

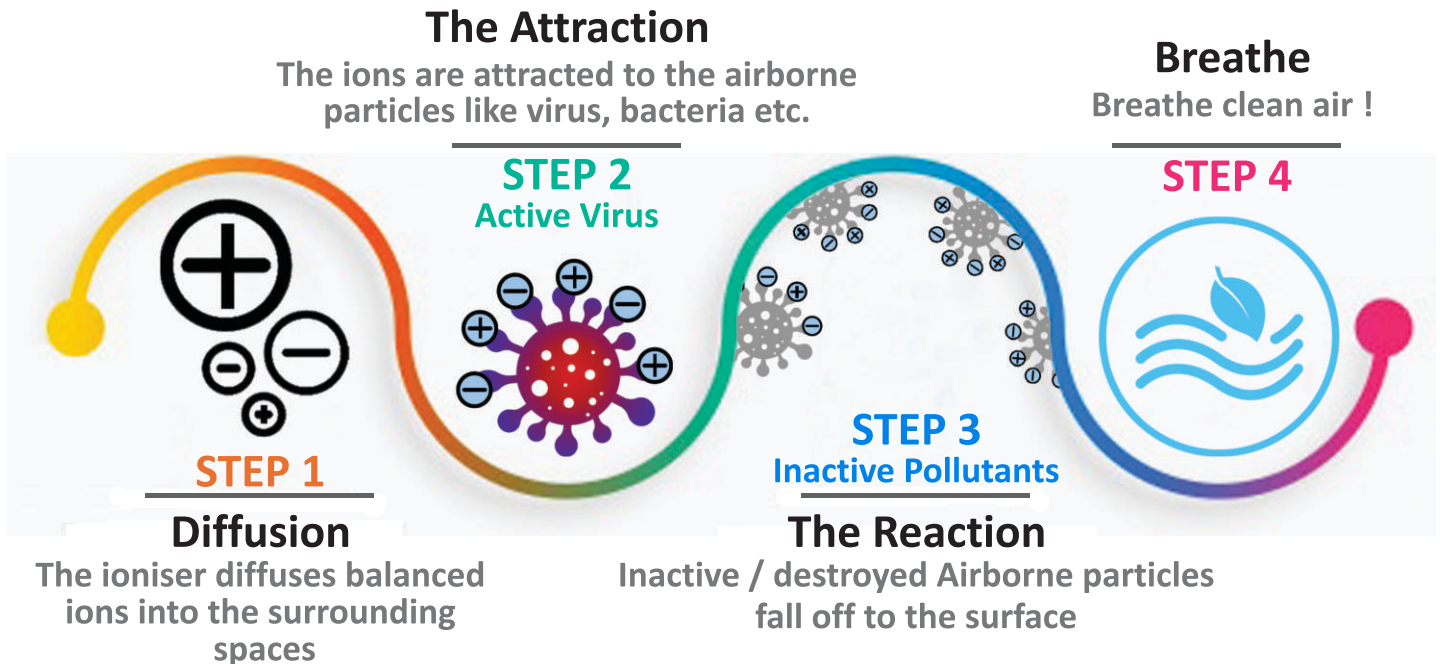
The battle against the virus can be an air fight



Introducing
**Balanced
Ion Emission
Technology**



THE FOUR STEP BIET PROCESS – SIMPLE, FAST AND EFFECTIVE



THE BALANCED ION EMISSION THEORY OF YUVAYU

- ⊕ YUVAYU Air Ionizer emits charged ions at approximately one hundred million per second of emission rate.
- ⊖ These ions are electrostatically attracted to charged airborne particles, particulate matter (PM) and aerosol droplets, attaching to them in large numbers.
- ⊕ The ions generated by YUVAYU Air Ionizer form clusters around micro particles such as airborne mold, viruses, mite allergens, bacteria, pollens, dust etc. and render them inactive.
- ⊖ The result of this attraction initiates a chemical reaction that surrounds the hemagglutinin (surface proteins that form on organisms and trigger infections) and change it into highly reactive OH- groups which take a hydrogen molecule present in the hemagglutinin and change it into water.
- ⊕ The hemagglutinin molecules are thus destroyed and that is how the virus becomes deactivated.
- ⊖ Several different viruses can be killed with this technology.

