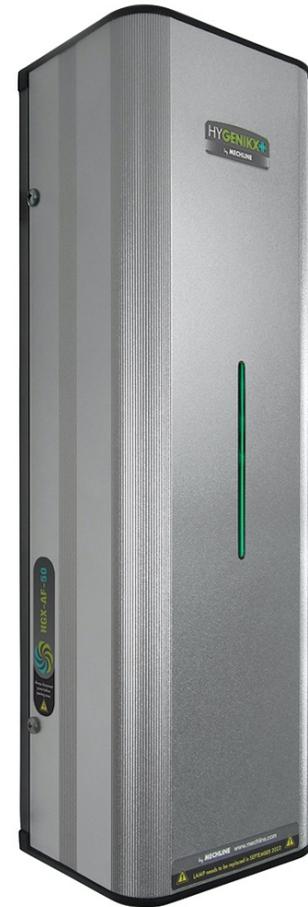


## HyGenikx AF

### Fan-Assisted Dual Wave Lamp Models for ... General Commercial Environment

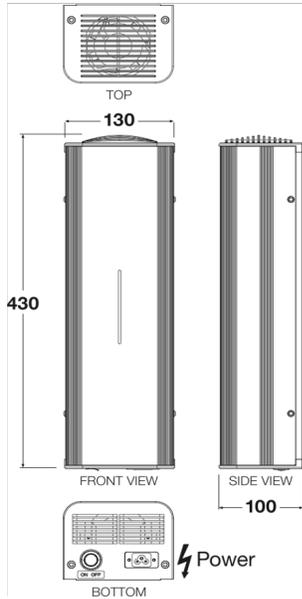
**HyGenikx AF** is an advanced and compact air and surface sanitizer system. Features & Benefits include ...

- Around the clock (24/7) infection control for customers, employees and staff
- Safe to use and safe for the environment
- Approved for installation in occupied work areas
- Can be placed on a table or shelf, or mounted on a wall or ceiling
- 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), both in the air and on exposed surfaces, even in the hardest to reach places
- Kills various strains of viruses; 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 innocua from surfaces to undetectable levels
- Eradicates unpleasant odors by tackling them at source
- Proven to reduce food spoilage and extend food shelf life
- Low power consumption – 120 volt / 33 Watts
- Robust aluminum shell – is easy to keep clean
- Fan is shielded by a protective end-cap
- Models to suit various room sizes – from 250 sq. ft. to 1,000 sq. ft.
- Supplied with cord and plug
- CE mark / SGS Certified



## Model Dimensions

Model #	Height	Width	Depth	Weight
All H-AF Models	430 mm	130 mm	100 mm	3.2 Kg
All H-AF Models	17.0 in.	5.1 in.	4.0 in.	7.05 lbs.



## Technical Data Fan Assist Dual Wave Models

<b>General Commercial Models:</b> HGX-AF25-NA HGX-AF50-NA HGX-AF75-NA HGX-AF100-NA	<b>General Commercial Environment Models:</b> The fan assisted models are specifically suited for use in larger occupied areas such as ... Front-of-house food service operations; Classrooms; Nursing homes & Retirement facilities; Hospital rooms; Doctors' offices; Veterinary clinics; School locker rooms; Retail & Leisure areas, etc. where air movements are minimal.
<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 18w 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 $\text{ft}^3/\text{hr}$ / 20 $\text{m}^3/\text{hr}$
<b>Installation</b>	Wall or ceiling mount, table or shelf
<b>Housing material</b>	Aluminum alloy – internal, polycarbonate front, ABS base
<b>Color</b>	Brushed Aluminum
<b>UV-C lamp tube model</b>	9.5 / 38 / 50 / 70 mg
<b>Electrical Specifications</b>	
<b>Power Consumption</b>	33W
<b>Voltage</b>	120V
<b>Frequency</b>	60Hz
<b>Input supply requirements</b>	Plug into a suitable isolated socket
<b>Cordset</b>	3 Core 18AWG polarity specific (L+N+E), 5 feet total length, UL E254458 NISPT-2
<b>Input protection</b>	Toggle switch, dead pole safety switch
<b>Dimensions &amp; Weight</b>	
<b>Dimensions</b>	17.0" (L) X 5.1" (W) X 4.0" (D)
<b>Weight</b>	7.05 Pounds / 3.2 Kg

## Short-Form Specification

Shall be **Hygenikx AF** model: HGX- AF\_\_\_\_\_ - NA; Air and surface sanitizing system for destroying viruses, bacteria, VOC's, mold, and fungi and eradicate unpleasant odors. Wall mounted; 120 volt / 33 watts; c/w cord and plug; measuring 17.0" high x 5.1" wide x 4.0 " deep. Utilizes a combination of Germicidal Irradiation, PCO – Photo Catalytic Oxidation and Dual Waveband UV Technology for providing hygiene and safety protection for customers and staff. Approved for installation in occupied areas, helping to reduce the transmission of infectious diseases. Proven to reduce food spoilage and extend food shelf life.

Environment	Area Covered $\text{ft}^2$ - Room Size	Model Number	Color
All Occupied Environments	Up to 250 $\text{ft}^2$	<b>HGX-AF25-NA</b>	Brushed Aluminum Finish
	250 $\text{ft}^2$ -- 500 $\text{ft}^2$	<b>HGX-AF50-NA</b>	
	500 $\text{ft}^2$ --750 $\text{ft}^2$	<b>HGX-AF75-NA</b>	
	750 $\text{ft}^2$ --1000 $\text{ft}^2$	<b>HGX-AF100-NA</b>	

May 2021

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



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