

Brightest and Purest

VORTEX LED DESK LAMP

Built-In Filterless Samsung SPI Air Purifier

VE1001-A

***USER'S
MANUAL &
WARRANTY
CARD***



Please carefully read this entire manual before using.



VORTEX ENTERPRISE

VORTEX LED DESK LAMP

Built-In Filterless Samsung SPI Air Purifier

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Warning & Caution



Warning

WARNING : TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR INJURY :

- **Use only the adaptor provided with this product.**
- Completely insert the AC adaptor/power plug into the power outlet. Failure to do so may cause electric shock and/or excessive heat resulting in a fire.
- Do not use outdoors or near water
- Do not handle plug or appliance with wet hands
- Do not stare directly at the LEDs
- Do not place in direct contact with water and liquids
- Do not place near flammable and toxic products
- Do not attempt to open and/or disassemble
- Do not use solvents or cleaning solutions
- Clean only with a soft dry cloth
- Clean motor filter regularly
- Place on flat and secure surface



Caution

- DO NOT USE AN EXTERNAL DIMMER WITH THIS LAMP. DOING SO MAY CAUSE DAMAGE TO THE PRODUCT
- OVERHEATING MAY RESULT IN REDUCED LED LIFESPAN AND IRREPARABLE DAMAGE. TO AVOID OVERHEATING :
- Keep out of direct sunlight
- Do not obstruct with items such as towels, clothing, curtains
- Remove plastic bags and protection films from lamp before use
- Recommended ambient temperature : under 77 F



Contents



LED Desk Lamp



Adapter



User's Manual

Descriptions & Functions





Assembly Instruction



1. Plug adapter transformer into power jack underneath the base
-



2. Make sure not to have the base sit on the cord
-



3. Plug adapter into the wall

Operating Instruction



Power Button
On / Off



Three dimming levels

1. Reading Mode (1200 LUX)
Stimulates concentration and reduces eye strain with the choice of high-range color temperature.
2. Relaxing Mode (600 LUX)
Promotes relaxation along with improved mood with the choice of mid-range color temperature.
3. Bedtime Mode (150 LUX)
Encourages a deep sleep comfortable with choice of low-range temperature.

Reading Mode ↔ Relaxing Mode ↔ Bedtime Mode



Samsung SPI
Power On / Off



Two blow speed levels

1. Low Blow Speed Level
2. High Blow Speed Level

SPI On → Low Blow → High Blow → SPI Off



Features and Benefits

VORTEX LED Desk Lamp with Built-In Filterless Samsung SPI Air Purifier illuminates your reading, while purifying the air around you.

The energy and cost saving light has three dimming levels, and is perfect for reading, relaxing and bedtime modes.

Also, the air purifier eliminates dust mites, cat/dog allergens, viruses, bacteria, molds and even MRSA with coverage up to 175 square feet.



Lighting

- * 42 bright-white LEDs (equivalent to a 75W incandescent)
- * 12 Watt (saves \$286.00 on utility bills over the life of the lamp based on average of \$.11/KwH)
- * 50,000 hours lifespan (lasts up to 28 years based on 5hours/day usage)
- * 1200 Lux brightness
- * Operates cooler than incandescent and fluorescent desk lamps
- * Multi-steps of dimming modes
- * Does not emit UV radiation
- * No flickering
- * Environmentally friendly, does not contain toxic mercury



Air Purification

- No filter
- Ozone and toxic free
- Very quiet device
- Covers up to 175 sq ft.
- Eliminates over 99% of air contaminants (viruses, bacteria, molds and even MRSA)
- Effectiveness certified for dust mite and cat/dog allergen

Features and Benefits of Samsung SPI

Built-in filterless Samsung SPI air purifier has demonstrated the elimination of the biological contaminants with the collaboration of academic research organizations around the world.

How does SPI eliminate harmful air contaminants?

The SPI generates active hydrogen(H) and the oxygen ions(O₂⁻) which forms hydroperoxy radical(HOO⁻). Then, it surrounds the positively charged biological contaminants and reacts with three hydrogen elements of its protein structure, forming water vapor. Also, the active hydrogen combines with OH-radical to form a water vapor, neutralizing harmful OH-radical.

The process of eliminating the harmful substances is completely harmless to human body and SPI improves the air quality.

