About CRUSADERS

'Crusaders Technologies India Pvt. Ltd.', established in 1991 having its headquarters in New Delhi, is a manufacturer and distributor of AIR PURIFIERS since the year 2004. We are the pioneers in the Portable Air Purifier segment in India, with a pan India presence having various branches as well as franchise and retail partners.

Crusaders, as a company is making Air Purifiers, especially in accordance with the Indian Environmental Conditions.

Our research through the years has helped us develop products with the Best Filtration Technology at the Best Price.

Having invested heavily into our factory and with the help of our R&D department, the company has come up with professional, household, and all categories of Air purifiers. We have a cutting edge advantage over all local and imported brands of Air Purifiers.

We are a growing brand having service network in all major cities across the country to ensure high standard of after sales service for greater customer satisfaction.

Furthermore, the company has credible certifications like CE, GS, UL, ETL, etc. for all of our products, including the ISO 9001:2000 Quality Assessment Certificate.

Our customer segment is so wide that right from the Office of the President of India, our presence can be felt in the most common man's house. Hence with a huge variety of customer segment, which includes top Business heads, CMD's of various PSU's, Offices of Defense, leading Doctors and Hospitals & almost all the departments of GOVT of INDIA, already using our air purifiers.

With years of investment in quality and customer satisfaction we can very proudly claim that CRUSADERS AIR PURIFIERS are the BEST in the country and MADE FOR INDIA.
**WHY AIR PURIFIER?**

**Pollution makes city smog worse every year: CSE CLEARING THE AIR** Study blames Delhi govt for not tackling problem

**Delhi is India’s Asthma Capital**

**Hard to breathe**

**Delhi Govt’s remains silent:**

**Delhi’s Air Quality:**

**What Others Do**

**Park’s plan:**

**What we do:**

**WHO’s Call:**

**Inside Delhi’s smog: In its quest to clean up city’s air, Delhi carbon imports and cooling systems are going up by 10 fold. The market share of diesel cars is soaring. In the absence of high emission vehicles from the road, Delhi’s air pollution levels have increased.**

**Indoor air pollution kills 13mm Indians**

**Trouble in the air**

**Indoor air pollution kills 13mm Indians**

**Veggies full of river toxins**

**Pollution level rising, govt turns a blind eye**

**Then and Now**

**Then:**

**Now:**

**Problems?**

- Air pollution cuts life of Indians by 3.4 years - Study June 8, 2016 | PTI
- Indoor air in Delhi is not fit to breathe- Survey June 3, 2016 | PTI
- Air pollution increases risk of heart attacks- November 9, 2015 | PTI
- 1.3 Million people die every year In India cause of INDOOR AIR POLLUTION- WHO Study
- 1/3 of world's Asthma Patients are from INDIA.
- 2 people die from TB every 3 minutes.
- Average INDOOR AIR POLLUTION in INDIA is 300mg/m³ of Air, WHO norm is 24mg/m³.
- 1 Hour of passive smoking = 10 Cigarettes.
- WHO estimates 5 years in reduction of life with such high pollution levels.
- INDIA DOES NOT HAVE A NORM FOR INDOOR AIR POLLUTION.
- 1 Out of 5 children under the age of 5 years die due to this.
OUR SUPERIOR TECHNOLOGY

You need the CRUSADERS TRUE FILTRATION TECHNOLOGY because POLLUTED AIR IN INDIA contains:

- Dust
- Pollen
- Odours
- Pet Dander
- Dust Mites
- Bacteria
- Viruses
- Toxic Gases

and Lack of Freshness

DIRTY AIR

CLEAN AIR

Automated Remote Control Panel
Odour Sensors
Advanced Monitoring Sensors

Efficient and Effective Air Flow
Washable Pre-Filter
Electrostatically Charged Plasma Array
Activated Carbon Filter
HEPA Filter

TiO₂ Photo catalyst Oxidation Filter
Ultra Violet Light
Negative Ions

TRusted & CERTIFIED
KNOW YOUR AIR PURIFIER

How To Choose The Right Purifier ??

