

SUNON®

Blending German minimalist design and craftsmanship  
to create fresh air and a new functional lifestyle.



Official website

## DC Ventilation Fan



4.5<sub>w</sub>

Ultra low power

120<sub>m<sup>3</sup>/h</sub>

Ultra-large air volume

80%以上

Saves more power  
than AC motors



[vent.sunon.com/en/](http://vent.sunon.com/en/)





A different kind of home bathroom luxury — the SUNON Ventilation Fan Series.

Enjoy your shower time.



Facing global warming, energy-saving and sustainability have become global priorities. With 40 years of R&D in DC motor technology, SUNON has launched a series of DC energy-saving ventilators designed for smart green buildings—offering a safe, healthy, quiet, and energy-efficient environment.

SUNON’s ventilators meet the “International Energy Saving Unit” standard, cutting power use by over 80% compared to traditional AC motors. With ultra-low consumption at just 4.5W, they deliver strong airflow (120m³/h) around the clock—saving on energy costs and creating long-term value for your home.

Ventilation fan	Commercially <b>SUNON®</b>	
Motor type	AC Motor	BLDC Motor
Noise (dB(A))	32	32
Power consumption (W)	25	4.5
Maximum air volume (m³/h)	85	120
Energy efficiency*	2.68	18.63
Waterproof design	?	IP25
Fireproof material	?	UL94V-0

\* In Taiwan, the energy efficiency standard for household ventilation fans under the Energy Label program is set at 7 m³/h/W.

WIN

WIN

7 times more



Energy-Saving Technology, Perfectly Evolved.

Advanced DC motor and acoustic tech deliver ultra-low 4.5W power use, super quiet, super efficient.



Excellent Energy Savings! Sound Technological Innovation!

Using DC motor technology, it cuts power use by up to 80% vs. AC fans—only 4.5W for 24/7 use, making it an energy-saving choice for your home.



A New Spatial Aesthetic Experience.

Breaking traditional design, this 2-in-1 ventilation and lighting solution creates a cleaner bathroom space and elevates spatial aesthetics.



Fire-Resistant Material, Top Choice for Buildings.

The entire unit uses certified UL94V-0 flame-retardant plastic, making it the best option for modern building fire safety.



Multiple Safety Protections.

Supports 100–240V voltage, no worry about wrong power connection. Auto power-off if the fan stalls; restarts automatically when cleared. Backdraft damper blocks exhaust from public ducts to prevent odor backflow!

