









UV Germicidal Lights

Model	CFM	Air circulation	Input Power	Main Specification & Advantages	Photos
VBK-GL-1000	588ft ³ /m	1000m ³ /h	≤13W	<ul style="list-style-type: none"> ◆ UV Germicidal Lights ◆ Sterilization Rate: 99.9% ◆ Environment Temperature: -5°C~50°C ≤90%RH ◆ Size: 220x165x225/250/350/445mm 	 
VBK-GL-2000	1176ft ³ /m	2000m ³ /h	≤18W	<ul style="list-style-type: none"> ◆ Advantages: ◆ Natural bacteria in the air Eliminated rate ≥99.9% ◆ Remove formaldehyde, benzene, TVOC ≥ 90.00% ◆ Long life, safe and reliable 	
VBK-GL-3000	1765ft ³ /m	3000m ³ /h	≤24W	<ul style="list-style-type: none"> ◆ Energy saving: high, medium, low three speed ◆ Work mode: manual, timing, automatic ◆ Intelligent monitoring for air quality, temperature, humidity, running time functions, etc 	
VBK-GL-4000	2353ft ³ /m	4000m ³ /h	≤36W	<ul style="list-style-type: none"> ◆ Connected with the central air conditioner for turn OFF/ON ◆ Applications: hospitals, pharmacy, laboratory, food, chemical industry, office, hotel, public places, school supermarket and family, etc 	



■ Photocatalysis Technology - HVAC Air Cleaner



Model	CFM	Air circulation	Input Power	Reference Size(mm)	Main Specification & Advantages	Photos
VBK-HC-340	200ft3/m	340m3/h	≤10W	545x250x120	<ul style="list-style-type: none"> ◆ Photocatalysis Technology - Air Return Type ◆ Sterilization Rate: 99.9% ◆ Environment Temperature: -5℃~50℃ ≤90%RH ◆ Size only for reference, according to real install size. ◆ Advantages: ◆ Natural bacteria in the air Eliminated rate≥99.9% ◆ Remove formaldehyde, benzene, TVOC ≥ 90.00% ◆ Long life, safe and reliable ◆ Decompose harmful gases such as formaldehyde, benzene, ammonia, TVOC, etc. ◆ Connected with the central air conditioner for turn OFF/ON ◆ Applications: hospitals, pharmacy, laboratory, food, chemical industry, office, hotel, public places, school supermarket and family, etc 	 
VBK-HC-510	300ft3/m	510m3/h	≤10W	645x250x120		
VBK-HC-680	400ft3/m	680m3/h	≤15W	745x250x120		
VBK-HC-850	500ft3/m	850m3/h	≤15W	845x250x120		
VBK-HC-1020	600ft3/m	1020m3/h	≤25W	965x250x120		
VBK-HC-1360	800ft3/m	1360m3/h	≤30W	1265x250x120		
VBK-HC-1700	1000ft3/m	1700m3/h	≤30W	1370x250x120		
VBK-HC-2040	1200ft3/m	2040m3/h	≤40W	1660x250x120		



VBK-GC-500	294ft3/m	500m3/h	≤10W	473x185x350	<ul style="list-style-type: none"> ◆ Photocatalysis Technology - Pipeline Type ◆ Sterilization Rate: 99.9% ◆ Environment Temperature: -5℃~50℃ ≤90%RH ◆ Size only for reference, according to real install size. ◆ Advantages: ◆ Natural bacteria in the air Eliminated rate≥99.9% ◆ Remove formaldehyde, benzene, TVOC ≥ 90.00% ◆ Long life, safe and reliable ◆ Decompose harmful gases such as formaldehyde, benzene, ammonia, TVOC, etc. ◆ Connected with the central air conditioner for turn OFF/ON ◆ Or Pneumatic sensor technology, windy open, no wind off ◆ Applications: hospitals, pharmacy, laboratory, food, chemical industry, office, hotel, public places, school supermarket and family, etc 	 
VBK-GC-1000	588ft3/m	1000m3/h	≤10W	473x283x350		
VBK-GC-2000	1176ft3/m	2000m3/h	≤20W	885x283x350		
VBK-GC-3000	1765ft3/m	3000m3/h	≤30W	1085x348x350		
VBK-GC-4000	2353ft3/m	4000m3/h	≤40W	1085x445x350		
VBK-GC-5000	2941ft3/m	5000m3/h	≤50W	1325x445x350		
VBK-GC-6000	3529ft3/m	6000m3/h	≤60W	1625x445x350		
VBK-GC-8000	4706ft3/m	8000m3/h	≤80W	1625x538x350		
VBK-GC-10000	5882ft3/m	10000m3/h	≤120W	1625x678x350		
VBK-GC-12000	7059ft3/m	12000m3/h	≤160W	1735x730x350		

