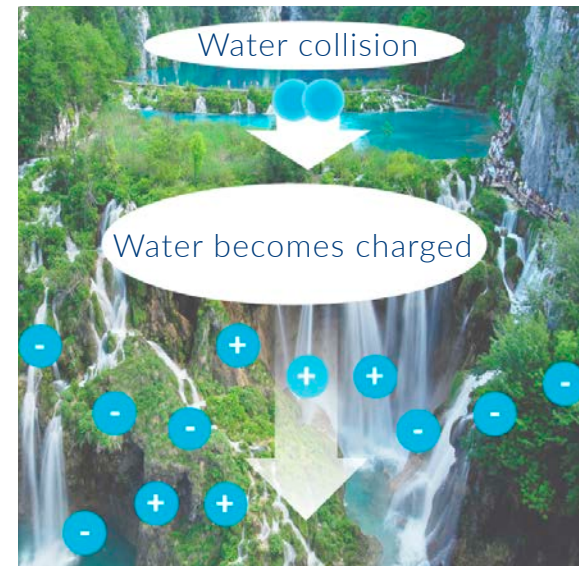
## A purifying thunderstorm

**Fresh and clean air through ionization - shown by nature.**

Prior to a thunderstorm there is a very high concentration of contaminants in the air, such as dust, bacteria, pollen, chemicals, and fumes. The storm releases electrical discharges and by that high concentrations of ions are emitted. Ions play a major role to lower the amount of air pollutants – and, give us a sense of fresh and clean air.



*A large amount of ions are generated by an electrical discharge phenomenon.*



*Surrounding air becomes „charged“.*

# Ions around us and their “feel good” factor

**In nature ions are found in abundance. This is why you usually feel so great in these places and find it difficult to be tired or depressed.**

The proportion of ions is highest around moving water (storms, oceans, rivers, waterfalls) – that also explains why we feel so energized and refreshed at the ocean. The worst are found in windowless rooms and closed, moving vehicles. Higher concentrations of ions are essential for a positive mood, let us work more efficiently and feel more revitalized. Concentrations below 100 ions/cm<sup>3</sup> can already lead to headaches, deficiencies in concentration and fatigue, leading to the Sick Building Syndrome.



## ION LEVELS IN NATURE

What if you could  
bring this  
effect back  
into your space?

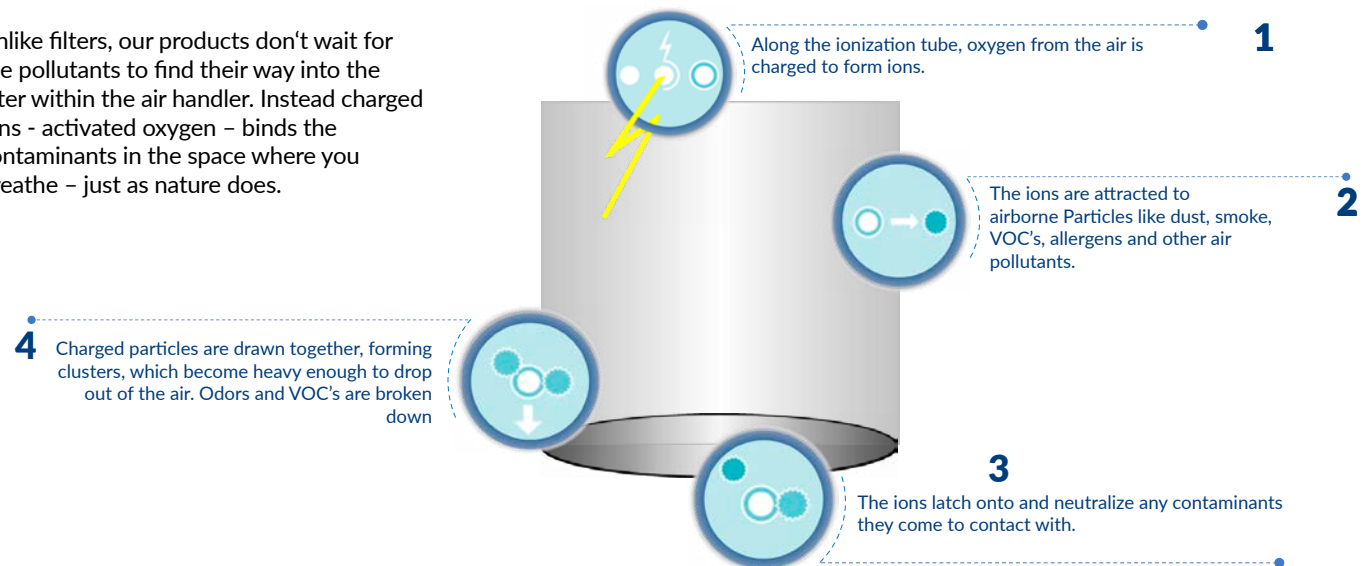


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# Good indoor air quality for every size and facility.

## How we do it

Unlike filters, our products don't wait for the pollutants to find their way into the filter within the air handler. Instead charged ions - activated oxygen - binds the contaminants in the space where you breathe - just as nature does.