1. Many companies are selling air purifiers today, some are popular brands, some lesser known brands and some importing a cheap product.

With most of these companies, the product is made for a foreign environment and not as per Indian pollution requirements. Another major issue lies with the cost as well as the shorter duration of the replacement for HEPA & Carbon filters.

2. Don't believe photoshop images (created on software), where 2 or 3 filters are shown as 9 or 10 filters.

3. With many of the air purifiers available today your air only gets half clean.

If you’re serious about cleaning the dirty air inside your home and office you need a handful of the very best technologies built into your air purifier. One, two or even three technologies won’t do. That’s not nearly enough. The air is just too dirty.

With the Crusaders Air Purifier Machine you have 7 leading edge technologies built into a single machine. And it is very affordable as compared to the 2 or 3 technology air filters being sold by others.

The Crusaders Air Purifier Machine is brilliantly designed to thoroughly clean the air inside your home or office.

4. Complicated names like Nano-e, Plasmacluster, VitaShield IPS, Nano Cloud, iCluster etc. are names created by some companies.

There is no real technology behind these names, since most are selling you the same Negative Ions (or Free Radicals OH-) or a combination of 2 or 3 filters present in their machines.

5. Some companies claim to purify 0.02 micron with 99.97% efficiency and others mostly say 0.3 micron with 99.97% efficiency. What is the truth?

HEPA (High Efficiency Particulate Arrester) is a filter, which can trap, 0.3 micron size of particle with an efficiency of 99.97%

ULPA (Ultra Efficiency Particulate Arrester) is a filter, which can trap, 0.1 micron size of particle with an efficiency of 99.97%

Minimum Efficiency Reporting Value (MERV) is a standard that rates the overall effectiveness of air filters. Higher value MERV rating equates to finer filtration, meaning fewer dust particles and other airborne contaminants can pass through the filter.

CRUSADERS uses a MERV 17 rated HEPA filter and the best is a MERV 20 rating given to 0.1 micron filters with 99.99% efficiency also known as ULPA filters.

There is no such thing as 0.02 micron HEPA. It's a false claim.
CRUSADERS AIR QUALITY METER (PM2.5 Laser Meter)

- The PM2.5 Laser Meter can give real-time reading for PM2.5 size of particles (40 times smaller than the width of your 1 hair).
- Uses laser particle sensors, which are more accurate (error rate of 1 μg/m³) as compared to normal dust sensors using IR.
- Per second reading uses a complex algorithm, to compute the concentration value in μg/m³.
- Auto – standby option in case of ideal time of 2 minutes.
- Has built-in Li-Ion rechargeable battery for long working hours.
- Compact, convenient and portable.

MRP: ₹ 5,999/-

CRUSADERS CAR AIR PURIFIER CF-88

- A 6 Stage physical filtration system
  - HEPA filter 0.3 micron
  - Activated carbon filter
  - Photo-Catalyst filter (TiO2)
  - UV Lamp
  - Negative ions
  - Aromatherapy

- Compact, convenient and portable design connects to the car charger.
- Effectively trap particles, odors, bacteria, allergens, dust etc. by 99.7% and destroy harmful fumes, VOCs (Volatile Organic Compounds) and mold.
- Efficient ionizer emits more than 5 x 10⁶ ions/cc
- 2 Fan speeds available
- Can be placed on the Dash or strapped at the back of the Headrest.
- Has Anti-slide feet
- 1 Year Brand Warranty

MRP: ₹ 6,500/-

CRUSADERS AIR PURIFIER XJ-2800

- Best in class 6 Stage physical filtration system
  - Washable Pre filter
  - Electrostatic charged Plasma filter
  - Activated carbon filter
  - HEPA filter 0.3 micron
  - UV Lamp
  - Negative ions

- Portable & Light Weight Table top Air Purifier for small rooms
- Area covered up to 260 Sq ft / 25 Sq mtr. (approx.)
- Clean Air Delivery rate (CADR) = 120M³/hr
- Power consumption – 45W
- Dimension (mm) – 300x193x315 ; Each Filter Size (mm) – 195x225
- Weight – 3.2Kg
- 1 Year Brand Warranty