VBK-ZC-1360	800ft3/m	1360m3/h	≤15W	500x348x120	<ul style="list-style-type: none"> ◆ Photocatalysis Technology - Air Cabinet Type ◆ Sterilization Rate: 99.9% ◆ Environment Temperature: -5℃~50℃ ≤90%RH ◆ Size only for reference, according to real install size. ◆ Advantages: ◆ Natural bacteria in the air Eliminated rate≥99.9% ◆ Remove formaldehyde, benzene, TVOC ≥ 90.00% ◆ Long life, safe and reliable ◆ Decompose harmful gases such as formaldehyde, benzene, ammonia, TVOC, etc. ◆ Connected with the central air conditioner for turn OFF/ON ◆ Applications: hospitals, pharmacy, laboratory, food, chemical industry, office, hotel, public places, school supermarket and family, etc 	 
VBK-ZC-1700	1000ft3/m	1700m3/h	≤18W	600x348x120		
VBK-ZC-2720	1600ft3/m	2720m3/h	≤30W	500x663x120		
VBK-ZC-3400	2000ft3/m	3400m3/h	≤36W	600x663x120		



■ Plasma Technology - HVAC Air Cleaner



Model	CFM	Air circulation	Input Power	Reference Size(mm)	Main Specification & Advantages	Photos
VBK-HD-340	200ft3/m	340m3/h	≤5W	545x250x180	◆ Plasma Technology - Air Return Type ◆ Plasma density: $1.05 \times 10^{17} - 4.02 \times 10^{17} \text{ m}^{-3}$	 
VBK-HD-510	300ft3/m	510m3/h	≤5W	645x250x180	◆ PM 2.5: >99.98% (Test Report on last page) ◆ Sterilization Rate: 99.9%	
VBK-HD-680	400ft3/m	680m3/h	≤5W	745x250x180	◆ Environment Temperature: $-5^{\circ}\text{C} \sim 50^{\circ}\text{C}$ ≤90%RH ◆ Size only for reference, according to real install size.	
VBK-HD-850	500ft3/m	850m3/h	≤5W	845x250x180	◆ Advantages: ◆ High Purification Effect: remove PM2.5 ≥96.50%	
VBK-HD-1020	600ft3/m	1020m3/h	≤10W	965x250x180	◆ Energy Saving and environment protection	
VBK-HD-1360	800ft3/m	1360m3/h	≤10W	1265x250x180	◆ Decompose harmful gases such as formaldehyde, benzene, ammonia, TVOC, etc.	
VBK-HD-1700	1000ft3/m	1700m3/h	≤10W	1370x250x180	◆ Connected with the central air conditioner for turn OFF/ON	
VBK-HD-2040	1200ft3/m	2040m3/h	≤15W	1660x250x180	◆ Applications: hospitals, pharmacy, laboratory, food, chemical industry, office, hotel, public places, school supermarket and family, etc	



VBK-GD-500	294ft3/m	500m3/h	≤5W	473x185x410	◆ Plasma Technology - Pipeline Type ◆ Plasma density: $1.05 \times 10^{17} - 4.02 \times 10^{17} \text{ m}^{-3}$	 
VBK-GD-1000	588ft3/m	1000m3/h	≤5W	473x283x410	◆ PM 2.5: >99.98% (Test Report on last page) ◆ Sterilization Rate: 99.9%	
VBK-GD-2000	1176ft3/m	2000m3/h	≤10W	885x283x410	◆ Environment Temperature: $-5^{\circ}\text{C} \sim 50^{\circ}\text{C}$ ≤90%RH ◆ Size only for reference, according to real install size.	
VBK-GD-3000	1765ft3/m	3000m3/h	≤10W	1085x348x410	◆ Advantages: ◆ High Purification Effect: remove PM2.5 ≥96.50%	
VBK-GD-4000	2353ft3/m	4000m3/h	≤10W	1085x445x410	◆ Energy Saving and environment protection	
VBK-GD-5000	2941ft3/m	5000m3/h	≤15W	1325x445x410	◆ Natural bacteria in the air Eliminated rate ≥99.9%	
VBK-GD-6000	3529ft3/m	6000m3/h	≤15W	1625x445x410	◆ Remove formaldehyde, benzene, TVOC ≥ 90.00%	
VBK-GD-8000	4706ft3/m	8000m3/h	≤20W	1625x538x410	◆ Long life, safe and reliable	
VBK-GD-10000	5882ft3/m	10000m3/h	≤25W	1625x678x410	◆ Decompose harmful gases such as formaldehyde, benzene, ammonia, TVOC, etc.	
VBK-GD-12000	7059ft3/m	12000m3/h	≤30W	1735x730x410	◆ Connected with the central air conditioner for turn OFF/ON ◆ Or Pneumatic sensor technology, windy open, no wind ◆ Applications: hospitals, pharmacy, laboratory, food, chemical industry, office, hotel, public places, school supermarket and family, etc	

