

Ion Research

Negative Ions reduce and/or destroy bacteria, viruses and other microbes

U.S. Dept. of Agriculture

A recent study by the U.S. Dept. of Agriculture found that ionizing a room led to 52% less dust in the air, and **95% less bacteria in the air** (many pollutants reside on floating dust particles).

Agriculture Research Service

The Agriculture Research Service of the U.S. Dept. of Agriculture tested the effectiveness of Ionizers for removing dust in a poultry hatchery. The dust level is very high in such an environment. In this study, **the use of an ionizer resulted in dust removal efficiencies that averaged between 81.1% and 92.2%**. The airborne transmission of salmonella (to the eggs) was also significantly reduced as a result.

Journal of Hygiene

Scientists showed that **ionization reduced bacterial levels in burns and plastic surgery units by over 96% after a two week period**, which results in much better and more rapid healing of patients.

Journal of Applied Microbiology

The use of **Negative Ions was found by scientists to reduce the presence of airborne viruses by about 40%**. A study featured in a 1987 issue showed that Negative Ions are free from any adverse side effects.

Negative Ions improve asthma and other respiratory conditions

"It's all in the numbers"

In Britain, two Oxford University statisticians conducted a study among victims of asthma, bronchitis, and hay fever. The sample was randomly selected from a list of people who had purchased a Negative Ion Air Purifier. Through interviews, they found that 18 of 24 asthmatics, 13 of 17 bronchitis sufferers, 11 of 12 hay fever victims, and 6 of 10 suffering from nasal catarrh, reported that the product had noticeably improved their condition. A few even reported that it cured their condition. (Soyka, 1991)

"You gotta like these odds"

In the early 1960s, Dr. A. P. Wehner used Negative Ion Air Purifiers to treat over 1,000 patients in the United States suffering from various respiratory ills, such as bronchial asthma, pulmonary emphysema, laryngitis, bronchitis, dry hacking cough, upper respiratory tract infection, and allergies. He reported that the symptoms completely disappeared in 30.3% of the cases, improved significantly in 42.3% of the cases, showed some improvement in 20% of the cases, and showed no signs of improvement in 7.4% of the cases. (Wehner, 1962)

"There is nothing subjective about a bawling baby"

Brazilian hospitals now commonly use Negative Ion Generators to treat breathing problems, after a test involving 36 children with asthmatic allergies. In each case, the problem was consistent or crippling. During the treatment, only one of them suffered an asthma attack. Afterward, no attacks were suffered by any of the children that sustained regular negative ion therapy. (Soyka, 1991)

Negative Ions are needed in order to take in oxygen

"The more the better"

Fred Soyka, the author of "The Ion Effect", reports that based on over 5,000 Scientific Documents that have been published regarding Negative Ion Studies, all support the conclusion that an overload of Negative Ions seems to be beneficial. (Soyka, 1991)

Negative Ions help prevent respiratory-related illnesses

"I hope I'm in group one."

In a study conducted in a Swiss textile mill, Negative Ionizers were placed in two, 60' by 60' rooms, each containing 22 employees. In one room, the Negative Ion Electronic Air Cleaner was turned ON during the course of the study. In the other room, the Negative Ion Air Purifier was permanently turned OFF, although the employees in this room were led to believe they were working in a room enriched by Negative Ions. During this six-month study, only 22 sick days were lost by employees working in the room in which the Negative Ionizer was operating. In the room where the machine was NOT operating, a total of 64 days were lost to sickness. During a month-long flu epidemic, the first group lost a total of 3 days to sickness, while the second group lost a total of 40 days to sickness. (Stark, 1971)

"We liked them so much . . ."

In a Surrey University study at the Norwich Union Insurance Group headquarters, eight Negative Ion Generators were placed in the Computer and Data Preparation Section. Before the test, the research team spent a month compiling incident rates for complaints of sickness and headaches. During the test in which the Negative Ion Air Purification Systems were in operation, **incidents of sickness and headaches were reduced by 78%**. After testing was completed, the Norwich Union opted to keep the Negative Ion Electronic Air Cleaners. (Soyka, 1991)

Negative Ions help prevent migraine headaches

Migraine headaches originate when an overload of serotonin causes the diameter of blood vessels leading to the brain to dilate and get wider in the brain. Consequently, blood flow increases and pain receptors in the vessels are stretched which leads to the excruciating pain associated with a migraine headache (Borne, 1998). **In numerous tests and studies, Negative Ion Treatment has proven to prevent overproduction of serotonin – therefore, the subsequent migraine headaches.** (Kreuger, 1957; Sulman, 1974; Soyka, 1991;)

Negative Ions are a natural anti-depressant . . . and, without the side effects!

In a study conducted by Columbia University, 25 people with SAD (Seasonal Affective Depression) sat in front of a Negative Ion Air Purifier for a half hour every morning for a month. Half the subjects were given a low level of Negative Ions, and the other half a high level. **The higher level of Negative Ion Treatment proved to be as effective against SAD as antidepressants** such as Prozac & Zolof – AND, without the side effects of these drugs. (Finley, 1996)

Negative Ions enhance mental performance and concentration

In the study conducted by Surrey University at the Norwich Union Insurance Group Headquarters, the employees in the computer and data preparation section that were exposed to **high levels of Negative Ions showed a 28% increase in overall task performance.** (Soyka, 1991)

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