

# We take FOOD & WATER very seriously...... & WHY are we NOT SERIOUS about AIR?

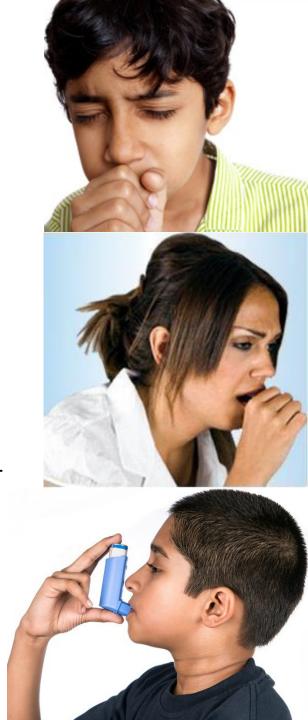
The AIR we breathe contains the most poisonous of substances, since they are INVISIBLE, we do not take it seriously.....

Let's have a look at some facts about air:

- We inhale 11,000L of air everyday
- A sneeze travels at 160 Km/Hour it infects us before a blink of an eye
- We spend more time indoors than outdoors and we breathe more volume of air indoors than we do outdoors everyday
- Current air pollution level is equivalent to smoking 10 to 20 cigarettes a day
- There are more allergic elements Indoor than Outdoor

# **Alarming Statistics**of Indoor Air Pollution

- Indoor air pollution is the No.1 cause of poor health in India – Hindustan Times (March 5)
- 1/3<sup>rd</sup> of world's asthma patients are from India WHO Report
- 93% of leave days are due to cold, cough and other respiratory diseases *National Bureau of disease*
- Lungs of most Urban children are under developed Hindustan Times (June 2015)
- Of the world's most 20 polluted cities, 13 are in India
   WHO Report



### ENTIRE NATION IN POLLUTION GRIP

### India's five hotspots identified in report

- Largest hotspot are the stretches in Punjab, Haryana & eastern Uttar Pradesh
- Second hotspot covers the rural areas of Bihar. West Bengal
- Third hotspot includes areas in Orissa and Chhattisgarh
- Fourth hotspot covers some areas of Gujarat and Maharashtra
- Fifth hotspot covers areas in Andhra Pradesh



- Particles in the PM2.5 size range are capable of reaching deep inside the respiratory tract and harming the lungs
- Exposure to fine particles can cause irritation in eyes, nose, throat and lungs & can cause cough

### ing, sneezing, runny nose and shortness of breath It can also affect lung functioning and worsen

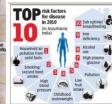
medical conditions such as asthma and heart disease

 Studies also suggest that long term exposure to fine PM may be associated with increased rates of chronic bronchitis and increase in deaths because of lung & heart disease

Scientists have linked the exposure with increased cardiovascular cases in hospital and emergency department visits & deaths

**Cool, busy and ill** We can't afford an office under a tree, but 9 hours in an AC workplace means you are at risk said you can survive on love and fresh air. Being in open spaces, research has proved, gthens your immunity since blood cells that fight bacteria This constant and direct expoy. A free supply of oxygen means our blood pressure and heart rate in check since the body isn't wide-mouthed vesser filled with water in a corner of the office erworking itself to acquire it erworking itself to acquire it. ood oxygen levels are also linked serotonin, the 'happiness hor-one', which is why you are more ely to slip into a refreshed, ed state when in green out-

- A recent CSE pilot study in South Delhi, Noida, Greater Noida, Gurgaon and Dwarka found that cars crawl at 4 km/ph for almost 24 minutes in two hours of driving and waste 200.000 litre of fuel for one million cars plying daily
- 320 kl of petrol and 100 kl of diesel are burnt daily due to the idling of vehicles at traffic intersections in Delhi alone
- The study cautions against build ing new roads and flyovers. Delhi is so gridlocked and polluted even when 48 per cent of Delhi households do not own any vehicle
- Earlier, Man Topay published a report, based on a CRRI study on congestion, that "six years of your career go in a traffic jam'



### **Air-conditioned life** can pollute homes









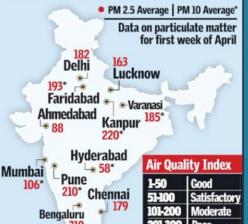




# **HOW INDOOR AIR IS CHOKING US**

### AIR QUALITY IN INDIA'S MAJOR CITIES IS FAST DETERIORATING

**Very Poor** 



Last vear the Environmental Preference Index ranked India 174 out of 178 countries for air quality