VBK-ZD-1360	800ft3/m	1360m3/h	≤5W	500x348x180	◆ Plasma Technology - Air Cabinet Type ◆ Plasma density: $1.05 \times 10^{17} - 4.02 \times 10^{17} \text{ m}^{-3}$	 
VBK-ZD-1700	1000ft3/m	1700m3/h	≤5W	600x348x180	◆ PM 2.5: >99.98% (Test Report on last page) ◆ Sterilization Rate: 99.9%	
VBK-ZD-2720	1600ft3/m	2720m3/h	≤10W	500x663x180	◆ Environment Temperature: $-5^{\circ}\text{C} \sim 50^{\circ}\text{C}$ ≤90%RH ◆ Size only for reference, according to real install size.	
VBK-ZD-3400	2000ft3/m	3400m3/h	≤10W	600x663x180	◆ Advantages: ◆ High Purification Effect: remove PM2.5 ≥96.50%	

Photoelectric Technology - HVAC Air Cleaner

Model	CFM	Air circulation	Input Power	Reference Size(mm)	Main Specification & Advantages	Photos
VBK-HGD-340	200ft3/m	340m3/h	≤15W	545x250x245	<ul style="list-style-type: none"> ◆ Plasma&UV Technology - Air Return Type ◆ Sterilization Rate: 99.9% 	 
VBK-HGD-510	300ft3/m	510m3/h	≤15W	645x250x245	<ul style="list-style-type: none"> ◆ PM 2.5: >99.98% (Test Report on last page) ◆ Environment Temperature: -5℃~50℃ ≤90%RH 	
VBK-HGD-680	400ft3/m	680m3/h	≤20W	745x250x245	<ul style="list-style-type: none"> ◆ Size only for reference, according to real install size. ◆ Advantages: 	
VBK-HGD-850	500ft3/m	850m3/h	≤20W	845x250x245	<ul style="list-style-type: none"> ◆ Natural bacteria in the air Eliminated rate≥99.9% ◆ Remove formaldehyde, benzene, TVOC ≥ 90.00% 	
VBK-HGD-1020	600ft3/m	1020m3/h	≤35W	965x250x245	<ul style="list-style-type: none"> ◆ Long life, safe and reliable ◆ Decompose harmful gases such as formaldehyde, benzene, ammonia, TVOC, etc. 	
VBK-HGD-1360	800ft3/m	1360m3/h	≤40W	1265x250x245	<ul style="list-style-type: none"> ◆ Connected with the central air conditioner for turn OFF/ON 	
VBK-HGD-1700	1000ft3/m	1700m3/h	≤40W	1370x250x245	<ul style="list-style-type: none"> ◆ Applications: hospitals, pharmacy, laboratory, food, chemical industry, office, hotel, public places, school supermarket and family, etc 	
VBK-HGD-2040	1200ft3/m	2040m3/h	≤55W	1660x250x245		

VBK-GGD-500	294ft3/m	500m3/h	≤15W	473x185x495	<ul style="list-style-type: none"> ◆ Plasma&UV Technology - Pipeline Type ◆ Sterilization Rate: 99.9% 	 
VBK-GGD-1000	588ft3/m	1000m3/h	≤15W	473x283x495	<ul style="list-style-type: none"> ◆ PM 2.5: >99.98% (Test Report on last page) ◆ Environment Temperature: -5℃~50℃ ≤90%RH 	
VBK-GGD-2000	1176ft3/m	2000m3/h	≤30W	885x283x495	<ul style="list-style-type: none"> ◆ Size only for reference, according to real install size. 	
VBK-GGD-3000	1765ft3/m	3000m3/h	≤40W	1085x348x495	<ul style="list-style-type: none"> ◆ Advantages: 	
VBK-GGD-4000	2353ft3/m	4000m3/h	≤50W	1085x445x495	<ul style="list-style-type: none"> ◆ Natural bacteria in the air Eliminated rate≥99.9% ◆ Remove formaldehyde, benzene, TVOC ≥ 90.00% 	
VBK-GGD-5000	2941ft3/m	5000m3/h	≤65W	1325x445x495	<ul style="list-style-type: none"> ◆ Long life, safe and reliable ◆ Decompose harmful gases such as formaldehyde, benzene, ammonia, TVOC, etc. 	
VBK-GGD-6000	3529ft3/m	6000m3/h	≤75W	1625x445x495	<ul style="list-style-type: none"> ◆ Connected with the central air conditioner for turn OFF/ON 	
VBK-GGD-8000	4706ft3/m	8000m3/h	≤100W	1625x538x495	<ul style="list-style-type: none"> ◆ Or Pneumatic sensor technology, windy open, no wind off 	
VBK-GGD-10000	5882ft3/m	10000m3/h	≤145W	1625x678x495	<ul style="list-style-type: none"> ◆ Applications: hospitals, pharmacy, laboratory, food, chemical industry, office, hotel, public places, school supermarket and family, etc 	
VBK-GGD-12000	7059ft3/m	12000m3/h	≤190W	1735x730x495		

