



**CRUSADERS
AIR PURIFIER**

...Since 2004

**YOUR RIGHT
TO PURE AIR**





**CRUSADERS
AIR PURIFIER**
...Since 2004

About CRUSADERS

'Crusaders Technologies India Pvt. Ltd.', established in 1991 having its head quarters 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.



Product Agenda Room



Incoming Quality Control



Large Products Assemble Line



Plastic Injection Workshop



Small Product Assemble Line



Test Laboratory



Plastic Injection Workshop



Mould Processing Workshop



CRUSADERS AIR PURIFIER

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WHY AIR PURIFIER?

Pollution makes city smog worse every year: CSE

CLEARING THE AIR

 Study blames Delhi govt for not tackling problem

Darpan Singh
@darpan.singh@indiatimes.com

NEW DELHI Don't dismiss the continuing smog as a mere weather phenomenon, the Centre for Science and Environment (CSE) warned in its latest report released on Tuesday.

The CSE made light of the Delhi government's attribution of the smog to the approaching winter and pointed out the real reason — a manifold increase in pollution levels. It warned that whenever the smog lifts it will come back with renewed vigour, as the factors responsible continue to persist.

"Every winter, the Capital faces smog but this year, it's particularly severe because of rising pollution," she said. "Other countries have prevented such severe pollution episodes through aggressive measures. Why can't Delhi do the same?" said Anurita Roychowdhury, who is in-charge of the air pollution and transportation programme at CSE.

HARD TO BREATHE

DELHI GOVT'S REFRAIN: Onset of winter responsible for smog

CSE REPORT SAYS: Not a weather phenomenon; pollution is to blame

POLLUTANTS: Apart from particulate matter, nitrogen dioxide, carbon monoxide, ozone and benzene levels are playing havoc — most of these come from vehicles

WAREHOUSING CALL: Govt orders study, asks environment dept to explain

inside P4

DELHI FIRST: Smog is here to stay



SANJEEV VERMA / PT PHOTO

WHAT OTHERS DO

PARIS: When it's smoggy, a shorties citizens stop driving into the city, and use public transport instead.

MEXICO CITY: Polluting vehicles not allowed to enter city.

BERLIN: Older vehicles barred from entering city centre

According to the CSE report, Delhi has exhausted all its soft options. It has also lost the air quality gains accrued through the scrapping of vehicles from diesel to CNG.

"Against 550-odd new per-

sonal vehicles a day, Delhi adds 1,100 new. The market share of diesel cars is 60%. The next steps need to be control not only the rising pollution but also the high 'richness of pollutants,' said Roychowdhury.

Capital has more toxic particles in its air than other major Indian metros

DELHI IS INDIA'S ASTHMA CAPITAL

Delhi has the highest concentration of asthma patients in India, according to a study by the Centre for Science and Environment (CSE). The study also found that Delhi has the highest number of asthma deaths in the country.

TROUBLE IN THE AIR | 7.16.25.2015

Indoor air pollution kills 1.3mn Indians

Conor O'Grady

Environment

INDIA'S

INDOOR AIR POLLUTION

INDOOR AIR POLLUTION

INDOOR AIR POLLUTION

INDOOR AIR POLLUTION

INDOOR AIR POLLUTION

INDOOR AIR POLLUTION

INDOOR AIR POLLUTION

INDOOR AIR POLLUTION

High levels of pollution, especially in the kitchen, are responsible for the deaths, according to a report by the WHO.

WHO estimates that 1.3 million Indians die every year from indoor air pollution.

The WHO report also found that indoor air pollution is a major cause of heart disease and lung cancer.

The WHO report also found that indoor air pollution is a major cause of asthma and COPD.

The WHO report also found that indoor air pollution is a major cause of premature death.

The WHO report also found that indoor air pollution is a major cause of disability.

The WHO report also found that indoor air pollution is a major cause of economic loss.

The WHO report also found that indoor air pollution is a major cause of environmental damage.

The WHO report also found that indoor air pollution is a major cause of social inequality.

The WHO report also found that indoor air pollution is a major cause of global warming.

The WHO report also found that indoor air pollution is a major cause of climate change.

Beating The Winter Asthma Blues



Winter is a common time for asthma symptoms to flare up. This is because of the dry air and the cold temperatures. To help manage your asthma during the winter, you should avoid outdoor activities and use a humidifier in your home.

For asthmatics...

It is important for asthmatics to take their medication as prescribed and to avoid triggers such as colds and allergies. They should also avoid smoking and second-hand smoke.

They should also avoid exposure to air pollution and use an air purifier in their home. They should also avoid driving in traffic and use public transport instead.

