



PRODUCT BROCHURE

Ultraviolet (UV-C) Disinfection Lighting Systems

Using state-of-the-art ultraviolet sterilisation technology,
99.99% of bacteria and germs are eliminated in the process



About Us

We specialise in a wide range of commercial use ultraviolet (UV-C) sterilisers and ultraviolet (UV-C) disinfection lighting systems

We are dedicated in bringing high-quality, value-added products to the region to improve hygiene, safety and convenience in daily lives



**Committed to keeping
children, adults
and the elderly
safe and healthy in the
community, schools,
public spaces and
high-traffic areas**



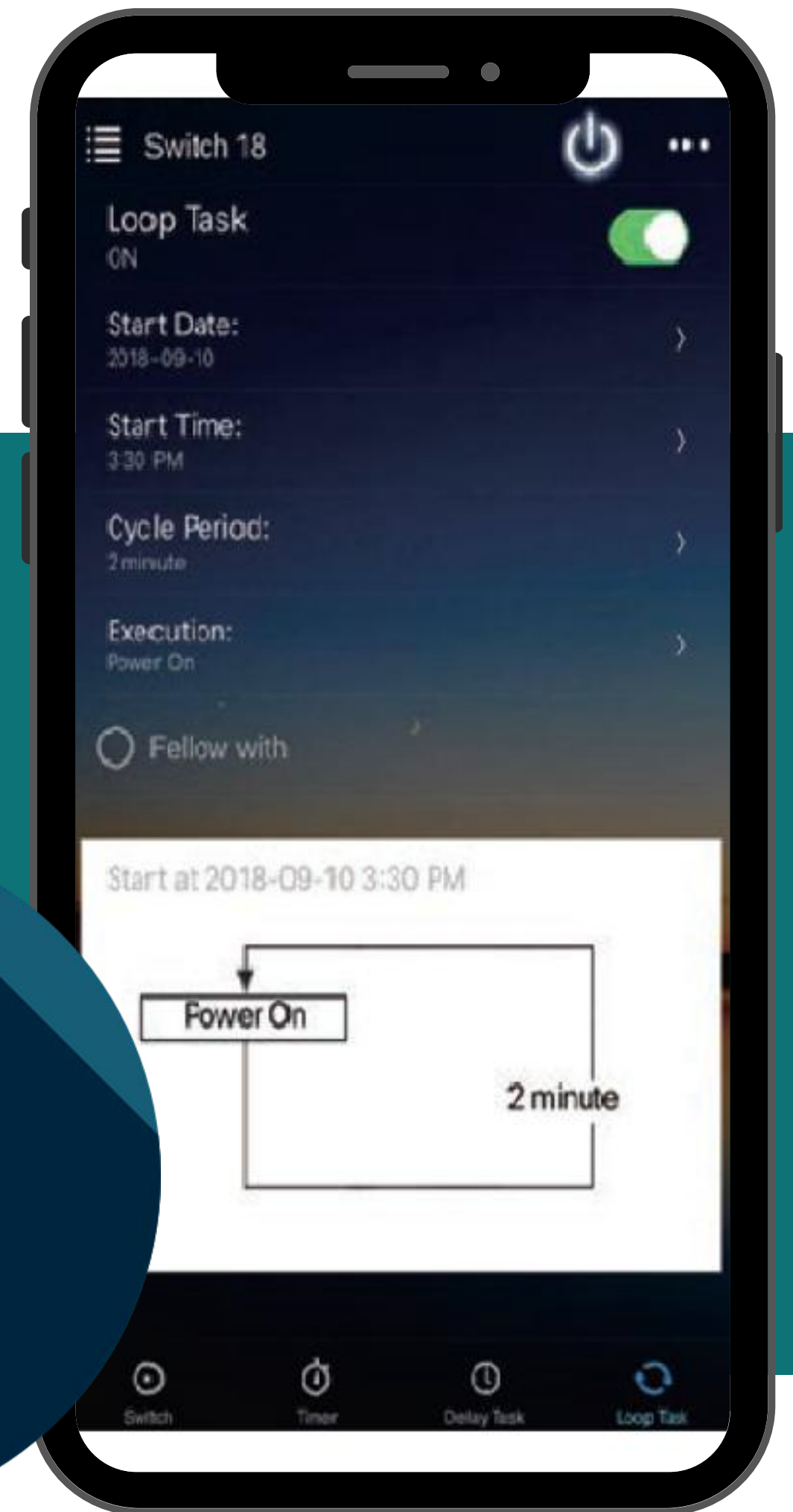
Product Features



- **Top Product Quality** Guaranteed
- **Local on-site** Technical Support
- **User-friendly** Phone App / Remote Controller
- **Safety sensors** in place
- Meet **ALL** of NEA's safety requirements

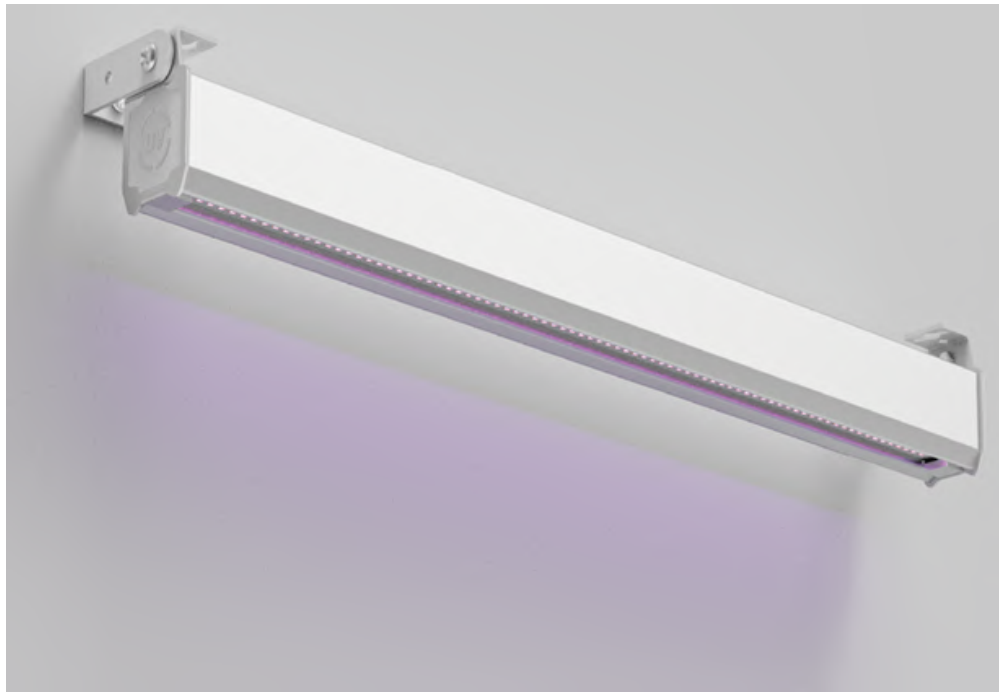
User-Friendly Control

- Phone App - Easy to download & use
- Remote Controller



Types of Installation

Our team of highly-trained qualified professionals has the technical capabilities and expertise and will do an on-site inspection visit to recommend the type of installation for the ultraviolet (UV-C) disinfection lighting systems most suited for your needs



