



## Ionizer FFU Fan Filter Unit Cleanroom dust remover & static eliminator

- Filter grade is 99.99%, 0.3µm
- DC type, Ion balance  $\leq \pm 35V$  adjustable
- Remote control and wifi monitoring
- Ionizer effective distance within 500-2000mm

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### DESCRIPTION

KU-50 is an intelligent FFU (Fan filter unit ) with static eliminate & cleanroom dust remove function, filter grade is 99.99%, it can monitor temperature and humidity, pressure difference, air dust particles. It's functional visualization, it will have alarm warning when wind energy or high voltage abnormal, electrostatic eliminate performance can control the ion balance below  $\pm 35 V$  under FFU 2.5 square. this FFU achieved the excellent effect of space electrostatic eliminate and dust removal.

### TECHNICAL PARAMETERS

Category	Parameter	Category	Parameter
Model	KU-50	Power dissipation	10-120W
Input voltage	220VAC,50/60HZ	Ozone concentration	below 0.008ppm (distance 150mm)
Ion balance	Within 0 $\pm$ 35V	Working temperature	0-40°C
Output voltage	0-20kv DC	Working humidity	15- 75% RH (No condensation or water droplets)

Effective distance	Ionizer within 500-2000m m	Controller	Remote control and wifi monitoring
Material of spray needle	Monocrystalline silicon or Tungsten	Wifi monitoring method	LoRa+NB-IoT
Weight	21.5kg ( bracket include d)	Product Size	575* 575 * 280 mm (HV rod excluded)