MRP: ₹ 12,000/-
CRUSADERS AIR PURIFIER XJ-2900

Best in class 7 Stage physical filtration system

- Pre Filter + Cold Catalyst Filter
- Activated carbon filter
- Anti Bacterial Filter 1 micron
- HEPA filter 0.3 micron
- UV Lamp
- Negative ions

- Portable & Light Weight Air Purifier for Small to normal size bedrooms
- Area covered up to 320 Sq ft. / 30 Sq mtr. (approx.)
- Clean Air Delivery rate (CADR) – 280M³/hr
- Wind Speed Adjustment - Timer Mode - Smart ION & UV mode
- 3 Speed Fan - Timer Mode (1-12 Hours) - ION & UV (On / Off mode)
- Power consumption – 43W
- Remote – YES
- Dimension (mm) – 330x180x505 ; Each Filter Size (mm) – 290x320
- Weight – 4.5Kg
- 1 Year Brand Warranty

MRP : ₹ 16,500/-

CRUSADERS AIR PURIFIER XJ-3100

Best in class 7 Stage physical filtration system

- Washable Pre filter
- Activated carbon filter + Molecular sieve adsorption filter
- HEPA filter 0.3 micron
- Photo-Catalyst Filter (TiO2)
- UV Lamp
- Negative ions

- Portable & Light Weight Air Purifier for small to medium size rooms
- Area covered up to 500 Sq ft. / 50 Sq mtr. (approx.)
- Clean Air Delivery rate (CADR) – 470M³/hr
- 3 Speed Fan - Auto Mode (Based on Dust / Odour Sensor) - Timer Mode (1/2/4/8 Hours) - ION & UV (On / Off mode)
- Power consumption – 45W
- Remote – YES
- Filter Replacement Indication - YES
- Dimension (mm) – 348x190x556 ; Each Filter Size (mm) – 260x390 ; Weight – 5.9Kg
- 1 Year Brand Warranty

MRP : ₹ 23,000/-
CRUSADERS AIR PURIFIER XJ-3800-1

The ONLY 7 Stage physical filtration system in a portable air purifier in India

- Washable Pre filter
- Electrostatic charged Plasma filter
- Activated carbon filter
- HEPA filter 0.3 micron
- Photo-Catalyst Filter (TiO2)
- UV Lamp
- Negative ions

- Easy to move & Light Weight Air Purifier for Small to Big Room
- Area covered up to 750 Sq ft. / 70 Sq mtr. (approx.)
- Clean Air Delivery rate (CADR) – 548M³/hr
- 4 Fan Speed – Auto Mode (Based on Dust / Odour Sensor)- Timer Mode (1/2/8 Hours) - ION & UV (On / Off mode)
- Power consumption – 80W
- Remote – YES
- Filter Replacement Indication - YES
- Dimension (mm) – 343x255x610 ; Each Filter Size (mm) – 280x330
- Weight – 6.8Kg
- 1 Year Brand Warranty

MRP : ₹ 30,000/-

CRUSADERS AIR PURIFIER XJ-3900A

Best in class 6 Stage physical filtration system

- Washable Pre filter
- Activated carbon filter
- HEPA filter 0.3 micron
- Photo-Catalyst Filter (TiO2)
- 15 UV LED BULBS
- Negative ions

- Portable & Light Weight TOUCH PANEL Air Purifier for Small to Big Rooms
- Area covered up to 850 Sq ft. / 75 Sq mtr. (approx.)
- Clean Air Delivery rate (CADR) – 650M³/hr
- 4 Speed Fan – Auto Mode (Based on Dust / Odour Sensor)- Silent Mode
- Power consumption – 65W
- Filter Replacement Indication - YES
- Dimension (mm) – 365x210x645 ; Each Filter Size (mm) – 300x400
- Weight – 7.2Kg
- 1 Year Brand Warranty