**Wall
Installation
(Recessed)**



**Suspension
Installation**



**Ceiling
Installation**

Applications for ultraviolet (UV-C) disinfection lighting systems installation



Eldercare Centers



**Offices /
Meeting Rooms**



Fitness Gyms



**Preschools /
Kindergartens**



**Shopping Malls /
Retail Stores**



Hospitals



**Food Manufacturing
Plants**



Hotels

Applications for ultraviolet (UV-C) disinfection lighting systems installation



Libraries



**Cleanrooms /
Laboratories**



Airports



**Eateries /
Restaurants**



**Supermarkets /
Convenience Stores**



Banks



**Food Preparation
Sites**



Corridors

Product Overview



**Air
Disinfection**



**Surface
Disinfection**



**HVAC
Disinfection**



Air Disinfection

◆ UV-C LED

- LED AR001
 - LED AR002
-

◆ UV-C Tube

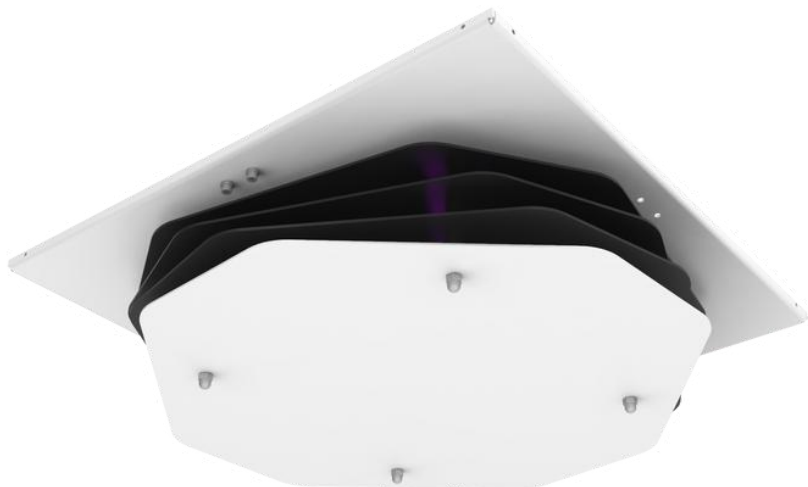
- TB AR001
- TB AR002

UV-C Air Disinfection - LED AR001

Product



LED AR001-300
(Small)

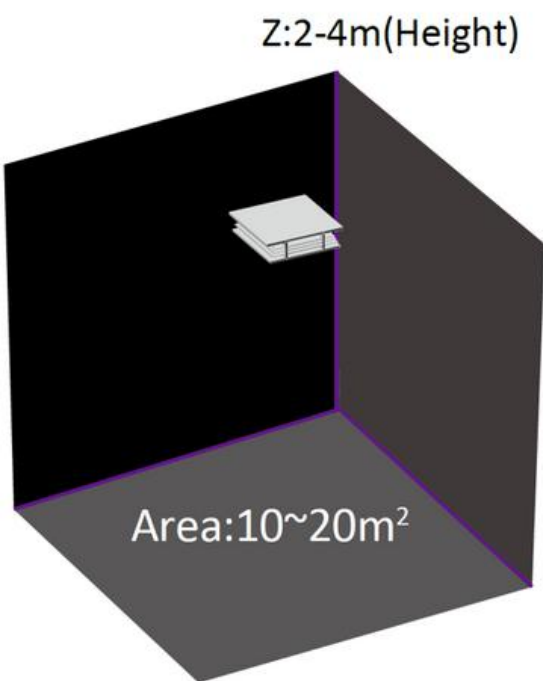
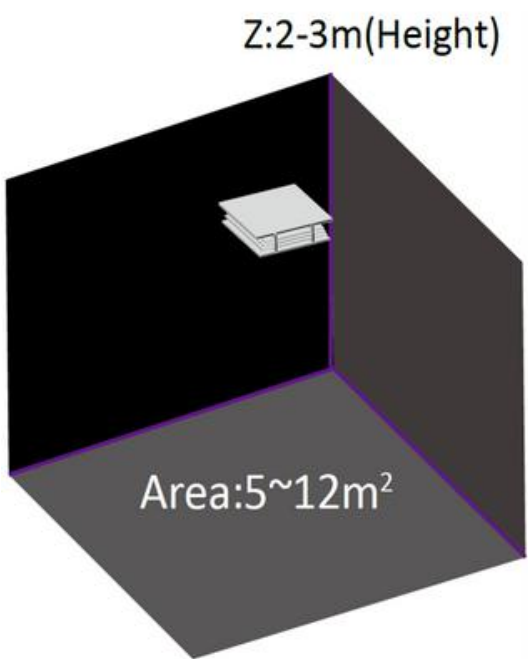


LED AR001-600
(Large)

Specifications

Model Name	LED AR001-300 (Small)	LED AR001-600 (Large)
Voltage	AC 100-277V, 50/60Hz	
Air Circulation System	X	
Optimal Temperature Range	-20°C ~ 40°C	
Dimensions (L x W x H) – cm	30 x 30 x 11	60 x 60 x 15.4
Lifetime Hours	~10,000 Hours	
Area Reach	5 – 12 m ² (Height: 2 – 3 m)	10 – 20 m ² (Height: 2 – 4 m)

Disinfection Space Recommendation



Main Features



99.99% bacteria and germs effectively eliminated



100% Safe, Ozone free and Chemical free - Safe for children and adults



Continuous air sterilisation and purification in presence of people



Variety of installation methods - Suitable for different places

UV-C Air Disinfection - LED AR002

Product



LED AR002-300
(Small)

