

STL VK Series Professional Germicidal Air Processors

Congratulations on your purchase of STL's latest VK series professional germicidal air processor, providing your environment with round the clock germicidal protection.

According to studies, germ-laden droplets expelled by people with bacterial or viral infections when they breathe, talk, cough, or sneeze can remain suspended in the air for some 45 minutes. When inhaled these can potentially cause life threatening infections.

STL's newest VK series of air processors use powerful Philips Sterilamp® UVC lamps to kill over 99.9% of air borne bacteria and viruses in the air processed. Minimal power consumption means the units can be kept running 24/7 to provide nonstop protection in the home, clinic, restaurant, school, shop, or office.

Please read these instructions and precautions carefully before using the product.

EFFECTIVENESS

Bacteria and viruses passing through STL's VK3000 are exposed to over 480 W s/m² of UVC power (this number is known as the Effective Dosage). For reference, below are the Effective Dosages needed to kill 99.9% of several commonly found bacteria and viruses*:

Dysentery	65.8 W s/m ²
Tuberculosis	181.8 W s/ m ²
E. Coli	89.7 W s/m ²
Salmonella	119.1 W s/m ²
Hepatitis A	215.9 W s/m ²
Influenza	107.9 W s/m ²
Rotavirus	246.7 W s/m ²

* Based on data provided by Philips

Rhinovirus es (those that cause the common cold) and coronaviruses are also effectively destroyed by the strong UVC dosage.

The effectiveness of UVC against such common bacteria and viruses is why professionally installed UVC systems are often found in hospitals for disinfecting rooms.

CAUTION

WARNING: The unit is designed to limit the amount of UVC emitted outside the unit to safe levels. However, do not look directly into the top or bottom openings within 6 inches of the unit, as prolonged exposure to the low levels can still cause injury particularly to the eyes. Take precautions to avoid children and babies from looking up inside the air inlet.

Never attempt to open the unit. There are no user serviceable parts inside. Attempts to open the unit, particularly with the unit turned on, can cause severe injury. The warranty is voided if attempts are made to open the unit. Please contact STL if you believe your device is malfunctioning.

Do not allow children to climb onto the unit, as this may cause the unit to topple over and result in severe injury. Always use this unit on a flat level surface.

The unit is designed to be placed with its back against a wall.

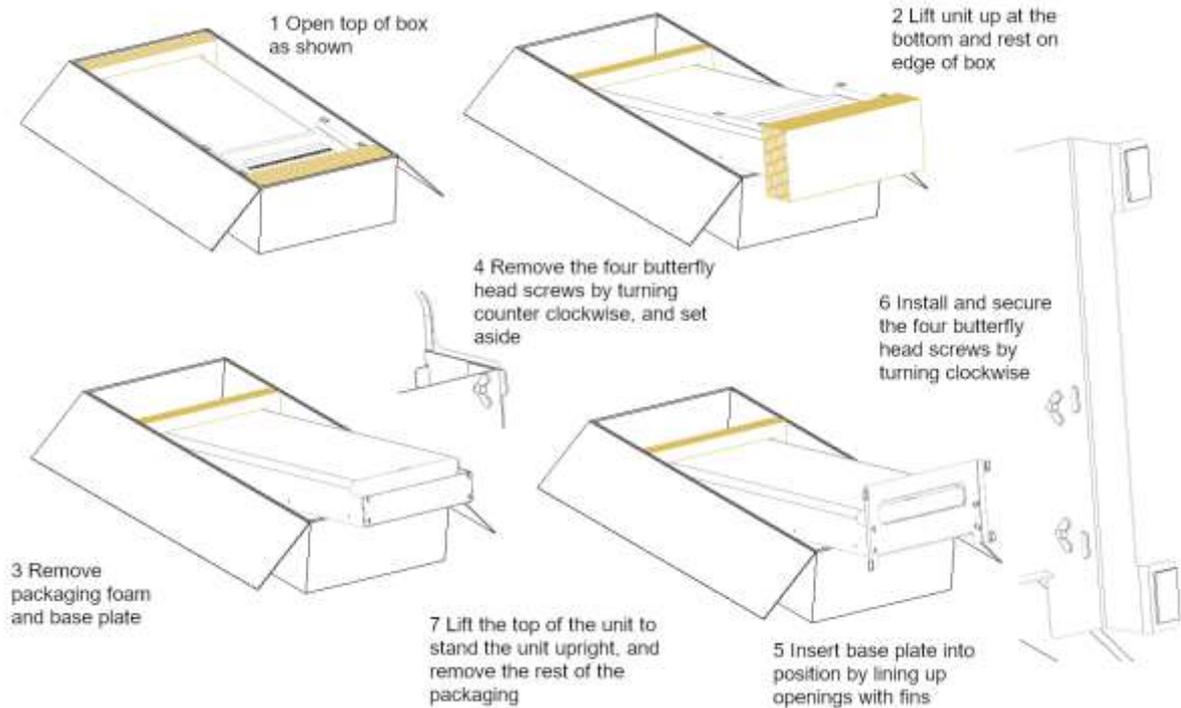
Do not place any items on the unit as this will block the air flow and reduce the effectiveness of the unit.

