Project ion shield.

Standard Magnetic Technologies - America. Professor Yuri Tkachenko.

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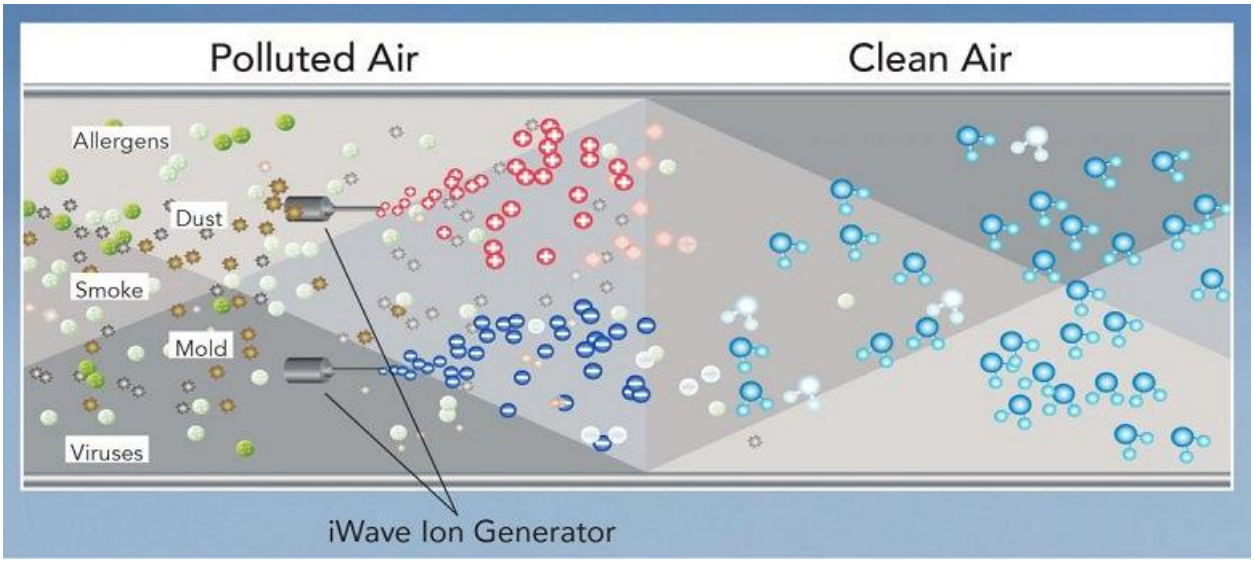
Positive and negative ions.



NEUTRAL ATOM. POSITIVE ION. NEGATIVE ION,

Ionic balance:

Bear in mind that the ionic balance of the atmosphere has changed dramatically in the last century, mainly due to industrialization. As a result, the concentration of positive ions increased, and they, as you know, are the main culprits of electromagnetic radiation and environmental pollution. Ions can be found in our bodies, and enter our bodies through the air (through breathing or through the skin). Passing through the blood, they spread throughout the body. The presence of negative magnetic ions in our products can help the body increase the absorption of negative ions, thereby helping to overcome the negative effects of positive ions.

Our vitality directly depends on the composition of the atmosphere. Inhaled air prolongs our life or significantly shortens it.

Why do mountain dwellers live longer and less megalopolises? Why do we feel better at the waterfall or in the forest?

What is an ion?

The air is filled with scanty atoms in constant motion and having an electric charge (electrons). Facing each other, atoms exchange their charges. We know this phenomenon as static electricity, we meet it by combing, dressing or taking off synthetic clothes. Having lost or gained an electron, a neutral atom turns into an ion, a particle with an unequal number of protons and electrons.

If there are more electrons, the ion has a negative charge and is called a negative ion, anion or air ion.

If there are fewer electrons, the ion has a positive charge and is called a positive ion or cation.

Our environment and our body include both types of ions.

From which our life potential depends more.

Positive ions Health effects

An excess of cations in the air causes poisoning of the body and manifests itself:

increased production of serotonin - a hormone-neurotransmitter, an active participant in the processes of transmission of nerve impulses to the brain.