MRP : ₹ 33,500/-
CRUSADERS AIR PURIFIER XJ-4001B

- Smart Air Purifier with APP for controls and monitoring PM 2.5 levels in your home/office
- XJ-4001B Air Purifier with real-time Digital PM 2.5 Air Quality Indicator
- Best in class 6 physical Stage filtration system
  - Washable Pre filter
  - Activated carbon filter
  - HEPA filter 0.3 micron
  - Photo-Catalyst Filter (TiO2)
  - UV Lamp x 2
  - Negative ions
  - Portable Air Purifier for Small to Big Rooms
  - Area covered up to 915 Sq ft. / 85 Sq mtr. (approx.)
  - Clean Air Delivery rate (CADR) – 450M³/hr
  - 4 Speed Fan - Auto Mode (Based on PM2.5 Reading) - Timer Mode (1/4/8 Hours) - ION & UV (On / Off mode)
  - Power consumption – 55W
  - Remote - YES
  - Filter Replacement Indication – YES
  - Dimension (mm) – 402x186x624 ; Each Filter Size (mm) – 330x428
  - Weight – 8 Kg
  - 1 Year Brand Warranty
  - MRP : ₹ 38,000/-

CRUSADERS AIR PURIFIER XJ-5000A (Ceiling Mount)

- India's first Cassette Air Purifier
- Exclusive 7 Stage filtration system
  - Washable Pre filter.
  - Electrostatic Plasma Filter
  - Activated carbon filter
  - HEPA filter 0.3 micron
  - Photo-Catalyst Filter (TiO2)
  - UV Lamp x 4
  - Negative ions
  - Ceiling mount Air Purifier (like the cassette AC) for Small to Big Rooms
  - Area covered up to 1100 Sq ft. / 102 Sq mtr. (approx.)
  - AIR FLOW RATE (Max) – 800 M³/hr
  - 3 Speed Fan
  - Power consumption – 125W
  - Remote – YES
  - Dimension (mm) – 650x650x365 ; Each Filter Size (mm) – 450x450
  - Weight – 20 Kg
  - 1 Year Brand Warranty
  - MRP : ₹ 95,000/-
CRUSADERS FRUIT & VEGETABLE PURIFIER

- Special design for kitchen, Meat / Fruit & Vegetable cleaning
- Can be used for cleaning Utensils / Baby Products / Table ware
- Can be used to make Ozone water for Bathing / Face Wash / Manicure / Pedicure etc.
- Ozone output – 450 mg/hr
- Timer from 0 to 60 minutes
- Wall mountable
- ON / OFF Switch

How to use for Fruits & Vegetables

- Put the fruits and vegetables into the basin / big bowl then fill the basin / bowl with water.
- Connect the air stone with the silicone tube to the unit, put the air stone into the basin. Turn the knob to 10-20 minutes for 1 Kg of produce, the surface pesticide & residues are decomposed, the vegetables will retain their freshness for a longer period of time.

MRP : ₹ 5,200/-

OZONE CAR PURIFIER CRU-C5

- Hand Crafted Plug-In Design
- OZONE AIR PURIFIER FOR CAR
- Eliminates odors, bacteria etc. inside the Car
- Fits all DC 12V Car charging sockets.
- Auto Mode – Continuous cyclic mode of ON (20 seconds) & OFF (30 seconds)
- Ozone Output – 5 mg/hr (with built-in timer).
- Chemical free, Not harmful for health
- Ozone < 0.05 PPM

MRP : ₹ 2,100/-
OZONE AIR PURIFIER CRU-T1B (Big Room)

- Hand Crafted
- Stainless Steel Tower Design
- OZONE AIR PURIFIER FOR BIG ROOM
- Eliminates odors, bacteria etc.
- Knob to control the output level of Ozone
- Chemical free, Not harmful for health
- Covers around 450 sq ft. area
- Plasma Ions – $4 \times 10^6$ ions/cc
- Ozone Output – 60 mg/hr (no timer)
- Ozone < 0.05 PPM

MRP: ₹9,990/

OZONE AIR PURIFIER CRU-T2D (Small Room)

