NOVA
AIR

Don't HIDE
Don't KEEP
***DESTROY**

AIR CLEANING DEVICE WITH OZONE

*%99

The world has changed, your air also needs to change!

Better Air: **NOVA**

Nova Air not only provides clean air but also provides Fresh Air to the environment as it should be.

Now, it is in your hands to provide clean, healthy and quality air, which is the most important reward that nature provides to you.

Breathe to live a happy and peaceful life.

NOVA AIR

DON'T HIDE DON'T KEEP **DESTROY!***

Brief information about the use of Ozone in healthcare!

*Ozone was discovered in 1781 by the Dutch doctor Martinus van Marum and synthesized in 1840 by the German chemist Christian Friedrich Schönbein.
In the following years, medical use in the world has increased, as healthcare professionals show more attention to how ozone is effective and what its benefits are, and with the rapidly rising number of ozone therapists around the world, the number of patients recovering from ozone has also increased.

** Kaynak: ISCO3 (The International Scientific Committee of Ozone Therapy) ISCO3's oficial document.*

How does it appear on earth?

Ozone gas, the main ingredient of which is Oxygen, is produced by the rays from the sun (Ultraviolet) and by the high-voltage electric arcs that occur during lightning strikes, it is completely natural.

Is it an earthy smell? or Ozone gas?

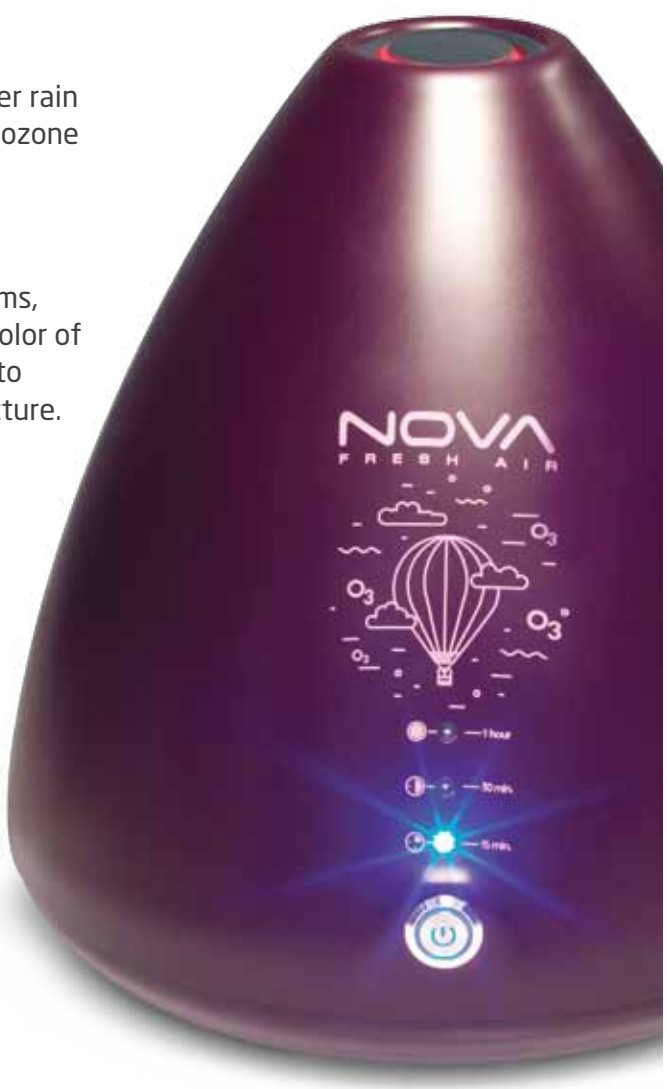
The odor that we call earthy and refreshing after rain and storms is the smell of Ozone and of course ozone gas.

The only throttle that can't be copied! (Molecule)

Ozone Gas, which consists of three oxygen atoms, cannot be stored in any way, it gives the blue color of the celestial dome above our head and turns into oxygen in a short time due to its unstable structure.