PRODUCT SPECIFICATIONS



No		Y 1050	Y 650	Y 350
1	Product size	40cm*36.4cm*17.9cm	55cm*18.5cm*170cm	42cm*18.5cm*17.0cm
2	Weight	10 kg	7 kg	5.5 kg
3	Supply Voltage	230VAC, 50Hz	230VAC, 50Hz	230VAC, 50Hz
4	Fan mode Wattage	45 W Dual	25W	25 W
5	Ion Emission Rate	100 Million / Sec	55 Million / Sec	45Million / Sec
6	Coverage Area	~1050 sq ft	~650 sq ft	~350 sq ft
7	Mode	Auto / Manual	Auto	Auto
8	ON Time	Adjustable	Fixed	Fixed

Since the inception of COVID19 pandemic, with the ICMR directive, 'Guidance for evaluation of novel application for COVID19', YUVAYU has been tested by the Department of Science and Technology, GOI, (Agharkar Research Institute)



A Made in India Product



INDOOR APPLICATIONS



TEST RESULTS AND CERTIFICATION

Maharashtra Association for Cultivation of Science
AGHARKAR RESEARCH INSTITUTE
(An Autonomous Body under the Department of Science and Technology, Govt. of India)
G.G. Agarkar Road, Pune - 411004, India.

ARI

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Ref.: 3/381/2020/MSD-400 Date: 08 OCT 2020
09 OCT 2020

Antiviral Efficacy testing of Yuvayu Air Ionizer

Client name	Mr. ShirangChondkar	Instrument collected by	Mr. Soham Pare
Client address	LeanWay Energy Pvt. Ltd., Dhruvatar, Law College Road, Pune	Date of receipt	25 th August 2020

Result:


Position of plate (distance in meter between Yuvayu Air Ionizer and plate)	% reduction in count of virus* after exposure to Yuvayu Air Ionizer for 4 hours
1 metre	99.9%

*Virus used in the experiment: Bacteriophage (Φ29) DNA

—End of the report—

Note: The result of the testing shall apply only to the completion which was tested. The lab (ARI) did not participate in the sample selection collection. The result shall not be reproduced either in full or in part without written permission of the lab. Not to be used for legal purpose.

Prashant K. Dhakephalkar,
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Ref.: 3/381/2020/MSD-439 Date: 09 OCT 2020
09 OCT 2020

Report of Efficacy testing of Yuvayu Air Ionizer

Client name	Mr. Shirang Chondkar	Instrument collected by	Mr. Soham Pare
Client address	LeanWay Energy Pvt. Ltd., Dhruvatar, Law College Road, Pune	Date of receipt	25 th August 2020

Test Performed: Assessment of Yuvayu Air Ionizer for efficient removal of air-borne microbes using the method of passive sampling with settle plates, in accordance with ISO 14698.


Results:

Position of plate (distance in meter between Yuvayu Air Ionizer and plate)	Lab 1 (92.4 m) - Undisturbed room		Lab 2 (48 m) - Human movement was there		
	% reduction in airtal count of microbes after exposure to Yuvayu Air Ionizer	2hrs	4hrs	2hrs	4hrs
1 (2 m)	69	92	1 (3 m)	76	79
2 (1.5 m)	83	92	2 (2 m)	92	75
3 (1 m)	55	78	3 (2.5 m)	81	84
4 (0.5 m)	50	75	4 (1.5 m)	75	84

—End of the report—

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UKcert
Certification & Inspection

Certificate of Compliance
CE

We hereby declare that the technical files of all the items in each product group comply with the requirements of the Council Directive on Low Voltage Directive 2014/35/EU (LVD)

Certificate No - CE - 1351

Manufacturer : LEANWAY ENERGY PVT. LTD.
Address : 5 SHEN AVSHIRAR, 15 TH LANE PRABHAT ROAD, PUNE 411 004, INDIA.

Products : YUVAYU AIR IONIZER

Comply with the requirements applicable to it
The quality system file has been assessed, approved and is subject to continuous surveillance according to the Council Directive on Low Voltage Directive 2014/35/EU (LVD)

This certificate is issued under the following conditions:

- It applies only to the quality system maintained in the manufacture of above referenced products and it does not substitute the design or type-verification procedures, if required.
- The certificate remains valid until the manufacturing conditions or the quality systems are changed.
- The certificate validity is conditioned by positive results of surveillance audits.

The CE mark as shown above can be used, under the responsibility of the manufacturer, after completion of an EC Declaration of conformity and compliance with all relevant EC Directives. The statement is based on a single evaluation of one report of one sample of above mentioned product. It does not imply an assessment of the whole production.

Validity of this certificate can be verified at www.ukcertint.com/ukcert/

Date of Certification: 26th August 2020
1st Surveillance Audit Due: 25th August 2021
2nd Surveillance Audit Due: 25th August 2022
Certificate Expiry: 25th August 2023

Daniel
Authorised Signatory



This certificate is the property of UK Certification & Inspection Limited and shall be returned immediately on request.
15 Wilton Road, Covent Garden, London, WC2E 7DF, United Kingdom
Website: www.ukcertint.com/ukcert/
Company No. 1048761

BE SAFE, BE SECURE. CALL US NOW !

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