



The Energy Harness® Active-Airflow fixture is designed to eliminate airborne pathogens. It can be installed into standard commercial ceiling grids located in most office buildings, schools and medical facilities.

Verified through ETL Testing Labs and University studies, Energy Harness Active Airflow Technologies are proven to eliminate viral and bacterial pathogens. Providing our customers with a sense of safety and well-being while our fixtures remove harmful pathogens from their environment.

Features

- Unique design allows this unit to safely clean the air while people are present.
- UV-C germicidal irradiation works to eliminate current and future air-borne pathogens.
- Filters are easily changed or cleaned to increase longevity and efficiency.
- Precise UV-C wave lengths are used to cover germicidal vulnerability spectrum.

Applications

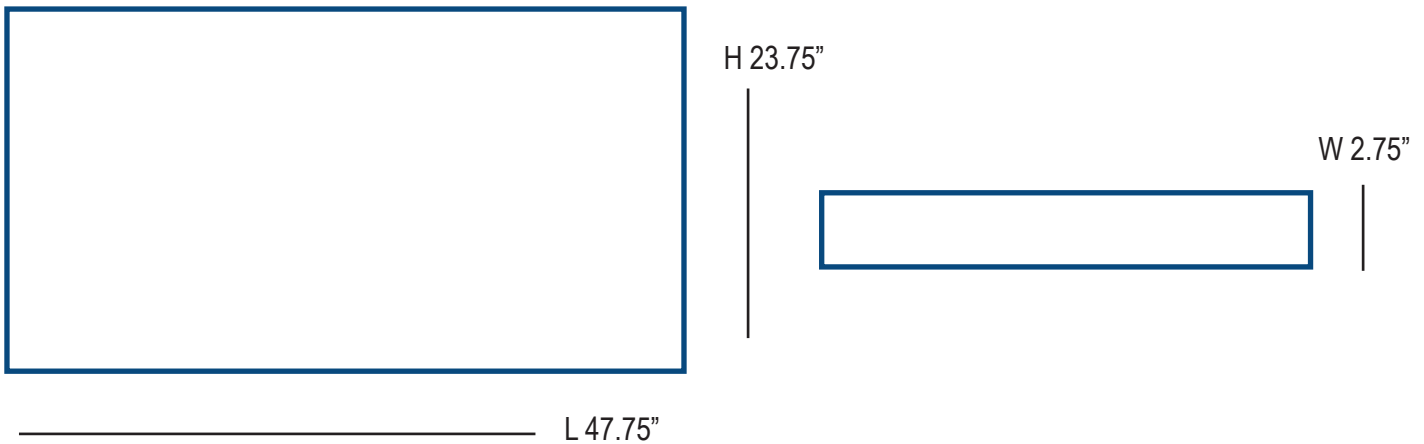
- Hospitals
- Offices
- Lobbies
- Grocery stores
- Retail locations
- Café's/ Coffee shops
- Restaurants
- Bars
- Hotels
- Elevators
- Schools
- Common areas



Specifications

- Input Voltage: 120-277VAC
- Max Wattage: 120W
- Amperage: 1.0Amp (120 VAC) | 0.43Amp (277VAC)
- Noise Level: 38-48 dB
- Germicidal Wavelength Center: 275nm
- UV-C Wavelength: 260nm - 280nm
- UV-C Dosage: 12-18mJ/cm²
- Fan Rating: 134 CFM
- Optimum Coverage per Fixture: 700sq/ft (900sq/ft max)
- Fixture Weight: 21 lbs

Dimensions



Accessories

- Ceiling Mounting Bracket
- Wireless On/Off Control
- Occupancy Sencor
- 277VAC Surge Protection (included)

Ultraviolet Dosage		90% Disinfection	99.9% Disinfection
MICROORGANISM	DISEASE	mJ/cm ²	mJ/cm ²
Cornynebacterium diphteriae	Diphtheria	3.4	10
Eberthella typhosa	Typhoid Fever	2.1	6.3
E. coli	Diarrhea	3	9
Legionella pneumophila	Legionnaires' disease	0.92	2.76
Micrococcus sphaeroides	Pneumonia	10	30
Neisseria catarrhalls	Sinusitis	4.4	13
Pseudomonas aeruginosa	Blood & Lung infections	5.5	16.5
S.typhimurium	Gastroenteritis	8	24
Serratia marcescens	Pneumonia	2.5	7.2
Shigella Paradysenteriae	Dysentery	1.7	5.2
Spirillum rubrum	Lyme Disease	4.4	13
Staphylococcus aureus	Skin Infections	4.9	14.8
Streptococcus hemolyticus	Scarlet Fever, Pneumonia	2.2	6.6
Streptococcus lactis	Endocarditis	6.1	18
Streptococcus viridans	Meningitis	2	6
Baccillus tuberculi	Tuberculosis	10	30
Poliovirus	Polio	3.2	9.6
Infectus Hepatitis	Hepatitis	5.8	17.4
Influenza	Flu	3.4	10.2

Log Reduction	% Reduction	Dosage Required mJ/cm ²
3-log reduction COVID family	SARS-CoV-2 virus family 99.9%	3.7
4-log reduction COVID family	SARS-CoV-2 virus family 99.99%	5
5-log reduction COVID family	SARS-CoV-2 virus family 99.999%	8
6-log reduction COVID family	SARS-CoV-2 virus family 99.9999%	12

Active Airflow UV-C Fixture	
Model	EHF-UVC-AA2x4-277
A/C Power	120V - 277VAC
Max Wattage	120 watts
Amperage	1.0Amp (120 VAC) 0.43Amp (277VAC)
Wavelength	260nm-280nm
UVC Dosage	12-18mJ/cm ²
Noise Level	38 - 48dB
Airflow	134 CFM
Fixture Dimensions (Lx Hx W)	47.75" x 23.75" x 2.75"

Project Name:
Project Number:
Fixture Schedule ID:
Model Name:

REPLACEMENT COMPONENTS:

UVC Maintenance Module	EHA-UVC-MODULE
Filter Module	EHA-UVC-FILTER