



Crestkiting Retails PVT. LTD.

Air Disinfection System

Clean Air Accessible to Everyone

Based on Certified and Patented Technology



About Us



We aspire to make clean air accessible to everyone, whether in homes, offices, or buildings. We take the route of driving innovation built on strong research fundamentals while ensuring that our products adhere to rigorous standards of safety and quality. Through a deep understanding of the needs of a developing economy and collaboration with researchers across the world, we deliver products that solve customer problems in a data-driven way, making clean air quantified and visible.

Respire Only Clean Air with Next-Gen Technology that protects from Viruses, Infections, Particulate Matter and Harmful Gases.

About Product

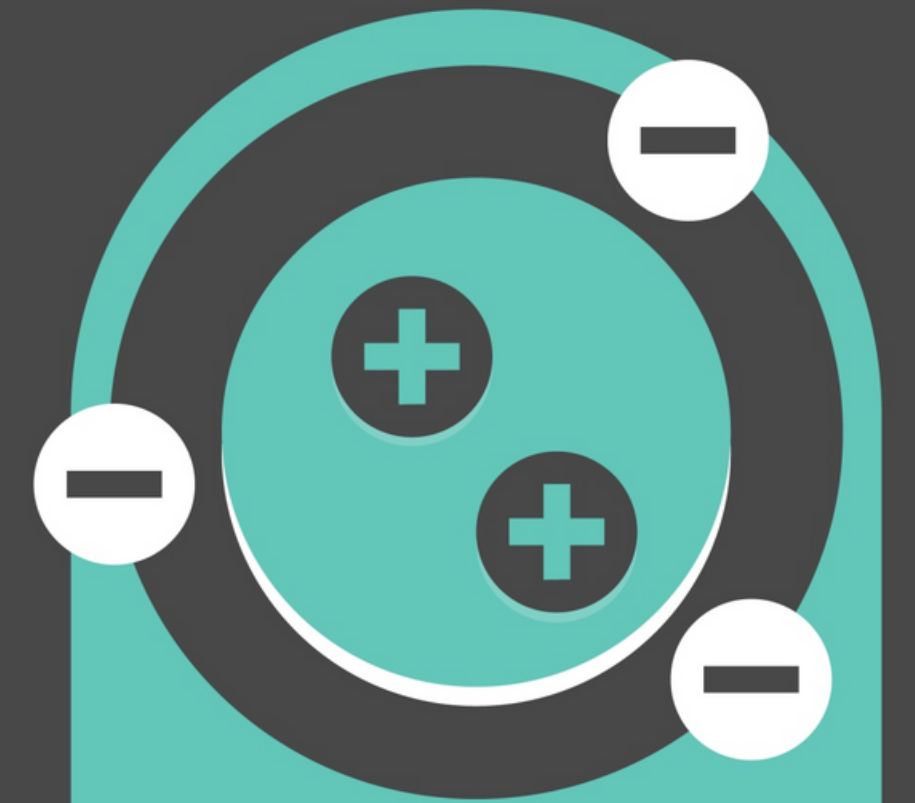
The Space Sanitizer is the leading personal air cleaner in the market using cutting-edge technology which ionizes the air molecule in a way that attaches harmful particles like dust, smoke, germs, bacteria, and viruses. There is no filter to clean or change and there is no need to spray air into vents or suck out the dust from vents with a vacuum. Research supports the view that our product has a positive effect on health, including improved mood, stabilized circadian rhythm, enhanced recovery from physical exertion, and protection from positive ion-related stress and exhaustion disorders.



CRESTKITHING's air ionizers are designed and manufactured in India, performing eco-friendly air purification:

Negative Air Ions and Their Generation

Air ions are electrically charged molecules or atoms in the atmosphere. An air ion is formed when a gaseous molecule or atom receives sufficiently high energy to eject an electron. NAIs are those that gain an electron, while positive air ions lose an electron. The natural and artificial energy sources include (1) radiant or cosmic rays in the atmosphere; (2) sunlight including ultraviolet; (3) natural and artificial corona discharge including thunder and lightning; (4) the shearing forces of water (Lenard effect); (5) plant-based sources of energy.