Overproduction of the hormone of happiness is dangerous and disrupts the normal functioning of the whole body: thermoregulation, biorhythms, circulatory and cardiac systems, etc.

With an excess of positive ions in the air:

A person experiences mood swings, anxiety, fear, insomnia,

fatigue, tension and anxiety.

Nervousness, unexplained insecurity, depression.

Frequent colds that threatens with diseases of blood vessels, heart, atherosclerosis, premature old age.

Sources of cations (positive ions)

In nature, positive ions are usually formed by strong winds, dust, humidity and pollution. Their level increases dramatically before a thunderstorm.

Our modern cities, homes, offices, workplaces are the main generators of positively charged ions.

Positive ions are formed:

factories, plants, workshops, any production;

electromagnetic radiation of electrical appliances - computers, Internet routers, printers, televisions, refrigerators, microwaves, hair dryers, telephones, air conditioners.

fluorescent lamps, building and finishing raw materials, artificial wood and all kinds of other polymeric materials - carpets, curtains, bedspreads, towels, furniture upholstery;

car emissions;

cigarette smoke.

In the conditions of a big city, when airing does not sufficiently refresh and purify the air, our housing and offices have become like prisons with positive ion potential.

Negative ion generator.

Negative ions

The atmosphere, as well as the composition of our body, includes both positive and negative ions. Ions are atoms with a positive or negative charge, and they both play an important role. Maintaining a balance between positive and negative ions is crucial in maintaining good health in general, and given that we are more prone to positive ions, and wearing negative magnetic ions in jewelry creates a balance. A negative ion is also called anion - it is an atom with an excess of electrons and has a negative charge.

The benefits of negative ions on the human body.

The main benefits of negative ions for the human body include cleansing the blood, boosting the immune system, activating cells, and tuning the autonomic nervous system. The interaction of negative ions and the human body is part of the science of electro-or electromagnetic healing, or bio-electromagnetic healing.

Negative Ion Health Benefits:

Studies show that negative ions in the air significantly affect our energy and health levels. The houses and offices in which we live do not let negative ions pass through. Computers, fluorescent lamps, air conditioners and modern building materials produce positive ions in abundance. Positive ions can make us feel tired, depressed, nervous exhaustion.

Providing an ionic balance around us can help us overcome the fatigue associated with a stressful lifestyle. Negative ions can also destroy certain types of bacteria and viruses in the air that cause colds, flu, and respiratory infections. Moreover, negative ions play an important role in helping to detoxify and enhance the well-being of the body. The calmest and most refreshing places in the world contain a high level of negative ions: waterfalls, mountains, beaches and forests, where the ionic balance in the air is perfect.

Healing properties with regular use of negative ion generators:

- **Increases immunity.**
- **Improve blood circulation and strengthens the cardiovascular system.**
- **Helps improve digestion.**
- **Stabilize brain function.**
- **Relieve allergies and respiratory diseases.**
- **The ability to purify blood.**
- **Reduces stress and fatigue.**
- **Promotes cell rejuvenation.**

In fairly high concentrations, negative ions purify the air from mold spores, pollen, pet hair, odors, cigarette smoke, bacteria, viruses, dust and other harmful particles in the air. Thus, the removal of harmful elements from the air and eliminates breathing problems and health.

Where to look for negative ions? One cubic centimeter of air at the foot of the waterfall contains 50,000 useful ions; in the mountains - from 8,000 to 12,000; by the sea or ocean 4,000; in the forest 3,000; on the street after a thunderstorm from 1,500 to 4,000; in rural areas from 500 to 1,200. And also in the sun, at fountains and springs, in the shower.

Project ion shield of professor Yu. Tkachenko.

Generator of weather design Yu. Tkachenko. Allows you to receive up to 20 million negative ions in one cubic centimeter of atmospheric air!

The ion shield is able to completely protect large cities from viruses and bacteria!

To clear atmospheric air in cities of exhaust gases and dust.

Destroy strong mists.

