



Air Disinfection Machine



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MEDICAL PLASMA AIR DISINFECTOR

KXD series medical plasma air disinfectors are mainly composed of fan, primary/intermediate filter, plasma disinfection module and activated carbon filter. Indoor polluted air circulates through each disinfection and purification module by centrifugal fan. Primary filter mainly filters hair, dust and other large particles. Plasma module can effectively kill all kinds of bacteria, virus, fungi including pathogenic microorganisms in the air. Carbon filter can effectively remove organic gas and various odor in the air. This range of products can effectively disinfect hospital air to II or III level standard (According to GB 15982-2012, CFU in air is ≤ 4.0 after 15 minutes exposure to air).

Core Disinfection Module

Jiajing Plasma disinfecting module. The module consists of two parts — plasma and collection parts. According to the principle of high-voltage point discharge, high-voltage changes air from molecular state to extremely unstable plasma state, accompanied by violent reduction reaction, disinfecting the air. The disinfected microbes are charged simultaneously. After disinfection, electric field is created between metal plates. The charged microbes are collected by charged plates.

Application Scope



Features

- Release no harmful chemicals. Compatible with persons.
- Galvanized steel sheet housing, durable and prevent self-ignition.
- Plasma disinfection module. Excellent microorganism killing and dust collection performance
- Activated carbon filter remove TVOC and various odors
- Reservation mode to save you more time and energy
- Cumulative running time prompt you of maintenance

	Wall-mounted Air Purifier		Portable Air Purifier				Ceiling-mounted Air Purifier		
Air flow/(m³/h)	600	1000	600	1000	1300	1500	600	1000	1500
Dimension (cm)	90*38*16	100*38*16	28*39*66	32*42*82	32*42*82	52*45*180	62*62*35	68*68*44	68*68*44
Weight(kg)	18	20	20	25	25	65	20	26	32
Power (W)	55	60	103	110	140	150	88	115	150

Ordinary series

KXD-X-600/1000/1500

CEILING-MOUNTED TYPE

- Usage Scope:
- Delivery Room, ICU, CSSD, Supply Center, Lab etc.
- Saving space.



KXD-B-300/600/1000

WALL-MOUNTED TYPE

- Usage Scope:
- Infectious Disease Ward, Treatment Room, ICU, Pharmacy etc.



KXD-Y-600/1000/1300/1500

MOBILE TYPE

- Usage Scope:
- Infusion Hall, General Ward, ICU, Common Operating Room.
- Small Type can be moved between different wards in infection emergency situation.
- Large Type. For disinfection use in larger space, save equipment investment.



A series**KXD-X-600A/1000A/1500A
CEILING-MOUNTED TYPE**

- Flush with suspended ceiling

**KXD-B-300A/600A/1000A
WALL-MOUNTED TYPE**

- Inlet on bottom and outlet on top.
- Avoid direct wind blow toward person.

**KXD-Y-600A/1000A/1500A
MOBILE TYPE**

- White appearance design confers clean and concise feeling to people.
- High-flow purifier with compact size reduce occupation space and facilitate delivery (113cm height compared to 180cm).

Options:

- Ozone generator.
- TVOC & PM2.5 sensors
- Activated carbon filter



	Wall-mounted Air Purifier		Portable Air Purifier				Ceiling-mounted Air Purifier		
Air flow/(m³/h)	600	1000	600	1000	1300	1500	600	1000	1500
Dimension (cm)	90*38*16	100*38*16	38*30*66	42*33*82	40*40*95	52*45*113	62*62*35	62*62*35	68*68*44
Weight(kg)	17	20	19	24	29	40	19	19	27
Power (W)	48	50	94	118	120	154	96	118	167

ULTRAVIOLET AIR DISINFECTOR

KXZ series medical plasma air disinfectors are mainly composed of fan, pre-filter, HEPA, UV disinfection module and activated carbon filter. Indoor polluted air circulates through each disinfection and purification module by centrifugal fan. Primary filter mainly filters hair, dust and other large particles. Plasma module can effectively kill all kinds of bacteria, virus, fungi including pathogenic microorganisms in the air. This range of products can effectively disinfect hospital air to II or III level standard (According to GB 15982-2012, CFU in air is ≤ 4.0 after 15 minutes exposure to air).

