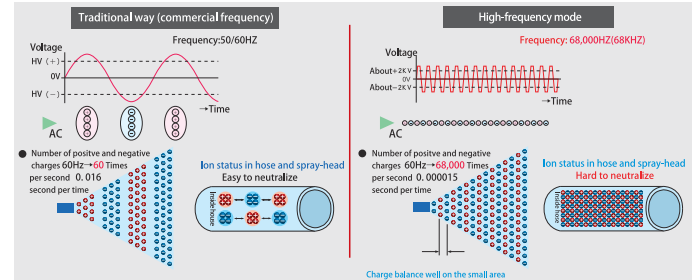




## Low voltage and high frequency ionizing air nozzle

### Features

- ① Automatic ion balance system, and the ion balance can be reached within  $0 \pm 10V$ .
- ② Different nozzle heads optional depending on the applied situation.
- ③ Special tungsten alloy discharge needle for longer service time.
- ④ Built-in high voltage system, more safe and convenient.
- ⑤ Indicator for high voltage operating alarm of both normal and abnormal condition.
- ⑥ The inner wall of the housing is sprayed with metal painting to make the whole body grounding shield.



### Technical Parameters

Category	Parameters	Category	Parameters
Model	KZ-10C/KZ-10A/KZ-10A-SY-HPJ	Ion generation mode	High frequency AC type
Input voltage	DC24V	Ion balance	Ion balance system $0 \pm 10V$
Current	60mA	Ozone concentration	0.03ppm < (200mm)
Airflow applied	Clear air (without water or oil)	Tube diameter	$\phi 6$
Air pressure application range	0.05-0.5Mpa	Filter precision	40-60 $\mu m$ (non-standard parts)
Applied environment temperature	0-40°C	Filter efficiency	50% (non-standard parts)
Applied environment humidity	30-70%RH(no water drop condensation)		

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

Distance	Decay time (+/-)	Ion balance (+/-)
150mm	0.5s/-0.6s	$0 \pm 10V$
300mm	0.8s/-0.9s	

- Note:** 1. Firstly, be sure to connect compressed air, then turn on the power.  
 2. Ion balance measurement according to KESD measuring condition. Any questions please consult us.  
 3. The filter is optional.  
 4. The above test data is under specific temperature and humidity.