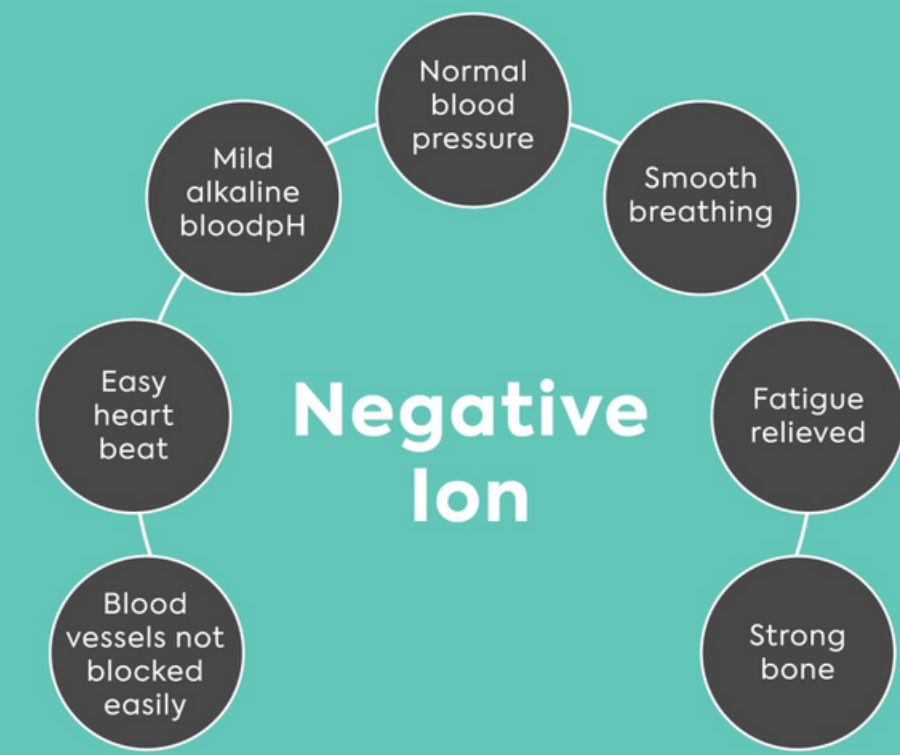


Health Benefit of using Space Sanitizer

Space Sanitizer releases millions of negative ion per second. Negative ions are oxygen atoms charged with an extra electron. They are created in nature by the effects of water, air, sunlight and the Earth's inherent radiation. Negatively-charged ions, also called anions, are most prevalent in natural places and particularly around moving water or after a thunderstorm. In high enough concentrations, anions purify the surrounding air of mold spores, pollen, pet dander, odors, cigarette smoke, bacteria, viruses, dust and other hazardous airborne particles.

They do this by attaching to these positively-charged particles in large numbers. This causes the germs, mold, pollen and other allergens to become too heavy to stay airborne.

At this point they drop to the floor or attach to a nearby surface. This removes them from the air you breathe and prevents them from triggering respiratory problems like allergies.



- Provides Clean and Fresh Air to breathe.
- Provides the feeling of wellbeing.
- Decreases fear and nervousness.
- Improves lung function.
- Promotes relaxation.
- Lowers resting heart rate.
- Enhances concentration and learning ability.
- Increases metabolism, normalising weight.
- Neutralize free radicals.
- Revitalize cell metabolism.
- Enhance immune function.
- They balance the autonomic nervous system, promoting deep sleep and healthy digestion.

Technical Details



Space Sanitizer Pro

Electrical input	100-300 VAC, 50-60 Hz
Effective Range	500 Sq Feet
Indicators	Green LED: POWER indicator
Operating Current	10 mA
Power Consumption	2 W
Operating temperature	0 to 65°C (with no icing or condensation)
Operating humidity	15% to 85% (with no condensation)
Weight	140 g
Ozone Emission	Below Detectable Range
Physical Dimension	20 cm (L)x 10 cm (W) x 3 cm (H)
Cooling Air	-
Noise Level	0 Db
Color	White
Price	14,900/-



Space Sanitizer Industrial

Electrical input	100-300 VAC, 50-60 Hz
Effective Range	2500 Sq Feet
Indicators	Red LED: POWER indicator
Operating Current	10 mA
Power Consumption	25 W
Operating temperature	0 to 65°C (with no icing or condensation)
Operating humidity	15% to 85% (with no condensation)
Weight	4.25 Kg
Ozone Emission	Below Detectable Range
Physical Dimension	12.5 Inch (L)x 12 Inch (H) x 6 Inch (W)
Cooling Air	100 CFM with 2000 RPM
Noise Level	30 Db
Color	Gray (Stainless Steel)
Price	35,900/-