A WHO survey last year found that 13 of the most polluted 20 cities in the world were in India

### Air pollution 5th largest killer in India New Delhi, Feb 15: Outdoor air port is a world-wide initiative inous killer in South Asia. In fact. volving the World Health

pollution has become the fifth largest killer in India after high blood pressure, indoor air pollu tion, tobacco smoking, and poor nutrition, says a new set of findings of the Global Burden of Disease report. The India and South Asia-specific findings were officially released on Wednesday at a Dialogue Workshop jointly organised by Science and Environment (CSE), Indian Council of Medical Research and the USbased Health Effects Institute. The

Organization which tracks deaths and illnesses from all causes across the world every 10 years. The new findings were released by Aaron Cohen, principal epidemiologist of the Health Effects Institute and cochair of the GBD Ambient Air

Pollution Expert Group. The report says that about 620,000 premature deaths occur in India from air pollution-related diseases. GBD has ranked air pollution as one of the top 10 killers in the

particulate air pollution is now just three places behind indoor air pollution, which is the second highest killer in India. "This is shocking and deeply disturbing news. This calls for urgent and aggressive action to protect public health," said Sunita Narain, director general, CSE. The key finding in India states that air pollution is the fifth leading cause of death in India, with 620,000 100,000 in 2000 - a six-fold increase It is seventh leading cause behind

years of life due to illness. It comes after indoor air pollution, tobacco smoking, high blood pressure, childhood underweight, low nutri tional status, and alcohol use These diseases include stroke (25.48%), chronic obstructive pul monary disease (17.32%), Ischemic heart disease (48.6%), lower respi ratory infections (6.4%), and tra chea, bronchus and lung cancer (2.02%). Meanwhile, the key find ings in South Asia and the world points out that air pollution related diseases cause 3.2 million deaths

worldwide every year.



■ VOLATILE ORGANIC COMPOUNDS

### REFELLENTS

ASBESTOS

### Global Burden of Disease (GBD) reworld, and the sixth most dangerthe loss of about 18 million healthy

top critically polluted cities Deaths caused by particulate air pollution increased by six times since 2000

Delhi and Ghaziabad among five

- Respiratory and cardiovascular diseases key reasons for air pollution-induced premature deaths: These diseases include stroke (25.48%), chronic obstructive pulmonary disease (17.32%), Ischemic heart disease (48.6%), lower respiratory infections (6.4%), and trachea, bronchus and lung cancer (2.02%)
- Globally, air pollution-related deaths

increased by 300 per cent since 2000. About 65 per cent of these deaths occur in Asia

- A Global Burden of Disease report says that in 2010, about 6.2 lakh premature deaths occurred in India from air pollution-related diseases. This is up from 1 lakh in 2000 - a six-fold increase
- One-fifth of global deaths due to pollution in India
- CSE's quality analysis shows half of urban population breathes air with particulate levels that exceed the permissible limit



Here are 10 ways to fight back against the scratching and sneezing

**Branded Readymade Garments** 

Now available only for Rs 250

VACUUM CLEANERS

Research Institute (NEERI) Worli, has found carbon con centration in fine particulate matter within homes to be far igher than the permissible limit micrograms per cubic The study at four locations

THE TIMES OF INDIANA erosol particles (particulate nicrons) comprising carbon ist, soot, smoke and liquid ets, which are responsible dar ailments, to be at least 80

### The air inside your homes is not fit to breathe: study

NEERI FINDINGS Readings at 4 locations across city finds pollutants above limits **AIR POLLUTION INDOORS** 

NEERI, who conducted a study at four locations over two seasons between 2007-2008, found varying levels of particulate matter

64ug/m3

OUTDOOR

MBAL We all know that

and polluted. But the air you breathe at home may not be as clean and safe as you think A detailed study of the indoor

quality in Mumbai's house holds by the reputable National

> ble limits at 84ug/m3. A four-member NEERI team say the pollution level could now have gone up 20 per cent takincrease in vehicular traffic and

93ug/m3 92ug/m3

Busy roads and

his area had the

tion of particulate

centage of out-

ndoors was 79%.

