

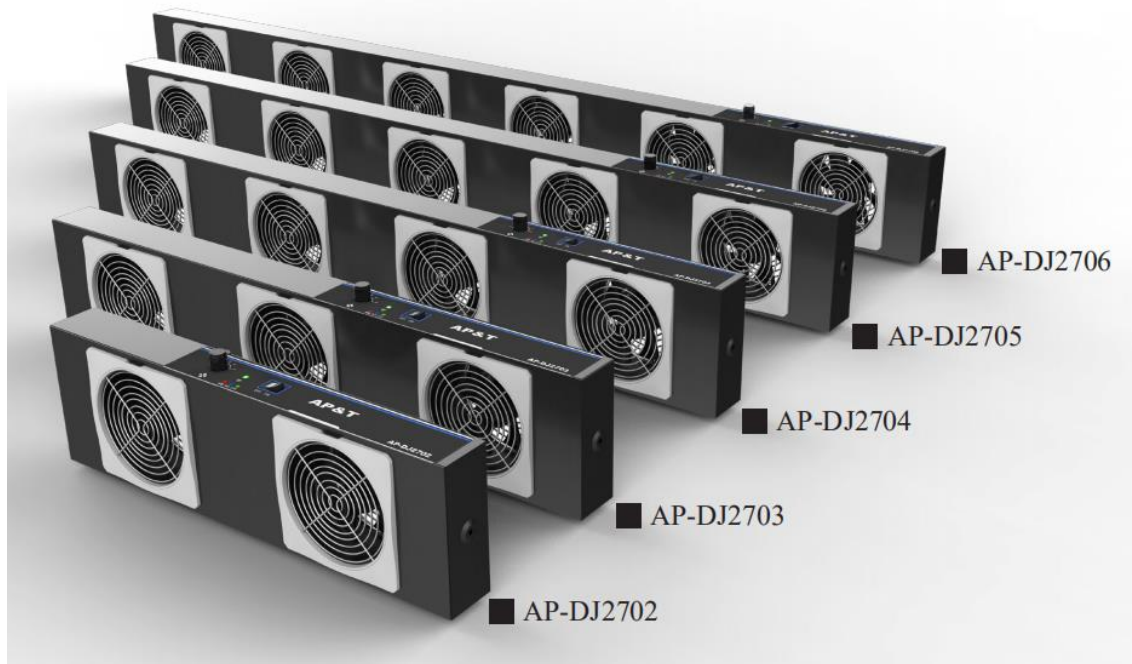
AP&T®

DJ27 Ionizing Air Blower Series

Product description



■ AP-DJ2701



■ AP-DJ2706

■ AP-DJ2705

■ AP-DJ2704

■ AP-DJ2703

■ AP-DJ2702



Cleaning time setting

Set a reminder for the cleaning time at will. When the blue light flashes, it means ionizing air blower needs cleaning. When using ionizing air blower, the electrode needle cleaning cycle is set according to the working environment. Cleaning cycle should be shorten appropriately in environment with more moisture and dust.

Air volume output adjustable

There are five air volume options on the ionizing air blower. Adjust the air volume according to the installation distance of the static eliminator and the status of the target object.

Unlock

30s delay for operation if any key is pressed after unlocking. Exit and lock if no key is pressed after unlocking.

Remote control button

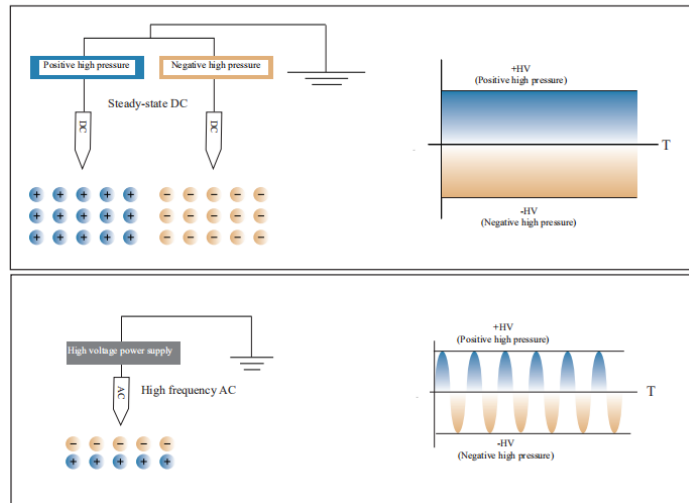
FR/S: run and pause.
FS+/FS-: Air volume adjustment: Order from high to low is 1,2,3,4,5.
T+/T-: cleaning time adjustment, the unit is H.
CAL+"RES": Restore factory settings.

