

Indoor Air Quality

Disinfection Product Catalog



PURGE VIRUS

STAY SAFE and HEALTHY



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www.PurgeVirus.com



PURGE VIRUS
STAY SAFE and HEALTHY

Catalog

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Indoor Air Quality IAQ OVERVIEW

Purge Virus works with business owners, facility managers, administrators, architects, engineers and contractors to ALIGN proven and cost-effective disinfection technologies with the indoor air quality needs, square footage, and HVAC systems of any given facility.



REDUCE
PARTICLES



REDUCE
PATHOGENS



NEUTRALIZE
ODORS



SAVE
ENERGY



SAVE
TIME

COVID-19 and its variants may become endemic, like Influenza, and never fully go away. So, we focus on improved IAQ for safe and efficient buildings.

Our manufacturing supply partners include U.S. and overseas companies, and we pride ourselves on providing the most applicable technology for each of our client accounts.



The following pages include specification highlights and pricing on the product verticals outlined below. Volume discounts are available on a case-by-case basis.

- **Portable Devices** – “Plug-in” for counters, tables, and floor applications
- **Wall Devices** - Upper Air w/out fans + Wall Mount with internal fans
- **Ceiling Devices** – Disinfection + Light
- **Ductless Systems** – PTACs, Mini-Split Systems, and Ceiling Cassettes
- **Ducted Systems** – Total property disinfection via HVAC Air Handlings Units/Ducts



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PRODUCT OFFERINGS

Portable



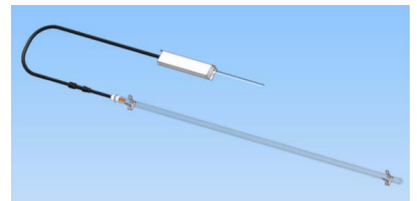
Wall



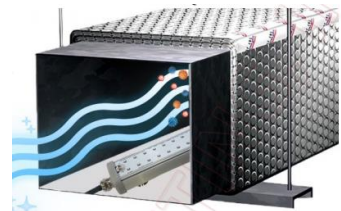
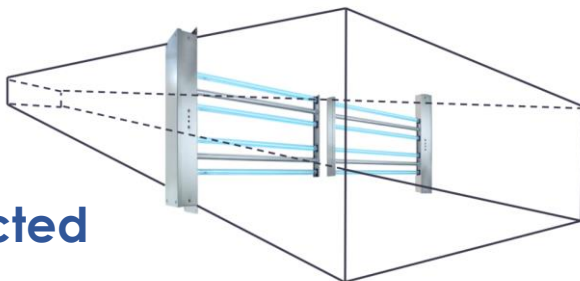
Ceiling



Ductless



Ducted





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PRODUCT OFFERINGS

Purge Virus works with domestic and overseas manufacturing partners that have met key production and performance standards. Each product line has different compliance certifications, which are often from one or more of the organizations below.

The Specification Sheets and support documentation include the applicable compliance by product. See:
www.PurgeVirus.com/Specifications



PROUDLY DESIGNED,
DEVELOPED AND
ENGINEERED IN THE USA.





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Portable Devices: PR Series

Core Technology: Ultraviolet (UVC) + Photocatalytic Oxidation and Convenient Remote Control and Wall Mounting Option
Coverage Area: Up to 1,060 sq ft at 8' ceiling
Size: 8.6" high, 10.6" wide, and 4.0" deep
Weight: 3.85 lbs
Efficacy: Eliminates over 99% of airborne contaminants

\$450



Ships with cord and plug for standard electrical outlets

Most common placement:
Counter, Table, or Wall

Four (4) Models sized to
ACH and coverage area

Air Changes per Hour (ACH)	Suggested Conditioned Area in sq ft (based on 8 ft ceilings)			
	PR05	PR10	PR20	PR30
0	115	300	477	1060
1	84	216	345	839
2	66	168	265	589
4	44	115	186	415
6	35	88	142	316
8	27	71	115	257



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Portable Devices: *Air and Surface Pro*

