

Low voltage and high frequency ionizing air blower KF-21F



Technical Parameters

| Category | Parameters | Category | Parameters |
|---------------|--|---------------------|---|
| Model | KF-21F | Air volume | 2.56-4.07m ³ /min |
| Input voltage | DC24V | Ozone concentration | 0.03ppm(distance 150mm) |
| Decay time | 1.5s(200mm) | Working temperature | 0-40°C |
| Ion balance | Automatic ion balance system $\pm 10V$ | Working humidity | 30-70%RH(No condensation or water droplets) |

Test conditions working voltage:DC24V testing voltage: $\pm 1000V$ $\pm 100V$ Temperature: $23^{\circ}C \pm 2^{\circ}C$

| Distance | Decay time (+/-) | Ion balance (+/-) |
|----------|------------------|-------------------|
| 300mm | 1.0s/-1.5s | $0 \pm 10V$ |
| 600mm | 2.5s/-3.5s | $0 \pm 15V$ |
| 900mm | 4.0s/-5.5s | $0 \pm 20V$ |

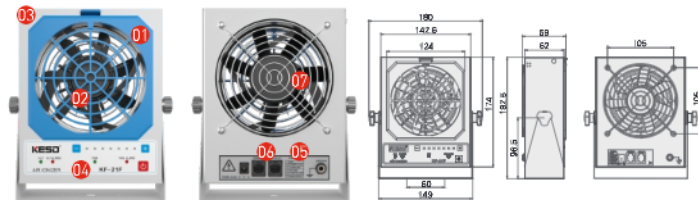
Remark: 1. Testing method: Using charged plate monitor to test.
2. Decay time means with the maximum air volume from $\pm 1000V$ to $\pm 100V$.
3. Test in the central area of the front air window.

Features

- 01 Apply high frequency AC type to achieve excellent ion balance.
- 02 Special tungsten alloy discharge needle for longer service time.
- 03 Indicator for fan operating alarm of both normal and abnormal condition.
- 04 Indicator for High voltage operating alarm of both normal and abnormal condition.
- 05 Visual management of working performance and wind speed display.
- 06 Removable discharge needle parts and the front window and convenient for cleaning, maintenance and replacement.

Ionizing air blower KF-21F

Dimension /142 × 69 × 174mm(with stand) Weight /1.26kg (including stand)



- 01 **Front window**
Use a linear grid type window to make the blowing wind diffuse and enhance the static elimination effect, and can be flexibly disassembled for easy maintenance.
Accessory, can be purchased separately.
- 02 **Discharge needle (KF-21F-Z3)**
Discharge needle parts can be disassembled for replacement and maintenance.
Cleaning or maintenance outside the work area to avoid secondary pollution.
Accessory, can be purchased separately.
- 03 **Housing**
Powder coating process, with standard white powder.
- 04 **Indicator**
Unique LED display for visual viewing the working status and management.
 - HV HV normal working condition
 - HV ABNORMAL HV abnormal working condition
 - FAN fan normal operating condition
 - FAN fan abnormal operating condition
 - Air volume decrease, increase button and air volume indicator
- 05 **Rear label**
- 06 **Power supply**
Equipped with DC socket and network power socket for easy connection with equipment and neat line.
- 07 **Back window mesh**
Metal window mesh (120x120mm) Filter window (accessory, can be purchased separately)