

## “CA-VSD” 负压灭菌装置

医用中心吸引系统所排气体中，会带有各种细菌、病毒，若不经处理直接排放，会增加院内交叉感染的风险。为有效灭杀这些病原体，应在医用真空机组排气口安装负压灭菌装置。GB50751-2012《医用气体工程技术规范》与GB51039-2014《综合医院建筑设计规范》有明确规定：负压吸引机房应单独设置，其排放气体应经过处理后排入大气。真空泵的排气应符合医院环境卫生标准要求。CanGas®医用负压灭菌装置采用高效过滤、高强紫外线、高浓度臭氧三种灭菌方式同时作用，有效杀灭负压排气系统的细菌、病毒等病原体，可满足医疗废气安全无害化排放的需求。



### 负压灭菌装置特点

1. 装置构成：电源模块，紫外线及臭氧离子发射器，活性炭过滤器，除菌过滤器模块，控制系统，设备箱体等。
2. 有效消除化学气味、臭味、霉变、腐烂等异味，提供清新洁净的空气环境。
3. 高效过滤、高强紫外线、高浓度臭氧三合一灭菌，病毒灭杀更彻底。
4. 体积小，能耗低，安全可靠。
5. 操作简单，通电自动运行。
6. 适用于水环真空机组、油式旋片真空机组、爪式真空机组。
7. 专业第三方检测机构依据GB/T 34012-2017《通风系统用空气净化装置》、《消毒技术规范》（2002年版）两项标准检测合格，提供权威检测报告。

### 负压灭菌装置参数

设备型号	处理风量m <sup>3</sup> /h	系统压差KPa	外形尺寸mm	电源	功率KW	病菌灭杀率
CA-VSD-1	600	<3	450*430*660	220V/50HZ	<0.5	>99.999%
CA-VSD-2	1200	<3	900*430*660	220V/50HZ	<1	>99.999%

※更多型号和参数,请咨询中成航宇医用制氧事业部※

### 北京中成航宇科技股份有限公司

地址:北京市西城区南滨河路27号贵都国际中心B座514-516室  
工厂地址:河北省廊坊市固安县工业园区北开发区科技大道10号  
邮箱:medical@can-gas.com  
电话:400-116-9800  
传真:010-6333 8230  
网址:www.can-gas.com



# "CA-VSD" Negative Pressure Sterilizer

The exhaust gas from the suction system of the medical center will contain various bacteria and viruses, and if it is discharged directly to the atmosphere without any treatment, it will increase the risk of cross-infection in the hospital. In order to effectively kill these pathogens, a negative pressure sterilization device should be installed at the exhaust port of the medical vacuum unit.

GB50751-2012 "Medical Gas Engineering Technical Code" and GB51039-2014 "General Hospital Architectural Design Code" clearly stipulate that the negative pressure suction room should be set up separately, and the exhaust gas should be discharged into the atmosphere after treatment. The exhaust of the vacuum pump should meet the requirements of the hospital's environmental hygiene standards.

CanGas® medical negative pressure sterilization device adopts high-efficiency filtration, high-strength ultraviolet light, and high-concentration ozone to act simultaneously to effectively kill bacteria, viruses and other pathogens in the negative pressure exhaust system, which can meet the requirements of safe and harmless discharge of medical waste gas need.



## Features of Negative Pressure Sterilizer

1. Device composition: power module, ultraviolet and ozone ion emitter, activated carbon filter, sterilizing filter module, control system, equipment box, etc.
2. Effectively eliminate chemical smell, odor, mildew, rot and other peculiar smells, and provide a fresh and clean air environment.
3. High-efficiency filtration, high-strength ultraviolet rays, and high-concentration ozone three-in-one sterilization, killing viruses more thoroughly.
4. Small size, low energy consumption, safe and reliable.
5. Simple operation, automatic operation & control when powered on.
6. Suitable for Liquid Ring Vacuum Systems, Oil Rotary Vane Vacuum Systems, Claw Vacuum Systems, etc.
7. Tested by the professional third-party testing agency and passed the test according to the two standards of GB/T 34012-2017 "Air Purification Device for Ventilation System" and "Disinfection Technical Specifications" (2002 Edition), and provides an authoritative test report.

## Negative Pressure Sterilizer Parameters

Model	Capacity (m³/h)	Pressure loss (KPa)	Dimension (mm)	Power supply	Rated power (KW)	Killing rate
CA-VSD-1	600	<3	450*430*660	220V/50HZ	<0.5	>99.999%
CA-VSD-2	1200	<3	900*430*660	220V/50HZ	<1	>99.999%

※For more models and parameters, please consult the International Marketing Department of CAN GAS SYSTEMS COMPANY LIMITED※

## CAN GAS SYSTEMS COMPANY LIMITED

Factory: 10 Science Avenue, Gu'an Industrial Zone, Langfang City, Hebei Province, China, 065500.  
 Headquarters: B516, GID International Center, 27 Nanbinhe Road, Xicheng District, Beijing, China, 100055.  
 Tel: 400-116-9800  
 Email: [medical@can-gas.com](mailto:medical@can-gas.com)  
 Web: [www.can-gas.net](http://www.can-gas.net)