Core Disinfection Module

Jiajing UV disinfecting module. The module consists of two parts — UVlamp and ballast system. High intensity UV can penetrate through cell wall destroy protein structure and nucleus and consequently kill microorganisms.

Specifications

Model	Wall-mounted Air Purifier		Portable Air Purifier			
Air Flow/ (m ³ /h)	600	1000	600	1000	1300	1500
Dimension (cm)	90*38*16	100*38*16	28*39*66	32*42*82	32*42*82	52*45*180
Weight(kg)	18	20	20	25	25	65
Power (W)	155	250	167	178	230	295

Application Scope

Operating Room, ICU, Disinfection Supply Center, Delivery Room, Infusion Room, Pathological Lab, General Ward, Inspection Room, Consulting Room



Features

- Release no harmful chemicals. Compatible with persons.
- Galvanized steel sheet housing, durable and prevent self-ignition.
- Plasma disinfection module. Excellent microorganism killing and dust collection performance
- Activated carbon filter remove TVOC and various odors
- Reservation mode to save you more time and energy
- Cumulative running time prompt you of maintenance

KXZ-B-300A/600/1000

WALL-MOUNTED TYPE

- Usage Scope: Infectious Disease Ward, Treatment Room, ICU, Pharmacy etc.



KXZ-Y-600/1000/1300/1500

MOBILE TYPE

- Usage Scope: Infusion Hall, General Ward, ICU, Common Operating Room.
- Small Type can be moved between different wards in infection emergency situation.
- Large Type. For disinfection use in larger space, save equipment investment.

OPTIONS:

- Ozone generator.
- TVOC & PM2.5 sensors
- Activated carbon filter



A series

KXZ-X-600A/1000A/1500A CEILING-MOUNTED TYPE

- Flush with suspended ceiling



KXZ-B-300A/600A/1000A WALL-MOUNTED TYPE

- Inlet on bottom and outlet on top.
- Avoid direct wind blow toward person.



KXZ-Y-600A/1000A/1500A MOBILE TYPE

- White appearance design confers clean and concise feeling to people.
- High-flow purifier with compact size reduce occupation space and facilitate delivery (113cm height compared to 180cm).



OPTIONS:

- Ozone generator.
- TVOC & PM2.5 sensors
- Activated carbon filter

	Wall-mounted Air Purifier		Portable Air Purifier				Ceiling-mounted Air Purifier		
Air flow/(m³/h)	600	1000	600	1000	1300	1500	600	1000	1500
Dimension (cm)	90*38*16	100*38*16	38*30*66	42*33*82	40*40*95	52*45*113	62*62*35	62*62*35	68*68*44
Weight(kg)	17	20	19	24	29	40	19	19	27
Power (W)	155	250	167	178	230	295	170	185	250

NEW PLASMA AIR DISINFECTOR

KXD Pro range plasma air disinfectors are the advanced version of classic KXD range plasma air disinfectors. Besides the fundamentals of classic disinfectors, the unique features of Pro ranges are:

- New attractive appearance
- TVOC, PM2.5 sensors are added (other sensors are optional)
- Activated carbon is integrated into HEPA filter

Specifications

Model	Wall-mounted Air Purifier		Portable Air Purifier		
Air flow/ (m³/h)	600	1000	600	1000	1500
Dimension (cm)	89*36*17	105*36*17	32*36*78	32*42*83	52*42*168
Weight(kg)	19	22	24	29	60
Power (W)	48	50	100	122	170

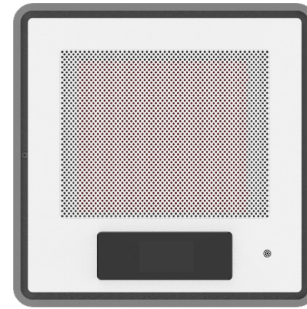
Model	Ceiling-mounted Air Purifier		
Air flow/ (m³/h)	600	1000	1500
Dimension (cm)	62.5*62.5*36	68*68*44	68*68*44
Weight(kg)	26	30	30
Power (W)	96	135	160