Core Technology: Ultraviolet (UVC) + Photocatalytic Oxidation + HEPA and Activated Carbon Filtration

Coverage Area: Up to 3,000 sq ft at 8' ceiling

Size: 11.75" high, 9.5" wide, and 10" deep

Weight: 7.6 lbs

Efficacy: Eliminates over 99% of airborne contaminants

Contact Us for Pricing



Ships with cord and plug for standard electrical outlets

Most common placement:
Counter or Table

Space Technology Hall of Fame



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Portable Devices: V-PACK

Core Technology: Ultraviolet (UVC) + Photocatalytic Oxidation + 0.3 Micron High Efficiency Filtration

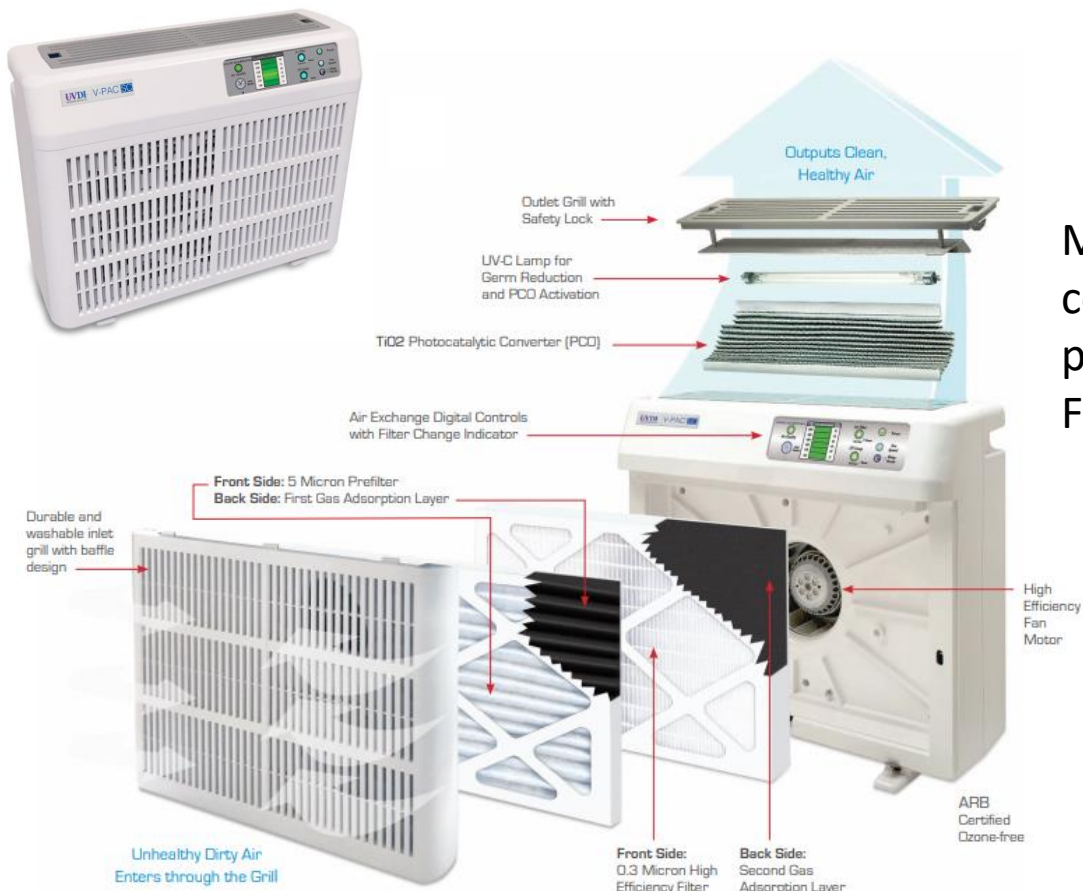
Coverage Area: Up to 1,000 sq ft at 8' ceiling