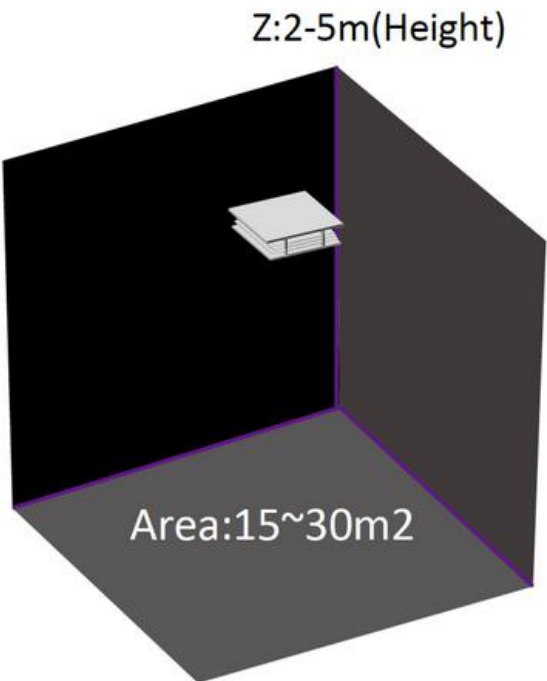
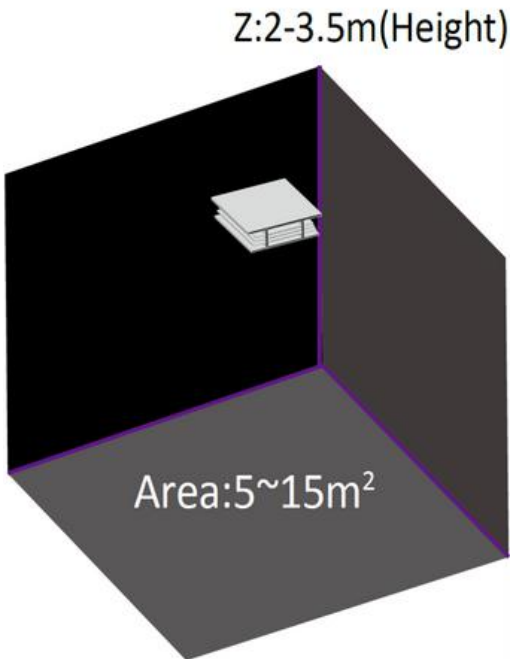


LED AR002-600
(Large)

Specifications

Model Name	LED AR002-300 (Small)	LED AR002-600 (Large)
Voltage	AC 100-277V, 50/60Hz	
Air Circulation System	O	
Optimal Temperature Range	-20°C ~ 40°C	
Dimensions (L x W x H) – cm	30 x 30 x 14.7	60 x 60 x 17.3
Lifetime Hours	~10,000 Hours	
Area Reach	5 – 15 m ² (Height: 2 – 3.5 m)	15 – 30 m ² (Height: 2 – 5 m)

Disinfection Space Recommendation



Main Features



99.99% bacteria and germs effectively eliminated



100% Safe, Ozone free and Chemical free - Safe for children and adults



Continuous air sterilisation and purification in presence of people



Air circulation system to accelerate sterilisation

UV-C Air Disinfection - TB AR001

Product



TB AR001-300
(Small)

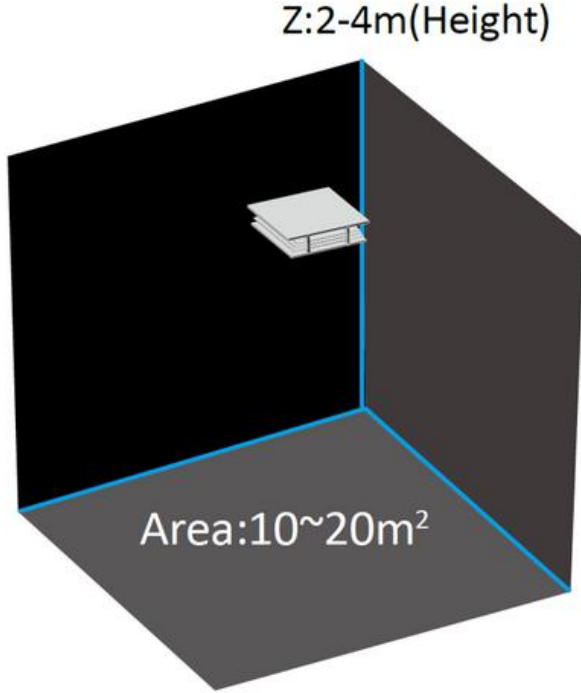
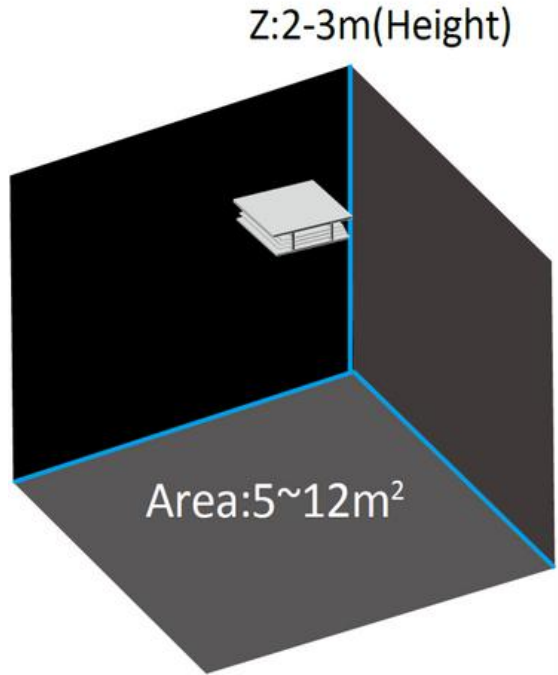


TB AR001-600
(Large)

Specifications

Model Name	TB AR001-300 (Small)	TB AR001-600 (Large)
Voltage	AC 100-120V or 200-240V, 50/60Hz	
Air Circulation System	X	
Optimal Temperature Range	-10°C ~ 40°C	
Dimensions (L x W x H) – cm	30 x 30 x 11	60 x 60 x 15.4
Lifetime Hours	~10,000 Hours	
Area Reach	5 – 12 m ² (Height: 2 – 3 m)	10 – 20 m ² (Height: 2 – 4 m)

Disinfection Space Recommendation



Main Features



99.99% bacteria and germs effectively eliminated



100% Safe, Ozone free and Chemical free - Safe for children and adults



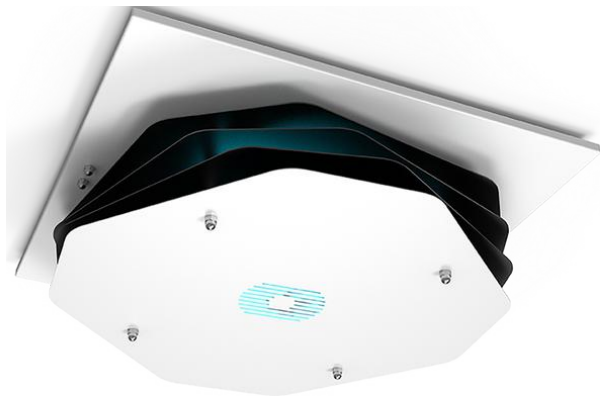
Continuous air sterilisation and purification in presence of people



