

UVION PATHOGEN IONIZER

Wall Type; Atmospheric Plasma Pathogen Ionizer

Technical Specifications / Datasheet



AREAS OF USAGE

Hospitals, hospital corridors, infirmary and clinics, schools, classes, bank branches, offices, conference rooms, lobbies, restaurants, cafeterias and cafes, public transportation vehicles, dormitories-wards, food warehouses, isolation rooms, ... in short everywhere we live.

Pathogen Ionizer is used for all areas where sterilization and hygiene are needed. Especially, hospital rooms (laboratories, examination rooms, clinics, etc.), where there is a risk of contamination (such as military wards, classrooms, banks, offices, government offices, etc.), hygienic workshops, at home in patients with LOW IMMUNE SYSTEMS and hazardous materials, Ethylene Agents and any ambient where microorganisms are not desired.

MODEL	Uvion Pathogen Ionizer
TYPE	Wall Type Pathogen Ionizer Device With Atmospheric Plasma
CLASS	MODUL A - CLASS I
PHYSICAL AND TECHNICAL SPECIFICATIONS	
EXTERIOR DIMENSIONS (W-D-H) (mm)	630 x 150 x 325mm
DELIVERY PACKAGE SIZES (cm)	68 x 20 x 38cm
WEIGHT (kg)	10
WORKING MODE	Internal Loop Within the Ambient
TOTAL AIR CHANGE CAPACITY	≤ 210

(m3/h)	
EFFECTIVE AREA	Average Effective Field Capacity 90 m ³ Volume
BIO DECONTAMINATION	96% ≤ bio decontamination within the first hour
BIO DECONTAMINATION ACTIVITY	Unfiltered Resistant Long Ethylene Agents, All Types of Microorganisms, Virus, Influenza, RSV Pathogens, Mold, Mushroom, Pollen ... etc.
DEVICE CHASSIS	Stainless steel
SOUND VOLUME (1 m)	46/55 dB
AIR FLOW METHOD	Lateral Suction Blow Down (Turbulence Feature)
ELECTRICAL INFORMATION	220-230V AC 50-60 Hz, 165W
SAFETY CLASS	IP20 / EN 60601-1-2:2016
UVION MODULE	Atmospheric Plasma Negative Ion Generator
ION GENERATOR	TiO ₂ , AgI, CuS coated cylindrical borosilicate glass tube ion generator
ATMOSPHERIC PLASMA	HV (5000 V plasma) source
UV LAMP	1 piece 15W UVC 254 nm germicidal lamp / 1 piece 18 W 400-700 nm Lamp
CERTIFICATES	
ISO 9001	YES
ISO 13485	YES
EC CERTIFICATE	YES
FREE SALES DOCUMENT	YES
USABILITY TEST APPROVAL	YES
INSTALLATION PROPERTIES	
	Easy installation with 3-4 screws with plastic dowel bracket
MAINTENANCE PERIOD AND MAINTENANCE KIT	
UV LAMP (2 PCS)	1 time per year
UVION PATHOGEN IONIZER UNIT (1 SET) (1 SET)	1 time per year