

# BFN-712 Dual-head DC Ionizer Fan

The BFN-712 Dual-Head DC Ionizer Fan Employs Positive and Negative Synchronous Emission Electrodes. It Uses DC High Voltage to Generate Corona Discharge, Ionizing air Molecules to Produce a Large Number of Positive and Negative air Ions. A fan Then Blows These Ions Towards the Target Surface for Static Elimination.



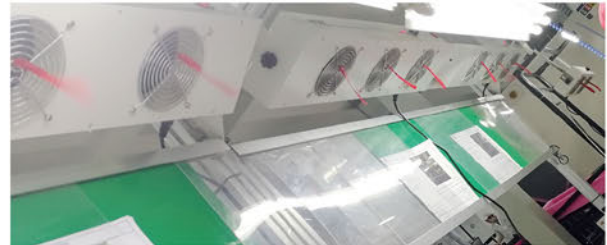
1.5.02.02.0062

## Product Features

- ◆ Suitable for Static Elimination in Large Areas.
- ◆ Combination of two Independent ion Emission Units.
- ◆ Stepless fan Speed Regulation; Long Fan Lifespan.
- ◆ Fast Static Elimination Speed; Good Circuit Stability.
- ◆ Front and Rear Grilles are Detachable for Easy Cleaning and Maintenance.
- ◆ Features Automatic Needle Cleaning on Startup.
- ◆ Automatic Needle Cleaning Every 24 Hours, Eliminating the Need for Manual Cleaning.

## Application Scope

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



## Product Parameters

| Product Model            | BFN-712  |                          |  |
|--------------------------|--|--------------------------|--|
| Input Voltage            | AC220V/50Hz or 110V/60Hz   | Power Consumption        | <15W   |
| Operating Voltage        | ±DC4000-DC7000V  | Ion Emission             | Steady-state DC  |
| Emission Electrode       | Aluminum Alloy   | Operating Temperature    | 0°C ~ 50°C   |
| Static Elimination Range | 600*300*750mm (L*W*H)  | Dimensions               | 640*175*118mm (LWH)  |
| Ion Balance              | -15V ~ +15V (at 450mm Vertically From the Air Outlet Center)     | Discharge Structure      | Non-coupled Electrical Contact (Discharge Cylinder)  |
| Ozone Concentration      | ≤0.05 ppm (at 150mm From the Air Outlet)                         | Static Elimination Speed | ≤3s (at 450mm Vertically From the Air Outlet Center)   |
| Net Weight               | 2450g (Including Power Cord, Mounting Bracket Accessories, Etc.) | Alarm Indication         | Power Indicator Light on Indicates Normal Operation  |
| Housing Material         | Powder-coated Aluminum   | Audio Noise              | ≤55 dB (at 150mm From the Air Outlet)  |
| Airflow                  | ≤2*89.1 CFM  |                          |  |
| Operating Humidity       | 30~70% RH  | Mounting Accessories     | 1 Pair of Powder-Coated Aluminum Mounting Brackets<br>1 Pair of Bakelite Screw Knobs (M6×12) |
| Warranty                 | 1 Year   |                          |  |
| Gross Weight             | 3650g  |                          |  |
| Certification            | CE   |                          |  |