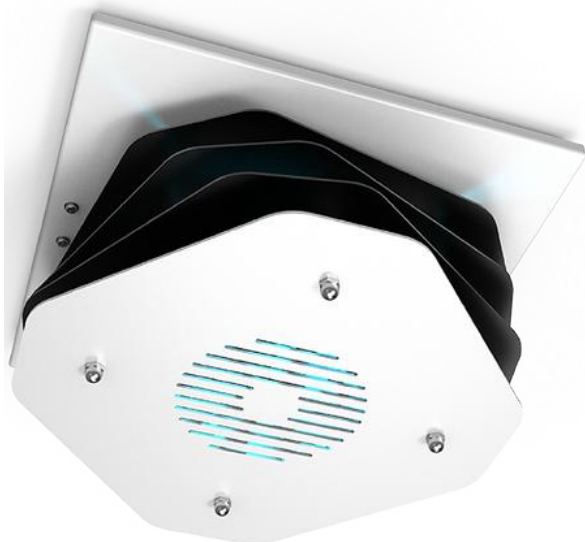
Variety of installation methods - Suitable for different places

UV-C Air Disinfection - TB AR002

Product



TB AR002-300
(Small)

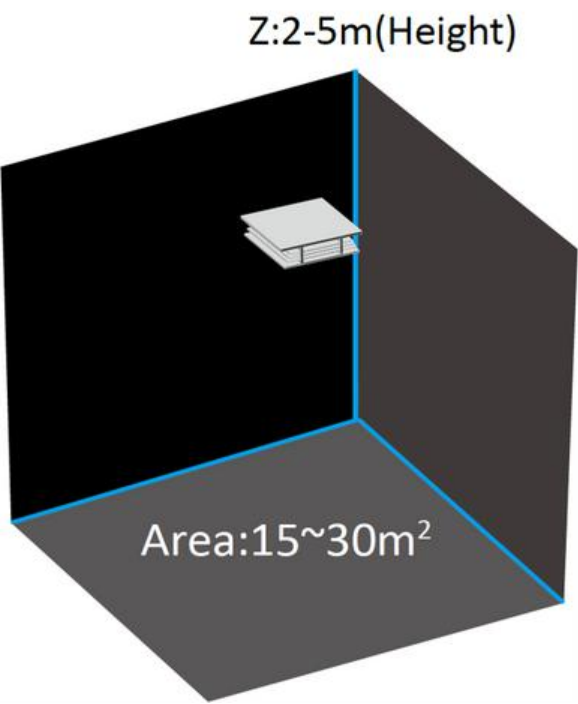
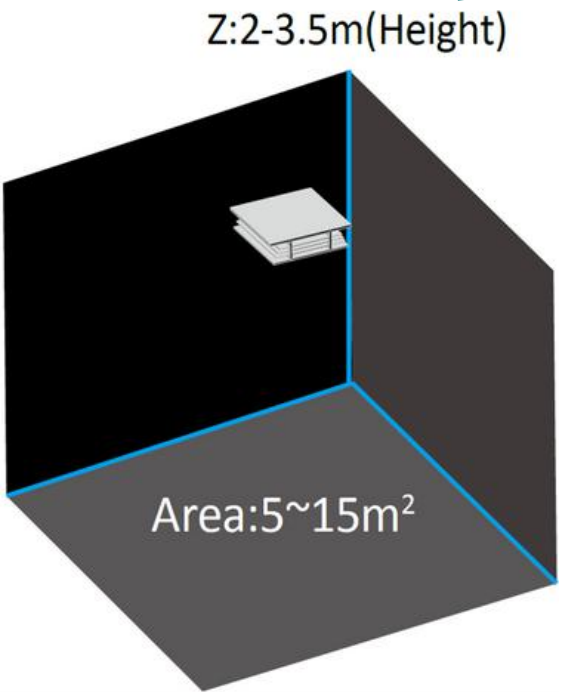


TB AR002-600
(Large)

Specifications

Model Name	TB AR002-300 (Small)	TB AR002-600 (Large)
Voltage	AC 100-120V or 200-240V, 50/60Hz	
Air Circulation System	O	
Optimal Temperature Range	-10°C ~ 40°C	
Dimensions (L x W x H) – cm	30 x 30 x 14.7	60 x 60 x 17.3
Lifetime Hours	~10,000 Hours	
Area Reach	5 – 15 m ² (Height: 2 – 3.5 m)	15 – 30 m ² (Height: 2 – 5 m)

Disinfection Space Recommendation



Main Features



99.99% bacteria and germs effectively eliminated



100% Safe, Ozone free and Chemical free - Safe for children and adults



Continuous air sterilisation and purification in presence of people



Air circulation system to accelerate sterilisation



Surface Disinfection

◆ UV-C LED

- LED SF001
-

◆ UV-C

- SF002
- SFM002 (Mobile)
- SF003

Application uses for UV-C Surface Disinfection - LED SF001



Fitting Rooms



**Baby Care
Rooms**



Unmanned Stores



**Public
Toilets**



Smoking Rooms



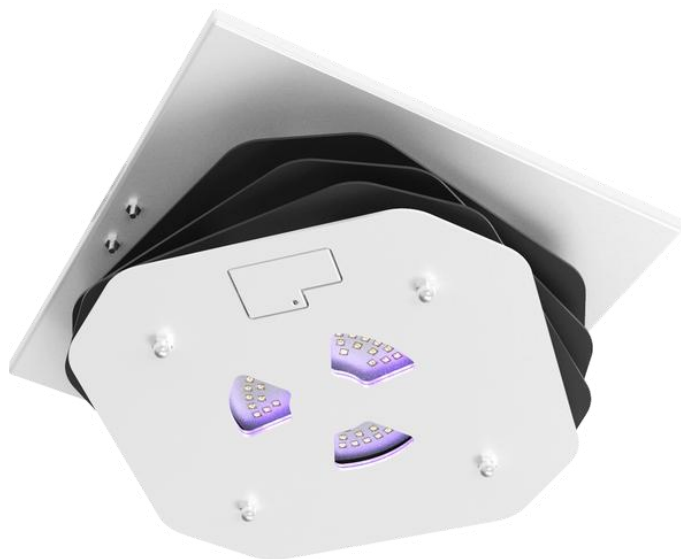
**Co-working Office
Booths**



Elevators

UV-C Surface Disinfection - LED SF001

Product

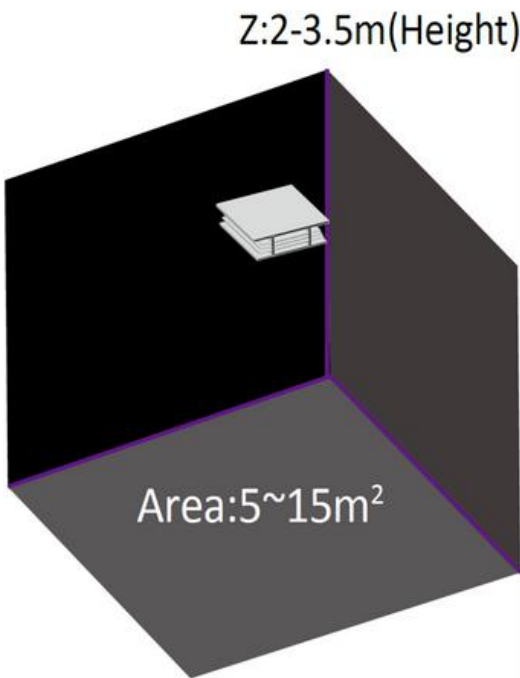


LED SF001

Specifications

Model Name	LED SF001
Voltage	AC 100-277V, 50/60Hz
Air Circulation System	0
Optimal Temperature Range	-20°C ~ 40°C
Dimensions (L x W x H) – cm	30 x 30 x 11.0
Lifetime Hours	~10,000 Hours
Area Reach	5 – 15 m ² (Height: 2 – 3.5 m)

