

Project Name:

Part #:

Type:

Active Airflow UV-C Fixture



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 contaminants
- Filters are easily changed or cleaned to increase longevity and efficiency of the fixture
- Precise UV-C wave lengths are used and span over the germicidal vulnerability spectrum



Applications

Hospitals | Schools | Common Areas | Offices | Lobbies | Restaurants | Retail Locations | Hotels | Grocery Stores | Cruise Ships

Ordering Guide

Active Airflow UV-C Fixture	
Model:	EHF-UVC-AA2X4-277
Input Voltage:	120-277VAC
Max Wattage:	120 Watts
Amperage:	1.0Amp (120VAC) 0.43Amp (277VAC)
Wavelength:	260nm-280nm
UVC Dosage:	12-18mJ/cm ²
Noise Level:	38-48dB
Airflow:	134 CFM
Fixture Dimensions (L x H x W):	47.75" x 23.75" x 2.75"
Replacement Components:	EHA-UVC-MODULE
	EHA-UVC-FILTER
Accessories:	SP = Surge Protection (Included)
	WC = Wireless On/Off Controls
	OS = Occupancy Sensor
	CMB = Ceiling Mount Bracket

Accessory Options



Surge Protection

Item Code: SP

Part #: EHA-SURGE-20kV-277V-Series

20kV 240-277V series wired surge protection, diagnostic light, can style

[INCLUDED]



Wireless On/Off Controls

Item Code: WC

Part #: EHW-EN-DIM-RELAY-277-D010

Wireless relay, communicates with kinetic rocker switch



SMART RELAY CONTROLS

EHW-EN-SWITCH-DOUBLE/SINGLE

Pair with EHW-EN-DIM-RELAY-277-D010



Ceiling Mounting Bracket

Item Code: CMB

Part #: EHA-UVC-CMB

Installation method to mount directly to non-grid ceilings



OCCUPANCY SENSOR

ITEM CODE: OS

PART #: EHA-LOD-509N-FB

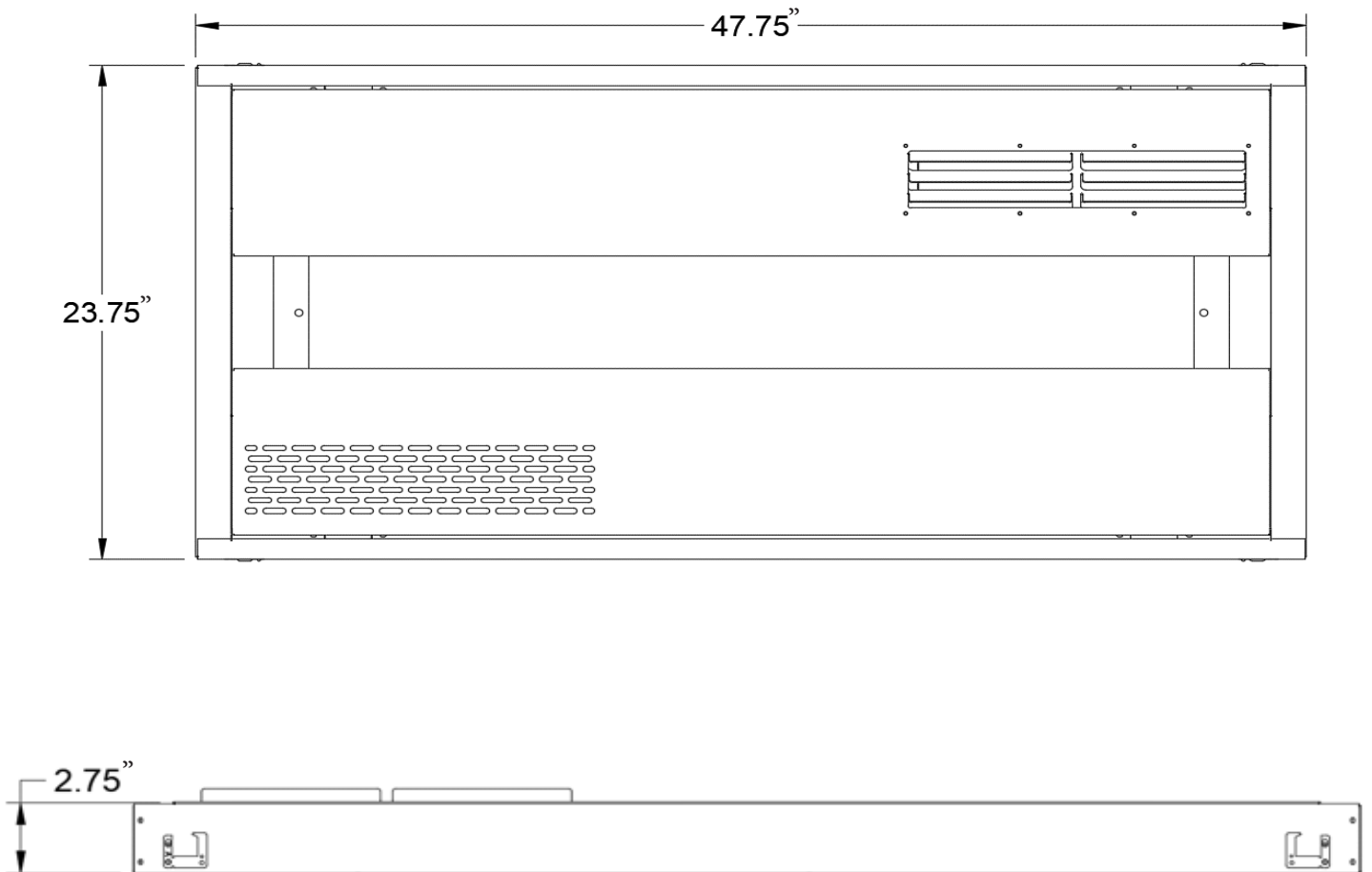
FIXTURE INTEGRATED PIR SENSOR



Specifications

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

Product Dimensions



Dosage Charts

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/
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

