onyx®

## ADVANCED AIR PURIFICATION & AIR DISINFECTORS

# ONYX AIR DISINFECTORS

✔ NO UV LIGHT ✔ NO OZONE ✔ NO CHEMICALS ✔ NO FILTERS

Engineered for Cleaner Air. Designed for Critical Environments.

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# Creating Safer Indoor Environments Through Advanced Air Disinfection

Delivering continuous protection against airborne pathogens, harmful pollutants, odours and contaminants across healthcare, commercial, industrial and mission-critical facilities

- Eliminates Airborne Pathogens
- Neutralizes VOCS & Odours
- Improves Indoor Air Quality
- Chemical-Free Operation
- 24×7 Continuous Protection
- Energy Efficient
- Quiet Performance
- Minimal Maintenance

# Cleaner Air, Better Health

## 1 Benefits of Cleaner Air

The quality of the air we breathe plays a significant role in our overail health. ONYX Air Disinfector Solutions continuously help improve indoor air quality by reducing harmful airborne pollutants, allergens and contaminants, creating a healthier and more comfortable environment.

**Improved Respiratory Health**
Helps reduce symptoms associated with asthma, allergies and other respiratory conditions.

**Better Sleep Quality**
Cleaner air minimizes airborne irritants, promoting deeper and more restful sleep.

**Enhanced Focus & Productivity**
Fresh, purified air creates a healthier environment that supports concentration and daily performance.

## 2 Safe for Everyone You Care About

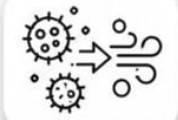
- Babies & Elderly
- Immune-Sensitive Patients
- Post-Surgery Care

Clean, Safe Air - For Your Family, Your Patients, and Your Workplace.

# The Science of Pure Air

## ONYX VL-LECO Technology

ONYX Disinfectors use innovative VL-LECO Technology. In this unique new process, the airborne pathogens are destroyed by oxidation using a photocatalyst- a method named "Visible Light Low Energy Cascade Oxidation". Any pathogen or organic compound entering the unit is oxidized into harmless water and CO2 in as little as 0.16 seconds, continuously and with no residue.



**Converts Pathogens into Clean Air**
Converts airborne pathogens and organic compounds into harmless by-products for cleaner indoor air.

**Continuous 24×7 Protection**
Works continuously without leaving harmful residues or requiring interruption of cccupied spaces.

**Chemical-Free Operation**
Uses no UV exposure, ozone generation or harmful chemicals, ensuring safe everyday operation.

**Safe for People & Sensitive Equipment**
Designed for occupied environments while remaining safe for people, medical facilities and electronic equipment.

## Why Choose ONYX

- ✓ Upto 99.99% Sterilization Efficiency
- ✓ Destroys Viruses, Bacteria, Mould & VOCS
- ✓ Neutralizes Unpleasant Odors
- ✓ Safe for Babies, Elderly & Immune-Sensitive Individuals
- ✓ Minimal Maintenance, No Consumables
- ✓ Energy-Efficient & Whisper-Quiet Operation
- ✓ Easy Plug-and-Play Installation

# AD-200

Compact Air Disinfector

## APPLICATIONS

- Homes
- Clinics
- Office Cabins
- Hotel Rooms
- Patient Rooms
- Post-Surgery Home Care
- Schools and Colleges

## HIGHLIGHTS

Compact Design | Low Noise | Energy Efficient | Continuous Air Disinfection | Low Maintenance

## Technical Specifications

**Coverage Area:**
300 sq.ft (4 ACH, 10 ft)

**Maximum Airflow:**
200 CFM

**Power Consumption:**
100 W

**Voltage / Frequency:**
220-240 V/50 Hz

**Noise Level:**
< 52 dB

**Unit Dimensions:**
300×350×35 mm

**Unit / Shipment Weight:**
4 kg/6 kg

**Service Interval:**
Pre-filter 6 months,
Media 2 years

**Operation:**
Manual & Hand Remote

**Warranty:**
2 Years (excluding pre-filters)

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# AD-800

## Swachh Pavan Air Disinfector

### APPLICATIONS

- Hospitals
- Clinics
- Office Cabins
- Laboratories
- Restaurants
- Wellness Centres
- Schools and Colleges

### HIGHLIGHTS

Large Area Coverage | Odours Neutralization | Continuous 24×7 Operation | Low Cost | Commercial Grade Performance

## Technical Specifications

**Coverage Area:**
1,200 sq.ft (4 ACH, 10 ft)

**Maximum Airflow:**
800 CFM

**Power Consumption:**
300 W

**Voltage/Frequency:**
220-240 V / 50 Hz

**Noise Level:**
< 55 dB

**Unit Dimensions:**
K60 × 60 × 110 cm

**Packing Dimensions:**
70 x 70 x 125 cm

**Unit/Shipment Weight:**
15 kg/17 kg

**Operation:**
Manual/Remote (Remote-enabled available)

**Warranty:**
2 Years
(excluding pre-filters)

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# AD-1000

## Ultra Clean Air Purifier / Disinfector

**APPLICATIONS**

- Data Centres
- Biotechnology Labs
- Server Rooms
- Control Rooms
- Semiconductor Facilities
- Museums & Archives

**HIGHLIGHTS**

- Remote Monitoring
- High Airflow Capacity
- Industrial Grade Performance
- Advanced Chemical Filtration
- Multi-Stage Air Treatment