Streilization with Ozone Gas

Ozone gas has a strong place in the cleaners with the same claim thanks to its natural germicidal feature on the earth. Ozone is the strongest known oxidant and is 3.125 times more effective than Chlorine. Disinfection inactivates pathogens, but sterilization kills.



What is this Air Pollution?

We can call "Air Pollution" that the unnatural chemical and microbiological pollutants in the atmosphere, such as smoke, gas, dust, odor and impure water vapor, not only negatively affect the health of us and all breathing creatures, but also increase in material damage.

What caus Air Pollution?

From heating, Industry, Pesticides and Trafic!

How are buildings are made today?

In order to save energy, the transformation of buildings into reinforced concrete structures with almost no permeability, chipboard, synthetic fibers, wall paints, laminate flooring, plastic windows and furniture that replace natural wood, marble and natural fibers can be dispersed in the indoor air like all chemical pollutants produced from petroleum and they can accumulate.

Air pollution that threatens our indoor environment the most!

House dust

Household dust includes food and food preparation residues, hair and skin scrap from our and animal friends, textile fibers, furniture and construction material waste, cleaners.

Biological pollutants

In our house, fungi and spores, toxins, bacteria, viruses, insect and mite droppings, animal wastes, pollen from plants can have pathogenic, toxic and allergic effects.

Chemical pollutants

Textile dyes originating from carpets and rugs, curtains, seat covers, etc.

Sources
https://www.ttb.org.tr/STED/sted1100/3.html

1- Amman H.M., Berry M.A., Health Effects Associated with Indoor Air Pollutants, EPA 600-D-87, 324, 1987
2- Appleby P.H. Building Related Illness, British Medical Journal, 313:674-677, 1996
3- Fishebein L., Henry J.C., methodology for Assessing Health Risks From Complex Mixtures in Indoor Air, Environ. Health Pers. 95:3-5, 1991
4- Güler Ç., Çobanoğlu Z., Kapalı Ortam Hava Kirlenmesi , Çevre Sağlığı Temel Kaynak Dizisi No:9, 1994

5. Harley N.H., Harley J.H., Potential Lung Cancer Risk From Indoor Radon Exposure , Ca, A. Cancer Journal for Clinician, 265-275, Sep-Oct1984

What contaminants do these products emit?

- Carbon Dioxide
- Carbon Monoxide
- Volatile Organic
- Compounds
- Nicotine
- Formaldehyde
- Radon
- Asbest
- Lead

Why is this hidden threat ignored?

The impacts of indoor air pollution are generally not taken into account because they emerge in a long time and do not threaten life and health directly or urgently.

What are the possible effects on our health?

Asbest
Asbestosis, lung cancer, mezotelyoma

Karbon monoxide
Headache, nausea, lethargy, loss of consciousness, effects on cardiovascular system, death

Environmental cigarette smoke
Respiratory system diseases in children, lung cancer

Formaldehyde
Eye and upper respiratory tract irritation, headache, nausea, sensitization, cancer

Nitrogen oxides
Headache, nausea, respiratory system effects respiratory system diseases in children

Volatile organic compounds
Eye and upper respiratory tract irritation, headache, nausea, sensitization, cancer

Biological particles
Allergic reactions, eyes and upper respiratory tract (house-dust fungi, fungi ashes, pollen bacteria and viruses)

Radon
Lung Cancer

The effect of polluted air on our skin (Premature aging)

Pollutants in the air penetrate the skin barrier and cause premature aging of the skin with problems such as acne, dull and dry skin, eczema, skin allergies, rashes, wrinkles and loss of moisture and elasticity.
Most importantly, we do not have the chance to notice the effects of air pollution, especially on "our skin", and if they are not taken seriously, these pollutants can cause many dangerous diseases, including skin cancer.

NOVA AIR

What is Allergic Asthma?