Better static discharge compare to high frequency AC ionizing air blower.

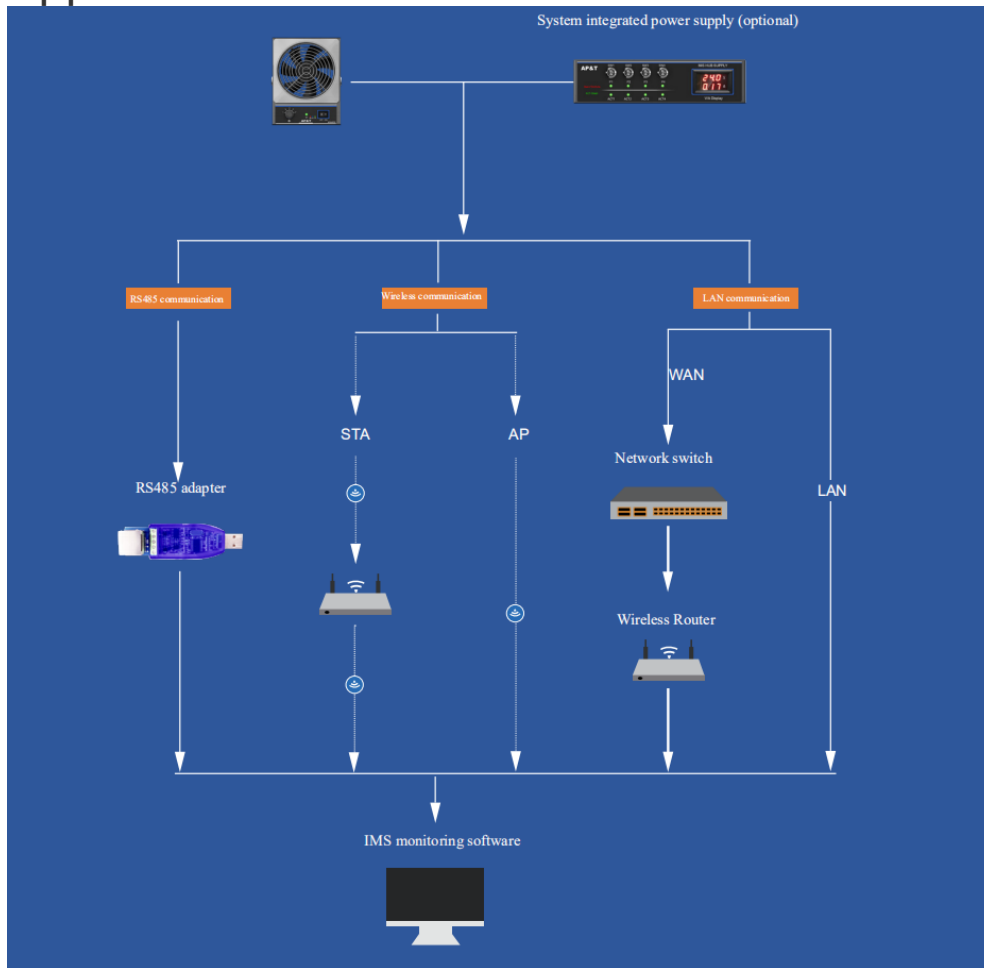
DC VS High frequency AC

DC is a method to generate two polar ions by applying "+" and "-" high voltage to two electrode needles. The utilization rate of ion generation is high, the external electromagnetic interference is small and the pollution degree of the particulate matter in the purification environment is small.

Now many ionizing air blowers in the market use high-frequency AC. Due to the low discharge voltage and weak electric field, the dust resistance is poor, which is easy to cause corona occlusion and unable to eliminate electricity.