- Beautiful flower pot design
- OZONE AIR PURIFIER WITH IONIZER FOR SMALL ROOM
  - MODE 1 – Only IONS
  - MODE 2 – Only OZONE (30 mins)
  - MODE 3 – OZONE (5 mins) then IONS (25 mins) – Cycle
- Eliminates odors, bacteria etc.
- Covers around 200 sq ft. area.
- Negative Ions – $5 \times 10^6$ ions/cc
- Ozone Output – 200 mg/hr (with built in timer)
- Chemical free, Not harmful for health
- Ozone < 0.05 PPM

MRP: ₹8,990/
OZONE AIR PURIFIER CRU-M1 (Toilets)

- Slim Design, Plug n Play
- OZONE AIR PURIFIER for Toilets / Kitchen etc.
- Eliminates odors, bacteria etc.
- Covers around 50-60 sq ft area
- Toggle Switch to set on CONTINOUS MODE / CYCLE MODE
- Cycle Mode – light keeps flashing ON for 45 seconds OFF for 90 seconds
- Ozone Output = 40 mg/hr (with built in timer)
- Power Consumption: < 4W
- Chemical free, Not harmful for health
- Ozone < 0.05 PPM

MRP : ₹ 3,150/-

OZONE AIR PURIFIER CRU-M5 (Toilets)

- Slim Design, Plug n Play
- OZONE AIR PURIFIER for Toilets / Kitchen etc.
- Eliminates odors, bacteria etc.
- Covers around 50-60 sq ft area
- Manual Button to Switch ON. Press The Center Button (CRUSADERS LOGO) to start, then auto OFF after 30 Mins.
- Negative Ions = 8 x 106 ions/cc
- Ozone Output = 50 mg/hr (with built in timer)
- Power Consumption: < 5W
- Chemical free, Not harmful for health
- Ionizer is ON all the time when the Mains is switched ON
- Ozone < 0.05 PPM

MRP : ₹ 3,450/-
OZONE AIR PURIFIER CRU-M6 (Public Toilets)

- Slim Design, Can be fixed on the wall and connected to the mains
- OZONE AIR PURIFIER for Toilets / Kitchen etc.
- Eliminates odors, bacteria etc.
- Covers around 50-60 sq ft area.
- Auto-cycle ON (15 seconds) then OFF (30 seconds)
- Ozone Output – 40 mg/hr (with built-in timer)
- Power Consumption: < 4W
- Chemical free, Not harmful for health
- Ozone < 0.05 PPM

MRP: ₹ 3,600/-

CRUSADERS REFRIGERATOR OZONATOR

- The newly launched Ozonator can be kept on the top shelf of the refrigerator.
- It can also be used in closets, rooms with dampness smell, areas where you have issues of mold.
- Eliminates Odors and stops growth of mold and fungi in your Fridge / Closets
- Battery Operated – hence can be positioned anywhere
- Dramatically reduces foul smell
- Neutralizes the harmful bacteria promoting a clean environment
- Keeps Food Fresher, Longer by delaying mold and decay of your perishable foods – including fruits and vegetables
- Chemical free, Not harmful for health
- Ozone < 0.05 PPM

MRP: ₹ 3,395/-
MORE THAN 1,000,000 CLIENTS

EMBASSIES & FOREIGN ORGANISATIONS

NEW ZEALAND IMMIGRATION
UNIDO
UNICEF
AUSTRALIAN HIGH COMMISSION
SOUTH AFRICAN EMBASSY
EMBASSY OF ISRAEL
EMBASSY OF KENYA
EMBASSY OF LITHUANIA
OFFICE OF POLISH INSTITUTE
EMBASSY OF TURKISH REPUBLIC
EMBASSY OF THE REPUBLIC OF IRAN

GOVT. INSTITUTIONS

MINISTRY OF TOURISM, GOVERNMENT OF INDIA
SEAL SAIL
ET risi
GAIL
Punjab National Bank
ALLAHABAD BANK
POWER FINANCE CORPORATION LIMITED
INDIAN AIR FORCE
COAL INDIA LIMITED
EVENEMENTINA SADHAN
BMC
CISE
ACROSS DIFFERENT VERTICLES

MEDICAL INSTITUTIONS

CORPORATES

AND A VERY LARGE NO. OF PEOPLE USING IN THEIR HOMES...
USER REVIEWS

Thank you Mr. Uppal for admiring our decorous conduct and delighting our team with your wonderful comments.