Allergic asthma, which is a nightmare of spring and summer months, affects approximately 25 percent of the society. Allergic flu, which slows down daily mental and physical routines that reduce the quality of life, disrupts sleep patterns, causes asthma if not treated. Small particles called allergens cause allergic asthma in the lungs and allergic conjunctivitis in the eyes.

The pollutant sin confined spaces that cause Allergic Asthma!

Cigarette smoke,
Some perfumes and body lotions,
House dust mites,
Mushrooms,
Mold spores,
Pet hair,

Respiratory transmitted diseases

When adults, children and animals interact with each other in closed areas, the air that is inhaled becomes the source of infectious infections.

Ways of transimssion

Small particles (5 um)
Coughing, sneezing, or talking
Large droplets that can travel long distances
With close contact, reaching the mucous membranes of the susceptible person
With droplets settling from contaminated surfaces on hands, waste, objects,
eyes, nose, throat and respiratory tract mucosa.

Respiratory Diseases

- Flu (common cold)
- Tuberculosis
- Pharyngitis,
- Chicken Pox,
- Measles,
- Mumps
- Pertussis
- Diphtheria
- Meningitis

Respiratory Viruses

- **Coronavirus**
- nfluenza A ve B
- Parainfluenza 1,2,3
- Adenovirus (A-E)
- Rhinovirus (bir çok altgrub)
- RSV (A,B)
- Metapneumovirus
- SARS
- İnfluenza C
- Parainfluenza 4
- EBV
- Enteroviruslar
- Human Herpes virus
- CMV

Then Ozone!

Today, air pollution caused by many factors gives an alarm in order to take urgent measures all over the world. At this stage, we can provide with our own means the conditions of these environments, which are absolutely necessary for the protection and improvement of the health of you and the people in the environments you are responsible for, and to increase their quality of life.

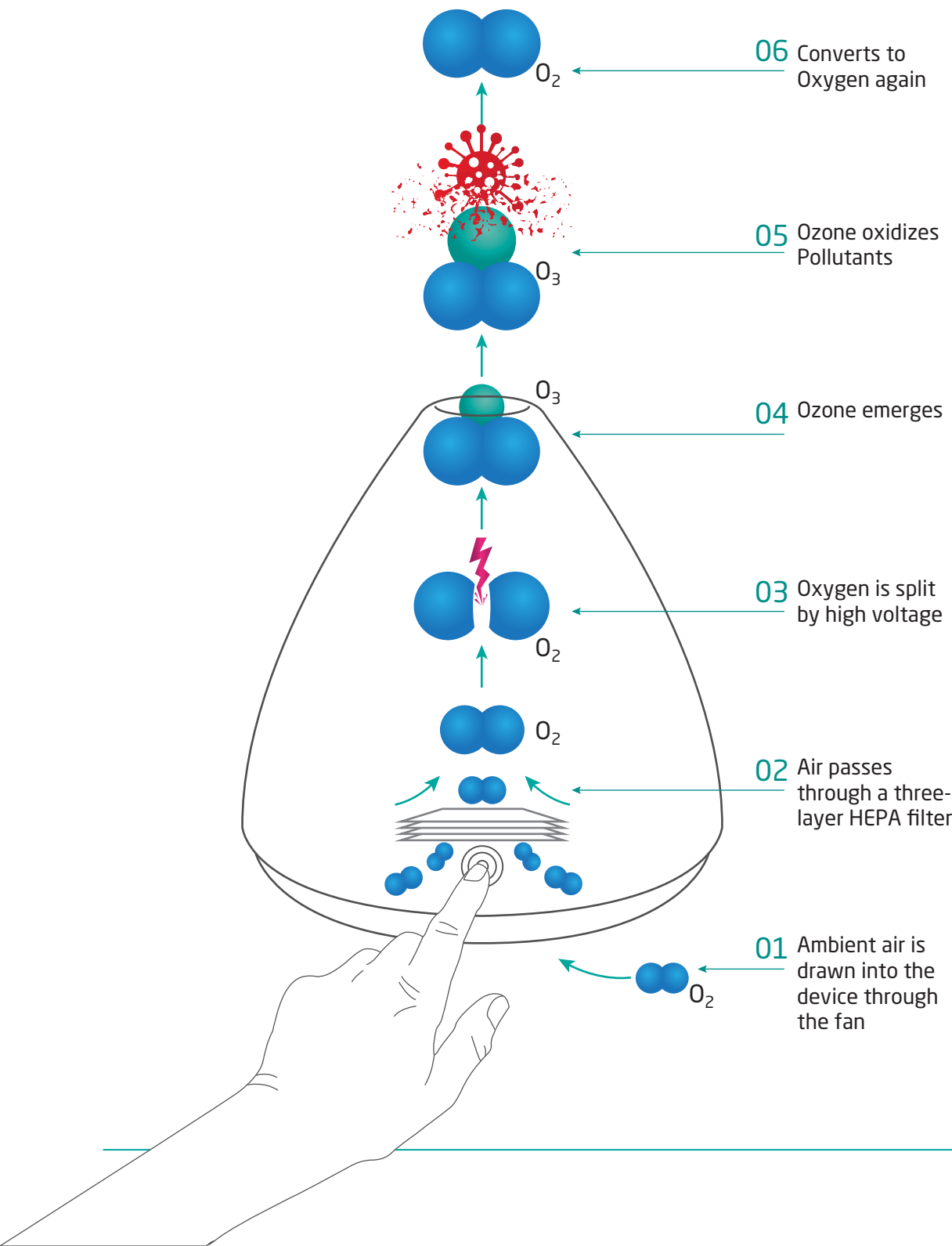
Ozone technology, which nature uses miraculously, provides a clean and healthy environment by eliminating 99% of the physical, chemical and biological microparticles formed in the environment, while increasing the amount of oxygen in the environment, providing the fresh air necessary for us to breathe.