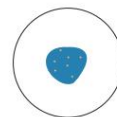
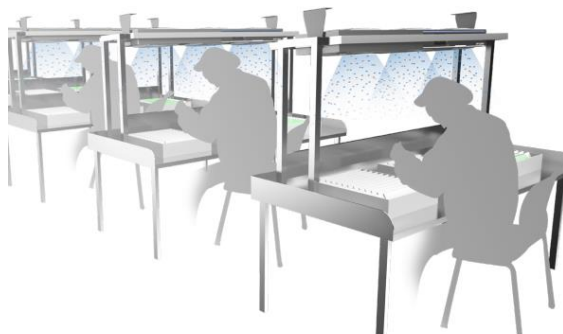
Application



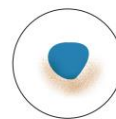
Widely used in electronics, optoelectronics, semiconductor and other industries



Static removal



Prevent adhesion of objects



Prevent material splash

Feature



No.1

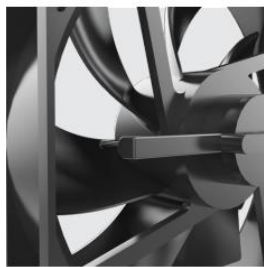
Modular structure

Simplify maintenance job. The net cover can be easily removed to facilitate disassembly and assembly.

No.2

4 Electrode needles

4 tungsten needle electrode needles, longer service life;
High speed 7-blade fan with larger ion air volume.



No.3

Built-in cleaning brush

The ionizing air blower automatically brush the needle after it is turned on.

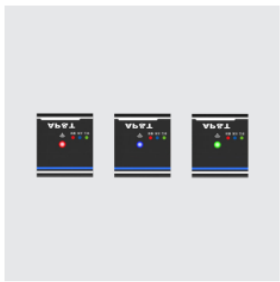
During operation, the ionizing air blower automatically brushes the needle every 8 hours without manual brush cleaning and maintenance.

By the way, ionizing air power is working normally.
By the way, ionizing. Deriving redness
around the light.

Red light alarm: ionizing air power break down or

Visualization of working status

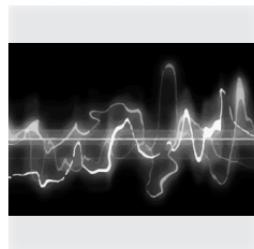
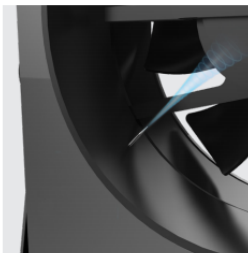
No.4



No.5

Standard tungsten alloy needle

Tungsten alloy has a longer service life compared with titanium and silicon materials.



No.6

CE certification

With electromagnetic protection function. It will not cause electromagnetic interference to other equipment;

It can also effectively prevent external electromagnetic interference from affecting the normal operation of the fan.

No.7

Five speed adjustment

Simply rotate the air volume adjustment button to adjust the air volume at will.

