



# Vayutron™

## Advance Space Sanitization Solution

[nilesh@nityainnovations.com](mailto:nilesh@nityainnovations.com)

+91-9769353315



Recent Pandemic due to nCov2 Virus Brought serious awareness about Clean, Safe surrounding and working place to maintain pace of Life and Progress.

“Vayutron” shall make sure it is delivered!

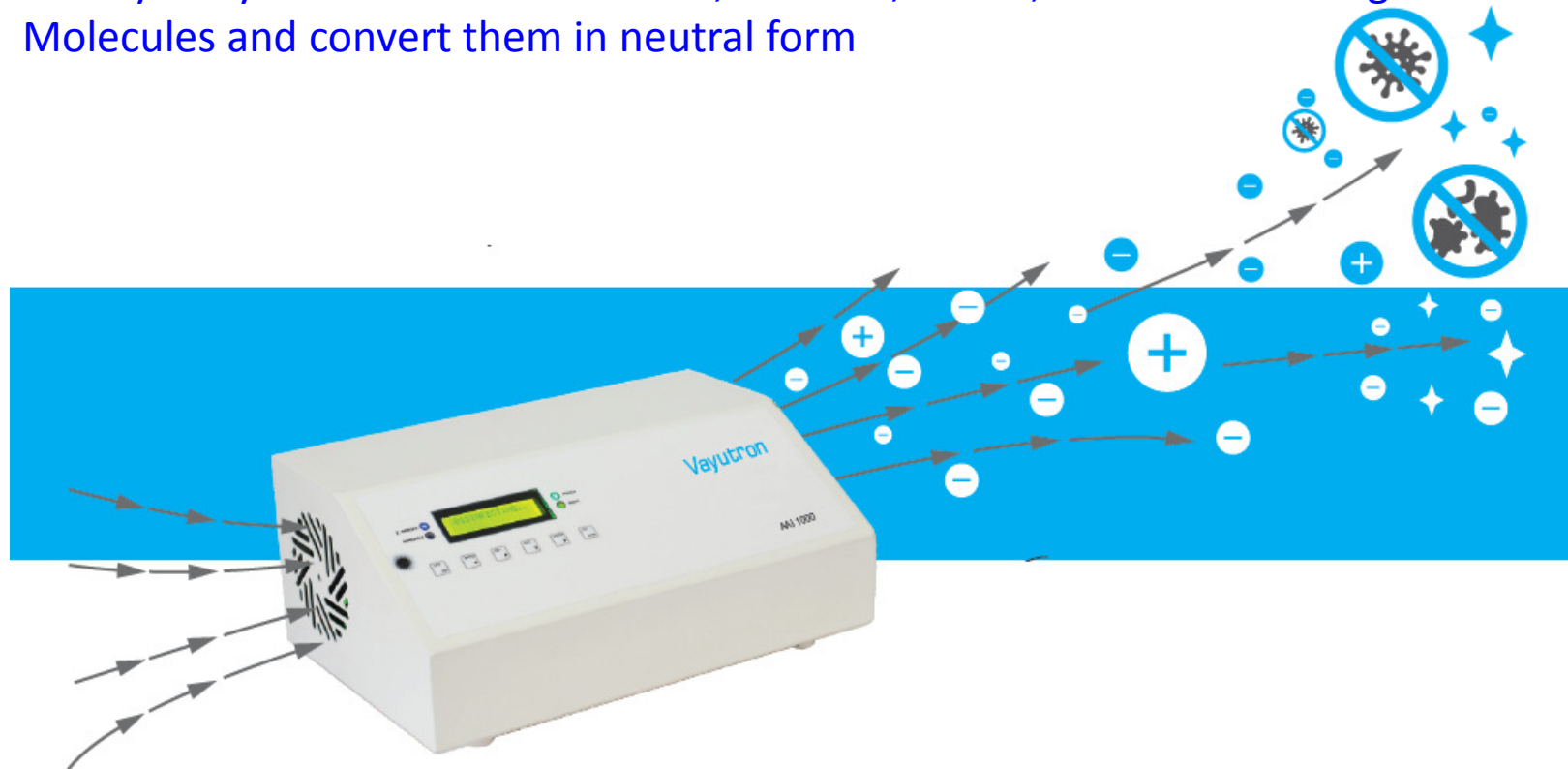




Vayutron Generates and Spreads Hydroxyl Ions in the surrounding, these radicals deactivates Virus and Bacteria coming in contact

