

## HyGenikx CV

### Fan-Assisted Dual Wave Lamp Models for ... Vehicle Solutions

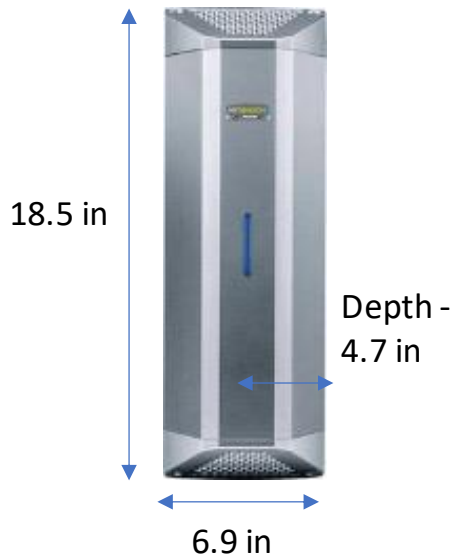
**HyGenikx CV** is an advanced and compact air and surface sanitizer system. Features & Benefits include ...

- Around the clock (24/7) infection control for employees, staff and all occupants of a vehicle
- Safe to use and safe for the environment
- Can be mounted on a wall or ceiling of a vehicle
- Unit combines three technologies: Germicidal Oxidation; Germicidal Irradiation; dual waveband Plasma Quatro
- Significantly improves hygiene standards to levels impossible to maintain with traditional cleaning methods alone
- Kills bacteria, viruses, molds, fungi and volatile organic compounds (VOC's), including the COVID 19 virus both in the air and on exposed surfaces, even in the hardest to reach places
- Kills various strains of viruses; COVID 19, Escherichia coli (E. coli), Staphylococcus aureus (S. aureus), Clostridium difficile (C. difficile), Aspergillus fumigatus, and other primary sources of infections
- Proven to deplete harmful Listeria monocytogenes and Listeria from surfaces to undetectable levels
- Eradicates unpleasant odors by tackling them at source
- Low power consumption – 12v or 24v options to ensure correct power supply for a vehicle
- Robust aluminum shell – is easy to keep clean – mounted on an anti-vibration plate
- Fan is shielded by a protective end-cap
- Models to suit various vehicle sizes – from approx. 105 sq. ft. to 430 sq. ft.



## Model Dimensions

Model #	Height	Width	Depth	Weight
All CV Models	470 mm	175 mm	120 mm	2.0 Kg
All CV Models	18.5 in.	6.9 in.	4.7 in.	4.4 lbs.



## Short-Form Specification

Shall be **Hygenikx CV** model: HGX- CV\_ \_ \_ \_ \_; Air and surface sanitizing system for destroying viruses, bacteria, VOC's, mold, and fungi and eradicate unpleasant odors. Wall or ceiling mounted; 12 / 24 volt / 18 watts; measuring 18.5" high x 6.9" wide x 4.7 " deep. Utilizes a combination of Germicidal Irradiation, PCO – Photo Catalytic Oxidation and Dual Waveband UV Technology for providing hygiene and safety protection for employees, staff and all vehicle occupants. Approved for installation in various vehicles, helping to reduce the transmission of infectious diseases. Single piece aluminium cover mounted on an anti-vibration plate.

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## Technical Data Fan Assist Dual Wave Vehicle Models

<b>Vehicle Models:</b>  HGX-CV - 15 HGX-CV - 25 HGX-CV - 35	<b>Vehicle Solutions Models:</b> This would consist of any vehicle environment where multiple individuals would be present, such as in a bus, emergency vehicle, etc.
<b>Region</b>	USA & Canada
<b>Air purifying technology</b>	Nano-titanium dioxide photocatalytic oxidation + UV-C
<b>UV-C lamp tube</b>	1 x 9 watt – PLL composite tube
<b>UV-C intensity inside chamber</b>	15000 $\mu\text{W}/\text{cm}^2$
<b>UV-C lamp tube life</b>	Approx. 8000 + hours
<b>Air residence time inside chamber</b>	> 0.5 seconds
<b>Number of photocatalytic baseplates</b>	4 pieces
<b>Noise level @ 1 metre</b>	<39dB (when alarm is sounding)
<b>Air flow rate</b>	705 ft <sup>3</sup> / hr / 20 m <sup>3</sup> /hr
<b>Installation</b>	Wall or ceiling mount
<b>Housing material</b>	Aluminum alloy – internal, polycarbonate front, ABS base with anti-vibration mounting plate
<b>Construction</b>	Anodized aluminium, solid extrusion
<b>UV-C lamp tube model</b>	1 X 9 watt – PLL composite tube
<b>Electrical Specifications</b>	
<b>Power Consumption</b>	18W – CVX12 / CVX24
<b>Voltage</b>	12V – CVX12, or 24V – CVX24
<b>Electrical Connection</b>	2 wire, positive & negative polarity specific connect
<b>Input protection</b>	Toggle switch, dead pole safety switch
<b>Dimensions &amp; Weight</b>	
<b>Dimensions</b>	18.5" (L) X 6.9" (W) X 4.7" (D) – (6.9 in. wide to edge of mounting plate)
<b>Weight</b>	4.41 Pounds / 2.0 Kg

### Please Note:

The unit should be wired into the battery / circuit via a battery guard to maximize the running time of the unit, so power is only disconnected when the battery begins to drain. Wiring directly into the ignition will not allow long enough operation time to be effective. It is essential the unit is installed so the power can be turned off prior to carrying out any maintenance work.

Environment	Area Covered Vehicle Size	Model Number	Color
All Occupied Vehicles	105 - 215 ft <sup>2</sup>	HGX-CV- 15	Brushed Aluminum Finish
	215 - 320 ft <sup>2</sup>	HGX-CV - 25	
	320 - 430 ft <sup>2</sup>	HGX-CV- 35	

Hygenikx Technologies reserves the right of design improvement or modification, as warranted without notice.



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