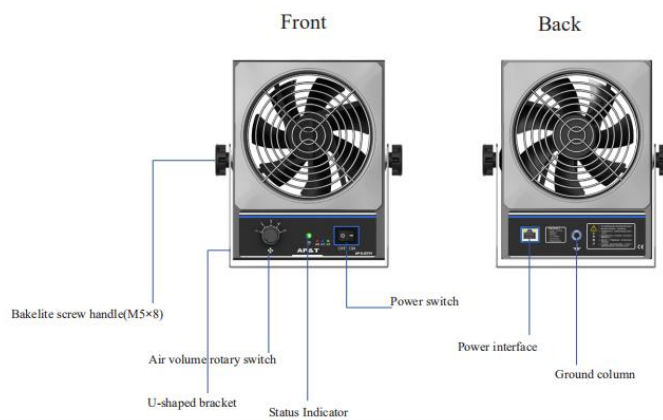


Specification

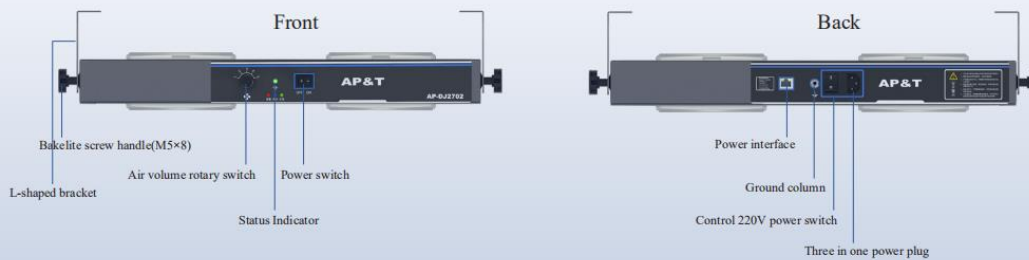
Model	AP-DJ2701	AP-DJ2702	AP-DJ2703	AP-DJ2704	AP-DJ2705	AP-DJ2706
Input voltage	DC 24V (RJ45 interface)	DC 24V (RJ45 interface) / Three in one socket (220VAC 50/60Hz)				
Input Current	< 0.45A DC	< 0.15A AC	< 0.2AAC	< 0.25A AC	< 0.3A AC	< 0.35A AC
Output voltage	DC±4.5KV→±5.5KV					
Power	< 12W	< 33W	< 44W	< 55W	< 66W	< 77W
Ion emission	DC					
Emitter electrode	Tungsten alloy					
Discharge range	750*300mm	750*550mm	750*800mm	750*1050mm	750*1300mm	750*1550mm
Air volume	≤93CFM*1	≤93CFM*2	≤93CFM*3	≤93CFM*4	≤93CFM*5	≤93CFM*6
Noise	Single air outlet≤45dBA (1000mm away from the air outlet)					
Ozone thickness	≤0.05ppm (1500mm away from the air outlet)					
Ion balance	≤ ±10V	≤ ±15V				
Discharge speed	≤2.0S(300mm away from the air outlet)	≤2.5S (450mm directly below the air outlet)				
Alarm indication	Power on/clean operation—blue light flashes;					
	Normal work—green light (always in monitoring state);					
	Fan alarm—red light is always on;					
	High voltage abnormality—red light flashes;					
	Blue light flashes during infrared debugging					
Communication method	RS485					
Working temperature	0°C-50°C					
Working humidity	< 70%RH					
Dimensions	178*67.6*194.5 mm	553*154*114 mm	803*154*114 mm	1053*154*114 mm	1303*154*114 mm	1553*154*114 mm

Installation

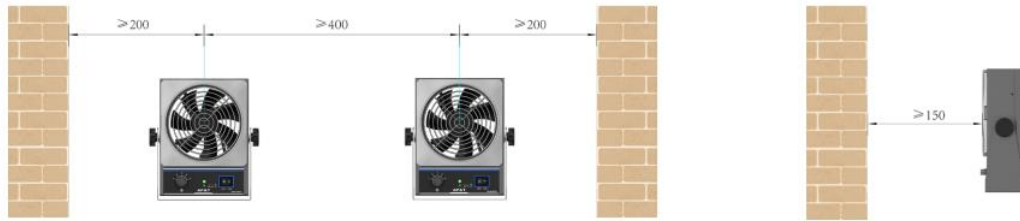
DJ2701



DJ2702/2703/2704/2705/2706



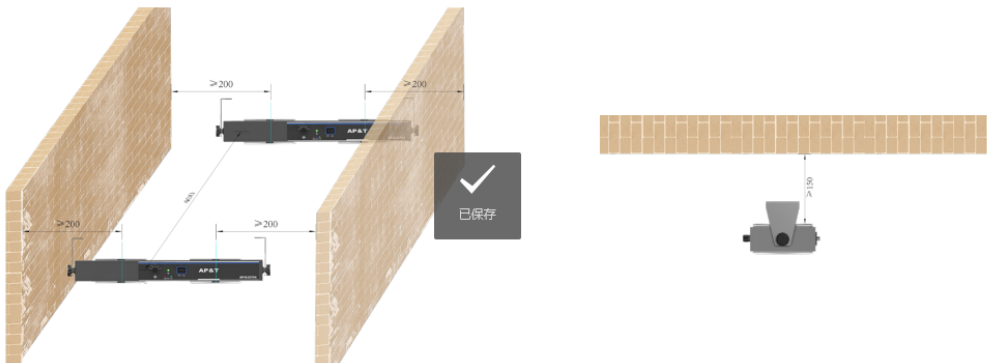
DJ2701



Installation steps

1. Install ionizing air blower and the matching power adapter firmly in the best discharge position.
2. Insert the circular plug of the power cord of the adapter into the power socket of the ion fan and the three-core power socket into the row socket.
3. Ionizing air blower will automatically brush the needle after starting and the fan works normally when the indicator light is green.

DJ2702/2703/2704/2705/2706



Installation tips

1. Place the ionizing air blower in the working area where static electricity to be eliminated and the installation angle should be perpendicular to the surface of the charged body.
2. Ionizing air blower should be at least 300mm away from the metal conductor and metal grounding body. Ionizing air blower must be reliably connected to the ground wire.
3. Two ionizing air blowers should be installed side by side with an interval of more than 400mm and more than 200mm away from obstacles such as walls.
4. The air inlet is at least 150mm away from the wall and the bracket installation angle can be manually adjusted.