Display Panel



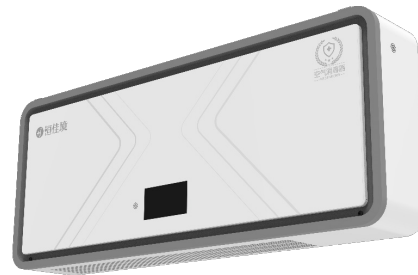
KXD-X-600P/1000P/1500P CEILING-MOUNTED TYPE

- Usage Scope:
- Delivery Room, ICU, CSSD, Supply Center, Lab etc.
- Saving space.



KXD-B-600P/1000P WALL-MOUNTED TYPE

- Usage Scope:
- Infectious Disease Ward, Treatment Room, ICU, Pharmacy etc.



KXD-Y-600P/1000P/1500P MOBILE TYPE

- Usage Scope:
- Infusion Hall, General Ward, ICU, Common Operating Room.
- Small Type can be moved between different wards in infection emergency situation.
- Large Type. For disinfection use in larger space, save equipment investment.



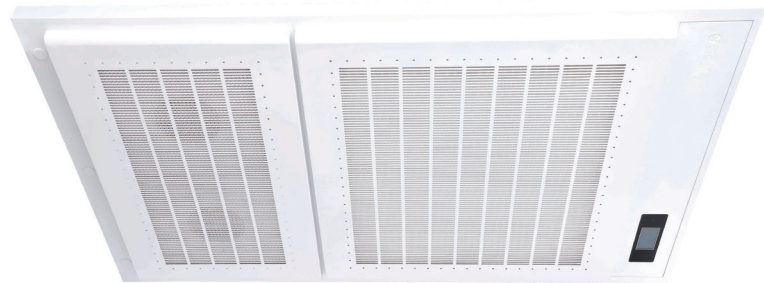
AIR DISINFECTING PLATE

HEPA filter in the plate filters airborne microbes and outlet air quality maintains Class 100 quality (ISO 5). This can achieve specified area air disinfection or purification, providing superior air quality for common operation room.

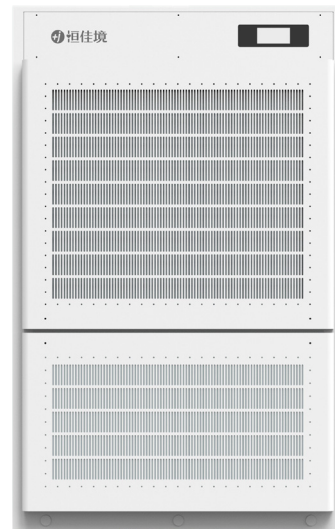
MODEL: XDP-Y-600



Movable



Ceiling-mounted



Wall-mounted

Specifications

- Dimension : 89*11*140 cm
- Applicable Space: 60 m³ (Based on ACH=10)

Application Scope

Operating Room, ICU, Disinfection Supply Center, Delivery Room, Infant Room, Catherization Room, Asepsis Room, Pathological Lab, General Ward etc.

AIR DISINFECTING PLATE



4 laminar flow air purifiers in operating room



Hospital corridor



Operating room

BED ISOLATION SYSTEM

Jiajing Laminar Flow Bed Isolation System adopted vertical laminar air supply method, which maintain air quality at class 100 in cover. Meantime, pressure in the cover remain positive, preventing polluted air outside entering into cover, keeping air around isolated bed very clean. This system can efficiently reduce infection for burn, hematonosis and chemoradiotherapy-treated and other immune compromised patients.



Application Scope

Product can be used in burn department, blood department, respiratory disease department, etc. Besides, it can replace laminar engineering project and make room class 10000 clean.