90ug/m3 73ug/m3 road and hence. Air outside was the location was reading could because kerosene was many industries. fuel next door Permissible limit: 60 ug/m3 (micrograms per cubic meter of air) indoor air quality is an impor-

breathe at home, workplace, tant issue. While outdoor air schools or colleges is clean comgets cleaned because of land and pared to outdoors. Studies in sea breeze over the city, the the West have proved that long same doesn't happen with indoor air," said Rakesh Kumar, term exposure to particulate director of NEERI's Mumbai such as cardiovascular diseaso centre. "The easiest solution to lung cancer, asthma and bronclean up indoor air is creating chitis," said professor Abba

Is your office making you ill?

Norld Health Organisation estimates that one out of every three workers may be toiling away in a workplace that is making them sick due to poor indoor air quality



# **HOW INDOOR AIR IS CHOKING US**

### **Bangalore Climate** Worsens It: Study

Bangalore: Changing demographics, ever-increasing air etary habits have increased the ical Education and Research across four Indian cities - Del ingalore- reported asthma evalence in adults at 3.47% 2011. About 10% adults in

ide Medical Center and Hospisists between 1979 and 2009 con-About 9% children were found be suffering from asthma in 1979 In 2009 we found 25.5%

is about 10%, he added. What's more worrying, added All these have contributed to the

Paramesh, is the prevalence of rise in number of cases," he said. ma (which needs among children

TAKE CARE: More greenery which generates

has gone up to 72.5% "We must blame the changed weather conditions, increased air pollution level and ty in the age group of less than eating habits for it. Also, hous- 20 years. The symptoms are ratory disorders," said

over freshly cooked home food.

Said Dr Vishwanth Bellad consultant, pul monologist, BGS

What can lead to it

"Genetic and environment factors can trigger asthma in children. The gene Adam 33 is said to be responsible for someone contracting asthma. If a child, who has an aggressive Adam 33

gene is exposed to unhygienic conditions, pollu

tion, etc. then the chances of her contracting

asthma increases. It can be treated by oral medications like steroids and by using in-

halers," said Dr Hirenanappa, pulmonologist,

Higher morbidity, less mortality

just 1.2% in India. Globally, it is between 1-4%.

in younger people, the majories, offices and schools nowadays more visible during childhood, Sumant Mantri, consultant, I

adults, the present prevalence cially children, prefer junk food ma. Bangalore is more vuln able to this disease because

rains almost through the v

your house that make you cough and wheeze

Said Dr H Paramesh: "The morbidity of asthma is said to be highest as it spreads fast among people who are allergic to certain kind of smells, food or weather. But, the mortality rate due to asthma is

25% city children have asthma Home improvement Toxic air hurting kids' lungs, heart & mind

But Pollution Board Sat On Findings For 7 Yrs

increase in hyperreactive

airway disorders like

wheezing, bronchitis,

bronchial asthma in

### MOST VULNERABLE

How children get affected by pollution



Indian children



### Results of study by Central **Pollution Control Board**

Reduced lung function in 43.5% Delhi schoolchildren compared to 25.7% in control group (schoolchildren in West Benga and Uttarakhand)

 Soutum of Delhi children contain 4 times more iron-lader macrophage (specialized cells) than controls.

Abundance of siderophages (macrophages that have ingested red blood cells) in lungs may indicate covert pulmonary haemorrhae

> Hypertension in Delh

# **Shocking Air Pollution Headlines**

Indoor air pollution kills a million people every year in india



Air pollution is World's top environmental health risk



Delhi is World's worst in air pollution



India wakes up to an air pollution problem it cannot ignore The Economic Times

Air pollution causing irreversible damage to India's children The Indian EXPRESS

India needs an air quality crackdown





# Think your indoor air is safe? Think again.



# THE KILLER IS INSIDE OUR HOUSE

- ☐ We spend 90% of our time Indoors WHO
- Our family is exposed to more pollutants indoors than a factory worker
- ☐ Poor indoor air quality at home causes:
  - Headache
  - Fatigue
  - Shortness of breath
  - Hypersensitivity and allergies
  - Sinus congestion
  - Coughing and sneezing
  - Dizziness
  - Nausea



20TH CENTURY CONSTRUCTIONS **WERE MORE AIRY** WHILE MODERN ONES **ARE COMPACT AND** LESS VENTILATED

# **Primary causes of** poor Indoor Air Quality

No Direct Sunlight: Sunlight acts as a natural disinfectant for the living areas (bedding,

cushion, wall and floor)

