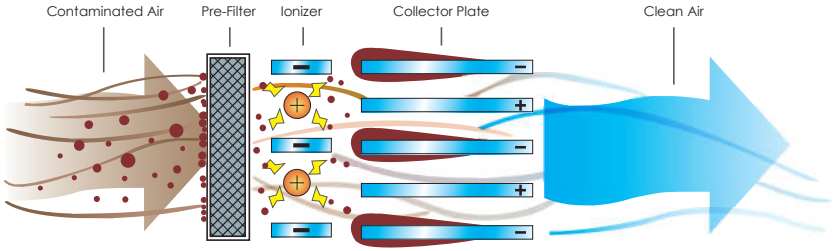
Electrostatic Air Cleaner
AC Series (AHU Standard Type)
EAC-AC

Working Principles

Suspended dust particles and impurities will be ionized after passing through the high voltage ionizer. Positively charged air particles will be attracted to the negative plate at the collection zone. Tiny particulate matters will be absorb on the collection plates under high voltage, which further achieve the sterilisation effect.



Applications

- Commercial Building
- General
- Healthcare & Hospital
- Industrial

Specifications List

Parameters	Unit	Single Ionic Cell	Double Ionic Cell	Double Ionic Cell (Vertical)
Serial Number		EAC-370x610x180-AC	EAC-680x610x180-AC	EAC-370x1114x180-AC
Nominal Dimension (WxHxD)	mm	370x610x180	680x610x180	370x1114x180
Actual Dimension (WxHxD)	mm	369x610x182	681x610x182	369x1114x182
Number of Ionic Cell		1	2	2
Input Voltage / Current	V/A	220V/0.18A	220V/0.21A	220V/0.18A
Output Voltage / Current	kV/mA	6.2kV/3.2mA	6.2kV/3.2mA	6.2kV/3.2mA
Power	W	17	31	31
Filtration Efficiency		F7/F8	F7/F8	F7/F8
Initial Pressure Drop	Pa	25	25	25
Air Volume	m³/h	1700	3400	3400
Weight	kg	12	18	18

Product Features

Operating Conditions
Continuous operating temperature: 4~52°C
Not suitable for flammable environment

Efficiency (EN779:2012)
F7, F8 (ASHRAE 52.2)
PM2.5 testing efficiency: >90% at 2.5m/s (with pre-filter)
Microbes testing efficiency: >90%
Able to remove particle with the size up to 0.01μm

Indicators
Operation, cleaning and malfunction indicators

Long Service Life
Up to 10 years

Low Power Consumption
≤ 39W

Low Initial Pressure Drop
25Pa

2-in-1 Series (Electrostatic Air Cleaner + M-HPack)

Product Special Feature
2 in 1 EAC able to remove PM2.5, bacteria & formaldehyde effectively. The combination of this two product able to produce high concentration charged ion. The high concentration charged ion will ionized the bacteria that remaining in the air and destroyed the cells of bacteria and thus leading the death of the bacteria.