

DATE:	PROJECT:
TYPE:	NOTES:
CATALOG #:	

## Plasma Air Disinfection 12" Universal Ceiling Mount System

### KEY FEATURES

- Green light indicator shows disinfection is on and working
- System can hold any standard 3.5/4" J-box compatible ceiling flush or semi-flush mount fixture
- Built in SilentAire Plasma Disinfection technology (Air Treatment)
- 99.9% kill rate for airborne viruses and bacteria\*
- Two working modes controlled by standard wall switch
  - Low fan speed disinfection with lighting on (if fixture is installed)
  - High fan speed disinfection with lighting off (if fixture is installed)
- Damp location rated
- Reusable dust filter to clean every 6 months, dependant on use

### SPECIFICATIONS

#### Construction

- Durable plastic housing
- Matte white finish
- Easy removable dust filters to rinse and clean with water every 6 months

#### Installation

- Quick installation into junction box
- Recommended 8ft mounting height
- System can hold any standard 3.5/4" J-box compatible ceiling flush or semi-flush mount fixture up to 22lbs

#### Electrical

- 50,000 hour lifetime for reduced maintenance
- Operates at 120-277V, 50/60Hz

#### Warranty

5-Year Standard Warranty. See terms at: [ETISSL.com/warranty/](https://www.ETISSL.com/warranty/)

KEY DATA	
System Voltage	120-277V
System Wattage	5W



- Green light indicator shows disinfection is working
- Shown with optional lights not included

### Certifications & Test Data

- Virus test by intertek against Influenza A Virus H1N1.
- Bacteria test by ILAC against Staphylococcus albus 8032.
- Removed 99.9% of the virus and bacteria from the air within 2 hours.



\*Tested on Staphylococcus albus 8032 with two fixtures in high speed mode for 2 hours in a 20m<sup>3</sup> (700 Cubic ft.) chamber. Removed 99.9% of Staphylococcus albus 8032 from the air. Tested on Influenza A Virus H1N1 with three fixtures in high speed mode for 2 hours in a 20m<sup>3</sup> (700 Cubic ft.) chamber. Removed 99.9% of Influenza A Virus H1N1 from the air. Not yet tested on SARS-CoV-2 (the virus that causes COVID-19). Not proven to kill SARS-CoV-2 or prevent the transmission of Covid-19. No air treatment device can guarantee the prevention of virus transmission. We recommend following CDC guidelines.

Meets California ozone emissions limit: CARB certified

CARB EO# G-22-193



FEI# 3013851416

# SAFM-PL Series Plasma Air Disinfection 12" Universal Ceiling Mount System

## CATALOG LOGIC (SAFM-UCM-R12-PL-MV-WH)

<b>SAFM</b>	<b>UCM</b>	<b>R12</b>	<b>PL</b>	<b>MV</b>	<b>WH</b>
Series	Install	Size	Tech	Voltage	Color
<b>SAFM</b> SilentAire Flush Mount	<b>UCM</b> Universal Ceiling Mount	<b>R12</b> Round 12" Dia	<b>PL</b> Plasma Technology	<b>MV</b> Multi-Volt 120-277V	<b>WH</b> White

Notes:

1. This product is not configurable, only designated 'Stock' SKUs are available.
2. Stock SKUs typically ship in 24-48 hours upon receipt of an approved released order.

## STOCK ORDERING INFORMATION (typical 2-3 day shipment lead time)<sup>1</sup>

Catalog Logic (Model#)	Size (Dia)	Case QTY	System Wattage	Max Hold Weight	Rated Life	Voltage	ETL
SAFM-UCM-R12-PL-MV-WH (559051000)	12"	2	5W	22 lbs	50,000 hrs	120-277V	ETL UL Damp

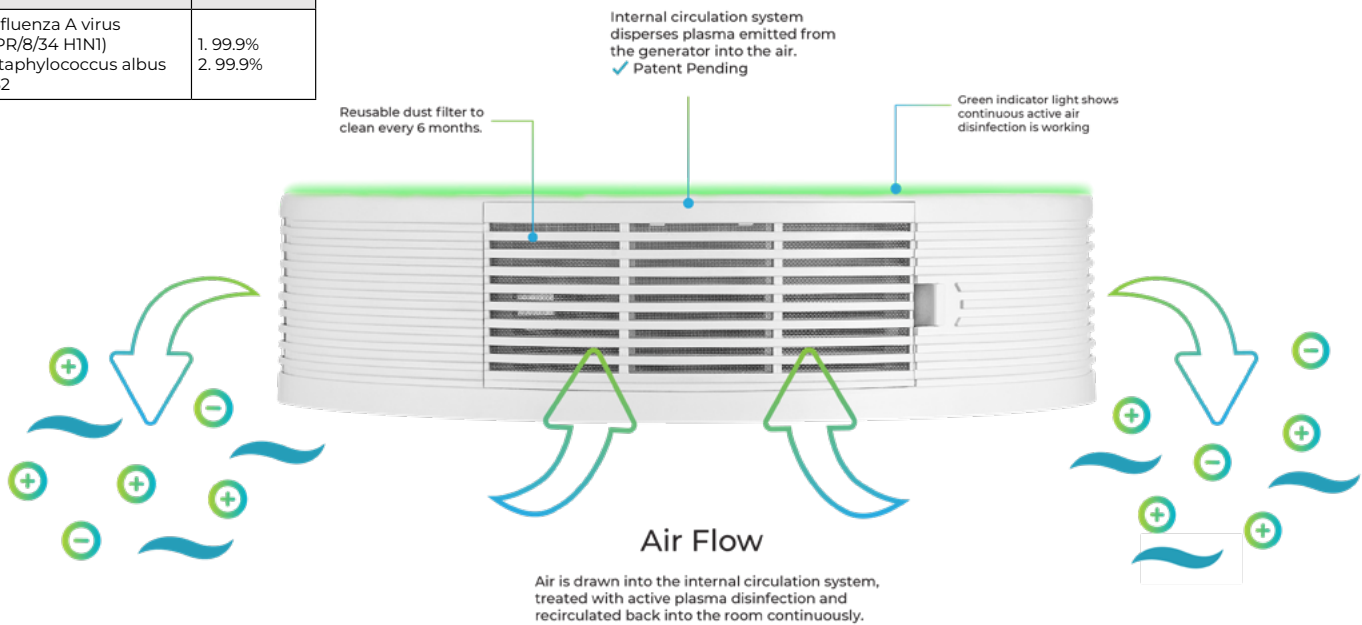
Notes:

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## POWERED BY PLASMA

Plasma is created in the internal patent pending plasma generator inside of the light fixture. Airborne particles are charged by the ions released by the plasma generator, causing them to cluster, be drawn to the plasma and destroyed. The ionized air that contains positively and negatively charged molecules kills 99.9% of airborne viruses and bacteria\*.

*Test Content	Test Results
1. Influenza A virus (A/PR/8/34 H1N1)	1. 99.9%
2. Staphylococcus albus 8032	2. 99.9%



## TWO WORKING MODES

Working modes controlled by standard wall switch.  
Flip wall switch On/Off/On within 3 seconds to change mode.

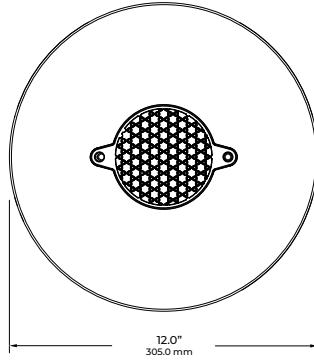
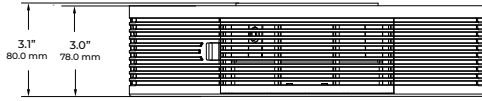
Low Fan Speed Disinfection + Lighting On  
(if fixture is installed)



High Fan Speed Disinfection + Lighting Off  
(if fixture is installed)



**DIMENSIONS / DETAILS**



Typical lighting installation

**Unit Weight**

3.04 lbs

**Package Weight (1 unit)**

3.70 lbs

**Carton Weight (2 units)**

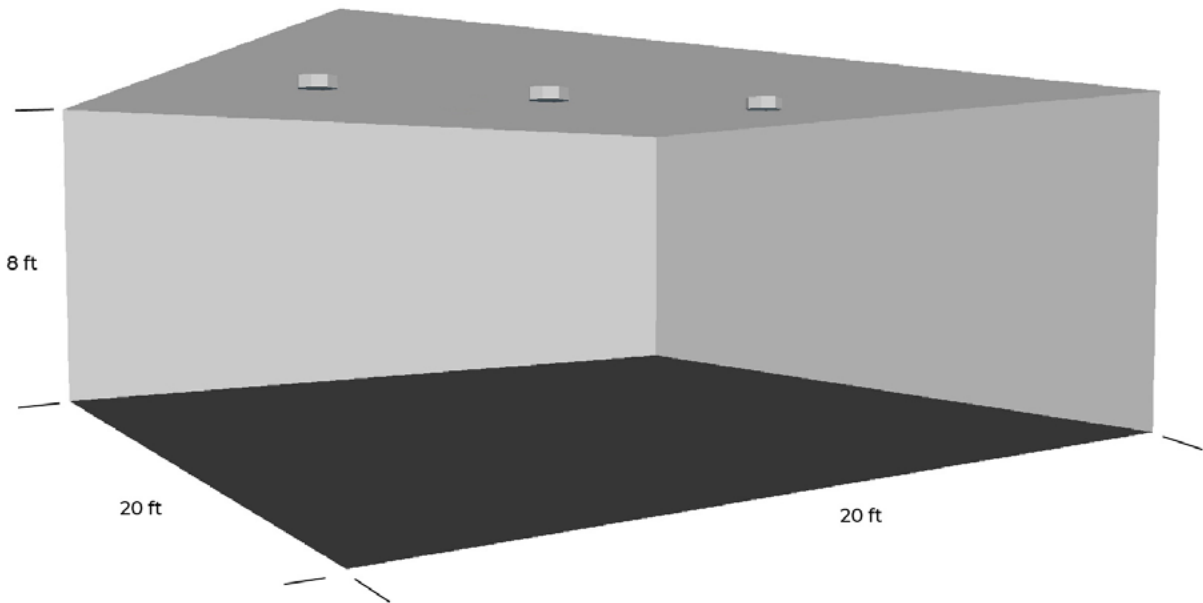
8.80 lbs

**Load Information**

<b>Frequency</b>	50/60 Hz
<b>dB</b>	30
<b>CFM</b>	18
<b>Low Temp Start / Max Temp</b>	-20° C (-4° F) / 45° C (113° F)

**RECOMMENDED APPLICATION GUIDE / ROOM SIZE**

Room recommendation of **3** fixtures per 400sqft or roughly 20'x20' space at an 8' mounting height.



<b>Recommended Disinfection Guide (per fixture)</b>	
Coverage - ft <sup>3</sup>	1,080 cuft
Coverage - ft <sup>2</sup>	135 sqft
Mounting Height	8 ft

Square Feet to Cubic Feet

