

UV Air Sterilizer

UV Air Sterilizer (Mobile)

Introduction:

The use of long-life ultraviolet lamp, through the fan to the outside of the machine air inhalation to the inside of the machine through the ultraviolet radiation, bacteria and virus inactivation, and then the disinfection of the air through the fan outside the machine, so as to achieve the purpose of air disinfection in the room. It is suitable for laboratory department, isolation point, intensive care ward of hospital etc.

Features:

- * The coexistence of man and machine means that it can be disinfected in a manned environment or in an unmanned environment.
- * Using a single chip microcomputer control core, 6 groups of switch segments can be booked within 24 hours and the wind speed is adjustable in three gears (9 groups of switch segments only for BKB-Y-800).
- * Manual, timing, temporary 3 working modes are convenient for users to choose (Manual, automatic, timing, temporary 4 working modes only for BKB-Y-800).
- * With ultraviolet lamp, fan, negative ion module, plasma module fault alarm, filter and ultraviolet lamp maintenance prompt alarm (Only for BKB-Y-800).
- * Super infrared, remote control equipment.
- * Easy removable external filter design, built-in high concentration negative ion generator.

Technical Parameters:

Model	BK-Y-600	BK-Y-800	BK-Y-1000	BK-Y-1300	BKB-Y-800
Applicable Space	≤60m³	≤80m³	≤100m³	≤130m³	≤80m³
Circulating Air	≥600m³/h	≥800m³/h	≥1000m³/h	≥1300m³/h	≥800m³/h
Shell Material	ABS, anti-UV				Metal shell
Filter	Filter dust particles above 5μm				
UV Lamp Life	≥5000h				
UV Leakage	≤2μW/cm²	≤3μW/cm²	≤1μW/cm²		
O ₃ Leakage	≤0.006mg/m³	≤0.007mg/m³	≤0.019mg/m³	≤0.022mg/m³	≤0.0114mg/m³
Negative Ion Generation	≥5*10 ⁵ PCS/cm³				
Natural Bacteria Extinction Rate	≥90%				
Sterilization Rate of Staphylococcus Albus	≥99.9%				
Noise	≤55dB(A)				
Consumption	≤230W	≤260W	≤300W	≤340W	≤150W
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional)				AC220V, 50/60Hz (Standard); AC110V, 50/60Hz (Optional) (External transformer)
External Size(W*D*H)	540*410*900mm				370*360*710mm
Net Weight	19.1kg	19.4kg	21.5kg	21.9kg	
Package Size(W*D*H)	574*481*975mm				440*430*780mm
Gross Weight	22.5kg	22.7kg	24.8kg	24.8kg	27.5kg

UV Air Sterilizer (Wall Mounted)



BKS-B-600



BKZII-B-800/BKZII-B-1000
/BKZII-B-1200

Features:

- * The coexistence of man and machine means that it can be disinfected in a manned environment or in an unmanned environment.
- * LED display, there are 20s to display the total running time after shutdown (Only for BKS-B-600).
- * Two kinds of wind direction control: manual and automatic. The wind angle can be adjusted manually (Only for BKS-B-600).
- * Using a single chip microcomputer control core, 9 groups of switch segments can be booked within 24 hours and the wind speed is adjustable in three gears (BKS-B-600 only have 3 groups of switch segments).
- * It has automatic accumulation of working hours, and 4 working modes: manual, scheduled, automatic and temporary, which are convenient for users to choose (BKS-B-600 only have 3 working modes: manual, scheduled and temporary).
- * It has ultraviolet lamp, fan, negative ion module, plasma module failure alarm, filter and ultraviolet lamp maintenance prompt alarm (Only for BKZII-B-800/1000/1200).
- * It adopts an easy-to-remove filter design.

Technical Parameters:

Model	BKZII-B-800	BKZII-B-1000	BKZII-B-1200	BKS-B-600
Applicable Space	≤80m³	≤100m³	≤120m³	≤60m³
Circulating Air	≥800m³/h	≥1000m³/h	≥1200m³/h	≥600m³/h
Shell Material	High quality cold rolled steel plate			ABS, anti-UV
Filter	Filter dust particles above 5μm			Activated carbon, filter dust particles more than 5μm
UV Lamp Life	≥5000h			
UV Leakage	≤1μW/cm²	≤3μW/cm²	≤1μW/cm²	≤3μW/cm²
O ₃ Leakage	≤0.02mg/cm³	≤0.016mg/m³	≤0.02mg/m³	≤0.006mg/cm³
Negative Ion Generation	≥5*10 ⁵ PCS/cm³			≥5*10 ⁵ PCS/cm³(Optional)
Natural Bacteria Extinction Rate	≥90%			
Sterilization Rate of Staphylococcus Albus	≥99.9%			
Noise	≤55dB(A)			
Consumption	≤180W	≤235W	≤300W	≤130W
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional)(External transformer)			
External Size(W*D*H)	800*360*160mm			885*280*220mm
Net Weight	17.6kg	17.8 kg	18kg	7.2kg
Package Size(W*D*H)	860*420*210mm			1100*280*385mm
Gross Weight	19.2kg	19.3kg	19.5kg	9.8kg