**Less Ventilation** No Sunlight **Furniture / Carpets** Air Conditioned space

Air Conditioners: At low

temperatures they can be a source of biological allergens and can grow mold. It only cools and recycles the same air. They also blow smelly, unhealthy air if not cleaned properly

Less Ventilation: It is important that outside fresh air is circulated in the indoor environment to make sure that harmful levels of gases or particle gets diluted and do not

build up

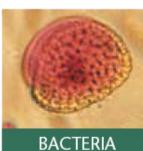
Furniture: The pressed wood furniture that are used nowadays contributes largely in trapping harmful substances as they are mostly attached to the wall or floors

# AIRCONDITIONERS ONLY RE-CIRCULATE THE SAME STALE AND STUFFY AIR WHILE COOLING IT

# **Secondary causes** of Indoor Air Pollution

- Carpets: Carpet materials can emit a variety of Volatile Organic Compounds (VOCs)
- New electronics and other plastic products: Products made with Polyvinyl Chloride(PVC) can emit phthalates, which have been linked to hormonal abnormalities and reproductive problems
- Toilet: The poor ventilation at Toilets attached with our bedrooms poise severe threat in circulating Infections and toxins in our living space.
- Harsh cleaning chemicals, paint, repellants and varnish: The cleaning agents that we use at home like floor cleaners, glass cleaners etc. varnish on the furniture, paint, all emits harmful VOC's
- Heating equipment (stoves, heaters, fireplaces, chimneys):
   Heating equipment, especially gas stoves, can produce carbon
   monoxide, which can cause headaches, dizziness, fatigue, and
   even death if not ventilated properly
- **Pet Dander:** Tiny pieces of skin shed by dogs, cats or other animals with feather or fur greatly affects air quality inside our house as they stick to each and every corner of the rooms
- **Smoking:** Cigarette smoke and other irritants can cause allergic reactions, asthma and even lung cancer













# **EARLIER FURNITURE** WERE MADE OF SOLID WOOD WITH **COTTON OR CANE FURNISHINGS**



### **Category 1**

- Dust
- Smoke
- Pollen

### **Category 2**

- Smell
- Gases
- VOC
   (Volatile
   organic
   compound)
- Toxins

### **Category 3**

StaticCharge

### Category 4

- Virus
- Bacteria
- Mold
- Fungus
- Dust Mites

### Category 5

- Suffocation
- Staleness (recycling of Air)



# INDOOR air pollution worse than outdoor

"Indoor air can be 5 to 10 times more polluted than the air outside your house"

- US EPA (Environmental Protection Agency)

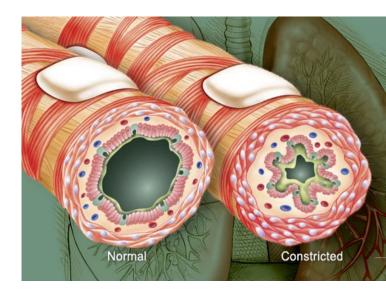
Outdoor air has mainly Category 1 of air pollutants. But Indoor air has all the 5 Categories of air pollutants.



# **Indoor Air Pollution –**

### Biggest Threat to Children's Health

- Children breathe more air per kg of body weight, so their exposure to air pollution is much greater than adults
- Children's organs, including their lungs, develop until they reach their late teens, usually around the age of 13
- Studies show that developing organs are sensitive to the toxic effects of air pollutants and environmental toxins, and that children absorb pollutants more readily than adults and retain them in the body for longer periods of time, which results in constriction of the airway passage
- Several studies have shown that there is a direct relationship between exposure to air pollutants and aggravation of asthma





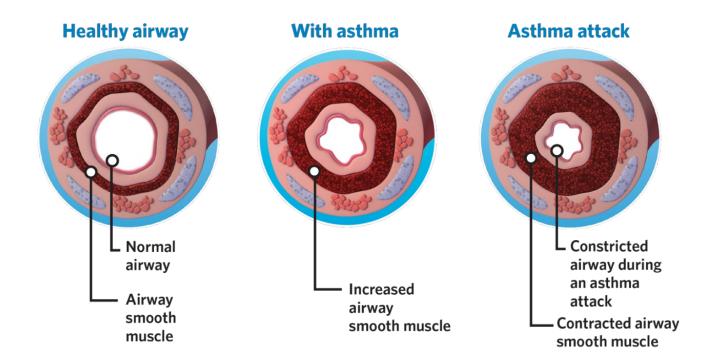
# **Indoor Air Pollution**poses huge risk to health