Its effectiveness is against bacteria, viruses etc. It shows by destroying 99% of biological microorganisms such as not by trapping them.

NOVA AIR

NOVA AIR's method of cleaning the air!

When using Nova Air, you do not use any chemical consumables and no toxic waste is generated, so it does not leave any harmful residue to the human body compared to other cleaning types.

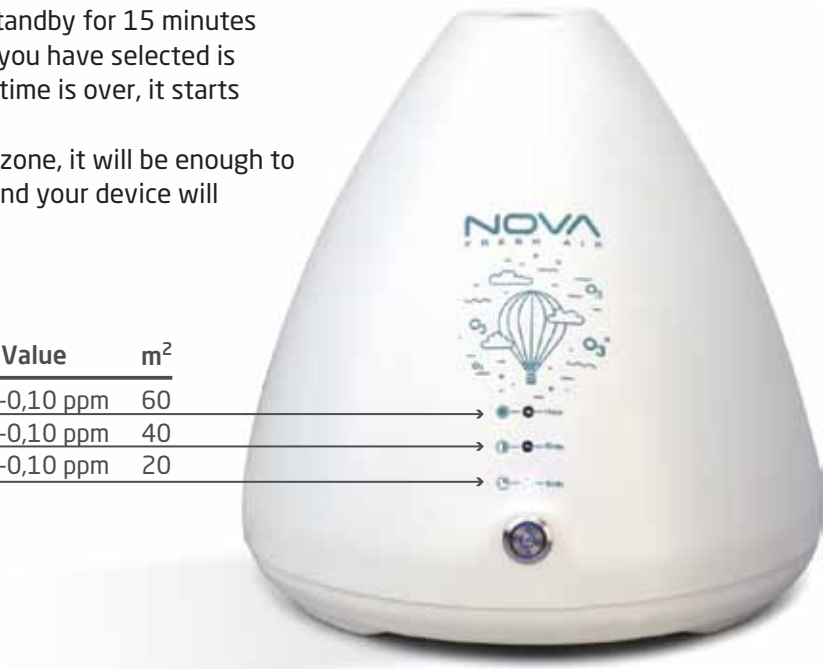


User friendly!