VBK-ZGD-1360	800ft3/m	1360m3/h	≤20W	500x348x255	<ul style="list-style-type: none"> ◆ Plasma&UV Technology - Air Cabinet Type ◆ Sterilization Rate: 99.9% 	 
VBK-ZGD-1700	1000ft3/m	1700m3/h	≤23W	600x348x255	<ul style="list-style-type: none"> ◆ PM 2.5: >99.98% (Test Report on last page) ◆ Environment Temperature: -5℃~50℃ ≤90%RH 	
VBK-ZGD-2720	1600ft3/m	2720m3/h	≤40W	500x663x255	<ul style="list-style-type: none"> ◆ Size only for reference, according to real install size. ◆ Advantages: 	
VBK-ZGD-3400	2000ft3/m	3400m3/h	≤46W	600x663x255	<ul style="list-style-type: none"> ◆ Natural bacteria in the air Eliminated rate≥99.9% ◆ Remove formaldehyde, benzene, TVOC ≥ 90.00% ◆ Long life, safe and reliable ◆ Decompose harmful gases such as formaldehyde, benzene, ammonia, TVOC, etc. ◆ Connected with the central air conditioner for turn OFF/ON ◆ Applications: hospitals, pharmacy, laboratory, food, chemical industry, office, hotel, public places, school supermarket and family, etc 	

Trade Terms:

1. **Price Term:** Ex-Factory, Dongguan, China
2. **Payment Term:** T/T, L/C, HSBC or West Union
3. **Sample Term:** Available after customers pay the charges of sample & freight fees
4. **Warranty Period:** 1 years

Professional HVAC Air Cleaner Manufacturer



中国科学院广州化学研究所分析测试中心
Analyzing and Testing Center of Guangzhou Institute of Chemistry, Chinese Academy of Sciences
广州中科检测技术服务有限公司
Guangzhou CAS Test Technical Services Co., Ltd.

检测报告
报告编号: JKK160902-01 日期: 2016/09/02 页码号: 5/8

检测结果 (四):

检验项目	作用时间 (min)	对照组			试验组		去除率 K_t (%)
		初始浓度 C_0' (mg/m ³)	终浓度 C_t' (mg/m ³)	自然衰减率 N_t' (%)	初始浓度 C_0 (mg/m ³)	终浓度 C_t (mg/m ³)	
PM _{2.5}	60	5.05	4.70	6.93	5.07	<0.001	>99.98

检验说明:
1. 测试对象 $\leq 2.5\mu\text{m}$
2. 试验条件
1) 环境温度: (25 ± 2) °C
2) 环境湿度: (50 ± 10) %RH
3. 试验设备
试验舱 (30 m³)、粉尘仪 (TSI 8530)
4. 机器运行状态
试验过程开启“最高风速”档
5. 计算公式
自然衰减率 $N_t(\%) = \frac{C_0 - C_t}{C_0} \times 100$ (C_0 为对照组初始浓度, C_t 为对照组终浓度)
去除率 $K_t(\%) = \frac{C_0 \times (1 - N_t') - C_t}{C_0 \times (1 - N_t')} \times 100$ (C_0 为试验组初始浓度, C_t 为试验组终浓度)

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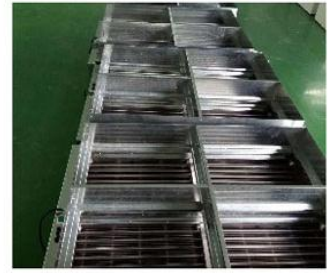


ABOUT US

V1 Environmental Technology Co., LTD. was set up together by V1 Industrial HK Limited and Da An Gene Co.,Ltd. of Sun Yat-Sen University, which is a scientific and high technological stock company, specifying in R&D, production, sales service for air sterilization solution like Medical Air Sterilizer, Central Air Conditioning Sterilization Purification Device and Air filter. V1 have several senior experts and technicians who have over 10years experienced. The product has passed the statutory authority. The product with the core technology of 3 in 1 Semiconductor sterilization purification, and won the national practical new patents. Since 2011, the establishment of V1 Environmental Technology Co., LTD., we keep sticking to the indigenous innovation and closely obey the concept and the quality policy " leading in technology, high quality and efficiency, customer orientation, abide by contract" to increase the core competitiveness. 2019, In Mexico, built new factory-V1 Moldes, S.A. de C.V. 2018, In Slovakia, We established V1 Industrial Europe S.R.O



FACTORY DISPLAY



V1 Staff warmly welcome you to visit us!