Disinfection Space Recommendation



Main Features



99.99% bacteria and germs effectively eliminated



100% Safe, Ozone free and Chemical free - Safe for children and adults



Variety of installation methods - Suitable for different places



Safe and reliable to use - Automatic safety control device

Application uses for UV-C Surface Disinfection - SF002



Libraries



**Offices /
Meeting Rooms**



Hospitals



**Fitness
Gyms**



Classrooms



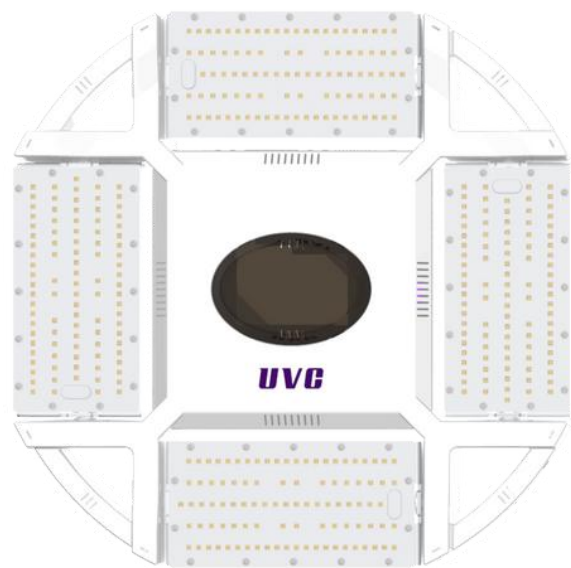
**Food Manufacturing
Plants**



Hotels

UV-C Surface Disinfection - SF002

Product



Specifications

Model Name	SF002
Voltage	AC 100-120V or 200-240V, 50/60Hz
Wattage	50W, 100W, 150W, 200W
Air Circulation System	0
Optimal Temperature Range	-40°C ~ 40°C
Dimensions (L x W x H) – cm	43 x 43 x 15.9
Lifetime Hours	~10,000 Hours
Area Reach	15 – 30 m² (Height: 2 – 5 m)

Main Features



99.99% bacteria and germs effectively eliminated



Overall Cost savings - Low operating and maintenance costs



Variety of installation methods - Suitable for different places



100% Safe, Ozone free and Chemical free - Safe for children and adults



Safe and reliable to use - Automatic safety control device



Convenient and easy to operate and maintain



Easy rotation - Module Rotatable 200° for wider reach



Corrosion-resistant, lightweight aluminum material

Application uses for UV-C Surface Disinfection (Mobile) - SFM002



Airports



**Offices /
Meeting Rooms**



Hospitals



**Shopping Malls /
Retail Stores**



Hotel Lobbies



**Cleanrooms /
Laborarties**



Supermarkets

UV-C Surface Disinfection (Mobile) - SFM002

Product



Specifications

Model Name	SFM002
Wattage	50W, 100W, 150W, 200W
Limiting Altitude	1.5m
Horizontal Rotation	X-360°C (Box)
Vertical Rotation	Y-180°C (Product)
Dimensions (L x W x H) – cm	50 x 30 x 103.0
Lifetime Hours	~10,000 Hours
Area Reach	~100 m ²

Main Features



99.99% bacteria and germs effectively eliminated



Alarm device to protect user from any harmful UV-C exposure



Safe and reliable to use - Automatic safety control device



Easy rotation - Module Rotatable 200° for wider reach



Overall Cost savings - Low operating and maintenance costs



100% Safe, Ozone free and Chemical free - Safe for children and adults



Convenient and easy to operate and maintain



Corrosion-resistant, lightweight aluminum material

Application uses for UV-C Surface Disinfection - SF003



Fitting Rooms



**Fitness
Gyms**



Unmanned Stores



**Schools /
Classrooms**



Door Handles



**Co-working Office
Booths**



Hospital Rooms

UV-C Surface Disinfection - SF003

Product



SF003-300
(Small)

SF003-600
(Large)

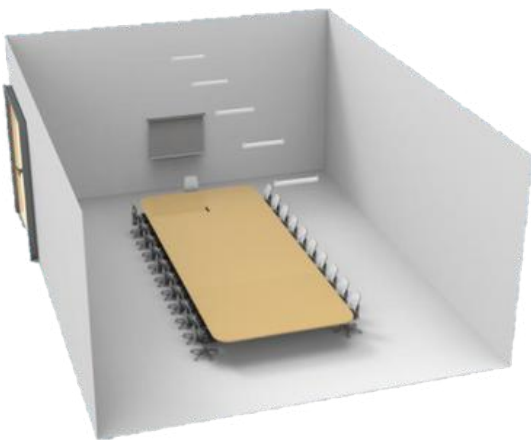
Specifications

Model Name	SF003-300 (Small)	SF003-600 (Large)
Voltage	AC 100-120V or 200-240V, 50/60Hz	
Wattage	20W	40W
Air Circulation System	X	
Optimal Temperature Range	-20°C ~ 40°C	
Dimensions (L x W x H) – cm	30.4 x 4.8 x 6.8	60.4 x 4.8 x 6.8
Lifetime Hours	~10,000 Hours	
Area Reach	5 – 15 m ² (Height: 2 – 3.5 m)	15 – 30 m ² (Height: 2 – 5 m)

