

## Plasma Air Sterilizer

### Plasma Air Sterilizer(Wall Mounted)

#### Introduction:

It consists of a plasma sterilization area and a dust accumulation area. The sterilization area contains electrons, ions, excited atoms, molecules, and active free radicals, which can effectively kill various bacteria, viruses, fungi and other pathogenic microorganisms in the air. The dust accumulation area can effectively absorb the charged dust particles passing through the sterilization area.



#### Application:

It is suitable for general operating room, delivery room, blood ward, burn ward, protective isolation ward, intensive care unit, disinfection supply center, intensive dialysis center, examination room, treatment room, infectious disease consultation room, etc.

#### Features:

- \* Human and machine coexistence.
- \* It can effectively remove organic gases and various odors in hospitals.
- \* High sterilization efficiency and good dust accumulation effect.
- \* Real-time monitoring of indoor air temperature.
- \* Three gears adjustable wind speed.
- \* Multiple working modes: manual, timing, temporary.
- \* 6 groups program-controlled timing disinfection.
- \* Automatic accumulation of working hours.
- \* LCD display, far infrared remote control.

#### Technical Parameters:

Model	BK-B-1000-D
Circulating Air	1000m <sup>3</sup> /h
Applicable Room	100m <sup>3</sup>
Plasma Generator Life	≥8000h
Plasma Concentration(ions/m <sup>3</sup> )	≥8.46*10 <sup>18</sup>
Electric Field Intensity of Sterilization Area	8000V
Electric Field Intensity of Dust Accumulation Area	4000V
O <sub>3</sub> Residue	≤0.02mg/m <sup>3</sup>
Sterilization Rate of Staphylococcus Albicans	>99.9%
Average Extinction Rate of Natural Bacteria	>92%
Input Power	≤80W
Power Supply	AC220V±10%, 50Hz
External Size(W*D*H)	1110*175*422mm
Package Size(W*D*H)	1150*260*492mm
Gross Weight	33.3kg