That is why, the massive use of ion generators to protect large cities and industrial centers from the threat of CORONA VIRUS is the most important task of governments, all countries of the world.

Thermal stability of the atmosphere. Air temperature.

Thermal stability is characterized by a vertical difference in air temperature? T. The dependence of the parameter P on ΔT is found in the layer from the ground to the level of AT925gPa or AT500gPa. The relationship between P and ΔT is most significant under inversion conditions, with an inverse linear correlation.

On average, air pollution is increased when calm is accompanied by surface inversion, ie, in a situation of stagnant air. During stagnation, there is practically no air transport and its vertical mixing is sharply weakened.

At the same time, under conditions of stagnation, a high level of air pollution is not always observed .. In such conditions, periods with P> 0.2 are observed only in 60 - 70% cases. This means that along with the process of transport and dispersion of impurities, there are other factors that determine the level of impurity concentrations in the city.

One of these factors is the thermal state of the air mass, characterized by the air temperature. In winter, pollution is most often detected as the temperature drops. This is primarily characteristic of anticyclonic weather, when stable thermal stratification is established at low air temperatures. In addition, with a decrease in temperature, the amount of fuel burned increases and, consequently, the amount of emissions of harmful substances into the atmosphere. Thus, an increase in air pollution with a decrease in temperature is associated not only with the thermal state of the air mass, but also with accompanying factors [].

In light winds, air pollution in the city in some cases increases with an increase in air temperature. This is most clearly revealed in winter in conditions of stagnant air that persists throughout the day. Thus, the situation of stagnant air combined with relatively high temperatures is unfavorable. Significant air pollution in winter is also detected when relatively high temperatures are accompanied by wind speeds of no more than 4-5 m / s. Such conditions are usually observed in warm sectors of cyclones.

Temperature inversions, which characterize the features of the stratification of the lower troposphere, are also among the unfavorable weather conditions. Inversions formed at a certain height from the surface of the earth (raised inversions) create an obstacle (ceiling) for vertical air exchange. In this case, an increase in the ground concentration of an admixture from emissions from high sources depends significantly on the height of the lower inversion boundary above the source and on the height of the source itself. If the inversion layer is located directly above the pipe, then anomalous, very dangerous pollution conditions are created due to the limitation of the rise of emissions and obstacles to their penetration into the upper atmosphere. The increase in the maximum concentration of impurities near the ground in these conditions is approximately 50-70%. If the layer of weakened turbulence is located at a sufficiently high altitude from the source (200 m or more), the increase in the concentration of the impurity will be small. With increasing distance from the source, the effect of the retarding layer increases. At the same time, the temperature inversion layer located below the emission level will prevent the transfer of impurities to the ground.

For urban conditions, with a large number of low emission sources, hazardous conditions for accumulation of impurities are created during surface and elevated inversions, since both lead to a weakening of vertical scattering and transport of impurities.

Impact of air pollution on human health and living conditions. Atmospheric air and health.

Environmental problems in large cities are directly related to the high concentration of road transport and industrial enterprises located in relatively small areas. As a result, the delicate ecological balance is disturbed.

Studies carried out at different times confirm the fact that there is a direct connection between the emissions into the atmosphere of a mixture of various pollutants and a wide range of diseases. However, it is not often possible to associate a disease that has arisen with any one pollutant. Basically, health is affected by a complex of harmful emissions.

How does polluted air affect health?

As scientists have established, about 10% of harmful substances enter the air due to natural phenomena. For example, due to volcanic eruptions, accompanied by ash emissions, as well as the release of acids, including sulfur, and poisonous gases that are harmful to health.

In addition, decomposing plant residues supply sulfuric acid to the air. In addition, forest fires contribute to air pollution. They are sources of smoke that envelop large areas of the earth's surface. Dust storms also contribute negatively.

It must be said that the air we breathe is saturated with various microorganisms, including pollen, bacteria, and mold fungi. This greatly affects the health of many people, causing allergies, asthma attacks, and infectious diseases.