Size: 18.5" high, 21.5" wide, and 8" deep

Weight: 23 lbs

Efficacy: Eliminates over 99% of airborne contaminants

\$1,450



Most common placement:
Floor



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Portable Devices: Cylinder

Core Technology: Ultraviolet (UVC) + Photocatalytic Oxidation + HEPA and Activated Carbon Filtration

Coverage Area: Up to 1,600 sq ft at 8' ceiling

Size: 33.5" high and 12" diameter

Weight: 30.6 lbs

Efficacy: Eliminates over 99% of airborne contaminants

\$2,450



Most common placement: Floor

Color Choices:
White or Dark Gray

Variable Fan Speed Activation:
Convenient Hand wave across the top



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Wall Devices: UVC upper air disinfection

Core Technology: Ultraviolet (UVC) with louvers for passive disinfection and mounting min. 7' from finished floor

Coverage Area: Variable: 100, 200, and 300 sq ft

Size: See below

Weight: Variable based on model

Efficacy: Eliminates over 99% of airborne contaminants

\$950, \$1,030, and \$1,065

PV-AUV-TB-36-W: Wall Mounted UVC Disinfection Device

Coverage area: 300 sq ft
Wavelength: 253.7 nm
Width: 37.5"
Watts: 36w



Ships with cord and plug for standard electrical outlets and built-in holes on the back for easy wall mounting

PV-AUV-TB-12-W: Wall Mounted UVC Disinfection Device

Coverage area: up to 100 sq ft
Wavelength: 253.7 nm
Width: 18.5"
Watts: 12w



PV-AUV-TB-24-W: Wall Mounted UVC Disinfection Device

Coverage area: up to 200 sq ft
Wavelength: 253.7 nm
Width: 27.7"
Watts: 24w





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Wall Devices: LED UVC with internal fan

Core Technology: Ultraviolet (UVC) from light-emitting diode (LED) semiconductors

Coverage Area: Up to 1,000 sq ft

Size: 8"h, 24"w, 4"d or 17.25"h, 12.5"w, 4.5d

Weight: 6 lbs

Efficacy: Eliminates over 99% of airborne contaminants

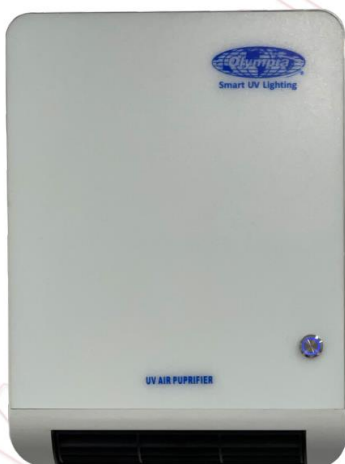
\$500 to \$895

Ships with cord and plug for standard electrical outlets and built-in holes on the back for easy wall mounting



Product	Size	Power	Flux	Price
UV LED Wall Unit 120V 70W UVC	L: 24" H: 8" D: 4"	70W ~400 ft ²	50W UV 350mW	\$500
UV LED Wall Unit 120V 100W UVC		100W ~650 ft ²	80W UV 500mW	\$765

• 120Vac ~50/60Hz • Rated Life 30KHrs. (L₇₀ B₅₀) at T_A 25°C • UVC 265nm •
• Airflow: 45 CFM • Noise Level: 47 dBA •



Product	Size	Power	Flux	Price
UV LED Wall Unit 120V 110W UVC	H: 17½" W: 12½" D: 4½"	110W ~800 ft ²	90W UV 650mW	\$795
UV LED Wall Unit 120V 150W UVC		150W ~1,000 ft ²	120W UV 900mW	\$895

• 120Vac ~50/60Hz • Rated Life 30KHrs. (L₇₀ B₅₀) at T_A 25°C • UVC 265nm •
• Airflow: 100 CFM • Noise Level: 47 dBA •



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Ceiling Devices: LED UVC with internal fan

Core Technology: Ultraviolet (UVC) from light-emitting diode (LED)

Semiconductors and added advantage of light

Coverage Area: Variable

Size: 2'x2' and 2'x4'

