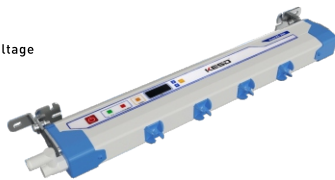


## Low voltage and high frequency AC type ionizing air bar

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

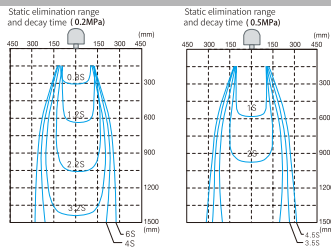
Category	Parameters	Category	Parameters
Input voltage	DC24V±5%	Ozone concentration(ppm)	<0.03ppm
Applied voltage	High frequency AC type	Airflow applied	Clear air (without water and oil)
Ion balance	±2.0%(distance 300mm, air pressure 0.2Mpa for test)	Air pressure application range(MPa)	0.01~0.5mpa
Decay time	2.0s(distance 300mm, air pressure 0.2Mpa for test)	Applied environment temperature	0~40°C
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:

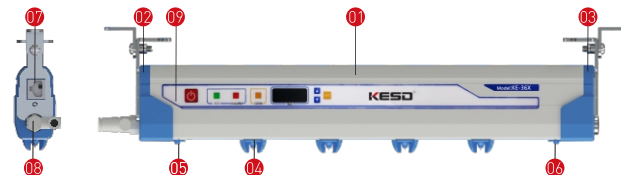
1. Test the decay time, when voltage changed from ±1000V to ±100V.
2. Using the charge plate monitor of 150mm×150mm (20pF)
3. The data is applied air pressure under 0.2Mpa and 0.5Mpa upward air flow.



## Features

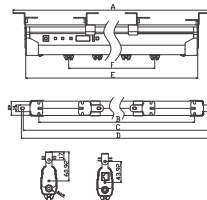
- 01 Applying high frequency AC mode, and the frequency can reach 68000HZ.
- 02 The clean time can be settled from 0-999 hours according to the workshop environment
- 03 Side wiring to ensure front and rear space.
- 04 Automatic ion balance system, fast static elimination.
- 05 Increase the air volume 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
- 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



Standard series	Model		Overall length A	Mounting distance B	Mounting distance C	Mounting distance D	Static elimination E	Electrode spacing F
	Power on/off series	HV feedback series						
KE-36X-1	KE-36X-2	KE-36X-3	413	326	391.2	398.8	360	180
KE-60X-1	KE-60X-2	KE-60X-3	653	566	631.2	638.8	600	420
KE-84X-1	KE-84X-2	KE-84X-3	893	806	871.2	878.8	840	660
KE-108X-1	KE-108X-2	KE-108X-3	1133	1046	1111.2	1118.8	1080	900
KE-132X-1	KE-132X-2	KE-132X-3	1373	1286	1351.2	1358.8	1320	1140
KE-156X-1	KE-156X-2	KE-156X-3	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.