Specifications

Model	Dimension/mm	Air Cleanliness in Canopy	Room Cleanliness
XDCZ-V	2200*1100*2000	ISO 5 (class 100)	class 10000 (100m ³)

BED ISOLATION SYSTEM

Features

- Vertical laminar flow air supply provide ISO 5 cleanliness within the canopy
- Fiber glass H13 HEPA filter efficiently removes 0.3 micron particles from incoming air.
- High intensity and long-life UV lamps disinfect incoming air, deactivating airborne microbes.
- Medical grade odorless, highly transparent, anti-static soft curtain. Optional outer opaque curtain.
- UV lamps inside the canopy disinfects articles when no person inside the canopy
- 5-inch high resolution display panel.
- Air quality sensors monitor air quality, CO₂, TVOC concentration, temperature and humidity inside.
- Indicator light color change as per air quality.
- Charging ports are prepared. AC and type-C are available.
- Remoter controller with magnet absob to metal shell avoid losing the controller.
- Precision-cut metal housing, anti-aging, anti-self-ignition.
- Multiple modes, manual, timing, reservation, automatic, sleep, fast, meet diversified requirement.



Specifications

Model	Dimension/mm	Air Cleanliness in Canopy	Room Cleanliness
XDCZ-V-P10	2400*1100*2170	ISO 5 (class 100)	class 10000 (100m ³)

LAMINAR FLOW DISINFECTOR

Laminar flow air disinfectant is mainly made of medium efficiency filter, fan, UV lamp and HEPA H13 filter. Under the work of fan, room air will circulate through UV disinfecting zone and HEPA filter, then air becomes clean and wide area of HEPA can provide laminar air flow that is beneficial to operation.



Specifications

Model	Dimension/mm	Applicable Space/m ³	Cleanliness Level	Air Flow/(m ³ /h)
CJX-Y-1000	550*350*1065	100	class 10000	1000
CJX-Y-2000	700*500*1715	150	class 10000	2000

Application Scope

- Various Operating Rooms, ICU, Burns Department, Hematology Department.
- Respiratory Disease Patients, Chemoradiotherapy-treated Patients and other immune compromised cases.

MULTIPLE LAYER AIR DISINFECTION MACHINE



Techniques employed

This series of air sterilizers integrates plasma, ultraviolet, photocatalysis oxidation (PCO), ULPA, molecular purification and other air disinfection techniques that can coexist with humans. The machine can disinfect and remove bacterial particles as small as $0.01\mu\text{m}$, and the single-time bacterial disinfecting rate can reach 100%. Outlet air cleanliness maintains at class 100. This series of products can effectively achieve the disinfection levels of Class I and Class II environment in hospitals, and is especially suitable for places with high level air disinfection and purification requirement, such as operating rooms, ICUs, endoscopy centers, hematology wards, and burn wards.

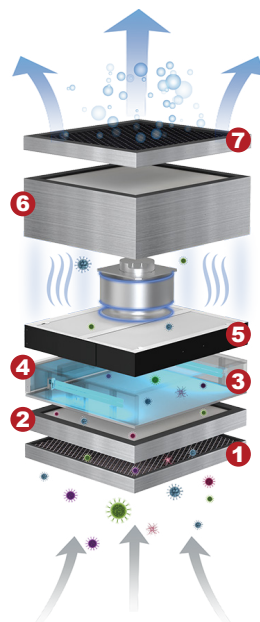
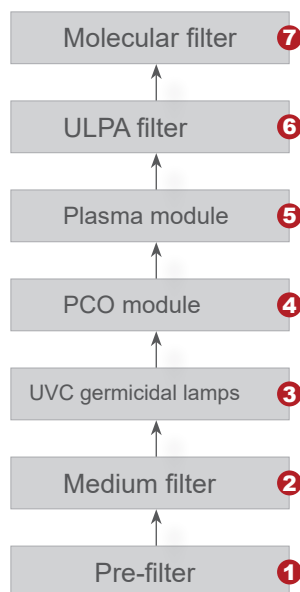


Mounted onto an isolation canopy

It can be used in conjunction with a mobile laminar flow canopy to provide clean and protective space for patients with blood diseases or burn, and patients that undergo organ transplant or suffer immunocompromised diseases.