Do not pour any liquids into the unit as this will increase the risk of electrocution.

Protect the cord from being stepped on or pinched. Do not use the unit if the cord becomes damaged. Do not attempt to replace the cord by yourself.

This unit is intended for indoor use only. Do not expose to rain.

ASSEMBLY INSTRUCTIONS



OPERATING INSTRUCTIONS

The unit is extremely easy to use and does not require any user adjustment. Simply plug it into the wall socket, turn on the switch at the plug, and the unit will operate. Check to make sure there is air flowing out from the top of the unit.

For best performance, we recommend that the unit be placed where the air flow is not blocked, and where there is the greatest number of people (for example near the sitting area in a waiting room).

Please note the unit is designed to be placed with its back against a wall.

MAINTENANCE

The unit is designed to operate continuously without need for user maintenance. There are no user serviceable parts inside the unit. Apart from authorized technicians, the cabinet must not be opened as there are strong

UVC emitters inside the unit that can cause serious injury to eyes and exposed skin.

For routine cleaning, wipe the cabinet with a damp cloth with a little bit of dish washing detergent.

Once a month use a vacuum cleaner installed with a soft brush head:

-Turn off power and vacuum the bottom air inlet of the unit.

-Turn on power and vacuum the top air exit surface of the unit.

Never spray or submerge the unit in water. Do not attempt to open the unit to clean the inside.

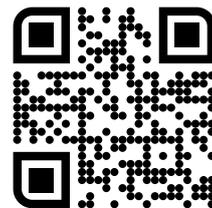
If there is unusual noise from the unit, unplug the unit from the AC power. Examine the air outlet on the top of the unit and remove any foreign objects that may have lodged inside. Use a vacuum cleaner to clear any dust or foreign objects that may be blocking the top air outlet or bottom air inlet.

WARRANTY

All products come with a 12 month guarantee against defects in material and workmanship. Original invoice with purchase date within 12 months must be presented to receive warranty service.

SERVICE CONTACT

If you require assistance, or believe your unit is faulty, please contact STL Customer Service at air@air-sterilizer.com , or call or send us a message by WhatsApp to 91438685



SPECIFICATIONS

	VK1000	VK2000	VK3000
Input	220VAC		
Power Consumption	23W	45W	65W
UVC Power Rating	15W	36W	51W
Airflow	>70 CFM	>100 CFM	>210 CFM
UVC Dosage	> 390 W s/m ²	> 750 W s/m ²	> 480 W s/m ²
Height	1238mm		
Width	468mm		
Depth (not including base plate)	151mm		
Weight	Approximately 9kg		