

Low voltage and high frequency AC type ionizing air bar

No electric shock, high security.

Each discharge needle corresponds to a high voltage generator, so the performance is stable.

Maintenance-free and less-cost, with optional automatic cleaning device.



Technical Parameters

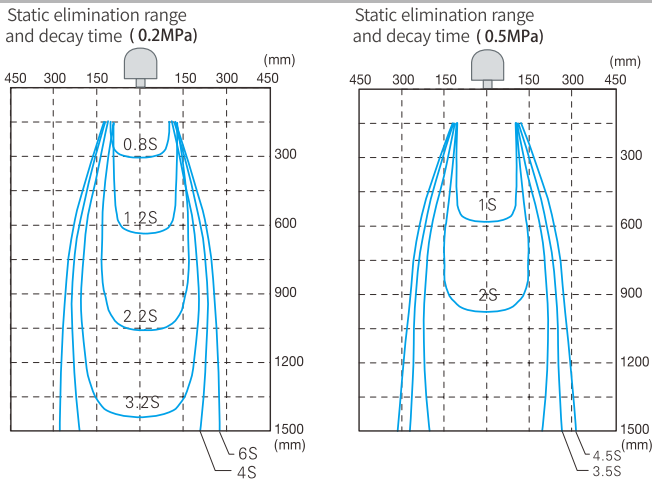
Category	Parameters	Category	Parameters
Input voltage	DC24V	Ozone concentration(ppm)	<0.035ppm
Applied voltage	High frequency AC type	Airflow applied	Clear air (without water and oil)
Ion balance	±20V(distance 300mm, air pressure 0.2Mpa for test)	Air pressure application range(MPa)	0.1~0.5mpa
Decay time	≤2.0s	Applied environment temperature	0~40℃
Cleaning setting timer	(adjustable from 0-999 hours)	Applied environment humidity	15~75%RH (no water drop condensation)

Static elimination range and decay time

The following chart shows the related data like decay time and the distance between ion bar and the object.

Test conditions:

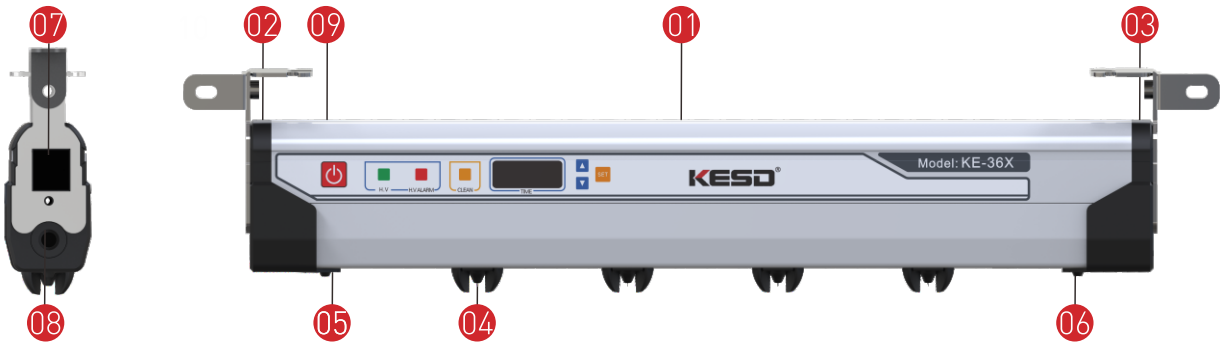
1. Test the decay time, when voltage changed from ±1000V to ±100V.
2. Using the charge plate monitor of 150mm×150mm (20pF)
3. The data is applied air pressure under 0.2Mpa and 0.5Mpa upward air flow.



Features

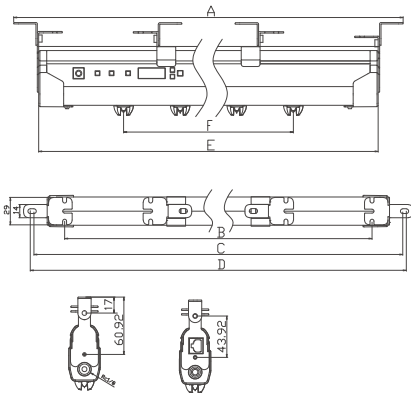
- 01 Applying high frequency AC mode, and the frequency can reach 68000Hz.
- 02 The clean time can be settled from 0-999 hours according to the workshop environment
- 03 Side wiring to ensure front and rear space.
- 04 Automatic ion balance system, fast static elimination.
- 05 Increase the air volume to get a better performance
- 06 Equipped with high-voltage normal operation indicator and high-voltage abnormal operation indicator.

Graphic details of high frequency ionizing air bar KE-36X



- 01 Shell body
- 02 Left side panel
- 03 Right side panel
- 04 Spray head (discharge needle)
- 05 Left auxiliary air intake
- 06 Right auxiliary air intake
- 07 Power port (DC24V)
- 08 Air inlet slot
- 09 Control panel
- Power switch
- High voltage normal operation indicator
- High voltage abnormal operation indicator
- Cleaning reminder indicator
- LED display
- Mainly display the time of setting maintenance of discharge needle and cleaning reminder.
- Cleaning reminder settings Increase
- Cleaning reminder settings Decrease
- Cleaning reminder settings Adjustable in the range of 0-999 hours

Drawing and specification



Model		Overall length A	Mounting distance B	Mounting distance C	Mounting distance D	Static elimination E	Electrode spacing F
Standard series	I/O Control payment						
KE-36X	KE-36XI	413	326	391.2	398.8	360	180
KE-60X	KE-60XI	653	566	631.2	638.8	600	420
KE-84X	KE-84XI	893	806	871.2	878.8	840	660
KE-108X	KE-108XI	1133	1046	1111.2	1118.8	1080	900
KE-132X	KE-132XI	1373	1286	1351.2	1358.8	1320	1140
KE-156X	KE-156XI	1613	1526	1591.2	1598.8	1560	1380

*(Standard series) Need to turn on the power switch for function *(Power on/off series) Work directly after power on.
*(HV feedback series) With the HV alarm feedback.