Our team at CRUSADERS TECHNOLOGIES and our Area Sales Manager, Benuka Sharma are grateful to you for an awesome review. This has given us the impetus to better our services and win more acclamations.

To: indians crusaders@hotmail.com
Hi Benuka,
I just wanted to thank you for professionalism and punctuality. It is very refreshing to see someone show up for a meeting promptly on time. Thank you for respecting my timing.
I have now been using the Air Purifier for over a week and I have seen a distinct difference in my breathing when I'm sitting at home and the machine is on. I no longer wake up with a stuffy nose and the taste of dust no longer lingers in the room. I am very happy with this change in the quality of air. I can at least breathe purer air when at home.
I will surely be recommending your product to all my friends.
Many Thanks,
Vishal Uppal

Thank you Mr. Arif Noorani for your wonderful comments about our products and services. You're our valued customer.

CRUSADERS TECHNOLOGIES is delighted to read your mail.
It is your supportive feedback that inspires us to excel.

Also, we are grateful for the pleasure of serving you and meeting your expectations.

To: indians crusaders@hotmail.com
Hi Benuka,
I would like to thank you for introducing me to the Air Purifiers that are being sold by your company. As you are aware that we have bought two machines from you, one for our office and one for my bedroom. I would like to inform you that I am very satisfied with the performance of the machines, and once the interiors of the other part of the office is done I would be buying other units from you. Even at my house, the results are very good. You can expect other orders from me for the house also.
I wish your company well, and I am sure that with the kind of top-class product that you furnish, you should be able to sit well in the Mumbai market. I will also revert back to you as I get feedback from my other clients.
Best Regards
Arif Noorani

Thank you Mr. Nityanand Rana for your wonderful comments about our products and services. You're our valued customer.

CRUSADERS TECHNOLOGIES is delighted to read your mail. It is your supportive feedback that inspires us to excel.

Also, we are grateful for the pleasure of serving you and meeting your expectations.

To: ctipl@outlook.com
Dear Ankur Chawla,
Delivery date: On or about 3-2-2016
Today's date: 3-May 2016

RECOMMENDATION:
I have used for average 18 hours a day the Crusaders Xi-49018 Floor Console Air Purifier since I purchased it exactly two months ago. Before the air purifier with the window open, my sinus were always congested with the outside dust and dirty rain brought in and often I would wake up at night with plugged noses. Now with the Xi-49018 in my small 400 square foot studio apartment, my sinuses have cleared and my breathing and sleeping are greatly improved. I live at the junction of two streets, very much away from the city in the countryside and even have the air filter from rain-laden farming dust and even rural road pollution, that most of the dust and the every day dust of auto exhausts, so there is no escaping the pollution, it is everywhere in India. My friend came to visit me and after he came into my room and the door was shut, the first thing he said was that the air was so fresh and he could feel the difference, and since he has returned to his home in Crusaders ordered his own Xi-49018 for his home. It's not only me who feels the difference. This air filter has been a very good purchase for me and after studying and researching many sites sold in India I highly recommend Crusaders.

Nityanand Rana
(Chairman)
GSIIN2434245

TO WHOM IT MAY CONCERN

This is to certify that CTIPL has been using Crusaders for the last two years and has been satisfied by the quality of the product.
APPLICATION

HEALTH CARE
- OT / ICU
- Maternity Wards
- Doctor’s Chambers
- OPD Clinics
- Waiting Rooms
- Diagnostic Centers
- Pathological Lab
- Patient Wards

INDUSTRY
- Diamond Cutting / Printing Units
- Food Processing Units
- High Precision Equipment Rooms
- R & D Centers
- Data Centers / Services Room
- Clean Rooms

LIFESTYLE
- Hotels / Lodges
- Guest Rooms / Saloons
- Showrooms / Gyms / SPA
- Banquet Halls / Restaurants
- Movies Hall / Discotheque
- Lounges / Hookah Bars / Cafes

INSTITUTIONS
- Schools / College
- Studios / Creches / Day Care
- Call Centers / BPO
- Board Rooms
- Conference Rooms
- Office Cabins
- Currency Chests
NEGATIVE IONS = IMMUNITY

WHAT ARE NEGATIVE IONS??