Disinfection Space Recommendation



Space: ~10 m²
Quantity: 1-2pcs



Space: ~48 m²
Quantity: 5pcs



Space: ~90 m²
Quantity: 9pcs

Main Features



99.99% bacteria
and germs
effectively
eliminated



100% Mercury
free -
Extra Safe



Stronger,
lightweight
aluminum
material



Variety of
installation
methods -
Suitable for
different places



HVAC Disinfection



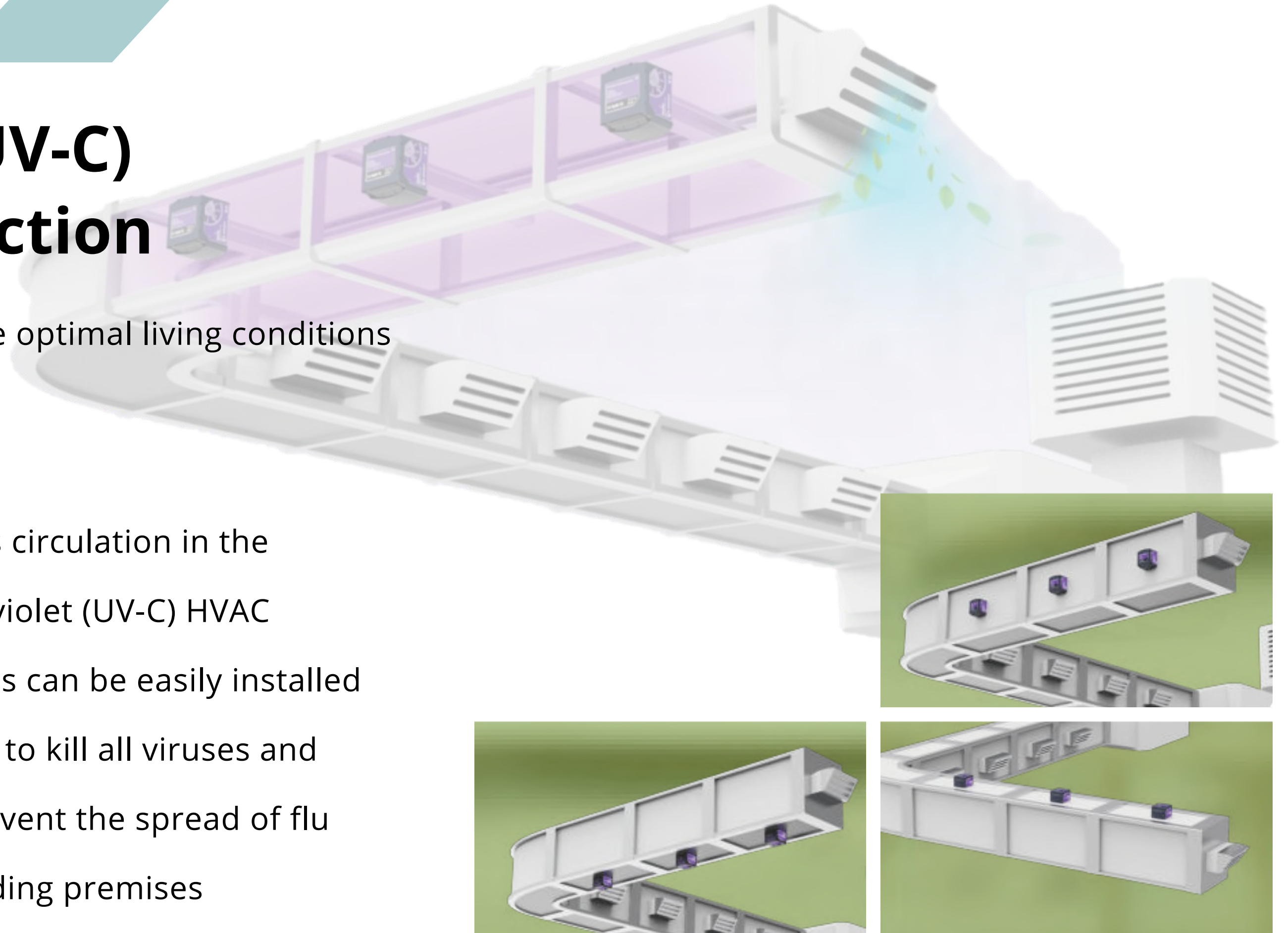
UV-C LED

- LED HVAC001

Ultraviolet (UV-C) HVAC Disinfection

Ventilation systems provide optimal living conditions
for micro-organisms

Due to easy germ and virus circulation in the
ventilation ducts, our ultraviolet (UV-C) HVAC
disinfection lighting systems can be easily installed
in any existing duct system to kill all viruses and
bacteria and effectively prevent the spread of flu
and viruses within the building premises



Application uses for UV-C HVAC Disinfection - LED HVAC001



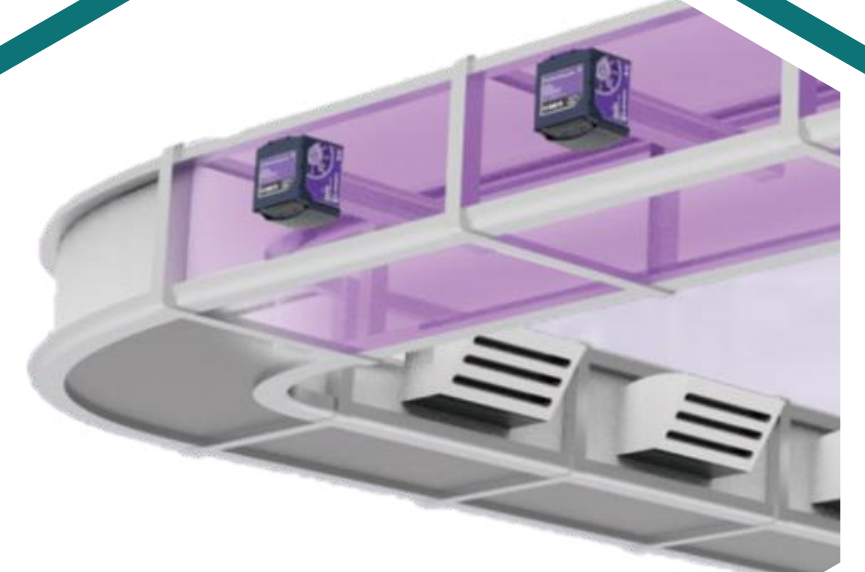
Airports



**Offices /
Meeting Rooms**



Hospitals



**Shopping Malls /
Retail Stores**



Hotels



**Eateries /
Restaurants**



Supermarkets

UV-C LED HVAC Disinfection - LED HVAC001

Product



HVAC001-300
(Small)



HVAC001-600
(Large)

Specifications

Model Name	LED HVAC001-300 (Small)	LED HVAC001-600 (Large)
Voltage	AC 110-120V or 220-240V, 50/60Hz	
Wattage	20W	40W
Air Circulation System	X	
Optimal Temperature Range	-20°C ~ 40°C	
Dimensions (L x W x H) – cm	37.5 x 10.9 x 10.4	67.5 x 10.9 x 10.4
Lifetime Hours	~10,000 Hours	