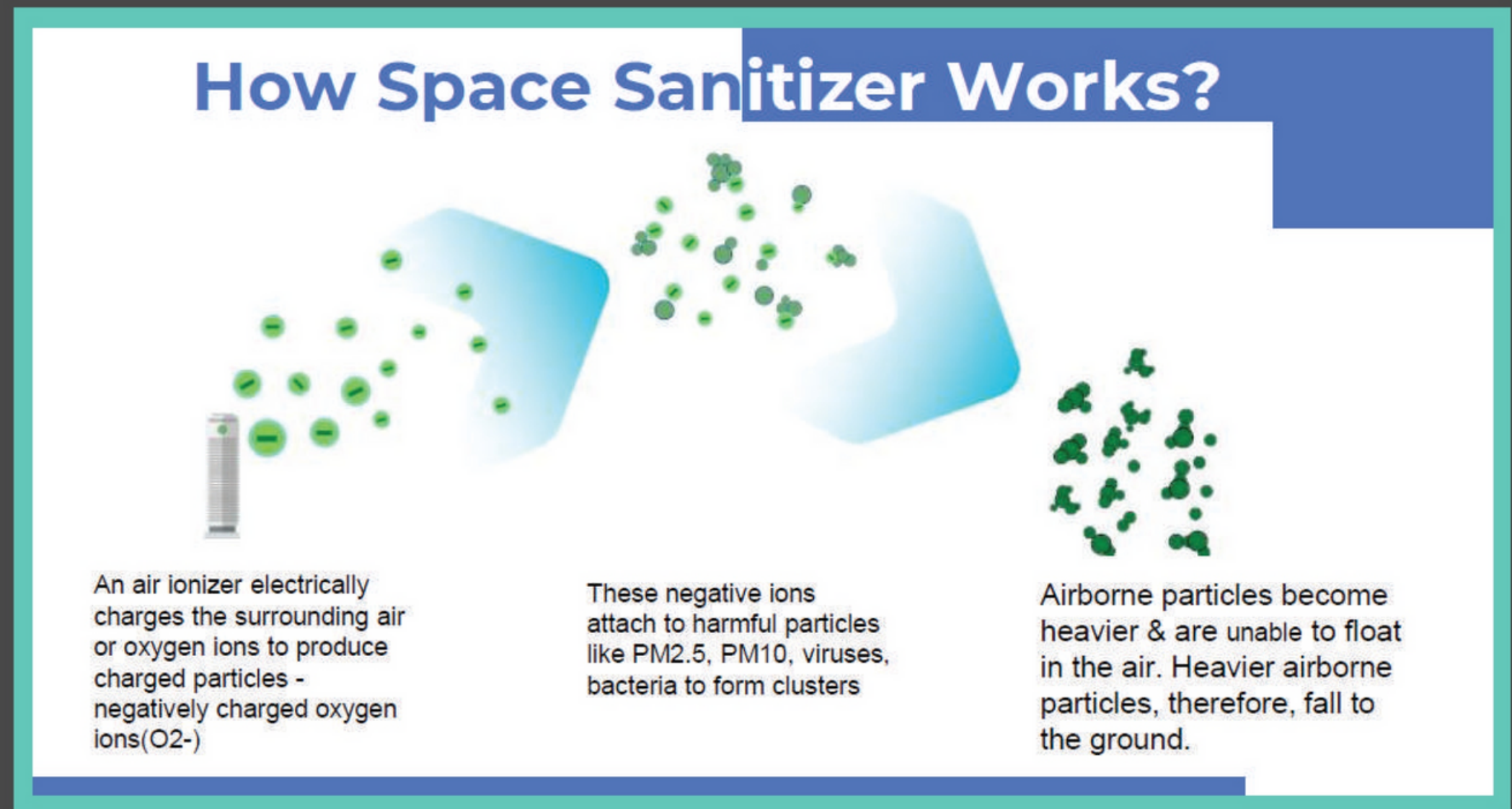


Space Sanitizer Industrial

Electrical input	100-300 VAC, 50-60 Hz
Effective Range	5000 Sq Feet
Indicators	Red LED: POWER indicator
Operating Current	10 mA
Power Consumption	25 W
Operating temperature	0 to 65°C (with no icing or condensation)
Operating humidity	15% to 85% (with no condensation)
Weight	4.25 Kg
Ozone Emission	Below Detectable Range
Physical Dimension	12.5 Inch (L)x 12 Inch (H) x 6 Inch (W)
Cooling Air	100 CFM with 2000 RPM
Noise Level	30 Db
Color	Gray (Stainless Steel)
Price	49,900/-

How Space Sanitizer works?

