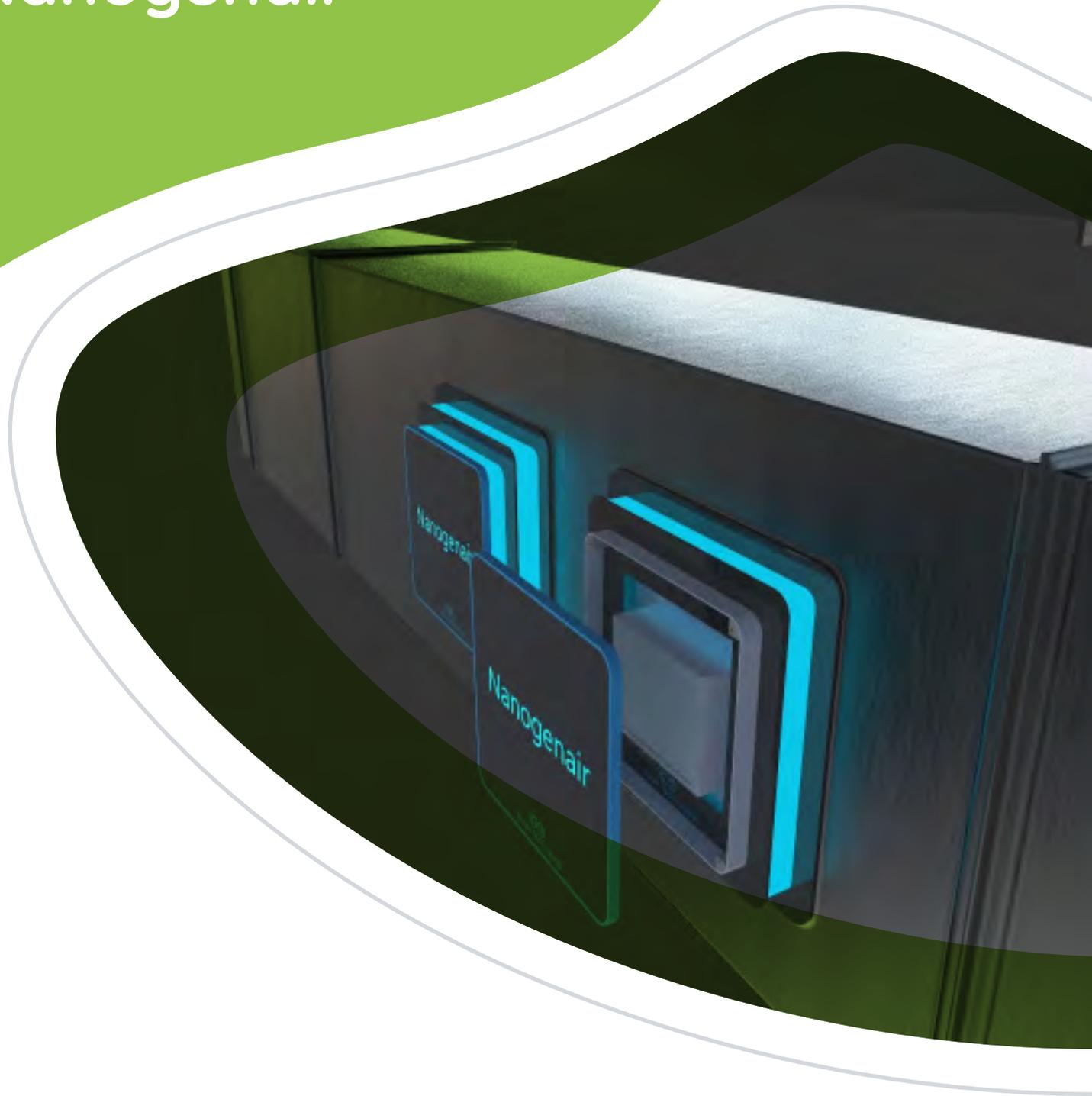




Nanogenair®



HYGIENIC AIR STERILIZATION AND PURIFYING UNIT WITH NANO REACTOR

CLEAN TECHNOLOGY CT PRO MAX

CLEAN TECHNOLOGY CT PRO M



OUR AIM

The infectious diseases caused by airborne bacteria and viruses are of primary global concern for both social and economic reasons. As Nanogenair, our top priority is to improve air quality, one of the most important threats to child health. For this purpose, our new Generation Nano Hygiene Reactor Air Cleaning Devices, which we have produced as a result of our 30 years of experience, have become a source of pride for our public health.



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CLEAN TECHNOLOGY CT PRO SERIES

EFFECTS

Have you ever been at the beach or in the mountains and suddenly felt happier? It might not just be the joy of nature, in fact, it might actually be the effects of negative ions.

- ✓ Due to the Negative Ion density in the environment, it will give a sense of ambiance in the forest, waterfall and seafont. You'll feel it every breath you take. You will be as peaceful as those who live in nature.
- ✓ Its to help regulate sleep patterns and mood, reduced stress. boost immune system function. Negative ions protect the respiratory system from germs in the air.
- ✓ Under favour of to the plasma ion technology in its design, all particles will fall on the floor, thus dust and microorganisms will adhere to the floor and a comfortable breathing will be provided in the environment.
- ✓ Natural plasma ions and active hygiene agents emitted by the Hygiene Nano Reactor collapse these pests, inactivate microorganisms and create a hygienic, perfect air quality.
- ✓ Static electricity will not occur as ion balance in the air will be achieved. The damage caused by static electricity will disappear.

Hygienic Air Sterilization and Purifying Unit with Nano Reactor

Principle Of Operation

Principle Of Operation