Negative ions are odorless, tasteless, and invisible oxygen atoms with an extra electron that we inhale in abundance in certain environments.

Photosynthesis releases trillions of ions, which creates the effect of early morning freshness, or think of mountains, waterfalls, and beaches where you feel freshness in air.

Once they reach our bloodstream, negative ions are believed to produce biochemical reactions that increase levels of the mood chemical serotonin, helping to alleviate depression, relieve stress, and boost our daytime energy.

The human body is surrounded by ions; therefore, the function of electrons inside and outside the cells has significant influence on the human body.

It makes the body strong if good ions are taken. Here is a chart for NEGATIVE IONS v/s IMMUNITY.

**CORRELATIVE TABLE OF ANIONS & HEALTH**

<table>
<thead>
<tr>
<th>Concentration</th>
<th>Correlation with Immunity</th>
<th>Ambience</th>
</tr>
</thead>
<tbody>
<tr>
<td>≤50 ions/cc</td>
<td>Induce physiological impediment</td>
<td>Tight air-conditioned room / Apartment in metropolis</td>
</tr>
<tr>
<td>1,000-2,000 ions/cc</td>
<td>Meet the essential demand for health</td>
<td>Outskirts and fields</td>
</tr>
<tr>
<td>5,000-50,000 ions/cc</td>
<td>Increase one's immunity &amp; resistance to disease</td>
<td>Early Morning during Photosynthesis</td>
</tr>
<tr>
<td>50,000-100,000 ions/cc</td>
<td>Kill bacteria &amp; reduce infection disease</td>
<td>High mountain and seashore</td>
</tr>
<tr>
<td>100,000-500,000 ions/cc</td>
<td>Self recovery from disease</td>
<td>Waterfall and forestry</td>
</tr>
</tbody>
</table>

Source – WebMD
COMMON MYTHS & FACTS

NEGATIVE IONS, UV AND OZONE MYTHS AND FACTS

Myth: "Ozone" and "Negative ions" refer to the same thing.
Fact: No. They are very different. A negative ion is an oxygen atom with an extra electron. It is odorless. Ozone is an oxygen molecule consisting of three oxygen atoms. You can smell ozone.

Myth: Ozone and negative ions perform exactly the same functions in purifying the air.
Fact: The functions they perform are as different as night and day. Negative ions rid the air of pollen, dust, etc.: stuff you can see under a microscope. Ozone cannot. Negative ions also can improve mood. Ozone cannot do that, either. Ozone gets rid of odors, microbial pollutants etc.: stuff at the molecular level.

Myth: Too high a level of negative ions in the room is bad for you.
Fact: Negative ions have not been found to be harmful even in very high concentrations. Just the opposite has been found the case. In fact, there are patents using high-density negative ions to treat depression.

Myth: Using UV (Ultra Violet) Light will lead to production of Ozone.
Fact: AIR PURIFIERS use a UV having a wavelength of 254 nm, which is also called UV-C in the broad spectrum of UV.

(Ultraviolet germicidal irradiation (UVGI) is a disinfection method that uses short-wavelength ultraviolet (UV-C) light to kill or inactivate micro-organisms by destroying nucleic acids and disrupting their DNA, leaving them unable to perform vital cellular functions. UVGI is used in a variety of applications, such as food, air, and water purification.)


CRUSADERS AIR PURIFIERS using UV-C (Ozone Free) are tested for North American Safety Standards (ETL certificate from Intertek) and conforms to all guidelines of EPA (America).
CRUSADERS TECHNOLOGIES INDIAN PVT. LTD.

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