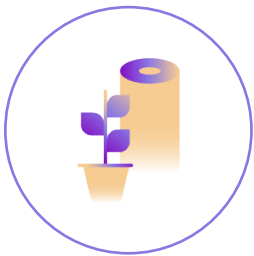




The Centers for Medicare & Medicaid Services (CMS) recently approved funding to support improved air quality in U.S. nursing homes. Each nursing home facility may request up to \$3,000 for portable indoor air cleaners with high-efficiency particulate air filters (HEPA) to improve air quality.

Built in Washington state and developed after the onset of the Covid-19 pandemic, **VIOLETT** is the new **AIR QUALITY STANDARD™** for shared living communities.



Over the last two years, Violett worked with elder care facilities to design and pilot Violett portable air disinfection units.



Violett technology killed >99.9999% of Covid-19 surrogate virus MS2 in 30 minutes.




What does that mean?

- Violett killed more than 40 billion airborne viruses in 30 minutes.
- So if you sneezed 2.9 million* viruses into the air, 1 single virus would remain after Violett treatment.

*For context, the average sneeze only results in 40,000 virus-containing airborne droplets.

To learn more, please contact:

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“The pandemic revealed that no one was adequately prepared. We needed to deploy a solution that was effective, affordable, and easy to install. We utilized Violett’s new portable air disinfection devices in each resident room and found many benefits: the best possible placement, in an affordable way; we immediately noticed a reduction in offensive odors, as well as fewer cold and flu infections; in addition, Violetts are very home-like, without the distraction of a clinical appearance.”

—Doug Bault, Former Executive Director, Garden Village (Yakima Valley Memorial)

Why Violett?



Covid-killer

Violett kills airborne pathogens including SARS-Cov-2 by utilizing UVC emitters that produce light at the peak germ-killing wavelength.



Odor elimination

Violett is the first air disinfection device ever that has cutting-edge, odor eliminating nanotechnology.



HEPA

Violett utilizes a HEPA grade filter to remove many airborne pollutants like viruses, bacteria, mold, smoke, etc.



VOC removal

Volatile organic compounds and harmful gases are removed by an activated carbon pre-filter as well as dust and large particulates.



Reduce risk of exposure to residents and staff

Place in high traffic areas like dining rooms and staff break rooms. Place in resident rooms to reduce the risk of illness.



Air quality sensor

Each device includes an integrated air quality sensor, along with a web-based app dashboard with air quality sensing and data visualization.



Large space, small time

Each Violett unit covers ~800 sq. ft. in 30 minutes.



New revenue stream

Consider offering optional Violett **daily room rentals**. It's a way to **generate ~\$400 per month**.

3rd Party Testing

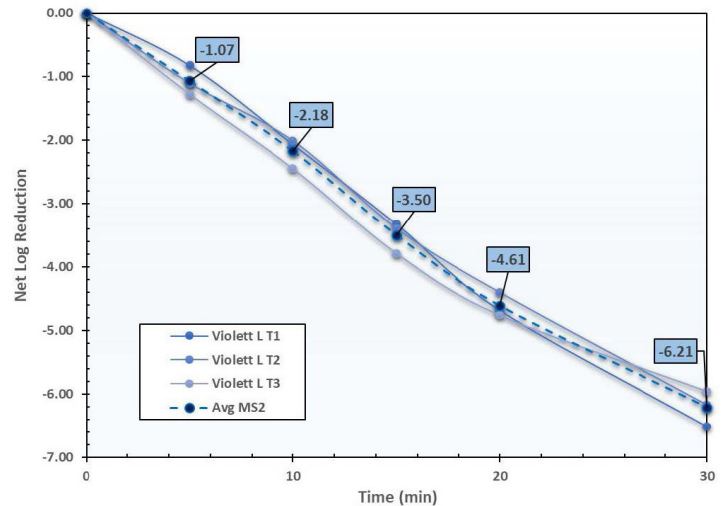
In independent third-party testing, Violet units reduced >99.9999% of airborne viral particles in 30 minutes, a 6.21 net log reduction.

This level of clearance is believed to reduce the likelihood of individuals being exposed to and contracting airborne infectious diseases in an enclosed environment.

*Tests of the Violet unit were performed on the highest fan speed setting against MS2 bacteriophage bioaerosols (a surrogate of SARS-CoV-2). Experiments were performed in triplicate (T1, T2, and T3).

MS2 Trials: Net LOG Reduction

Large Chamber, Impinger Sampling, Enumerated in Triplicate



Budget

DESCRIPTION	PRICE	QTY	SUBTOTAL
Violet Portable Air Disinfector	\$2,500.00	1	\$2,500.00
4 activated carbon pre-filters and 4 odor removing nanotechnology filters (1 year supply)	Included		

*Shipping and tax will depend upon location

SUPPLIES	COST
Yearly (Option 1): HEPA and Activated Carbon Pre-filter	\$200.00
Yearly (Option 2): HEPA, Activated Carbon Pre-filter and Nanotechnology Odor Removal	\$300.00
Every 2 years: UVC light emitters	\$400.00

Product Specifications

Size/Dimensions: 36" Height x 10" Width
 Weight: 25 lbs
 UVC light: High intensity LEDs
 Room size coverage: 800 sq ft in 30 minutes
 Length of power cord: 3 ft

Filters:
 Pleated H13 HEPA filter
 Activated carbon pre-filter (VOC removal)
 Nanotechnology odor removing filter

On 'high' fan speed:
 Cubic feet/minute: 225 CFM
 Noise level: 65 dB
 Power consumption: 150 W

Resources

TOPIC	RESOURCE
Studies showing UVC light kills SARS-CoV-2	https://www.mdpi.com/1999-4915/13/3/460 https://www.nature.com/articles/s41598-020-79600-8 https://pubmed.ncbi.nlm.nih.gov/32673522
Study showing UVC light's germicidal effect on bioaerosol virus	https://pubs.acs.org/doi/10.1021/es070056u
Study showing UVC light's historical inactivation data of all other tested pathogens (virus, bacteria, mold, protozoa, etc.)	https://nvlpubs.nist.gov/nistpubs/jres/126/jres.126.021.pdf
White House 2022 Summit on Indoor Air Quality	https://www.youtube.com/watch?v=q1HCG1aXaBg
Healthy Buildings Book –Harvard University Press	https://healthybuildingsbook.com