Basic principle of Hygienic Nano Reactor is being to begin Active Hygiene Fight. While passing of air flow through Hygiene Reactor, some of humidity in air turn into hydroxide (OH), hydrogen peroxide (H₂O₂), superoxide (O₂⁻) and negligible ozone (O₃), these entitle Active Agents which inactivate microorganisms. After creation of active agents, they slide with air to places and inactivate microorganisms immediately in air, on surfaces or where can not be suitable to access points. After this operation, all of microorganisms and odors inactivate and they turn into H₂, O₂ and CO₂ without any polluted material.

ADVANTAGES

- ✓ Inactivates airborne and surface microbial, bacteria, microorganism, viruses, and mold.
- ✓ It causes dust and pollutants in the air to fall to the floor and move away from the breathing distance.
- ✓ Since the system works continuously for 24 hours Microbial cleaning in the environment takes days.
- ✓ Since it inactivates all allergens in the air, it minimizes the risk of contamination even at close distance.
- ✓ Inactivates all kinds of bacteria, viruses, fungi and mold. Continuous and uninterrupted. inactivation.
- ✓ Within seconds it starts cleaning the air and activating the hygiene.



HOW DOES IT WORK?

“ New Generation Nano Hygiene reactor is the last point that has the technology. Basic principle of Hygienic Nano Reactor is being to begin Active Hygiene Fight. ”

50%

first stage

Basic principle of Hygienic Nano Reactor is being to begin Active Hygiene Fight.

1

While passing of air flow through Hygiene Reactor, some of humidity in air turn into hydroxide (OH), hydrogen peroxide (H_2O_2), superoxide (O_2) and negligible ozone (O_3), these entitle Active Agents which inactivate microorganisms.

100%

last stage

Removes odours and Purifies the ai, from the air destroys microbes and bacteria in area. Eliminates pathogens & bacteria, removes mould..

2

.After creation of active agents, they slide with air to places and inactivate microorganisms immediately in air, on surfaces or where can not be suitable to access points. After this operation, all of microorganisms and odors inactivate and they turn into H_2 , O_2 and CO_2 without any polluted material..

