

UVGI-SA – Halton 守护者空气杀菌过滤器



概览

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Features and Benefits ^

- 再循环回室内
- 即插即用，便携式
- 120/16' 电线和插头组，374瓦（提供国际电压和插头），100-130V，200-240V，50/60 Hz
- 清洁空气输送速度提高-800 CFM（377.6升/秒）、1000 CFM（471.9升/秒）、1200 CFM（566.3升/秒）
 - 例如，一个有25名学生的典型教室的通风换气次数^{1,2}是250 cfm。（每个学生10 cfm 室外空气）添加1000 cfm清洁消毒空气可将空气传播感染的概率降低4.4倍³。其他感染概率可根据使用和人数情况计算
- 灯管预计寿命为13,000 小时
- 抗紫外线MERV 13空气过滤器
- 控制界面-触摸屏HMI
- 钢结构，带粉末涂层饰面，带固定安装锚的重型锁定脚轮
- 声音等级: 正常运行55dB（高速运行65dB）
- 开/关功能在移动设备上
- 颜色黑色（颜色代码80020）或白色（颜色代码9010）

[Click to watch a short video explaining the Halton Sentinel Unit ^](#)

Need more information?



[View Halton’s SafeGuard Risk UVGI Solutions Brochure ^](#)

[View Brochure](#)

Specification

提供Halton 守护者紫外线杀菌照射过滤装置。装置外部由不锈钢制成，并配有29%的开口穿孔金属板。

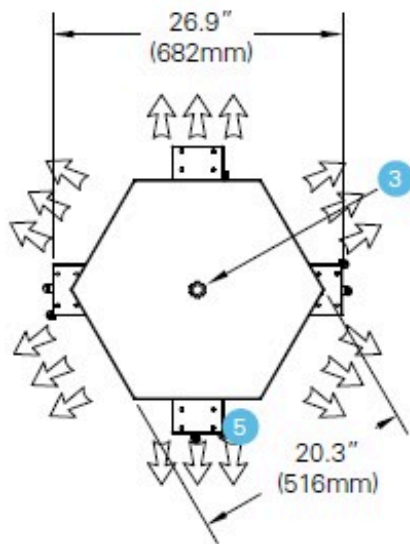
该装置配备重型锁定脚轮，以便移动。装置内部由镀铝钢制成，以防腐蚀。该装置配备一次性MERV 13过滤器。

该装置应配备2个额定值为13000小时和254nm的UVGI管。254nm范围以外或产生臭氧的UV-C灯泡是明确禁止的。

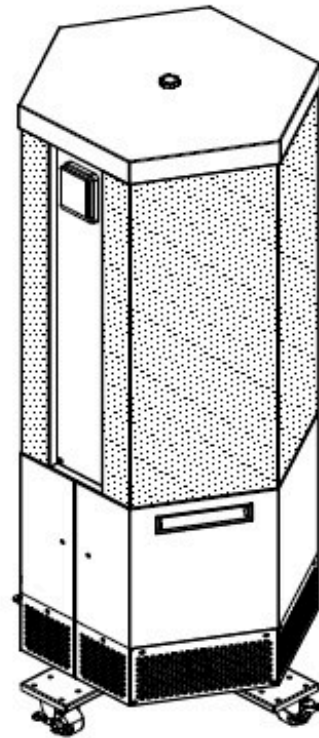
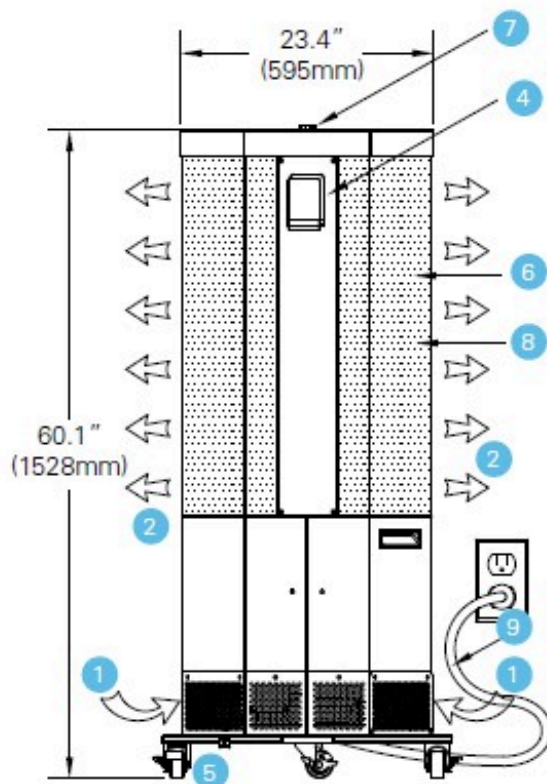
该装置需要120/1插座、15安培电路。该装置按照UL标准制造。

Dimensions

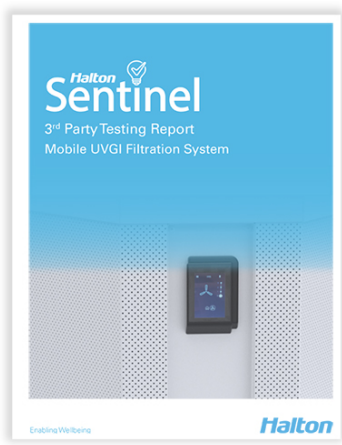
The weight of each UVGI-SA unit is **140lbs (64kg)**



- 1 Air inlet - Perforated Panels
- 2 Air Outlet - Perforated Panels
- 3 Hand Knob - Access to Filters and Bulbs
- 4 Touch Screen
- 5 Heavy-Duty Locking Casters
- 6 UV Bulbs Inside
- 7 Top Access for Electrical and Fan at Rear
- 8 Filters Inside with 6" Radiance Factor
- 9 Plug and Cord



UVGI 3rd Party Testing Report



Testing was conducted at LMS Technologies to determine the single-pass removal efficiency and microbial properties of the Halton Mobile unit when exposed to surrogate pathogens *Serratia marcescens* and MS-2 bacteriophage. This data was compared to previous models completed by the Foodservice Research team in Scottsville.

Testing was conducted at 975 CFM which aligns with the recommended operating point. The device contained two UV lamps and a series of MERV 13 filters to remove pathogens.

Free download (PDF)
Halton Sentinel 3rd Party Testing Report

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