They should also avoid wearing heavy clothing and use a scarf to cover their mouth and nose. They should also avoid drinking alcohol and using recreational drugs.

They should also avoid stress and get enough sleep. They should also avoid eating fatty and sugary foods and eat a healthy diet.

They should also avoid taking over-the-counter medications and consult their doctor for any changes to their medication.

Then and Now



Pollution level rising, govt turns a blind eye

SHOCKING FIGURES: Smog levels in Delhi have increased 10 times in the last 10 years.

The CSE report also found that the Delhi government has not taken any effective measures to reduce air pollution. It has only focused on increasing the number of CNG vehicles.

The CSE report also found that the Delhi government has not invested in public transport. It has only focused on building roads and highways.

The CSE report also found that the Delhi government has not invested in green spaces. It has only focused on building parks and gardens.

The CSE report also found that the Delhi government has not invested in water and electricity infrastructure. It has only focused on building schools and hospitals.

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- 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.

Problems ?



Asthma



T.B.



Flue/Allergies



COPD



Cancer

www.indiancrusaders.com



**CRUSADERS
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OUR SUPERIOR TECHNOLOGY

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

contains



DUST



POLLEN



ODOURS



PET DANDER



DUST
MITES



BACTERIA

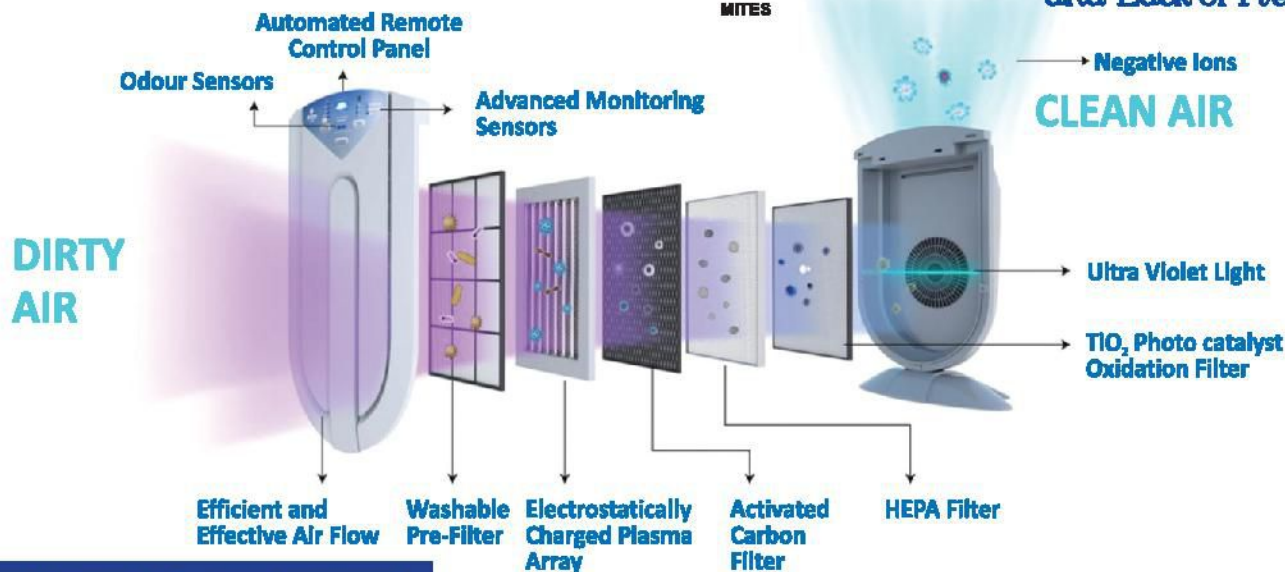


VIRUSES



TOXIC
GASES

and Lack of Freshness



TRUSTED & CERTIFIED



CRUSADERS AIR QUALITY METER (PM2.5 Laser Meter)



**CRUSADERS
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- ⊙ The PM2.5 Laser Meter, can give real time reading for PM2.5 size of particle (40 times smaller than the width of your 1 hair)
- ⊙ Uses laser particle sensors, which are more accurate (error rate of 1 $\mu\text{g}/\text{m}^3$) as compared to normal dust sensors using IR.
- ⊙ Per second reading uses a complex algorithm, to compute the concentration value in $\mu\text{g}/\text{m}^3$.
- ⊙ Auto – standby option in case of ideal time of 2 minutes.
- ⊙ Has in-built Li-Ion rechargeable battery for long working hours.
- ⊙ Compact, convenient and portable.