Main Features



99.99% bacteria and germs effectively eliminated



Variety of installation methods - Suitable for different places



100% Safe, Ozone free and Chemical free - Safe for children and adults



Continuous air sterilisation and purification in presence of people



Overall Cost savings - Low operating and maintenance costs



Easy to install - Flexible installation in heating and air-ducts



100% Mercury free - Extra Safe



Corrosion-resistant, lightweight aluminum material



Far UV-C 222 Disinfection

Far UV-C 222

- UV222-A
- UV222-B
- UV222-Circular
- UV222-Long

Far Ultraviolet (UV-C) 222 Disinfection

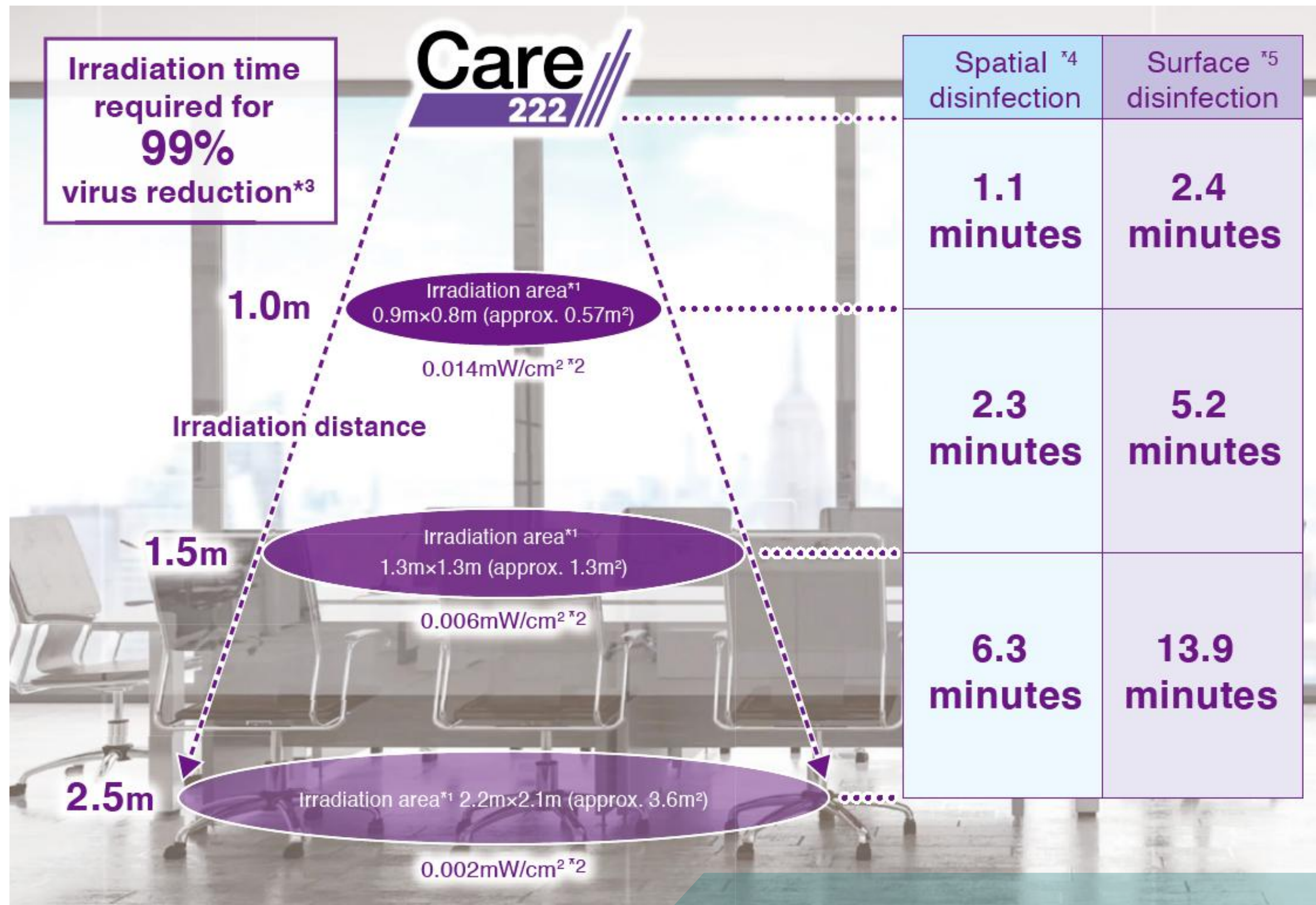
Ultraviolet light has a spectral range of 100 to 400 nanometers (nm), with germicidal wavelengths in the 100-280 nm range

Single-wavelength far UV-C light at 222nm generated by filtered excimer lamps is able to inactivate airborne viruses without inducing biological damage in exposed human cells and tissue

Filtered far UV-C technology can be **used even when in the presence of people**, allowing **continuous, safe and effective disinfection** of both air and environmental surfaces

Far Ultraviolet (UV-C) 222 Disinfection - Irradiation Area

- Area exposed to light where virus reduction and disinfection takes place

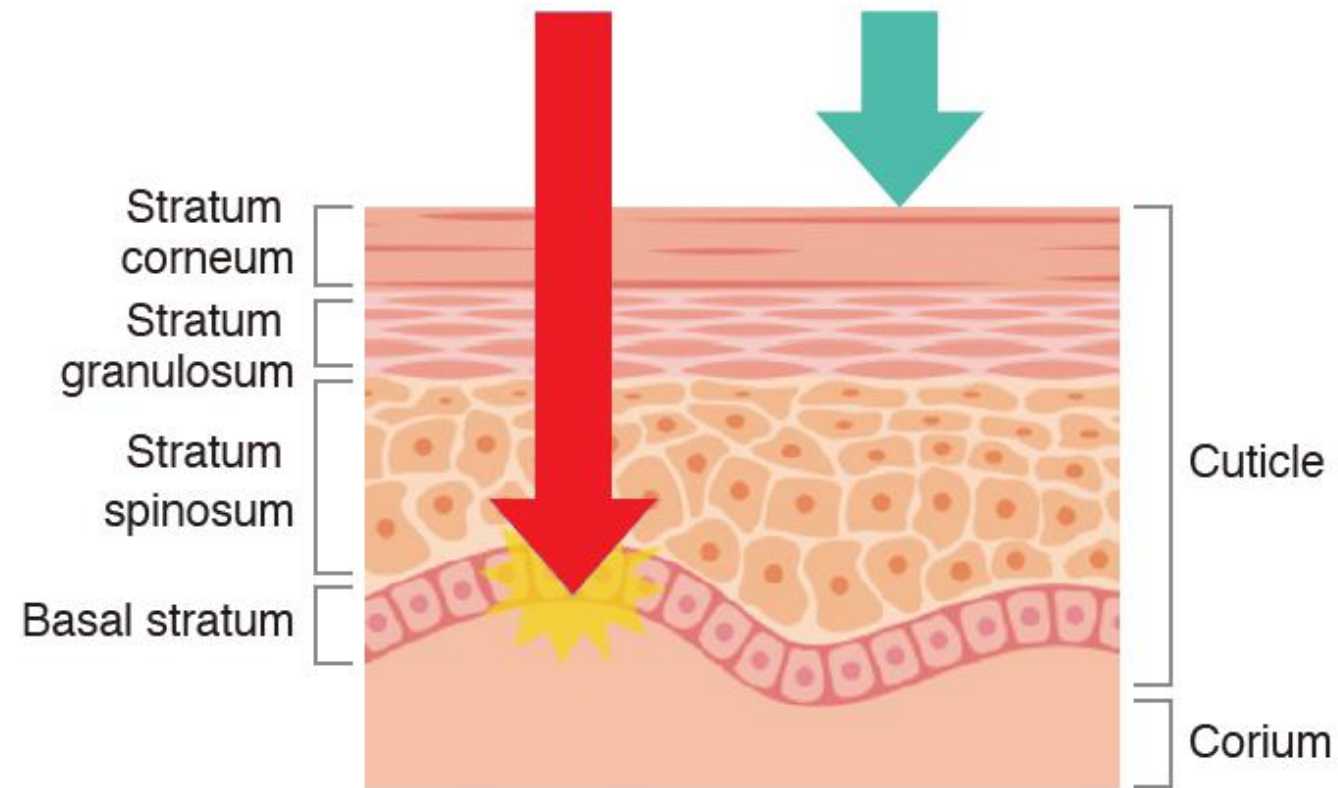



Far Ultraviolet (UV-C) 222 Disinfection - Effects

Effects of Far Ultraviolet (UV-C) 222 Light

- Effect on Skin:

Does not produce erythema
(ie. skin rash / lesions)

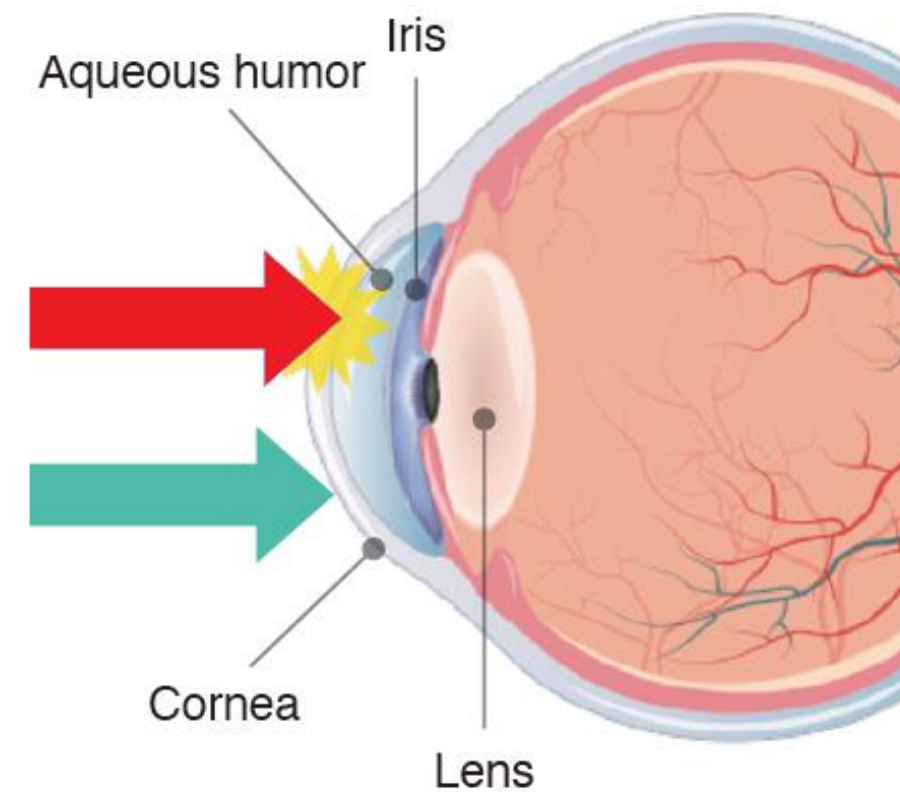


 Conventional 254nm Ultraviolet light

 Far Ultraviolet 222nm light

- Effect on Eyes:

Does not produce keratitis
(ie. inflammation or irritation of cornea)



Main Benefits of Far Ultraviolet (UV-C) 222 Disinfection Light



99.99% bacteria and germs effectively eliminated



Overall Cost savings - Low operating and maintenance costs



Continuous air and surface sterilisation in presence of people



Variety of installation methods - Suitable for different places



100% Safe, Ozone free and Chemical free - Safe for children and adults



Safe and reliable to use - Far UV-C 222 can be used safely in the presence of humans



Corrosion-resistant, lightweight aluminum material



100% Mercury free - Extra Safe



User-friendly - Convenient and easy to operate and maintain

Application uses for UV-C Disinfection - Far UV-C 222 Series



Public Transport



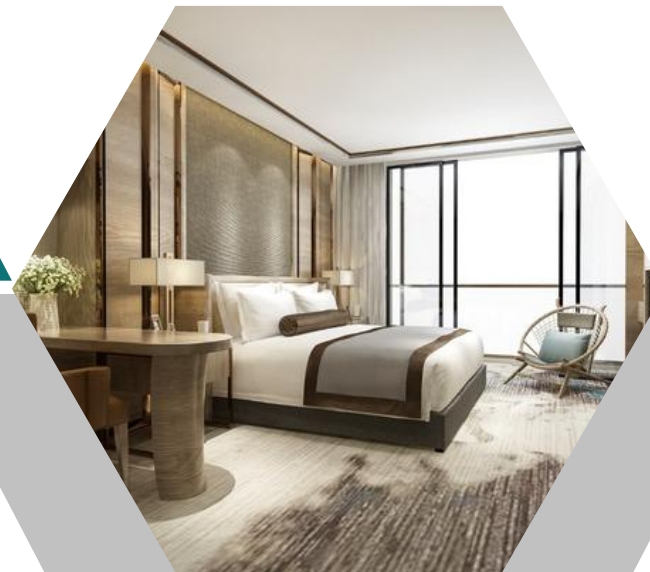
**Offices /
Meeting Rooms**



Hospitals



**Preschools /
Kindergartens**



Hotels



**Fitness Gyms /
Sports Centers**



Waiting Areas

Ultraviolet (UV-C) Disinfection - Far UV-C 222 Series

Product Specifications



Model Name	UV222-A	UV222-B	UV222-Circular	UV222-Long
Voltage	AC 100-120V or 200-240V, 50/60Hz	AC 100-120V or 200-240V, 50/60Hz	AC 100-120V or 200-240V, 50/60Hz	AC 100-120V or 200-240V, 50/60Hz
Wattage	15W	13W	25W	45W
Air Circulation System	X	X	X	X
Optimal Temperature Range	5°C ~ 40°C	5°C ~ 40°C	5°C ~ 40°C	5°C ~ 40°C
Dimensions (L x W x H) – cm	10.0 x 10.8 x 15.5	10.0 x 10.8 x 15.5	17.0 x 15.7	59.5 x 59.5 x 10.0
Lifetime Hours	~10,000 Hours	~10,000 Hours	~10,000 Hours	~10,000 Hours
Area Reach	15 – 25 m ² (Irradiation Angle: 64°)	25 – 35 m ² (Irradiation Angle: 108°)	10 – 20 m ² (Irradiation Angle: 64°)	15 – 25 m ² (Irradiation Angle: 64°)



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