COMPARISON CHART

NANOGENAIR CLEAN TECHNOLOGY CT PRO SERIES	UVC LAMPS
Removes up to 99.9% of Pollutants, Viruses, Bacteria, Microorganisms, mold, fungus, Germs.	UVC Activates viruses and bacteria partially. The strength of the UVC light decreases as it moves away from the light source.
Our Hygienes agents have clean all surfaces	Its clean all surfaces within a certain distance.
Inactivates all surface and all areas airborne bacteria, mold, odors, viruses.	UVC works only on surfaces within the field of view. If there are objects that prevent light from reaching the surface directly, the surface will not be disinfected sufficiently.
Rapid and complete inactivates (destroyed up to 99.9% of viruses and bacteria) Patented technology, Easy handling, Optimal security	UVC works only on surfaces within the field of view.
Does not have a negative impact on the human body.	UVC radiation is widely recognized for its harmful effects on human skin and links to skin cancer, create different risks for humans.
It is economical, low cost and energy efficient.	The ultraviolet output decreases over time, the lamp should be replaced, as a rule, once (06-12) months.
Patented Nano Reactor technology	It is UVC technology. (used only in unmanned environment)
Our Hygienes agents have clean all surfaces. Inactivates all surface and all areas airborne bacteria, mold, odors, viruses.	Inactivation requires a minimum of 5-6 seconds of exposure to light. (This is not the case in a fluid air)
.Easy to install, There are no toxic chemical or carcinogenic by-products left behind when nanogenair reactor is used.	Difficult to install, has limited usage area. Never be used in public.
Reaktör operating life (20 years)	Lifespan of UV-C Lamps (12 months or 9000 hours)

NANOGENAIR CLEAN TECHNOLOGY CT PRO SERIES	HEPA FILTERS
Removes up to 99.9% of Pollutants, Viruses, Bacteria, Microorganisms, mold, fungus, Germs.	Viruses, are too small to be removed. Despite this fact, HEPAbased products have been marketed for a long time with a claim to protect them from viruses. The US Federal Trade Commission (FTC) has now regulated that HEPA filter-based products can no longer make this claim.
Our Hygienes agents have clean all surfaces	Existing HEPA filters are only part of the solution. After only a short period of use, the filters become heavily loaded with active pathogens. With every maintenance and filter change, germs can escape and spread during operation. .
Inactivates all surface and all areas airborne bacteria, mold, odors, viruses, all microorganism.	While bacteria are large enough to be trapped, bacteria are understood to release endotoxins into the air stream when dying on the air filter surface.
Rapid and complete inactivates (destroyed up to 99.9% of viruses and bacteria) Patented technology, Easy handling, Optimal security.	Mold spores are large enough to be caught in HEPA filters but stay alive on the filter surface.
It is economical, low cost and energy efficient.	Hepa Filter need to be constantly changing.it is overcosting.
Does not have a negative impact on the human body.	Disposal of the filters is subject to a medical waste procedure.
Patented Nano Reactor technology	Filtration technology
Our Hygienes agents have clean all surfaces. Inactivates all surface and all areas airborne bacteria, mold, odors, viruses.	It can only be used in areas with infrastructure. (operating rooms, intensive care units, laboratories, pharmaceutical factories, etc.)
Reaktör operating life (20 years)	Hepa Filter physical life according to the particle size fraction 6 - 12 months



“We are cleaning viruses from all kinds of environments”

Which is the places the use central air conditioning such as shopping malls, business centers, banks, cinemas and theaters may have to redesign their HVAC systems after Covid 19. A reality in which Covid-19 and perhaps more will threaten our world for the next time. Therefore, a new system such as has been needed to prevent these diseases. With our Next - Generation Hygienic Air Sterilization and Purifying Unit with Nano Reactor , we eliminate these problems completely .

CLEAN TECHNOLOGY CT PRO MAX

Viruses transmission in closed spaces and the role of HVAC systems.