Weight: 10 lbs and 18 lbs

Efficacy: Eliminates over 99% of airborne contaminants

\$465, \$665, and \$725

Clean air
and
illumination



Product	Size	Power	Flux	Price
UVGI Lay-in LED Troffer 2x2ft 277V 80W UVC	24 x 24"	80W ~400 ft ²	300mW UVC 265nm	\$465
UVGI Lay-in LED Troffer 2x4ft 277V 90W UVC	24 x 48"	90W ~500 ft ²	350mW UVC 265nm	\$665
UVGI Lay-in LED Troffer 2x4ft 277V 100W UVC	24 x 48"	100W ~700 ft ²	450mW UVC 265nm	\$725



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Ductless Systems: UVC

Core Technology: Ultraviolet (UVC) for installation in PTACs, Mini-Splits, and Ceiling Cassettes

Coverage Area: Variable

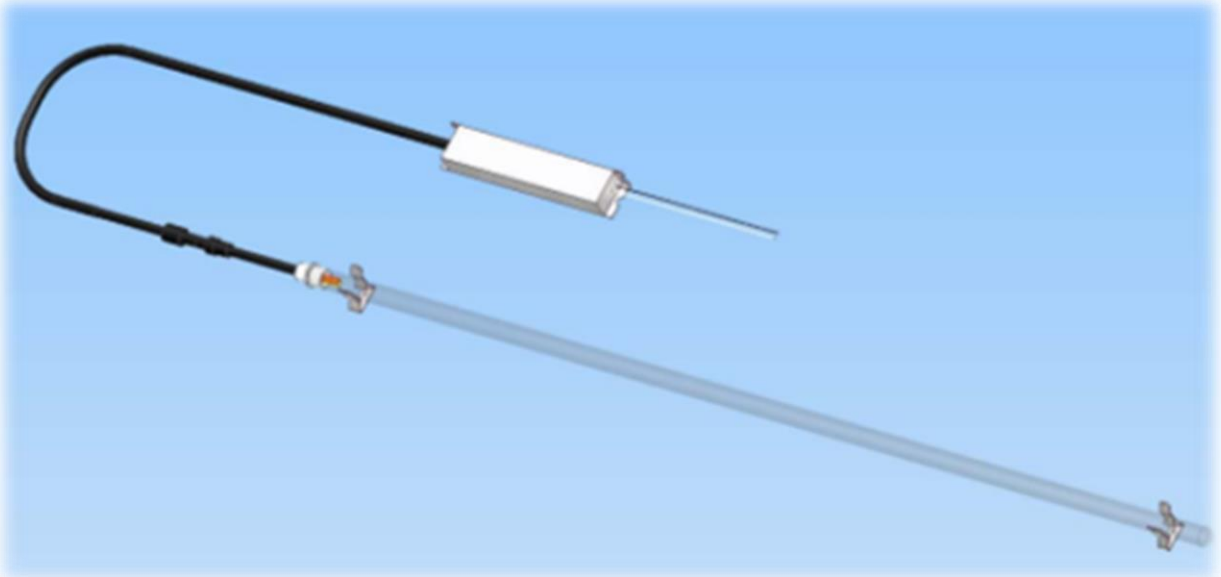
Size: See below

Weight: Variable based on model

Efficacy: Eliminates over 99% of airborne contaminants

\$320, \$340, \$365, \$395, and \$420

UVC Lamp length options: 16", 22", 34", 46", 58" with standard or shatterproof options for each size. The shortest one produces 128 $\mu\text{W}/\text{cm}^2$ of irradiation and the longest one produces 620 $\mu\text{W}/\text{cm}^2$ Electronic ballasts are available as 120, 230, or 277 VAC 50/60 Hz.