The Nova, controlled by only one button is a user-friendly device with three different time and cubic meters options.
Energy button;
15 minutes when you press once,
30 minutes when you press twice consecutively,
If you press it three times consecutively, you have given the ozonation command for 1 hour.

Your device switches to standby for 15 minutes when the ozonation time you have selected is completed, and when the time is over, it starts ozonating again.
If you do not want to do ozone, it will be enough to press the energy button and your device will it will stop completely.

Level	Time	Ozone Value	m^2
3.Led	60 minutes	08,-0,10 ppm	60
2. Led	30 minutes	08,-0,10 ppm	40
1. Led	15 minutes	08,-0,10 ppm	20



Where can you use it?

- SCHOOLS
- OFİCES
- GYMS
- LOCKER ROOMS
- HOTEL ROOMS
- WAITING ROOMS
- HOSPITALS AND PATITENT ROOMS
- HOMES
- KID ROOMS
- RESTROOMS AND TOILETS
- KINDERGARDENS

NOVA AIR







OZON

ANALYSIS RESULTS

SUBJECT OF ANALYSIS	APPLICATION FIELD (M3)	APPLIED OZONE DOSE (ppm)	CONTACT TIME (min)	RESULT
Long Term Determination (TWA of Volatile Organic Compound (VOC) Concentration in Ambient Air *Sampling of the benzene parameter in ambient air with the determined cc / min flow rate for 120 minutes, determination of the volatile organic compound (VOC) amount by photo ionization detector in gas chromatography.*	20 m^3	0.03-0.06 ppm	30 Mins	*%99
Medium Respirable Dust Determination of Concentration *Sampling with 2200 cc / min flow rate for 4 hours using HD cyclone head in the ambient air and analyzing gravimetrically.*	20 m^3	0.03-0.06 ppm	30 Mins	*%99
Determination of Ambient - Gas and Vapor (Formaldehyde) Concentration *Reporting of the relevant parameter in the ambient air by sampling and determination.*	20 m^3	0.03-0.06 ppm	30 Mins	*%99
Combustion Gases (CO, CO2, O2, SO2, NO, NO2)	20 m^3	0.03-0.06 ppm	30 Mins	*%99
Determination of Moisture in Ambient Air	20 m^3	0.03-0.06 ppm	30 Mins	*%99
Total Colony Count / (Bacteria)	20 m^3	0.03-0.06 ppm	30 mins	*%99
Yeast-Mold (Fungi)	20 m^3	0.03-0.06 ppm	30 Mins	*%99

* *extermination rate*

çevtest **TÜRKAK Accreditation Certificate (TS EN ISO/IEC 17025),**

TS EN ISO / IEC 17025 has the qualification requirements in the experimental laboratories established in accordance with the standard.

SAĞLIKLI O3 OZONLAMA

OZONE AIR CLEANING DEVICE

BURGUNDY WHITE ANTRACİTE

Don't HIDE
Don't KEEP
DESTROY!*

*%99 rate

Online Satış Sitesi **www.novafreshair.com**

Nova Fresh Air

novafreshair

0530 020 83 13

HAS Medical Equipments

Yenişehir Mah. 1145/1 Sok. No: 74 Konak / İzmir-TÜRKİYE
Tel : +90 232 433 38 33
Faks : +90 232 433 38 08
www.hasmedical.com / info@hasmedical.com

Salutem OZON

Parseller Mah. Taşköprü Cd. No:33 / A
Ümraniye / istanbul - TÜRKİYE Tel: +90 0216 660 00 95
+90 0533 621 97 98 (EXPORT & IMPORT)
wwww.salutemozon.com / info@salutemozon.com

Turkey Discover the potential