It is essential to understand the potential transmission dynamic of microbial pathogens within the building environments. HVAC systems, there's a possibility that air conditioning may be a potential route of transmission, sucking in virus particles breathed out by an infected person and then blowing those infectious particles back out in the same room or even another room several floors away.

In fact, other infectious diseases such as measles, tuberculosis, chickenpox, influenza, smallpox and SARS have all been shown to spread through heating, ventilation and air conditioning systems.

Researchers in USA collected samples from various places inside a big store's HVAC system and found genetic material from SARS-CoV-2, the virus that causes COVID-19. This demonstrates that it may be possible for the virus to be transmitted through HVAC systems.

With Clean Technology CT PRO MAX Air Purification units system, which we easily be coupled into to the central HVAC Ventilation Ducts, we inactivate the pathogens circulating in the Ventilation ducts 99.9%.



CLEAN TECHNOLOGY CT PRO MAX

It is easy and reliable to apply for areas fed by ventilation ducts using air handling units. In the areas fed in this way, cuts are made on the part where the air duct is connected to the air handling unit, and it is applied by the stud method.

Thus, the fresh air that the air handling unit absorbs and gives to the environment is carried to the environment with the activated hygiene inactivation agents as it passes over the CT PRO MAX and the active hygiene war begins in the environment.



Peaceful Shopping

We provide a peaceful shopping environment in shopping malls and all indoor areas.



Easy Assembling

We have air sterilization and purifying units for various configurations and can be applied to different areas as required.



Energy Efficient

A small amount of energy is consumed during the operation of the system.

safety system



CLEAN TECHNOLOGY CT PRO MAX TECHNICAL SPECIFICATIONS

MODEL	CT PRO MAX 200	CT PRO MAX 300	CT PRO MAX 500
IMPACT AREA (m ²)	200 m ²	300 m ²	500 m ²
VOLUME (m ³)	600 m ³	900 m ³	1.500 m ³
DIMENSIONS	160*160*260 mm	190*190*350 mm	190*190*270 mm
PATENTED TECHNOLOGY	Nano Technology	Nano Technology	Nano Technology
WATTS	11 Watt/18 Watt	24 Watt	18 + 18 Watt
LIFE/ ULTRAVIOLET RAY	9.000 - 15.000 Hours	9.000 - 15.000 hours	9.000 - 15.000 Hours
VOLT	220 Volt 50/60 Hz	220 Volt 50/60 Hz	220 Volt 50/60 Hz
NUMBER OF CELLS	Single	Single	Double
FLOW CONTROL TECHNOLOGY	Optional	Optional	Optional
INSTALLATION	stud to the ventilation duct	stud to the ventilation duct	stud to the ventilation duct
MATERIAL	Stainless steel	Stainless steel	Stainless steel
NEGATIVE ION	Optional	Optional	Optional
HYDROGEN PEROXIDE	< 0,5 ppm	< 0,5 ppm	< 0,5 ppm
OZONIDATED ION	< 0,05 ppm	< 0,05 ppm	< 0,05 ppm
AMMONIA GAS	< 5 ppm	< 5 ppm	< 5 ppm
MAINTENANCE PERIOD	24 months	24 months	24 months
WARRANTY	24 months	24 months	24 months