- Breathing air pollutants can lead or contribute to allergies, infections, asthma, and other health problems that involve the lungs, nose and throat
  - For example, mold and pollen can trigger allergic reactions or asthmatic symptoms in some people
- Exposure to other indoor air pollutants, such as high levels of carbon monoxide can result in headaches, nausea, vomiting, brain damage, and even death
- Exposure to VOCs (Volatile Organic Compounds) may affect the lungs, brain, and nervous systems
- It can affect various stages of pregnancy and infant health
- Senior citizens and people with weak immunity are more sensitive to air pollutants
- Indoor Air Pollution also increases the risk of developing Asthma



# Facts about Asthma

- The volume of air that we breath are mostly polluted indoor air full of poisonous harmful substances which accumulates in the airway passage, resulting in infection and contraction of the airway muscles
- The common indoor triggers are pet dander, dust mites, pollen, perfumes, mold, fungus etc.
- Continuous exposure to polluted air can lead to wheezing, coughing, shortness of breath, or tightness and pain in the chest
- If prolonged and ignored these can actually lead to chronic asthma, especially children



An asthma attack never happens in a clean environment, like a park or forest

PROTECT
YOURSELF AND
YOUR FAMILY
FROM THE
INVISIBLE
KILLERS!

AGT NOM!





- Improve ventilation of your house and workplace
- Keep indoor potted plants
- Avoid using toxic household products
- 4. Identify the right Air Purifier







# 3. Avoid using toxic household products

- Avoid using toxic household chemicals, the most dangerous ones being products for cleaning bathrooms, floors and kitchen
- Toxic substances in these products can cause harm if inhaled, swallowed, or absorbed through the skin
- There are many inexpensive, easyto-use natural alternatives which can be safely used for cleaning and disinfecting like Baking Soda, common salt, Lemon, Vinegar, Borax etc.



WHEN WE ARE
CLEANING OUR
HOUSE WE ARE
ACTUALLY
POLLUTING IT MORE

# 4. Air Purifiers

- Quality air purifiers will help you combat most airborne pollutants and ensure fresh and safe air in your house
- While selecting the right Air Purifier for yourself, please study the method and process of purifications
- The best quality AIR PURIFIERS should be able to remove all the 5 below mentioned categories of pollutants

### **Category 1**

- Dust
- Smoke
- Pollen

### **Category 2**

- Smell
- Gases
- VOC
   (Volatile
   organic
   compound)
- Toxins

### **Category 3**

StaticCharge

### **Category 4**

- Virus
- Bacteria
- Mold
- Fungus
- Dust Mites

### **Category 5**

- Suffocation
- Staleness (recycling of Air)

# tinings to remember while selecting an Air Purifier for your loved ones!



Did you know that allowing Cross Ventilation Indoors is the best method of Air Purification?



2 P

Does your Air Purifier employ **Natural or Artificial** method to treat Indoor Air?





Can your Air Purifier Generate Fresh Air or does it recycle the stale Indoor Air?



Did you know that **Dust**Mites, Fungus, Mold &

Toxic Gases are found more on the Surface than in the Air?





Can your Air Purifier remove **Static Electricity** & **Odour** from the **Surface?** 



Is your Air Purifier capable of removing germs from the Air & Surface?





Is your Air Purifier effective with **Doors** & Windows open?



Can your Air Purifier
Moisturize Skin and
improve Elasticity &
Texture?





Is your Air Purifier certified by 22 Research Organizations across the World?





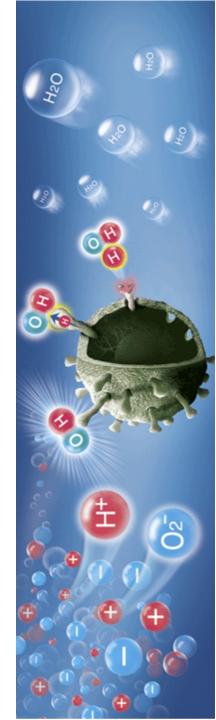
Is your Air Purifier **ONLY** cleaning the Air that is passing through a **set of filters?** 



