

# NANODRON®



*Breathe clean, healthy air!*

NANODRON® is a unique high-tech air purification system of the latest generation. NANODRON® combines German quality with state-of-the-art research and innovative, eco-friendly technology. Pure, healthy air for you to breathe is always our first consideration!



## Interior air quality in the 21st century:

### What kind of air do we breathe?

One important determinant for our health is the air we breathe. It is a fact that pollution of the atmosphere by various environmental influences is increasingly having a negative effect on the air we breathe. Particularly in towns, cities and large housing developments, the air has been found to contain high concentrations of soot and particulate matter, as well as a great number of potentially harmful chemical and organic substances.

### Where do we live?

Modern housing is planned to minimise heat loss by an almost hermetically sealed construction. However, this seriously impedes air circulation and air renewal, which has a negative impact on our health.

### Polluted air in interior spaces can be harmful to health ...

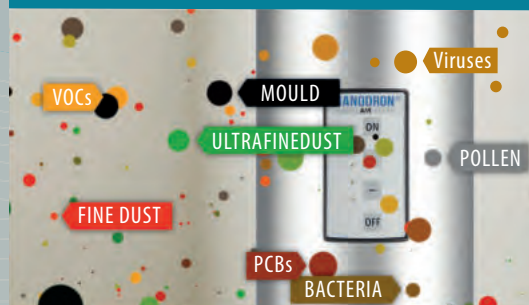
... and can give rise to allergies, headaches, chronic fatigue, frequent colds, diseases of the respiratory system and mucous membranes, dryness of the skin, nausea, dizziness, weakening of the immune system, failure of vital body functions and the central nervous system, congenital defects, etc. Children are often especially at risk from this constellation. **Approximately every third illness can be attributed to the effects of polluted air!**



Diagram of air purification by NANODRON®

### Benefits of NANODRON®

- Highly effective cleaning of inside air for a wide range of premises
- Frees the air from gases and particles matter down to a size of 1 nm\*
- Frees the air from **bacteria, mould spores, fungal spores, pollens and other organic and household allergens**
- Absorbs and eliminates unpleasant odours (**cigarette smoke, paint smells, mildew, etc.**)
- Ionisation of the air (enriches the air with negatively-charged ions).



Pollutants in the air (enlarged representation)

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## NANODRON® – the high-tech air purification system

- **Innovative, ecologically perfected technology:** Highly effective air purification system for interior spaces, unique worldwide (absorbs all particulate matter down to a size of 1 nm)\*.
- **Unique system with multiple operating levels:** the performance of NANODRON® is about 50 times as effective as comparable air purification systems such as e.g. prefilters, electrostatic filters with ioniser, active charcoal filters in combination with HEPA filters
- **Optimal design:** simple to use, elegant design, takes up little space
- **Minimal electricity consumption of only 15W,** max. 40W at highest operating level
- **Compliant with all national and international quality standards:** top performance, even after years of constant use, minimal noise level

\* 1 nanometre = 1 billionth of a metre



## Your health will thank you for it !

Air that has been purified and ionised by NANODRON® enhances the performance of the human body. Pure air improves breathing, stabilises the functions of the central nervous system, normalises blood pressure and metabolic processes, strengthens the body's resistance to infections, works prophylactically against a broad spectrum of illnesses, increases wellbeing and combats fatigue, stress and sleeplessness.

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## Manufacturer of NANODRON®:

NANODRON GmbH  
Eisenbahnstrasse 25  
75179 Pforzheim  
Germany

Phone: +49 (0) 72 31 - 781 07 80

info@nanodron.de  
www.nanodron.de

Highly effective purification  
of inside air  
in many different premises:

homes,  
offices,  
smokers' rooms,  
conference venues,  
kindergartens,  
schools and universities,  
hospitals,  
sanatoriums,  
laboratories,  
hotels,  
wellness spas,  
cafés and restaurants,  
supermarkets,  
theatres and museums,  
archives,  
exhibitions and concert halls,  
production rooms,  
etc.