MODEL	CT PRO MAX 700	CT PRO MAX 1000
IMPACT AREA (m ²)	700 m ²	1.000 m ²
VOLUME (m ³)	2.100m ³	3.000 m ³
DIMENSIONS	230*300*380 mm	6*8*275 mm
PATENTED TECHNOLOGY	Nano Technology	Nano Technology
CELL NUMBER	Double	Double
WATTS	24 + 18 Watt	18 Watt LED
LIFE/ ULTRAVIOLET RAY	9.000 - 15.000 hours	9.000 - 15.000 hours
VOLT	220 Volt 50/60 Hz	220 Volt 50/60 Hz
FLOW CONTROL TECHNOLOGY	Optional	Optional
INSTALLATION	stud to the ventilation duct	stud to the ventilation duct
MATERIAL	Stainless steel	Stainless steel
NEGATIVE ION	Optional	Optional
HYDROGEN PEROXIDE	< 0,5 ppm	< 0,5 ppm
OZONIDATED ION	< 0,05 ppm	< 0,05 ppm
AMMONIA GAS	< 5 ppm	< 5 ppm
MAINTENANCE PERIOD	24 months	24 months
WARRANTY	24 months	24 months
BIO DECONTAMINATION	Bio decontamination starts from the first minute, up to 90% inactivation is achieved within 24 hours.	
INACTIVATION EFFECT	All kinds of Microorganisms, Viruses (including Covid 19) Bacteria, Mold, Fungus, Pollen. etc	

CLEAN TECHNOLOGY CT PRO M

NANOGENAIR CLEAN TECHNOLOGY CT PRO M air purifier with Nano Hygiene reactor technology is suitable for shopping malls, hotels, resorts, cinemas, schools, libraries, restaurants, markets, bank branches, business centers where public health.



The air we breathe indoors and outdoors always contains particle pollution. These smaller particles generally pass through the nose and throat and enter the lungs.



Inactivation of airborne bacteria by nano reactor technology treatment with ionic wind for indoor air cleaning



Inactivation of airborne viruses using Hygienic Air Sterilization and Purifying Unit with Nano Reactor.



The best filterless air purifier with custom design CLEAN TECHNOLOGY CT PRO M

We're creating world-class environmental filterless air purifier technologies for mobile applications that help make life, and the air we breathe, better for everyone.



The size of the Coronavirus is 0.125 micron in size. Air Purifiers with Traditional HEPA filter can only filter down to .3 Micron. Hepa air purifier will circulate the air in a room, and as it pulls in the air it also pulls in all of the tiny particulate matter floating in it, including dust. The air passes through the filter with ease, but the particles become trapped in the fibers. These particles that become trapped are the particles that would have turned into dust on home surfaces, or caused allergy or asthma symptoms when they are inhaled.

Typically, filters are made of paper, fiber (often fiberglass), or mesh, and require regular replacement to maintain efficiency.