# **About**

# SHARP

- A company that is constantly exploring new frontiers of technology, to evolve products that are "not just No. 1 but the only one" of its kind
- Beginning with the invention of the Ever-Sharp Pencil, Sharp has developed many of world firsts such as mass production of Televisions, Electronic Calculator, Superheated Water Oven, LCD TV etc
- By creating products which bring a sense of satisfaction to people, Sharp always intend to meet and exceed expectations of the people
- Dedicated to improving people's lives through the use of advanced technology and a commitment to innovation, quality, value, and design
- Sharp has an unwavering commitment to excellence and passion for caring
- They have teamed up with world renowned experts in the field of indoor air quality and allergies
- With years of experience and research Sharp can guide you in maintaining best indoor air quality as an aid to preventing allergies, respiratory diseases and other symptoms triggered by indoor pollutants and irritants





# Lets look at the 5 categories of indoor air pollutants again

### PM2.5 – the Invisible Killer

They are dust particles of size upto 0.3 microns – 1/100<sup>th</sup> of human hair

The main sources of high PM2.5 in our Indoor Air are vehicle emission & Industry fumes

### **Toxic Gases/Smell**

Household cleaners,
spray, repellant,
varnishes, paint, kitchen,
toilet etc emit lot of
gases that can be more
dangerous than Industry
fumes

### **Suffocation/Staleness**

Low Ventilation & AC
Environment together can
cause heaviness in the
Indoor Air

### **Infection causing germs**

Lack of sunlight, NO/ LESS
Ventilation & Furniture create
space that are favorable breeding
ground for these Infection
causing substances

Typically they are more on the surface than air

### **Static Current**

Static Charge Indoor not only attracts the tiny particles (PM1 & PM2.5) and traps them on the surface of fabrics & furnishings but may also interfere with Pacemakers and hearing aids

AFTER A HOLIDAY WHEN WE REACH HOME, WE IMMEDIATELY VENTILATE OUR HOUSE AS WE FIND IT SUFFOCATING AND STALE

# **How Sharp**

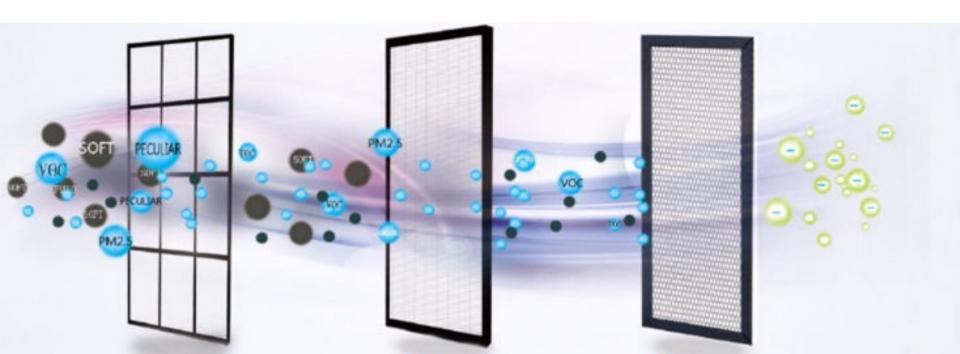
# Air Purifiers works

# INVISIBLE PROBLEMS IN INDOOR AIR THAT CAUSE AIRBORNE DISEASES HOW SHARP AIR PURIFIER ELIMINATE THEM

Dust (PM2.5), Pollen, Smoke	Smell, Gases, Toxins and Infection causing substance (Dust mite, Mold, Fungi, Virus, Bacteria)	Staleness and Suffocation	Static Current
1.HEPA with large surface area (AHAM Certified) 2. Industry best Clean Air Delivery Rate (CADR) for faster and superior performace	Active Plasmacluster ion Technology does not wait for the air to pass through, but NEUTRALIZES all harmful substance from both AIR and SURFACE by going out of the Purifier	The Plasmacluster technology creates the same level of freshness as in a forest. It is proven technology that can generate FRESH AIR	The Plasmacluster technology removes static current from all SURFACES reducing threat from dust and pollen to get attracted to fabrics

# What is HEPA Filter

- High Efficiency Particle Arrestor (HEPA) can trap particles upto 0.3 microns or even smaller – Traps the tiniest of pollutants
- The quality, efficiency and life of a HEPA filter largely depends on the thickness, folded area and the material used in it
- The True HEPA Filters used in Sharp Air Purifier is of the highest quality standards and are best suited for use in Indian conditions where the concentration of the PM1 & PM2.5 is high (as per WHO Report – 2014)

