

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



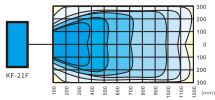
### Technical Parameters

Category	Parameters	Category	Parameters
Model	KF-21F	Air volume	2.56-4.07m <sup>3</sup> /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 0±10V	Working humidity	30-70%RH(No condensation or water droplets)

**Test conditions** working voltage:DC24V testing voltage: ±1000V ±100V Temperature: 23°C±2°C

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

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



Decay time(S)

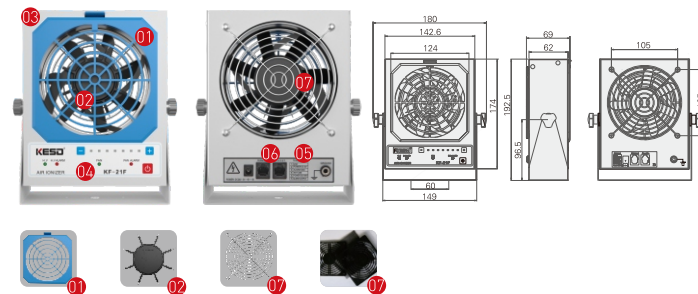
- 0-2
- 2-4
- 4-6
- 6-8
- 8-10
- 10-12

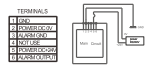
### Features

- 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(without 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
  - H.V.ALARM HV abnormal working condition
  - FAN fan normal operating condition
  - FAN fan abnormal operating condition
- 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.)