CUSTOM DESIGN



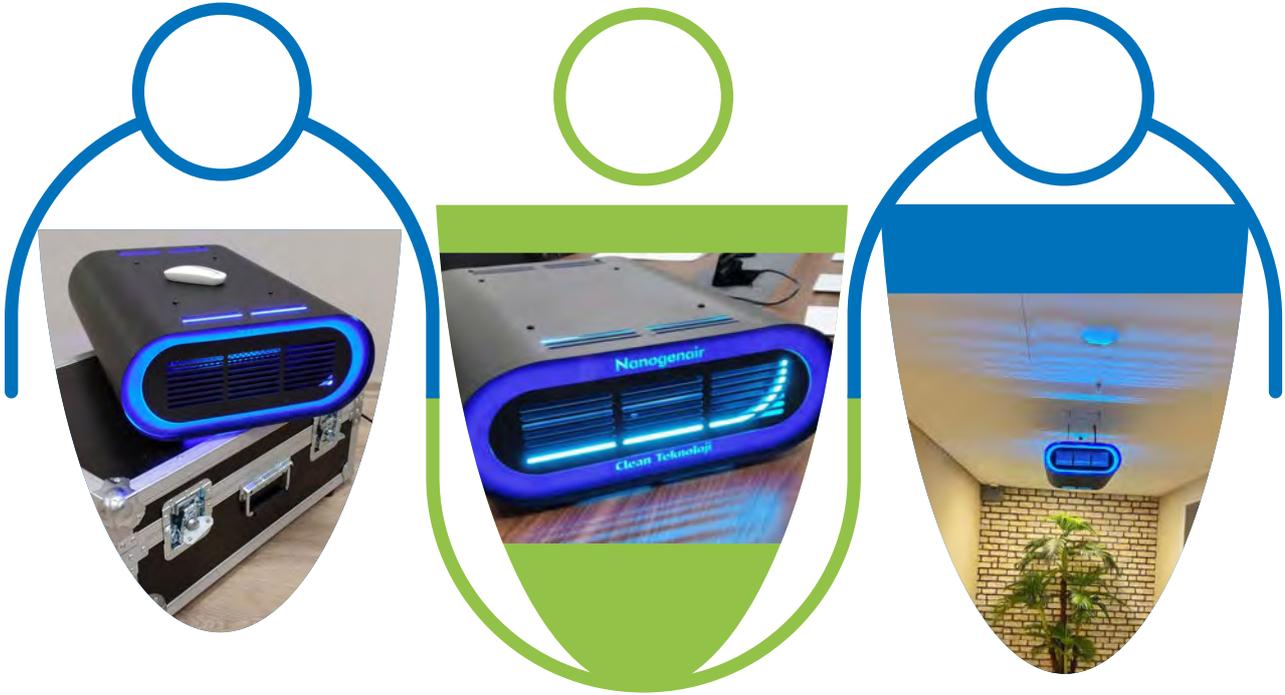
PERFORMANCE



HEALTHY ENVIRONMENT

CLEAN TECHNOLOGY CT PRO M

Nanogenair air purifiers use ionizers to help attract particles like static negative ions bond to dust and allergens and make them settle out of the air.



