

## Low voltage and high frequency ionizing air blower KF-60AR(overhead type)



### Technical Parameters

Category	Parameters	Category	Parameters
Input voltage	AC220V/50Hz or AC110V/60Hz	Air volume	2.56-4.07m <sup>3</sup> /min
Ion balance	ion balance system 0±10V	Ozone concentration	0.03ppm(distance 150mm)
Decay time	1.0s/-1.5s(300mm)	Working temperature	0-40°C
Applied voltage	High frequency AC type/±2200V	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 (+/-)	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.
300mm	1.0s/-1.5s	0±10V	
600mm	2.0s/-3.0s	0±15V	
900mm	3.5s/-4.5s	0±20V	

### Features

- 01** Automatic cleaning function for discharge needles to reduce daily manual cleaning and maintenance.
- 02** Automatic ion balance system, and the ion balance can be reached within 0±10V.
- 03** Reverse fan design to avoid the recontamination after cleaning.
- 04** According to the workshop environment level, there is setting timer from 0-999 hours of automatic cleaning, as well as the LED display of setting time.
- 05** More optional ion fans of different lengths depending on the workbench and product size.
- 06** Lock function of the whole machine (refer to the button function description).

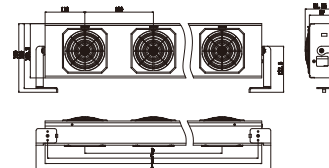
### Ionizing air blower KF-60AR

Dimension/600 X 82 X 150mm(without stand) Weight/4.3kg (including stand)



- 01** Front window(KF-21AW-BH)
  - 02** Discharge needle(KF-21AW-Z3)
  - 03** Rear window  
Metal window mesh (120x120standard accessory for fan)  
Filter window  
**Accessory, can be purchased separately.**
  - 04** Housing  
Powder coating process, with standard white powder.
  - 05** Mounting bracket
  - 06** Power supply  
Input power supply AC220V/ 50Hz or AC 110V/ 60Hz
  - 07** Operation panel and function setting buttons  
Power switch  
1. Press the power switch after power on.  
2. Restart after power off, no need to reset button.  
    - fan normal operating condition
    - fan abnormal operating condition
    - HV normal working condition
    - HV abnormal working condition
 Air volume and cleaning settings switch  
Manual cleaning button  
Press the button when immediate cleaning is needed. After fan reverses, cleaning ends.
- Press "+" and "-" for more than 5 seconds, the whole machine is automatically locked.  
Then press them for another 5 seconds at the same time, the whole machine is automatically released.
- ▶ Air volume increment button with 7 levels.  
Cleaning time setting: 0-999 hours
  - ◀ Air volume decrement button with 7 levels.  
Cleaning time setting: 0-999 hours
  - F-01 Adjustable fan air speed with seven levels: F-01-F-07
  - H999 Adjustable cleaning time setting from 0 hour to 999 hours: H000-H999
  - LOCK Lock function of the whole machine
  - UNLOCK Unlock function of the whole machine
  - WASH Cleaning of discharge needles

### Overhead series ionizing air blower Parameters for reference KF-60AR



Model	Total length A (including bracket)	Length of device B	Mounting distance C	Fan spacing D	Quantity of fans	Weight
KF-60AR	650mm	600mm	583mm	380mm	3	4.3kg
KF-80AR	850mm	800mm	783mm	570mm	4	6.0kg
KF-100AR	1050mm	1000mm	983mm	760mm	5	6.4kg
KF-120AR	1250mm	1200mm	1183mm	950mm	6	7.2kg
KF-150AR	1450mm	1400mm	1383mm	1140mm	7	8.2kg