The Ions Form Cluster Around Suspended Particles such as Dust, Pollen, Allergens, Smoke and these particles settle down

The Hydroxyl Ions React with Viruses, Bacteria, Molds, Bad Odor Causing Molecules and convert them in neutral form





# Unique Features: Vayutron

1. Configurable Area Size from 100 to 1000 Sq Feet (20 min up to 140 mins)
2. Configurable and Automatic Schedule based Operation and power saving
3. Operating modes to meet Sanitization required,
  1. Normal Mode: De-activates Virus, Bacteria, Molds, Bad Odor
  2. Perform at least one cycle in this mode per day
  3. Mild Mode: De-activates Bad Odor, Suspended Particles in Air,
  4. Smoke etc
4. Convenient Wall Mount or Table top usage, no special installation required.
5. Availability of Mobile Apps and IoT Connectivity to Remote Monitor
6. Ion Monitoring Sensor to sanitize warehouses/Stores with changing volumes due to material movement( work in Progress)



# How to Use It?

- Mount it on High Wall: Ions are heavier than air tend to settle down, higher position will provide more reach
- Configure Schedule matching your requirement, select appropriate mode, by Selecting “Timer Menu”
- Configure the Area Size, Set Clock and Select Mode for Manual Operation from Menu
- Use at least one Normal Mode Disinfection Cycle once Day, prefer no Humans and Pets Around. It might be uncomfortable for few!
- The area needs to be closed, so that no fresh air enters during the cycle. Make provision for external air circulation using ceiling fan or pedestal fan, so that the Ions reach in all places and Corners.
- Ideally in Normal Mode once before Office Starts and one after office hours.
- Mild Mode can be programmed multiple times at a regular interval.



## FAQ

**Vayutron is an Air Purifier?**

Vayutron don't filter the Air, just Generate Ions from Air Intake and spreads in the Air back from Exhaust

**The Generated Ions are Harmful to Children or Food?**

Rest Assured , the Ions are not harmful in fact after disinfection cycle the area smells fresh. Ionization is very old technique and used in many Medical and industrial applications.

**Why No Humans, Pets preferred in “Normal Mode” Operation?**

In Normal Mode Disinfection Cycle the area is closed from fresh Air and during Ionization free Oxygen Level reduces, few people might not feel “Normal” and extended exposure might lead to headache and nausea.

**Does it Generate Hazardous “Ozone”?**

Vayutron being Ionizer does generate Ozone, but the level is well below allowable Safe Limit for exposure to Humans.



# Models and Pricing

Features	AAI-1000	AAI-1000-I
Capacity	100-1000 Sq Feet	100-1000 Sq Feet
Modes	Normal, Mild	Normal, Mild
Connectivity	NA	BLE
IoT Support	NA	Yes with Android App
Usage History	NA	Upto 1 Year
Cloud Subscription	NA	Inclusive for 1 <sup>st</sup> Year
Std Warranty	1 Year	1 Year
Price	INR 33300	INR 45000

## Terms of Trade:

1. Prices Ex Works, Applicable Taxes, Freight, Insurance, Packaging Extra
2. Order Against 100% Advance, all orders non cancellable
3. Standard Delivery time 2 Weeks, please discuss for bulk quantity.
4. For any service support during warranty the Equipment needs to ship to factory for repair on your cost, we will bear cost of shipping  
Back/replacement/ repair