Air disinfection and purification



Specifications

Model	Applicable space/m ³	Dimension/mm	Weight/kg
KXF.ZDG-Y-150M	150	720*625*1505	125
KXF.ZDG-Y-200M	200	820*675*1705	150
KXF.ZDG-Y-300M	300	920*725*1855	180

LAMINAR FLOW DISINFECTOR PRO

Considering the demand for larger air flow purifier. Laminar flow air purifier with **air flow 3000 m³/h** is developed.



Specifications

Model	Dimension/mm	Applicable Space/ m ³	Cleanliness Level	Air Flow/(m ³ /h)
CJX-Y-1500P	653×458×1090	150	class 10,000	1000
CJX-Y-3000P	700×590×1705	300	class 10,000	3000
CJX-Y-4000P	800×700×1905	400	class 10,000	4000

Features

- Air flow: 3000 m³/h
- 7" intuitive touchscreen display panel.
- Remove formaldehyde, benzene, ammonia, TVOC etc. volatile pollutants.
- High-efficiency and low resistance HEPA 13 eliminates PM 2.5
- Sensors: temperature, humidity, PM2.5, CO₂, TVOC, HCHO

APPLICATIONF: LAMINAR FLOW DISINFECTOR & BED ISOLATION CANOPY



To protect patients in CT, NMR rooms from cross infection and considering NMR special requirements for the equipment in **NMR room**, our high flow non-magnetic air purifier was employed to purify air in SIEMENS NMR room. Our engineer also instructed the operators and doctors how to handle the machine.



Immunocompromised patients suffer a lot pain from burn, hematology, burn and etc. To help them recover from the disease as soon as possible, extremely clean environment essential while that kind of environment is very costly. The isolation canopy is designed to enclose a small area to accommodate immunocompromised patients with air in it maintaining ISO 5.

BED OZONE DISINFECTOR

The product is mainly composed of vacuum pump, ozone generator, air pump, control system, and shell. Ozone is used to disinfect hospital beds, mattresses, pillows, sheets, patient clothes and other beddings.

Characteristics

- High quality ceramic ozone generator. High purity and volume ozone and durable generator.
- air condensation guarantees excellent penetration into the mattress and beddings.
- Ozonolysis keep you free of any ozone residual.
- Two outlet PU tubes can be used to disinfect two or one beds.
- Galvanised steel housing, robust and anti-corrosion
- Remote controller with magnet can stick to the housing.
- Durable anti-aging pump and tubes.
- Disinfection time can be controlled.
- Automatic disinfection, easy to manipulate
- Automatic fault detection and halt and alarm

Specifications

CDW.B

Movable

- Dimension: 32*38*83cm
- Weight: 26kg
- Power: $\leq 248W$
- Voltage: Customizable
- Applicable Bed Amount: 1 or 2



Application Scope



OZONE GENERATOR

This machine consists of ozone generator, fan, control system and housing. After effective ozone generator produce highly pure and large volume ozone, fan drives air circulation, carrying ozone to whole room or space, ultimately disinfecting the space.

Characteristics

- Space must be enclosed and nobody stays in the space.
- New plate ozone generator produces high purity and volume ozone with long using life.
- After disinfection, ozone will decompose into oxygen without any harmful residual.
- Manual, timing, delayed time functions satisfy your requirements.
- High quality stainless steel is anti-oxidation and anti-corrosion.
- Forced convection accelerate ozone distribution and shorten disinfection time.



Wall-mounted Type

Model	CY-B80	CY-B100	CY-B120	CY-B150
Ozone generation rate (g/h)	10	15	20	30
Applicable space (m ³)	≤80	≤100	≤120	≤150

Movable Type



Model	CY-Y80	CY-Y100	CY-Y120	CY-Y150
Ozone generation rate (g/h)	10	15	20	30
Applicable space (m ³)	≤80	≤100	≤120	≤150

Portable Types



Mechanical Timing



Digital Timing