2010 AHR Expo Innovation Awards

Certifications of Samsung SPI (Super Plasma Ion)

Certified Effectiveness of Samsung SPI (Super Plasma Ion)

Neutralizing OH-Radical

Inactive Biological Contaminants

Safe Technology to Human Body



SUBSTANCE	EFFECTIVENESS	CERTIFIED BY
Influenza virus type A	99.7% Elimination	Kitasato Environmental Science Center
	99.6% Elimination	Yonsei University
Corona virus (Strain of SARS-Corona Virus)	99.6% Elimination	Kitasato Medical Center
Penicillium	98.4% Elimination	Kitasato Environmental Science Center
Asperillus	96.4% Elimination	
Cladosporium	98.9% Elimination	
Staphylococcus aureus	99.96% Elimination	
Micrococcus	99.86% Elimination	
MRSA (Methicillin-resistant Staphylococcus aureus)	99.99% Elimination	
Mold(Staphylococcus aureus / E.coil)	99.9% Elimination	Korea Consuming Science Research Center
Allergen(Dust Mite, Cat / Dog Allergen)	Effectiveness certified	Acquired British Allergy Foundation(U.K) Seal
	Effectiveness certified	Research Triangle Institute Test(U.S.A)
Indoor contaminants	Over 90% Elimination	Shanghai Ji-Kong Assessment Center for safety & health
Animal toxicity test	Non-toxic	Seoul Toxicology Laboratory



Specifications

Product	Vortex LED Desk Lamp Built-In Filterless Samsung SPI Air Purifier
Model #	VE1001-A
Power Consumption	12 Watt
Power	Input : AC 100 ~ 240V, 50/60Hz(Adaptor)
Use only the adaptor provided with this product	Output : DC 12V(Adaptor)
Light Output	1200 Lux
LED	42 LEDs
Dimension	18.5 x 8.7 x 8.7 (inch)
Patent Pending	30-2010-0046602
Manufacturer	Vortex Enterprise 10168 Artesia Place Bellflower CA 90706 U.S.A www.vortexenterprise.com



**Environmental
Friendly**



**Energy
Saving**



**World Recognized
Technology**

Motor Filter

Motor filter prevents contaminants including dust to protect motor



Open the motor
filter cover



Rinse with water



Place it back after
complete dry



Recommend to clean at least twice a year



FAQ

Q: Does Vortex LED Desk Lamp heat up a room?

A: No; does not noticeable increase room temperature.

Q: How does Filterless Samsung SPI Air Purifier works?

A: Refer to page 10

Q: Are there any side effects from Samsung SPI Air Purifier?

A: No, it is tested and certified to be safe with ozone free and toxic free.

Q: What is Samsung SPI Air Purifier air cleaning capacity?

A: Its coverage is up to 175 sq. ft.

Q: Will Samsung SPI Air Purifier operate alone with LED Desk Lamp off?

A: Yes; it can be operated separately.

Q: What if Samsung SPI Air Purifier is not blowing out?

A: Clean the motor filter

Q: Can I use 24 hours constantly?

A: Yes; however, recommend to power off often.

Q: I have other questions.

A: Please contact at 562-206-2505 or email info@vortexenterprise.com

Warranty Card

1 Year Warranty Card

In order to obtain full warranty terms and conditions as stated below, please fill in and return Warranty Card to Vortex Enterprise. You may also register at www.vortexenterprise.com

Product	Vortex LED Desk Lamp	Model	VE1001-A
Serial #		Date of Purchase	
Store Name		Customer Name	
Address		Phone #	

This product is warranted by Vortex Enterprise, to the original purchaser to be free from defects in material and workmanship under proper use for a period of one year from date of purchase. During this period, and upon proof of purchase and date of purchase, this product will be repaired or replaced with same or similar model without charges for parts or labor. To be eligible for the warranty, please register at www.vortexenterprise.com or complete the warranty card at the time of purchase and mail it Vortex Enterprise. To obtain warranty service, please send the product sales receipt or proof of purchase. This warranty does not apply to a product that has been misused, abused, or altered without limiting the afore-mentioned, bending or dropping the unit, defects in the electrical installation or fluctuating power levels are presumed to be defects resulting from misuse or abuse.

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