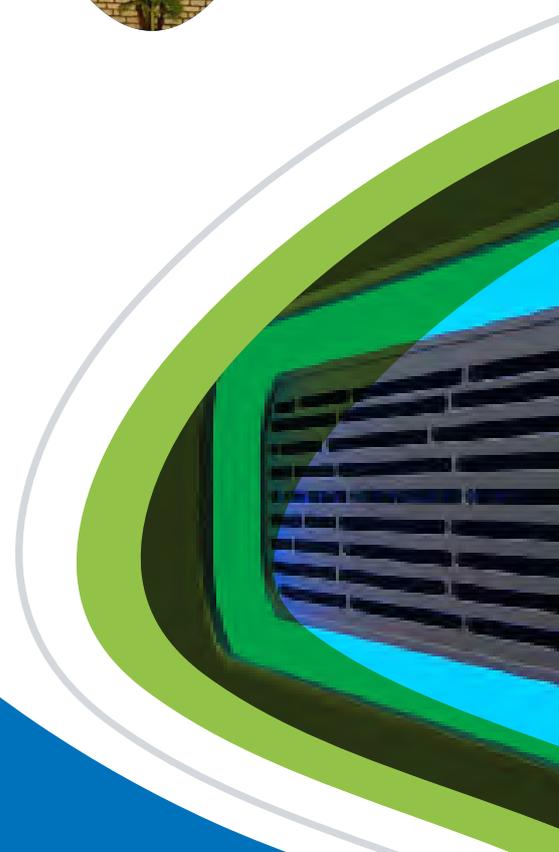
24/7 uninterrupted technical service



worldwide dealers



Contact our customer service for any questions

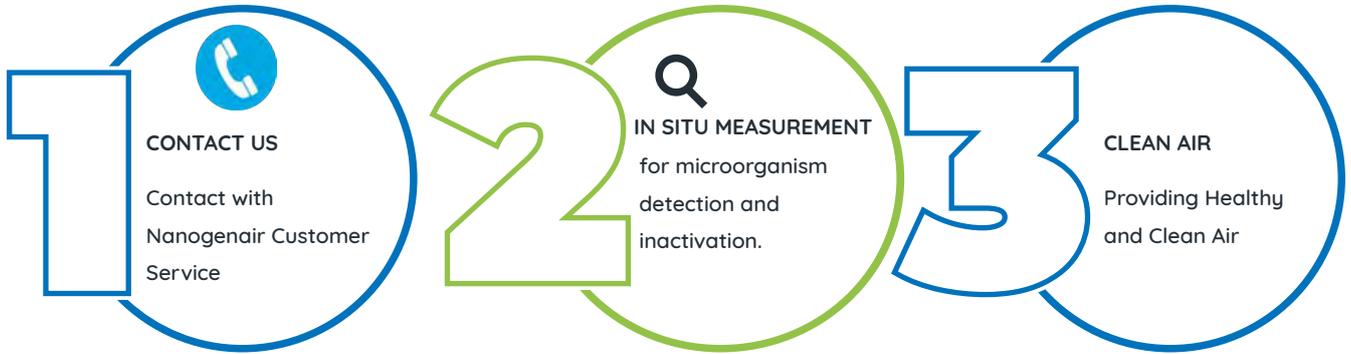


The Size Of Your Success Is Determined By The
Size Of Your Belief

David Schwartz

CLEAN TECHNOLOGY CT PRO M

3 ways to provide Healthy and Clean Air;



CLEAN TECHNOLOGY CT PRO M1 TECHNICAL SPECIFICATIONS

MODEL	CT PRO M1	CT PRO M1	CT PRO M1
IMPACT AREA (m ²)	25 - 50 m ²	50 - 75 m ²	75 - 100 m ²
DIMENSIONS	400*500*160 mm	400*500*160 mm	400*500*160 mm
PATENTED TECHNOLOGY	Nano Technology	Nano Technology	Nano Technology
WATTS	18 Watt	18 Watt	24 Watt
LIFE/ ULTRAVIOLET RAY	9.000 - 15.000 Hours	9.000 - 15.000 hours	9.000 - 15.000 Hours
VOLT	220-230 Volt AC - 50/60 Hz	220-230 Volt AC - 50/60 Hz	220 Volt AC - 50/60 Hz
OPERATE	On / Off	On / Off	On / Off
REMOTE CONTROL	YES (suspensory)	YES (suspensory)	YES (suspensory)
BRACKETS	Opsiyonel	Opsiyonel	Opsiyonel
LOUDNESS LEVEL (1 m)	30 / 40 dB	40 / 50 dB	40 / 50 dB
MATERIAL	Stainless steel	Stainless steel	Stainless steel
NEGATIVE ION	Optional	Optional	Optional
PLAZMA İYON	Opsiyonel	Opsiyonel	Opsiyonel
HYDROGEN PEROXIDE	< 0,5 ppm	< 0,5 ppm	< 0,5 ppm
OZONIDATED ION	< 0,05 ppm	< 0,05 ppm	< 0,05 ppm
AMMONIA GAS	< 5 ppm	< 5 ppm	< 5 ppm
MAINTENANCE PERIOD	24 months	24 months	24 months
WARRANTY	24 months	24 months	24 months
BIO DECONTAMINATION	Bio decontamination starts from the first minute, up to 90% inactivation is achieved within 24 hours.		
INACTIVATION EFFECT	All kinds of Microorganisms, Viruses (including Covid 19) Bacteria, Mold, Fungus, Pollen. etc		





OUR CERTIFICATES

- ✓ CERTIFICATION CE
- ✓ 10002 2018 THE CUSTOMER SATISFACTION
- ✓ ISO 13485 2015 MEDICAL DEVICES QUALITY MANAGEMENT
- ✓ TSE
- ✓ 14001 2015 ENVIRONMENTAL MANAGEMENT SYSTEM
- ✓ 9001- 2015 QUALITY MANAGEMENT SYSTEM
- ✓ ATTESTATION OF COMPLIANCE CE
- ✓ 45001 2015 THE OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT





INDOOR AIR QUALITY

Clean Teknoloji CT PRO MAX
CT PRO M

In case you needed another reason to get off the couch and out into the woods on a waterfall hike, now you have it. You'll be sharper. You'll be more productive. You'll be invigorated. And you'll be happier..



Nanogenair®



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Akasya Residence
TOWER

