



Safety Air - Diamond

Air Sterilization Device / Hava Sterilizasyon Cihazı

Datasheet / Teknik Özellikler



FIELDS of USAGE

For all areas requiring sterilization and hygiene, there is a high risk of contamination, especially in hospital room units (laboratories, surgeries, clinics, etc.); Hygienic workshops in crowded environments (military wards, classes, banks, offices, official offices, etc.), environments with low immune systems, ethylene-like substances and microorganisms.

Houses, shopping malls, subway and transport areas, universities and schools, business centers and offices, nurseries, elderly nursing homes, waiting rooms, cinema and theater, gyms, beauty and care centers, hotels and accommodation places, restaurants and food companies Suitable for use in entertainment centers and cafes, examination and hospitals, all factories and production sites.

MODEL	Safety Air – Diamond Air Sterilization Device
TYPE	Moving Type Mobile Atmospheric Plasma Pathogen Ionizer Hygienic Particle Reduction Device
CLASS	Modul A - Class I
PHYSICAL AND TECHNICAL FEATURES	
EXT. DIMENSIONS (W-L-H) (mm)	320 x 320 x 820
SHIPPACK SIZE (mm)	350 x 350 x 870
DEVICE WIGHT (kg)	22
WORKING MODE	Positive Loop (In-Environment - Inner Loop)
PROGRAMS	3 different modes
H13/H14 MAIN FILTER SIZE (mm)	240 x 240 x 150 mm

TOTAL AIR EXCHANGE CAPACITY (m ³ /h)	600 (1500m ³ /h capacity can be reached according to the models.)
EFFECTIVE AREA	It is suitable for use up to 350 m ³ volume (160 m ³ is recommended.).
PARTICULAR DECONTAMINATION	96% ≤ particulate decontamination at the level of 0.3 µm in the first hour
BIO DECONTAMINATION	96% od biodecontamination in the first hour
BIO DECONTAMINATION ACTIVITY	Long Filtration Resistant Long Ethylene Agents, All kinds of Microorganisms, Viruses, Influenza, RSV Pathogens, Mold, Fungus, ... etc
HEPA HOLDING RATIO	0.3 – 0.5 Mikrometre Partikül Boyutunda Filtrasyon Etkinliği
HEPA PERFORMANS	%99,998
DEVICE CHASSIS	Stainless steel
SOUND LOUNDRNESS (1 m Distance)	55 dB
AIR FLOW TYPE	Horizontal Loop Laminar Flow
AIR INTAKE TYPE	With Carbon Filter from under the device
ELECTRICAL FEATURES	220-230V _{RMS} 50-60 Hz, 800 W
PROTECTION CLASS	IP20 / EN 60601-1-2:2016
SCREEN	LCD Screen
SOFTWARE USED	PLC
MENU LANGUAGE	Turkish
ALARM WARNING	Error Conditions, Alarm Codes and Audible and Visual Warning
PASSWORD PROTECTION	User Password and Technical Service Password
AMBIENT AIR INTAKE FILTER	G4 Carbon Filter
UVION MODULE	Atmospheric Plasma Negative Ion Generator
ION GENERATOR	Cylindrical boroxylate glass tube ion generator coated with TiO ₂ , AgI, CuS
ATMOSPHERIC PLASMA	HV (5000 V plasma) supply
UV LAMB	4 Pieces 15W UV-C 254 nm
INSTALLATION FEATURE	
It can be placed in the desired area with the foot lockable system.	
CERTIFICATIONS	
ISO 9001	Yes
ISO 13485	Yes
CE CERTIFICATE	Yes
LOCAL GOODS CERTIFICATE	Yes
FREE SALES CERTIFICATE	Yes
AVAILABILITY TEST APPROVAL	Yes
TSE SERVICE CERTIFICATE	TS 12850 and TS 12426 Service Competence Certificate
CARE PERIOD AND CARE KIT	
MAIN FILTER HEPA 14 (1 PIECE)	It should be changed once in 6 months.
AIR G4 CARBON FILTER (1 PIECE)	It should be changed once in 6 months.
UV LAMB (4 PIECE)	It should be changed once in 1 year.
UVION PATHOGEN IONIZER UNIT (1 SET)	It should be changed once in 1 year.