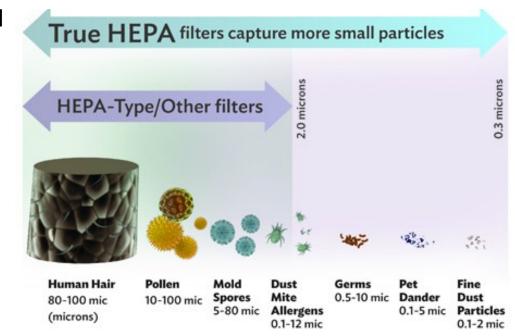


# **Sharp** – True HEPA Filter

- 2 parameters determine quality of HEPA
  - Surface Area the length, depth & height of HEPA, higher the better
  - Clean Air Delivery Rate (CADR) measured in Cubic meter per hour, determines the amount of air cleaned per hour. Higher the better

**CADR for Sharp** = 168 m3/H

- Sharp offers the highest Clean Air Delivery Rate (CADR) in it's category
- AHAM Verified



# **Sharp-Plasmacluster Technology**Replicates Nature



- Plasmacluster Ion Technology is Sharp's original ACTIVE disinfecting technology for suppressing the effects of viruses, mold, fungus, dust mites, VOCs and toxins
- ACITVE Technology effective on SURFACE as well as AIRBORNE infections
- Plasma discharge generates and emits the same positive and negative ions that occurs in nature
- Plasmacluster Ion Air Purifiers clean the AIR and SURFACE using positive and negative ions
  - These are positive hydrogen and negative oxygen ions, which are extracted from the water molecules in the air
- These ions inactivate the flu viruses including H1N1, e-Coli bacteria,
   MRSA, SARS, polio virus and dust mites
- Plasmacluster lons are proven effective against 29 types of infection causing substances, certified by 22 independent research organizations

# **Certifications**

confirming safety and effectiveness

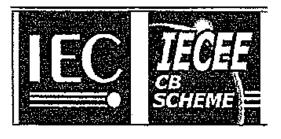
























# **Sharp Air Purifier...**

# The One And Only Mechanism to

- Generate forest fresh air
- Kill infection causing substances not only from air but also from surfa
- Neutralize smell and unpleasant odours
- Remove static electricity
- Improve skin hydration





# **General Specifications**

- Plasmacluster Ion Generator, HEPA & Pre Filter can trap upto 0.3 micron particles, HAZE Mode, capable of NEUTRALISING secondary sources of PM2.5 particles
- A balanced mix of Active & Passive Air Purification with Plasmacluster Ion Technology
- Suitable for 24 x 7 operation
- Coverage Area: 220 sq feet
- **Filter Life:** upto 2 years (depending on the nature of the environment)
- Power Consumption: max 51W
- Noise Level: max 47db
- ON SITE WARRANTY 2 YEARS



# Works best in...

- Home bedrooms, study, living room (220 sq. ft.)
- Offices cabin, meeting room, canteen
- Doctors Consultation Room
- Path Labs, Ultrasound & MRI Centres













# **Sharp Air Purifier**

- Produce fresh and pure air as in a forest
- Kills germs from air & surface instead of absorbing: mimics nature
- Neutralize odour and toxins
- With Plasmacluster technology, ions are spread throughout the room, to purify the air - even the air underneath the sofa, behind the wardrobe and under the carpet
- Improve skin moisture, elasticity & texture

### **Other Air Purifiers**

- Recycles same stale air
- Uses only PASSIVE technology to pull the air through Filters – cleans the air passing through filters only
- Produces ions but they merely attach themselves to the air pollutant and weighs it down to the ground or any surface it comes in contact with (table, utensils, carpet etc)
- Unwanted particles (like bacteria, virus, mold etc) are not broken down, it just gets trapped into the device or stays in the room

# **Also Remember....**

- Air purifiers act as a safeguard against respiratory infections and trap the allergens and pollutants before they get us
- Limiting exposure to pollution is one of the best solutions to reduce or eliminate the chance of contracting respiratory infections
- Air purifiers may not act as a solution to your asthma or allergy problems by themselves
- Air Purifiers are effective only if they are used on a regular basis and may not show immediate results
- Filter maintenance is important for healthy indoor air and to keep your Air Purifier working efficiently and effectively