The remaining 90% of air pollutants are industrial products. Their main sources are emissions and smoke from fuel combustion at power plants, numerous open areas for the storage of solid waste (municipal solid waste), as well as a variety of mixed sources.

Harmful substances that enter the atmosphere are carried over considerable distances, after which fall to the ground in the form of solid particles, chemical compounds that are dissolved in precipitation.

Ways of influence of dirty air on human health.

Harmful substances have a negative impact on human health in several ways:

Harmful substances, poisonous gases enter directly into the human respiratory system.

Pollution increases the acidity of atmospheric precipitation ... Falling out as rain and snow, harmful substances disrupt the chemical composition of soil and water.

Once in the atmosphere, they cause certain chemical reactions in the air atmosphere, which provoke a longer exposure to solar radiation on living organisms.

Globally change the chemical composition, air temperature, thus creating unfavorable conditions for survival.

What diseases provokes air pollution?

Harmful substances in the atmosphere affect people in different ways. This depends on the health of the person, the volume of his lungs, and the length of time spent in the polluted atmosphere.

Inhaled large particulate matter has a negative effect on the upper respiratory tract. Small particles and toxic substances enter the small respiratory tract, as well as the alveoli of the lungs.

Constant, prolonged and regular exposure to harmful substances from the inhaled air and tobacco smoke disrupts the human defense system. As a result, diseases of the respiratory system occur: allergic asthma, chronic bronchitis, cancer and emphysema of the lungs. Moreover, people who constantly breathe polluted air may experience all the consequences of this not immediately, but in the long term.

As scientists have established, dirty air in cities significantly increases the number of citizens' calls to ambulance services and subsequent hospitalization for lung diseases, heart disease and strokes.

Previously, studies were conducted solely on the negative impact of a dirty atmosphere on the human respiratory system, since it is it that is the organ of primary contact with pollutants. Recently, however, more and more facts have appeared showing that not only the respiratory organs, but also the human heart suffer from this.

Diseases caused by harmful substances in the air are recorded more and more often. These include, first of all, acute and chronic bronchitis with sputum secretion, infectious diseases of the lungs, cancer of the respiratory system, heart disease, strokes and heart attacks.

In addition, research data confirmed the fact that toxic substances contained in exhaust gases have a negative effect on pregnant women. They are capable of delaying the development of the fetus, and can also provoke premature birth.

Ambient air and public health

In conclusion:

According to the ETC / ACC (European Topic Center for Air Quality and Climate Change), 455,000 cases are reported each year in the 27 EU member states early death from air pollution.

In general, approximately 85% of all diseases of a modern person are associated with constantly deteriorating environmental conditions that arise through his own fault.

But in addition to this, in addition to diseases known to science, there are new, unknown and unexplored ailments, the causes of which are very difficult to establish. In this regard, we must not forget that human health is the most important of his capital. It was given to him by nature initially, and if you lose it, it will be very difficult to replenish it later.

Remember this and be healthy!

Proposal for a way to combat Corona Virus.

20-01- 2020. Dubai. United Arab Emirates.

Leaders of all countries of the world!

Governments of all countries of the world!

It is necessary to apply the Comprehensive Virus Control Method.

To prevent the spread of the corona virus, it is necessary to apply the Comprehensive Virus Control Method.

Including neutralization of the Corona virus in the ambient air.

For this it is necessary to carry out:

Ionization of the premises of the mass gathering of the population.

Ionization - Hospitals and Clinics.

Mosques. Churches. Stadiums.

Supermarkets. Cinemas.

Ionization of the atmosphere of large megalopolises and industrial centers by weather generators designed by Yuri Tkachenko.

Install magnetic systems on the main water pipelines.

Install magnetic systems in all drinking water factories.

Install magnetic systems in all public pools.

Give animals to drink exclusively with magnetic water.

In especially difficult cases!

For people Sick of the corona virus, perform Magnetic treatment of blood and blood plasma.

A complete package of scientific documentation for practical application, available.

Professor Yuri Tkachenko. Scientific director. Magnetic Technologies Companies - Dubai.

20-01- 2020. Dubai. United Arab Emirates.