Space Sanitizer creates a static charge around the airborne contaminants that are floating around your room. Once charged with static, these particles (virus, bacteria, fungi, PM2.5, dust, allergens, pet dander etc,) simply stick to the nearest surface they find. Your air feels fresh because the contaminants are no longer floating around in mid air,



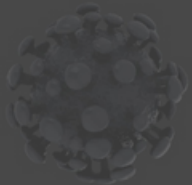


1

Space Sanitizer is designed to generate millions of negatively charged ions per second of emission rate that are electrostatically attracted to positively charged airborne particles and aerosol droplets and attaches to them in large numbers



2

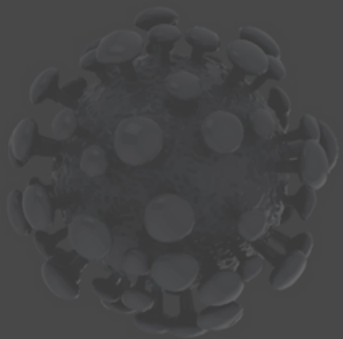
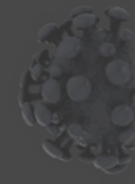


The negative air ions generated by the Space Sanitizer form OH⁻ clusters (hydroxyl radicals) around microparticles and rapidly react with viruses and bacteria by destroying their protein cell wall by breaking their DNA without harming humans and animals. Hydroxyl radicals, also known as nature's detergent, occur naturally in the open air but are absent indoors.



3

Space Sanitizer creates a continual supply of negative ions, which sanitize the air and surfaces by reducing viral load in a closed environment, 24/7. The negative ions neutralize all types of viruses and bacteria significantly reducing the risk of both air and surface-borne infections.



Application



Home



Hospital



Office



School



Theatre



Mall



Hotel



Retail Store



Gym

Salient Features



Plug n Play



Safe and Zero



Chemicals



No Filters



2 / 25 W
Power



Consumption



Health
Benefits



No Side
Effect



No Ozone
Emission



No Installation
Required

Certificates

CE CERTIFICATE

Issued in accordance with the requirements of the applicable directives, as amended, we certify that the Technical Documentation of the products, drawn by the Applicant, is in compliance with respected Directives and standards.

Certificate No. : ICE/2011/11180

Date of Certificate : 04.11.2020

Certificate Expiry Date : 03.11.2023

1st Surveillance Due : 03.10.2021

2nd Surveillance Due : 03.10.2022

Manufacturer : CRESTKILTING RETAILS PRIVATE LIMITED
214-A, B-BLOCK, PANKI, KANPUR-208020, UTTAR PRADESH (INDIA)

Scope : MANUFACTURE OF AIRBORNERS, AIR PURIFIERS, SPACE SANITIZER & IOT DEVICES.

Applicable Directive : 93/42/EEC

The technical documentation shows that the product complies with the essential safety requirements recognized as giving presumption of compliance with the essential requirements in the listed EU Directives. The technical Documentation of the products relate only to the products listed in this certificate. Any significant modification will make this certificate invalid. The product liability rest with the manufacturer or his representative in accordance with the council directive 85/374/EEC.

INTERNATIONAL BENCHMARKING & CERTIFICATIONS
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(Approved By)

National Research Development Corporation
(An Enterprise of DSIR, Ministry of Science & Technology, Govt. of India)

Phone: 2024041-02 Fax: 91-2024049-2294849 E-mail: amrta@nrdc.gov.in Website: www.nrdc.gov.in

Business Development Division (I/Ts Business) 30-32, Zamrudpur Community Centre Kirti Nagar, Connaught Place, New Delhi 110 048, India

19th June 2021

To Whomever It May Concern

This is to certify that MIS Crestkilling Retails Pvt. Ltd. is supported and funded by NRDG (National Research Development Corporation), an enterprise of DSIR, Ministry of Science and Technology, Govt. of India.

