

BFN-711-L Single Outlet DC Ionizer

The BFN-711-L Single Outlet Ionizer Utilizes DC Static Elimination Technology. It Features Automatic Self-cleaning, Intelligent Remote Control, and Network Monitoring Capability.



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► Features:

- Smaller Outlet Spacing Provides Higher ion Coverage Density; Each Outlet has 4 Ionizing Needles for High ion Generation.
- Auto-Needle-Cleaning Function Upon Startup; Defaults to Auto-cleaning Every 8 Hours, Eliminating Manual Maintenance.
- High Airflow fan With 5-speed Adjustment and Stable Performance; Output Airflow is 1.45 Times Higher Than Standard Fans.
- Red Light Alarm for Fan Failure or High-voltage Abnormality; Supports Wired Network Communication (RS485) for Monitoring Operational Status.
- CE Tested With Electromagnetic Protection, Preventing EMI to Other Equipment and Resisting External EMI Interference.
- Magnetic Suction Mesh Cover; Power Cuts off Immediately Upon Cover Removal for Easy Disassembly and Maintenance.

Application Scope

Widely Applicable In Industries Such As Electronics, Optoelectronics, Semiconductor, Etc.

Product Parameters

Product Model	BFN-711-L		
Input Voltage	DC 24V (RJ45 Interface)	Operating Humidity	<70% RH
Input Current	<0.45A DC	Dimensions	178×81×199.5mm (LWH)
Output Voltage	DC±4KV→±7KV	Housing Material	Powder-Coated Aluminum
Power Consumption	<12W	Ion Balance	≤±10V
Ion Emission Type	Steady-State DC	Communication	RS485
Emitter Material	Tungsten	Air Volume	≤135 CFM
Discharge Range	750×300mm (L*W)	Warranty	1 Year
Operating Temperature	0°C ~ 50°C	Certification	CE
Noise Level	≤58 dBA Per Outlet (Measured at 1000mm From Outlet)	Alarm Indicators	Startup/Cleaning - Blue light Flashing
Ozone Concentration	≤0.05 ppm (Measured at 150mm From Outlet)		Normal Operation - Green light (Constant Monitoring)
Discharge Time	≤2S (Measured at 300mm From Outlet)		Fan Alarm - Red light Steady on
Weight	Net Weight (Incl. Power Cord & Brackets): 1.8kg Gross Weight: 2.3kg		High Voltage Abnormality - Red light Flashing
Compatible Power Supply	Input: AC100—240V 50/60Hz; Output: DC24V 2A (Dual RJ45 Interfaces)	Mounting Accessories	1 Set U-shaped Powder-Coated Steel Mounting Brackets 1 Pair Bakelite Knob Screws (M5x8)