MRP : 6,999/-



CRUSADERS CAR AIR PURIFIER XJ-1100

A 4 Stage physical filtration system

- Anti Bacterial Pre Filter
 - HEPA filter 0.3 micron
 - Activated carbon filter
 - Negative ions
- ⊙ Compact, convenient and portable design, connects to the car charger.
 - ⊙ Dual Fan machine for higher suction and air flow
 - ⊙ Air Flow Rate – $20\text{M}^3/\text{hr}$
 - ⊙ Effectively trap particles, PM2.5/PM10, odors, bacteria, allergens, dust etc. by 99.97%.
 - ⊙ 2 Fan speeds available. Purifies the car cabin within 10 mins.
 - ⊙ Can be placed on the Dash (comes with anti slide pad)
 - ⊙ 1 Year Brand Warranty

MRP : 7,500/-

CRUSADERS AIR PURIFIER XJ-2100

Best In class 6 Stage physical filtration system

- Washable Pre filter
 - HEPA filter 0.3 micron
 - Activated carbon filter
 - Photo-catalyst filter
 - UV LED Bulbs
 - Negative ions
- ⊙ Portable & Light Weight Air Purifier with Digital Air Quality Monitor (AQI)
 - ⊙ Area covered up to 300 Sq ft.
 - ⊙ Air Flow Rate – $220\text{M}^3/\text{hr}$
 - ⊙ 3 Speed Fan – Timer Mode (1-8 Hours) - ION & UV (On / Off mode)
 - ⊙ Remote – YES
 - ⊙ Power consumption – 50W
 - ⊙ Dimension (mm) – 360x190x580
 - ⊙ Weight – 5.3Kg
 - ⊙ 1 Year Brand Warranty

MRP : 14,000/-



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 normal size bedrooms
 - ⊙ Area covered up to 300 Sq. ft. / 30 Sq. mtr. (approx.)
 - ⊙ Air Flow Rate 180M³/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/-



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CRUSADERS AIR PURIFIER XJ-3100

Best in class 7 Stage physical filtration system

- Washable Pre filter
 - Activated carbon filter + Molecular sieve absorption 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 425 Sq ft. / 40 Sq mtr. (approx.)
 - ⊙ Air Flow Rate – 260M³/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-I



**CRUSADERS
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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 Big Room
- ⊙ Area covered up to 750 Sq ft. / 70 Sq mtr. (approx.)
- ⊙ Air Flow Rate – 348M³/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 Large Rooms
- ⊙ Area covered up to 800 Sq ft. / 75 Sq mtr. (approx.)
- ⊙ Air Flow Rate – 420M³/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/-





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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 can make a real-time display of PM 2.5 data Air Quality Indicator

Best in class 6 Stage physical 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 Large Rooms
- ⊙ Area covered up to 915 Sq ft. / 85 Sq mtr. (approx.)
- ⊙ Air Flow Rate – 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 Physical 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 Large Rooms
- ⊙ Area covered up to 1500 Sq ft. / 140 Sq mtr. (approx.)
- ⊙ Air Flow Rate – 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



**CRUSADERS
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- ⊙ 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 out put – 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 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 CONTINUOUS 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/-



MORE THAN 1,00,000 CLIENTS

EMBASSIES & FOREIGN ORGANISATIONS



AUSTRALIAN EMBASSY

SOUTH AFRICAN EMBASSY

Liberté • Égalité • Fraternité
RÉPUBLIQUE FRANÇAISE
Consulat Général de France à Calcutta



Consulat Général de Belgique à Kathmandou

The High Commission of the Republic of Kenya

REPÚBLICA DEL PERÚ
CONSULADO DEL PERÚ EN KATHMANDU



EMBASSY OF THE REPUBLIC OF LITHUANIA



Embassy of Slovenia



The Embassy of Afghanistan

GOVT. INSTITUTIONS





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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





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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

Concentration	Correlation with Immunity	Ambience
≤50 ions/cc	Induce physiological impediment	Tiger air-conditioned room / Apartment in metropolis
1,000-2000 ions/cc	Meet the essential demand for health	Outskirts and fields
5,000-50,000 ions/cc	Increase one's immunity & resistance to disease	Early Morning during Photosynthesis
50,000-100,000 ions/cc	Kill bacteria & reduce infection disease	High mountain and seashore
100,000-500,000 ions/cc	Self recovery from disease	Waterfall and forestry

Source - WebMD



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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.)

Source :- Wikipedia

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).



INDIA'S NO. 1 AIR PURIFIER

CRUSADERS AIR PURIFIER

...Since 2004

MADE FOR
INDIA



WIDEST RANGE OF AIR PURIFIERS

Low on maintenance ... best in service

Compare us with any brand for free

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