Core Technology: Ultraviolet (UVC) for installation in Air Handling Unit (AHU) plenums or ducts

Coverage Area: Variable to air flow

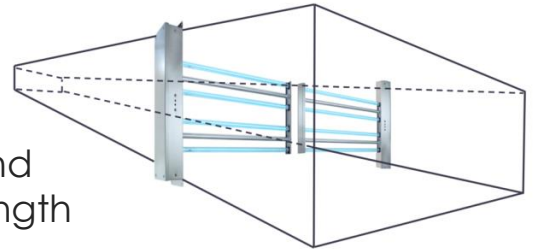
Size: Variable to AHUs/Ducts



Weight: Variable based on model

Efficacy: Eliminates over 99% of airborne contaminants

Cost: Variable – Avg. \$0.33 to \$0.50 / sq ft of coverage area

Irradiation “dosage” for single pass disinfection is based on time, intensity, and distance. So, for sizing, we need to know the cubic feet per minute (CFM) and the plenum or duct height, width, and length along the direction of the air flow.



NOTES:	1: PV-AUV-DC series fixtures are multi-voltage, multi-frequency (110-277V, 50/60Hz). For Ordering V options include 120 standard + 208/230 + 277. 208/230 is listed as example: PV-AUV-DC14-2-230		
	2: Fixture pricing includes fixture and lamps		
2 Lamp - PV-AUV-DC Series for varying duct widths			
	PV-AUV-DC14-2	Duct Clean fixture, 14", 2 high output UVC lamps	\$875.00
	PV-AUV-DC16-2	Duct Clean fixture, 16", 2 high output UVC lamps	\$895.00
	PV-AUV-DC24-2	Duct Clean fixture, 24", 2 high output UVC lamps	\$905.00
	PV-AUV-DC33-2	Duct Clean fixture, 33", 2 high output UVC lamps	\$950.00
	PV-AUV-DC45-2	Duct Clean fixture, 45", 2 high output UVC lamps	\$999.00
4 Lamp - PV-AUV-DC Series for varying duct widths			
	PV-AUV-DC14-4	Duct Clean fixture, 14", 4 high output UVC lamps	\$1,150.00
	PV-AUV-DC16-4	Duct Clean fixture, 16", 4 high output UVC lamps	\$1,175.00
	PV-AUV-DC24-4	Duct Clean fixture, 24", 4 high output UVC lamps	\$1,225.00
	PV-AUV-DC33-4	Duct Clean fixture, 33", 4 high output UVC lamps	\$1,275.00
	PV-AUV-DC45-4	Duct Clean fixture, 45", 4 high output UVC lamps	\$1,299.00



Core Technology: Ultraviolet (UVC) for installation in Air Handling Unit (AHU) plenums or ducts

Coverage Area: Variable to air flow

Size: Variable to AHUs/Ducts

Weight: Variable based on model

Efficacy: Eliminates over 99% of airborne contaminants

Cost: Variable – Avg. \$0.33 to \$0.50 / sq ft of coverage area



Product	Size	Power	Flux	Price
UVGI LED Strip 1ft 30W 277V/480Vac	2½ x 15"	30W	28µW/cm ² at 1M	\$520
UVGI LED Strip 2ft 60W 277V/480Vac	2½ x 18"	60W	38µW/cm ² at 1M	\$1,040
UVGI LED Strip 3ft 90W 277V/480Vac	2½ x 28"	90W	47µW/cm ² at 1M	\$1,560
UVGI LED Strip 4ft 120W 277V/480Vac	2½ x 42"	120W	57µW/cm ² at 1M	\$2,080



Optional Support Services:

- Disinfection equipment installation for ducted, ductless, wall mount and ceiling devices.
- Grant applications
- Zero upfront cost solutions

Cost: Variable

Purge Virus follows the CDC guidelines, and we start with ventilation as the “low hanging fruit”. Ventilation and Disinfection are complicated when it comes to aligning the right technology and correctly integrating **advanced filtration, air quality meters, energy recovery ventilators (ERVs) and economizers with Building Management Systems (BMS).**



A surprisingly small percentage of HVAC service providers have the depth of engineering and expertise to improve IAQ effectively and affordably. Purge Virus is pleased to work with leading HVAC companies to ensure proper and effective installations and energy savings wherever possible.

Let us help you **align the right technology to your building.** To schedule a complimentary assessment and learn more about our offerings, Contact Us: www.PurgeVirus.com/Contact