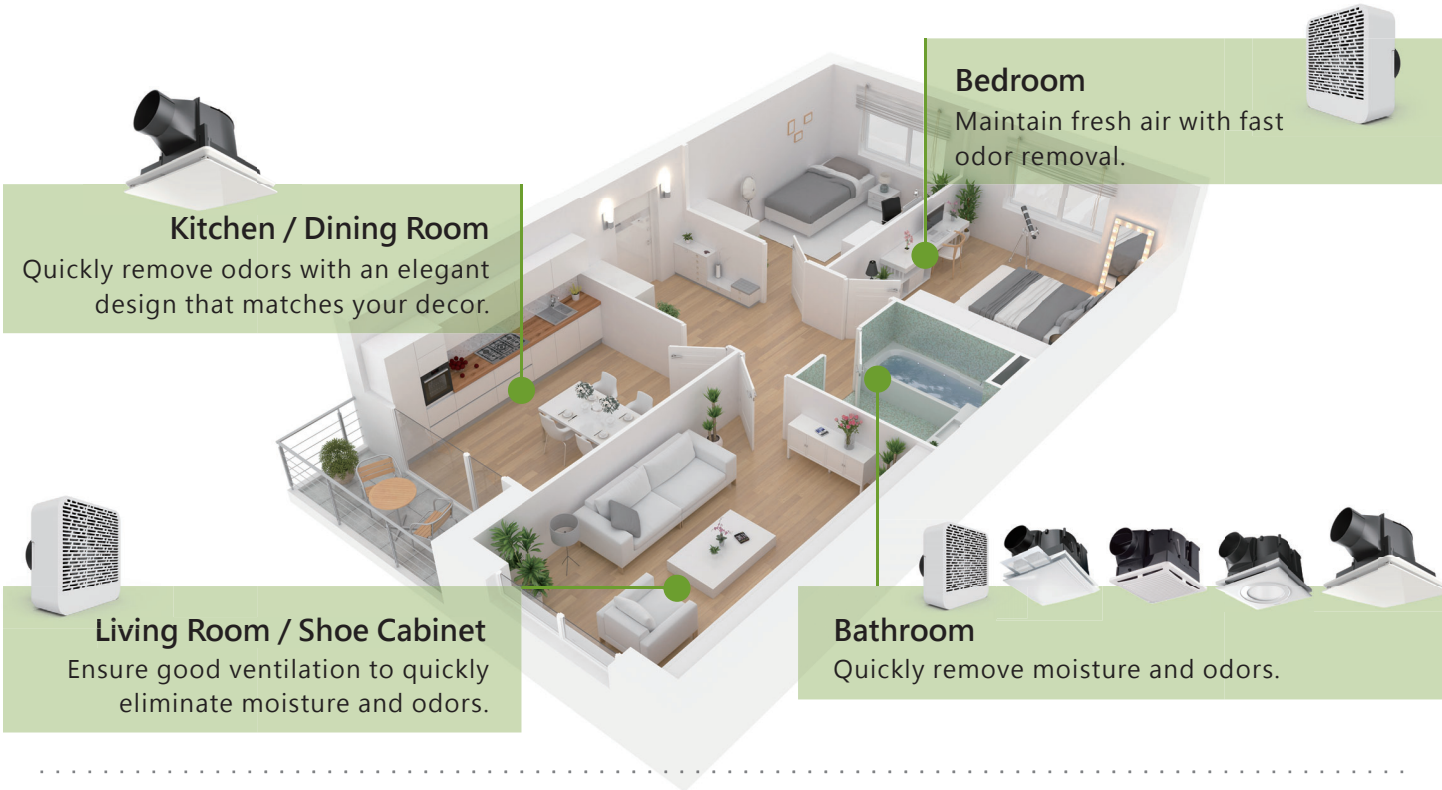


Three-Year Warranty.

Three-year warranty for the host.

※ Suitable for: bathrooms, homes, offices, meeting rooms, hotels, villas, B&B, hospitals, clinics, beauty salons, clubs, KTV, bars, restaurants, gyms, schools, tutoring centers, daycare centers, and apartment buildings.

Create fresh and clean air for your home.



Wall Exhaust Fan  
1



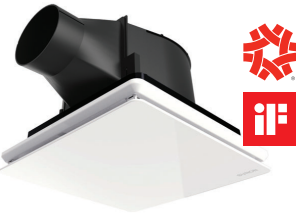
Bathroom Ventilation Fan  
2



Ventilation Fan / Filter  
3



LED Lighting Ventilation Fan  
4



Ventilation Fan / Filter  
5

NO.	Model	Mounting Dimensions (mm)	Duct Dimensions (mm)	Power Rating (V / Hz)	Mode	Power Consumption (W)	Air Flow (m³/h)	Noise (dB(A))	Weight (Kg)
1	BVN10A001	-	Ø100	100-240 / 50-60	Single	1.7	100	35	0.63
2	BVN21A001	210×210×165	Ø100	100-240 / 50-60	Single	4.5	120	32	1.5
3	BVN21A002 ※Filter	210×210×165	Ø100	100-240 / 50-60	Single	4.5	120	29	1.7
4	BVN21A003 ※W / Y	210×210×165	Ø100	100-240 / 50-60	Single	Fan : 4.5 LED : 12	120	29	2.0
5	BVN25A001 ※Filter	250×250×185	Ø100	100-240 / 50-60	High Low	19 8	254 180	40 37	2.4

※ Specifications are for reference only and subject to change without prior notice. Please refer to the actual product packaging for final details.

This product is patent protected. Counterfeiting will be prosecuted.

Patent No. : ZL201320715356.4, ZL201320714973.2, ZL201330476885.9, ZL201330476884.4, ZL201330364650.0, ZL201420286641.3, ZL201420157902.1, ZL201420310661.X, D162170, D161521, D162171