## Suitability of bipolar Ionization for ABATEMENT OF GASEOUS CONTAMINANTS

Isopropanol	Ethanol	Acetone	Formaldehyde	Ethylene	Acetic Acid	Acrolein	Ammonia	Isovaleric Acid	Diethylamine	Pyridene	Trimethylamine	Toluene	Benzene	Xylene	Phenol	Methyl Acrylate	Ethyl Acrylate	Butric Acid	Methyl Ethylketone	Nicotine	Nicotinic Acid	Nitrobenzene	Styrene	Cyclohexane	Methyl Mercaptan	Nitrogen Dioxide	Nitrous Oxide	Hydrogen Cyanide	Hydrogen Sulfide	SOx	Chloroform, etc.	Carbon Monoxide	Carbon Dioxide
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## AIR IONIZATION

### BENEFITS OF IONIZATION IN A NUTSHELL

## AIR DEGERMIFICATION



- Outthink the stink
- Reduce allergens and bacteria
- No toxic waste
- No filters, no chemicals
- Increased productivity at your workplace
- Save up to 20% on energy costs
- Save up to 25% on operation/maintenance costs
- System longevity
- Proven technology

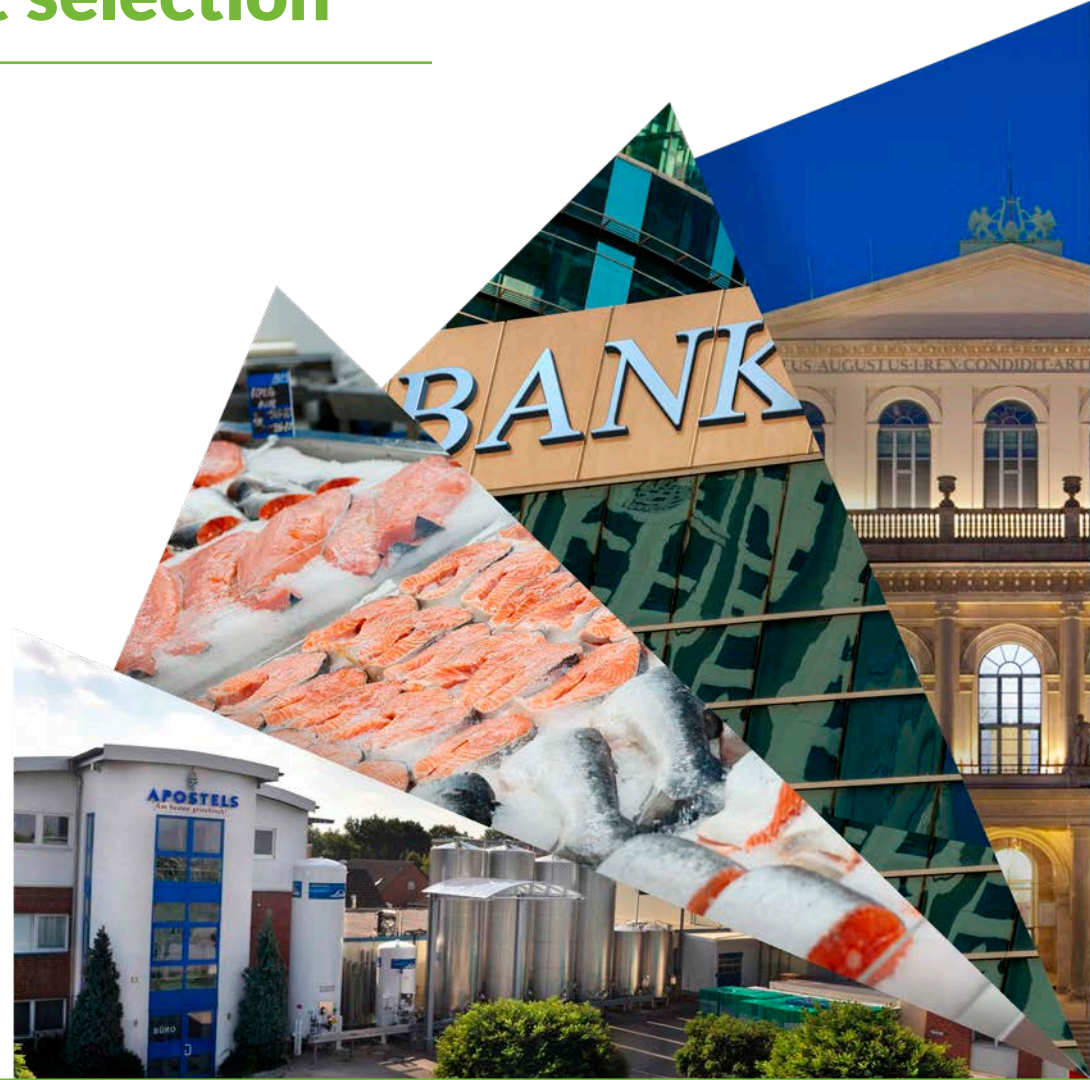


## WASTE AIR PURIFICATION

# TRUST PAYS OFF!

- Over 2000 installations completed
- Over 1500 satisfied customers
- Distribution network in over 40 countries

## A small project selection





# WHY BIOCLIMATIC?

- 40 years of experience
- Various patents & experts in the field
- Highest quality Made in Germany
- Own assembly and service team
- Exclusive financing and leasing solutions



# OUR VALUES

## Our focus

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Innovation and continuous optimization to offer the best air quality solutions to our customers.  
Very flexible, customer oriented, family-owned and managed company.



# That is who we are

Bioclimatic represents 40 years of experience in the field of high quality air purification and degermification systems.  
Our goal is to improve air quality for everyone in any areas of our life.



**CURIOUS?  
CONTACT US!**

## OPERATIONAL DEPARTMENTS

- Management & Administration
- Research & Development
- Marketing
- Sales in Germany and Global Sales Support
- Production, Order Processing and Project Management



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**bioclimatic**®  
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