## Technical Specifications

**Coverage Area**
6,000 sq.ft (1 ACH, 10 ft)

**Maximum Airflow**
1,020 CFM

**Power Consumption**
600 W

**() Voltage / Frequency**
220-240v | 50Hz

**Noise Level**
< 60 dB

**Unit Dimensions**
75 x 75 x 190 cm

**Unit Weight**
70 kg (Approx.)

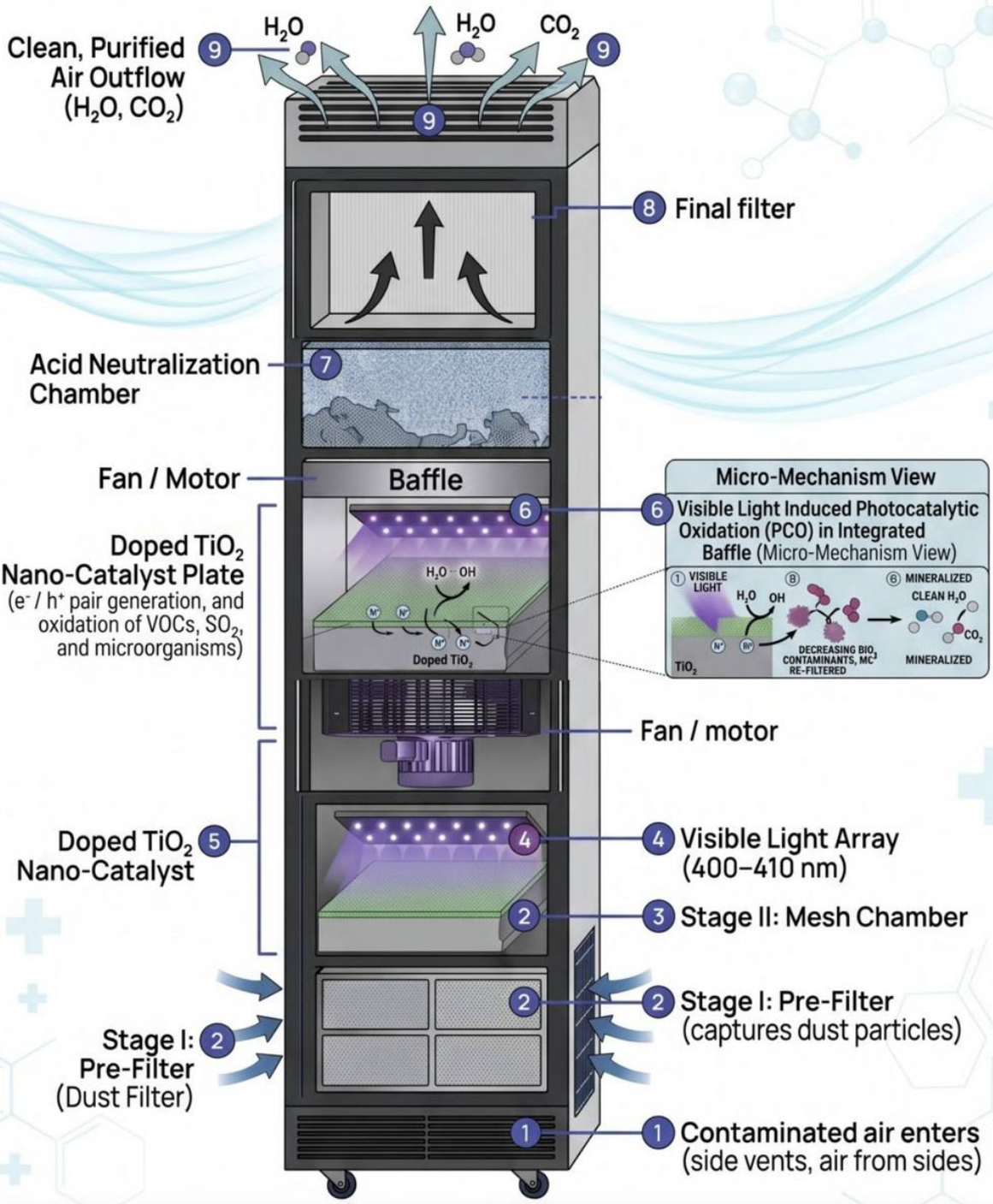
**Service Interval**
Pre-filter 2 months,
Media 2 years

**Remote Operation**
Enabled through App

**Warranty**
2 Years

# AIR PURIFICATION WORKS IN AD-1000

## VISIBLE LIGHT LOW ENERGY CASCADE OXIDATION




## Technology Highlights

- ✓ Multi-Stage Air Treatment
- ✓ Visible Light Low Energy Cascade Oxidation
- ✓ Continuous 24×7 Air Disinfection
- ✓ Chemical-Free Operation
- ✓ Neutralizes Airborne Pathogens & VOCs
- ✓ Safe for Occupied Indoor Environments
- ✓ Energy Eficient & Low Maintenance

# Trusted Air Protection for Critical Facilities

Delivering continuous protection against airborne pathogens, harmful pollutants, odours and contaminants across healthcare, commercial, industrial and mission-critical facilities.

## Beyond Conventional Air Purifiers

### How Onyx Outperforms Others

| Conventional Method | Limitations | Onyx Advantage |
|---|---|---|
| HEPA Filters | Trap but don't kill germs | Destroys all viruses & bacteria |
| Activated Carbon | Needs frequent replacement | No filters, no odor buildup |
| UV-C/Ozone | Hazardous to eyes, lungs | 100% safe for humans |
| Fumigation | Uses harmful chemicals | Chemical-free & safe for continuous use |

**Certified: ISO 9001-2015 . CE . FDA . GMP**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