The company is working on clean air technologies and has developed an innovative product "Space Sanitizer" based on "Negative Air Ion" technology to scrub viruses, bacteria, germs, fungi, VOCs and other harmful particles inside closed spaces. The latest research from The Lancet, CDC (Centre for Disease Control), WHO (World Health Organization) and ICMR (Indian Council of Medical Research) recommends that Covid-19 is primarily airborne and safety protocols should change urgently to clean the air. This product can help in preventing the spread of SARS-Covid-2 virus in public places like offices, hospitals, OPO clinics, conference halls, schools, colleges, labs, shopping complex, gym etc. Corona Aseptic decontamination starting virus contains spike proteins which are attached to the negatively charged walls of the host cell and enter it where it replicates to spread infection. This can be stopped by disabling the spike protein of the virus. The negatively charged electrons neutralizes the positively charged S protein of the virus.

Their product "Space Sanitizer" is successfully tested and validated in FRAC (FICCI Research and Analysis Centre) and the test report (Ref No. FRACR/2008120101) suggested that this device exposure decreases virus, bacterial, fungal & other microscopic particles load in the environment indicated by the decreasing particle counts.

Crestkilling's project to clean the air is supported by NRDG. During the development phase of this product, we gave them technical as well as business mentoring. They have also been financially supported by NRDG. During the journey of the product development, company demonstrated good design skills with a self-motivated attitude to explore the new opportunities in the field of clean air technologies. Crestkilling have filed patents for the technology that they have developed and successfully launched in the market.

We wish Crestkilling Retails Pvt. Ltd. all the best for their future endeavours.

(Amrta Mahra)

icreate
19th June 2021

To Whomever It May Concern

This is to certify that Mr. Navneet Pal, founder of M/s Crestkilling Retails Pvt. Ltd. is supported by iCreate (International Centre for Entrepreneurship and Technology), Ahmedabad.

This company has developed an innovative low-cost negative air ion generator called "SPACE SANITIZER", the latest research from the CDC (Centre for Disease Control) and the WHO (World Health Organization) recommends that Covid-19 spreads most effectively from person to person through droplets and particles in the air. Crestkilling have filed for a patent for the technology variant that they have developed and successfully launched in the market. Their product is in the form of a standard bulb which can be easily installed and used by end customers at a height, promoting free flow of ions, providing an intuitive way to maximise spread of the negative ions in the air.

Crestkilling is a project supported by iCreate. During the development phase of this product they received technical as well as business mentoring. They have also been financially supported by iCreate. During the journey of the product development company demonstrated good design skills with a self-motivated attitude to learn new things.

We wish Crestkilling Retails Pvt. Ltd. all the best for their future endeavours.

Anupam Jaiswal
CEO
iCreate

An Initiative of Dignity Foundation for Entrepreneurial Excellence



FICCI RESEARCH & ANALYSIS CENTRE
Phase 2A, Sector 8, Dwarka, New Delhi - 110077

Date: 13.10.2020

To,
Navneet Pal (CEO)
Crestkilling Retails Pvt. Ltd.
214-A, B-Block, Panki, Kanpur-208020

Subject: Performance Evaluation of "Space Sanitizer", A Negative Ion Generator

With reference to the test report of "Space Sanitizer" for evaluating performance against harmful microscopic particles including viruses, bacteria, fungi, VOCs (Benzene), Smoke, and RSPM.

We conducted a microbial efficacy studies on "Space Sanitizer" sample for parameters aerobically aerobic, candida albicans and spores by exposing method at different time intervals. Harmful microscopic particles including viruses, bacteria, fungi, VOCs (Benzene), Smoke, and RSPM (PM2.5, PM10) were exposed to the negative ion generator for varying periods of time. This device exposure decreases bacterial, fungal & other harmful microscopic particle load in the environment indicated by the decreasing particle counts.

