

UV SAFE AIR

ECO SERIES 30/50

Introduction



The **UV SafeAir Eco Series 30 and 50** are entry-level UV-C air sterilizers designed for safe use in **personal and small indoor spaces**. With built-in dust filters and enclosed UV-C lamps, the Eco Series provides safe, efficient, and chemical-free continuous air disinfection. These models are quieter than many competing products, though some fan noise is expected due to the circulation system. The Eco Series is best suited for **home offices, bedrooms, study rooms, and small meeting rooms**. For larger or crowded spaces, other models in the UV SafeAir range are recommended.

Key Features

Feature	Details
Disinfection Method	UV-C germicidal irradiation (254 nm) for airborne pathogen elimination
Operation	Safe for use in occupied indoor environments
Models Available	ECO-30 and ECO-50
Lamp Life	8000 hours UV-C lamp life (up to 3 years if it is operated 8hours a day)
Fan System	Built-in fan for consistent air circulation
Energy Efficiency	Low power consumption design for continuous use
Maintenance	Easy-access UV lamp for simple replacement
Noise Level	Quieter than similar devices, though some fan noise is expected
Inlet/ Outlet Filter Design	Washable/reusable filter to protect UV-C lamp from dust
Safety Features	Light-tight design; safety cut-off switch (disables UV when opened)
Body material	Cold rolled sheet metal, painted with electrostatic powder paint

Technical Specifications

Specification	ECO-30	ECO-50
Air Flow Rate (m³/h)	120	240
Capacity (≥ 3 ACH)	Up to 15 m² (~40m³)	Up to 30 m² (~80m³)
Lamp UV-C Output Power (W)	5.5	12
UV-C Lamp Nominal Power (W)	18	36
Number of UV-C Lamps	1	1
UV-C Lamp Life (Hours)	8000	8000
UV-C Wavelength (nm)	254	254
Power Requirement (W)	40	60
Weight (kg)	3	4
Dimensions (W×H×D)	Approx. 150 × 170 × 350 mm	Approx. 150 × 170 × 550 mm

**Specifications are subject to change without notice.*

Applications

Environment	Application Purpose
Personal Offices	Maintains clean air during meetings and work activities
Bedrooms & Living Rooms	Provides continuous air sanitation for personal spaces
Small Study Rooms	Keeps the air clean while working or studying
Home Workspaces	Extra protection in individual or light-use office setups
Private Waiting Rooms	Suitable for low-traffic waiting areas (e.g., consultation rooms)

Authorised distributor:

Contact us

Phone : +65 3152 5859 (SINGAPORE)
+6(04) 306 7751 (MALAYSIA)
Email : sales@vyns.tech
Website : www.vyns.tech

Headquarters (MALAYSIA):

Address : 47,Jalan Cassia Selatan
3/3,Taman Perindustrian
Batu Bandar Cassia ,14110,
Penang.

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