



Proud to Be Indian

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INDIA

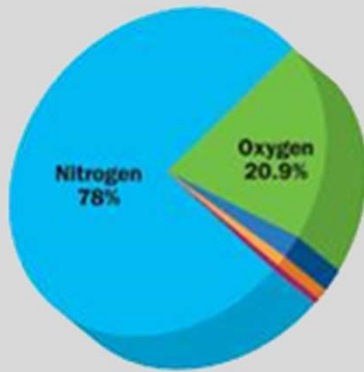


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How Air Should be to Breath ?



Argon gases
0.90%

Other gases
0.17%

Carbon dioxide
0.03%





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Major Indoor Pollutants

| Indoor pollutant | Sources |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Carbon monoxide | Cooking Fuel/Tobacco combustion |
| Fine particles | Cooking Fuel/Tobacco combustion, cleaning, fumes from cooking oil |
| Nitrogen oxides | Cooking Fuel combustion |
| Volatile and semi-volatile organic compounds | Cooking Fuel/tobacco combustion, furnishings, construction materials, fumes from cooking, consumer products |
| Aldehydes | Furnishing, construction materials, cooking |
| Dust | Carpets, furnishings and dust from outside |
| Asbestos | Wear or demolition of construction materials |
| Lead | Wear of painted surfaces |
| Biological pollutants | Moist areas, ventilation systems, furnishings |
| Cigarette and cooking Smoke | Cooking & Tobacco consumption |
| Hair | Pets & Human |
| Stale Air | Air-Conditioners |
| Foul Odor/Methane | Cooking, Air-Conditioners and defecation |



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Effect of Pollutants on Human Beings

In polluted cities, crowded areas and in confined spaces such as offices, industrial areas, schools and cars, you will find the highest concentration of unhealthy positive ions pollutants.

Results

Experiencing headache, uneasiness or sudden nausea in an overcrowded room is a common problem. Sometimes even in an air-conditioned room you might experience these problems. Reason? Lack of negative ions in the room.





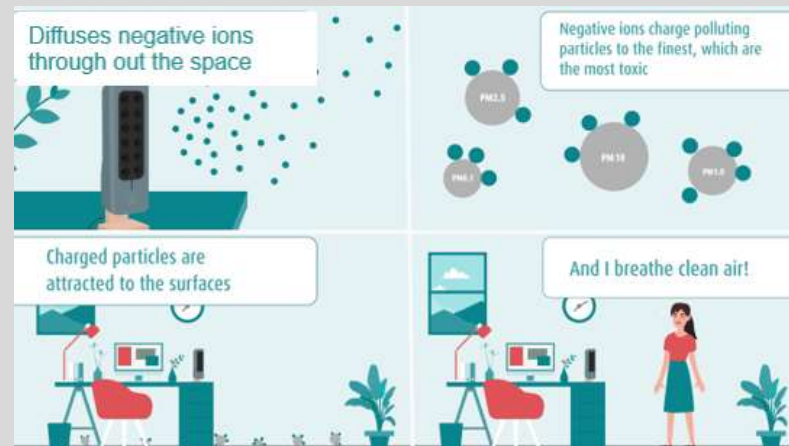
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How to Improve IAQ

Mamco Deodorizer (Filter) with Negative ion is a filter that releases negative ions. Negative ions, or Anions are particles with one or more extra electrons conferring a net negative charge to the particle. Pollutants are positive charge particles. To neutralize these positive charge pollutants a negative ions is required





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Solution...

a green solution ...

For the Air Conditioning & Refrigeration

Air Quality system



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Negative ions are abundant in nature, especially around waterfalls, on the ocean surf, at the beach and after a storm



- Negative ions is that they clear the airborne allergens such as pollen, mold spores, bacteria and viruses.
- It also clear the dust, pet dander and cigarette smoke present in the air
- Negative ions perform this function by attaching themselves to positively charged particles
- Result, these viruses, bacteria and pollen spores become too heavy to remain airborne and are thus prevented from entering our breathing passage where they can make us fall sick
- In other words, negative ions form a protective circle around us.



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Negative Ion

NEGATIVE ions are GOOD for us POSITIVE ions are BAD for us



- Professor Phillip Lenard, the winner of Nobel Prize for Physics, discovered that the risk of disease can be greatly reduced by breathing in fresh air. Negative ions are like vitamins in the air and are abundant in the forest.



- The Niagara Falls is said to be the biggest natural negative ion generator in the world with more than 100,000 negative ions per/cm³ in the air

❖ *Long life* Ion Deodorization Filter



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Generation of Negative Ions by Natural Ores and Ceramics Natural Material



Honeycomb Block



Porous Foam



Non Woven Media



Mesh fabric



High quality
Brazilian
tourmaline
powder
coated on
porous
media



Functional Natural Ores is coated on Porous body by means of spray, padding, dipping or mounding into blocks – when air is passed through these media a good amount of negative ions generated, which can be measured by Ion meter



Tourmaline Natural ore generates a very small amount of electricity when not in motion when external force is applied to its surface, it generate Negative ions



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Benefits

- This device produce large amount of negative ion, which absorbs a positive charge, odour, bacteria, pollens, smog and harmful gases



Benefits :

- Freshen-up the air in the room
- Improves sleep quality
- Strengthens immune system
- Speedy recovery from exhaustion
- Depression free IAQ





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Positive effects of Negative Ions on Human Beings :

- remove bacteria,
- vitalize our cells,
- improve metabolism, power of concentration, and vigilance,
- eliminate fatigue,
- improve resistance to illness,
- contribute to our overall physical and mental wellbeing





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Proud to Be Indian Useful for Refrigerator Atmosphere

- Why do fresh fruit and vegetables tend to look bad only a few days after you've bought them?
- The way we store food inside our refrigerator is critical
- A smart device in the refrigerator, provides the perfect, stable air quality inside the refrigerator microclimate for each stored items



The perfect Negative Ion atmosphere in a closed space – like a refrigerator – food is exposed to plenty of bacteria, but the process of Ionization eliminates up to 95% of harmful microorganisms and bacteria. It also neutralises food odours, even the strongest of them, like onions



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Benefits in the Refrigerator Atmosphere

- Thanks to Naturally Negative Ion generating technology, the refrigerator atmosphere became into the perfect environment – like a second garden – for all our fresh and tasty fruits & vegetables. And everything else, from exotic sharp cheeses, fish and spiced meats to eggs, a piece of cake or a subtle salad, gets the treatment it well deserves

Negative Ions (anions) purify the refrigerator atmosphere by means of neutralisation of all pollutants present inside the Freeze, which are having positive charge the process known as Ionisation



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