Thanking you,

Yours sincerely,
Mishra (Authorized Signatory)

FRAC

Tel: 91-11-43333900-010 Fax: 91-11-20360802
E-mail: info@fraclabs.org Website: www.fraclabs.org

FICCI RESEARCH & ANALYSIS CENTRE
Phase 2A, Sector 8, Dwarka, New Delhi - 110077
E-mail: info@fraclabs.org Website: www.fraclabs.org

TEST REPORT 153101

Client: M/s. Crestkilling Retails Pvt. Ltd.
Address: 214-A, B-Block, Panki, Kanpur-208020, Uttar Pradesh, India

Sample Description: Space Sanitizer

On 13/10/2020, 10 minutes, 15 minutes, 30 minutes, 1 hour, 2 hours, 3 hours

Microbial Efficacy Study

Name of Micro-organisms	Before Exposure		After 10 min		After 1 hr		Test Method
	CFU/Plate	% Reduction	CFU/Plate	% Reduction	CFU/Plate	% Reduction	
Bacterial	100	75%	25	75%	0	100%	FRAC/2008120101
Fungal	100	75%	25	75%	0	100%	FRAC/2008120101
Spores	100	75%	25	75%	0	100%	FRAC/2008120101

Authorized Signatory
Mishra (Authorized Signatory)

FICCI RESEARCH & ANALYSIS CENTRE
Phase 2A, Sector 8, Dwarka, New Delhi - 110077
E-mail: info@fraclabs.org Website: www.fraclabs.org

TEST REPORT 153195

Client: M/s. Crestkilling Retails Pvt. Ltd.
Address: 214-A, B-Block, Panki, Kanpur-208020, Uttar Pradesh, India

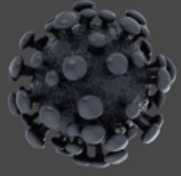
Sample Description: Space Sanitizer

On 13/10/2020, 10 minutes, 15 minutes, 30 minutes, 1 hour, 2 hours, 3 hours

Microbial Efficacy Study

Name of Micro-organisms	Before Exposure		After 10 min		After 1 hr		Test Method
	CFU/Plate	% Reduction	CFU/Plate	% Reduction	CFU/Plate	% Reduction	
Bacterial	100	75%	25	75%	0	100%	FRAC/2008120101
Fungal	100	75%	25	75%	0	100%	FRAC/2008120101
Spores	100	75%	25	75%	0	100%	FRAC/2008120101

Authorized Signatory
Mishra (Authorized Signatory)



Space Sanitizer's

Effect on Pollution Level



FICCI RESEARCH & ANALYSIS CENTRE

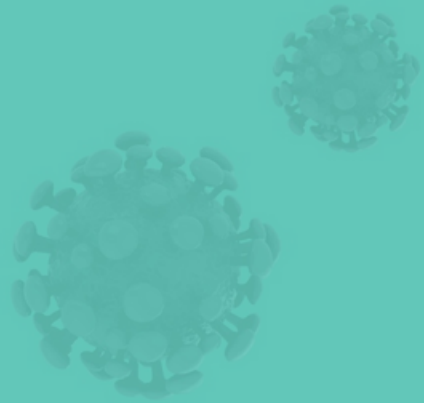
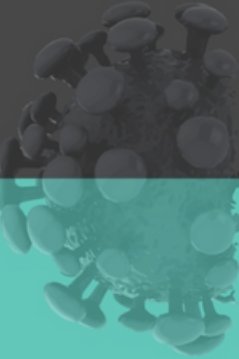
PLOT 2A, SECTOR-8, DWARKA, NEW DELHI-110077 Tel: 91-11-45333500-510 Fax: 91-11-25360802

E-mail : info@fraclabs.org, Website : www.fraclabs.org

TEST REPORT

153195

Space Sanitizer Efficacy Check Ambient Air Quality (Indoor)					
Parameter	Duration (min)	Result (Blank Room)	Result (With Space Sanitizer)	Efficacy	Test Method
RSPM	15	266.67	66.67	75.00	FRAC/SOP/ENVR/018
RSPM	60	200.00	41.67	79.17	FRAC/SOP/ENVR/018
RSPM	120	145.83	20.83	85.71	FRAC/SOP/ENVR/018
RSPM	180	86.11	5.56	93.55	FRAC/SOP/ENVR/018
RSPM	300	3.33	0.00	100.00	FRAC/SOP/ENVR/018





CRESTKITING

Manufactured By
Crestkiting Retails PVT. LTD.

www.crestkiting.com | +91-9621885544

**Breathe Pure
Stay Healthy**

Thank you

Supported By:



#startupindia

