AP&T

Tungsten Transmitting Electrode Ionised Air Blower With Wireless Communication

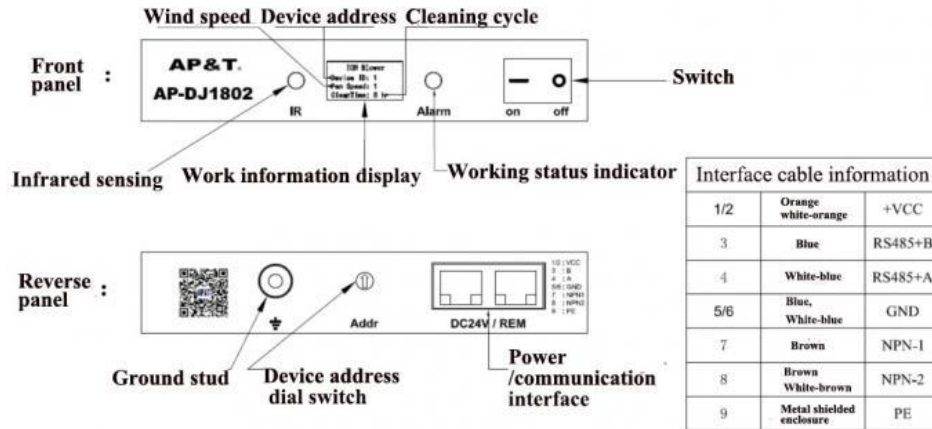## AP&T

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◆**Product Features**

1. 8 discharge electrodes, the amount of ions generated.
2. built-in pressurized axial fan, in addition to static speed.

3. with automatic boot brush function.

4. By default, the needle is automatically brushed once every 8 hours, eliminating the need for manual brush cleaning and maintenance.

5. fan five-speed speed regulation, stable performance.

6. with LCD display, can display device address, wind speed gear, cleaning cycle, as shown below.

7. with ion self-balancing function, self-balancing range ± 10V.

8. positive and negative ion output ratio adjustable, can be used for ion balance adjustment.

9. When the fan fails and the ion balance is abnormal, the sound and light alarms.

10. ion output characteristics, can be adjusted with the remote control.

11. It can realize online communication and monitor the working status of the fan.

12. Through the CE test, with electromagnetic protection, will not cause electromagnetic interference to other equipment; can also effectively avoid external electromagnetic interference affecting the normal operation of the fan.

13. The structure of the whole machine is modular, which is convenient for disassembly and maintenance.

◆ **Industry application**

Can be widely used in electronics, semiconductor, optoelectronics and other industries.

Front panel: **AP&T.** AP-DJ1802 — Wind speed, Device address, Cleaning cycle — Switch (on / off); IR, Alarm; Infrared sensing, Work information display, Working status indicator

Reverse panel: Ground stud, Device address dial switch, Power/communication interface (DC24V / REM)

Interface cable information		
1/2	Orange white-orange	+VCC
3	Blue	RS485+B
4	White-blue	RS485+A
5/6	Blue, White-blue	GND
7	Brown	NPN-1
8	Brown White-brown	NPN-2
9	Metal shielded enclosure	PE

◆ Performance parameter

Model No.	AP-DJ1802
Input voltage	DC 24V
Input current	<0.6A
Output voltage	DC±4KV→±5KV
Power	<14.5W
Ion emit	DC
Emitter	Tungsten
Coverage	750*300mm（L*W）
Air volume	<179CFM
Noise	<75dBA（150mm from air outlet）
Ozone thickness	≤0.05ppm（150mm from air outlet）
Ion balance	≤|±10V|
Decay time	≤1.5S（300mm from air outlet）
Alarm indication	Boot instant-Blue light；Normal working-Green light (Under monitoring);Fan alarm-Red light flash with beeping； Ionization abnormal-Red light slow flash with beeping;Blue light blinks when infrared debugging
Working temperature	0℃-50℃
Working humidity	<70%RH
Dimension	141*70*205.5mm（L*W*H）