

# **AP&T**

**Mini Ionizing Air Blower**

**AP-DC2453**

## **User Manual**

Shanghai Anping Static Technology Co.,Ltd

**1. General**

AP-DC2453 ionizing air blower is one of the ionizing blower product series manufactured by Shanghai Anping Static Science&Technology Co.,Ltd.

AP-DC2453 ionizing air blower applies DC current ion synchronous transmitting technology. High volume of positive and negative ions are generated by two independent transmitting electrode with direct current corona discharge and arrive the object surface where the static to be eliminated.

AP-DC2453 is widely used in electronics、plastic、chemical、printing and optics industry etc.

**2. Features**

- (1)Elaborate appearance and easy to install.
- (2)Able to be installed inside devices with good static remove effect.
- (3)Low power consumption with long product life.
- (4)Good circuit stability and reliability.
- (5)Must equipped with AP-DC12V power generator.

**3. Specification**

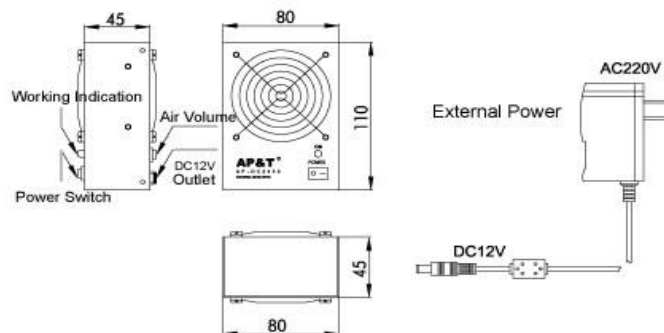
Model	AP-DC2453	
Input voltage	AC 220V/50HZ	110V/60HZ
Power	6.5W	
Ion balancing	$\leq   \pm 10V  $ (150mm from air outlet)	
Discharge time	$\leq 2.5s$ (150mm from air outlet)	
Effective scope	120×500mm (L*W)	
Air volume(Adjustable)	31.1 CFM	
Noise	$\leq 35db$ (150mm from air outlet)	
Ozone thickness	$\leq 0.01ppm$ (150mm from air outlet)	
Working temperature	0°C – 50°C	
Gross weight	480g	
Net weight	420g (include external power gnerator)	
Dimension	110×80×55 mm (L*W*H)	

## 4. Installation

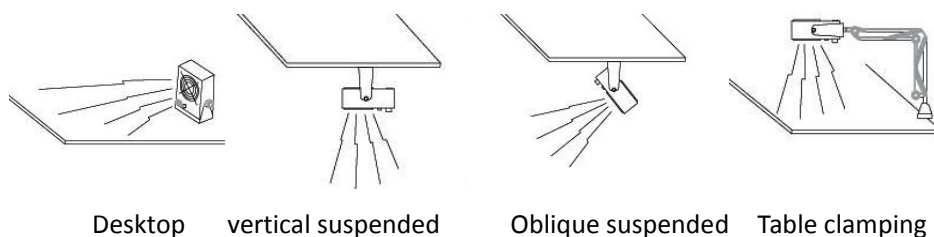
When using AP-DC2453 ionizing air blower, it should be located close to the working area (100 – 300mm from the object to be static eliminated). The air outlet of the ionizer should aim the object. When using the stand of the air blower, it should be fixed on steady and plain surface such as wall or rack with screw or drawbolt. By screw the knob on both side of the trestle the horizontal angle can be adjusted so that the optimal effect of static removing can be achieved.

### Operational instruction:

- (1) Insert the power cord to the power socket at the back side of the blower.
- (2) Switch on the power.
- (3) Air volume can be adjusted by screw the air volume knob.



## Positioning



## 5. Safety

- (1) Be aware to read this user manual carefully before install and use this device.
- (2) Do not locate this device in the environment with high moisture.
- (3) Do not insert any object into air input entry and outlet..
- (4) Do not use this device in the flammable and explosive surrounding.
- (5) Internal maintenance and repairing must be done by professional engineers.

## **6. Warranty and After Sales Service**

- (1) AP-DC2453 ionizing air blowers are strictly inspected before ex-work and match all the related technical standard indicated in this manual.
- (2) AP&T PROMISE: Repair or change any damaged parts caused by quality reasons free of charge within one year from the date of purchase after we confirm the quality issue.
- (3) Above promise is not fit for the following situation: Alternation of the device, wrongly used, incorrect installation, abasement, negligence, accidental damage, wrong input voltage, unpacking and repacking by user itself or maintain by other unauthorized service department.
- (4) AP&T is free from any related responsibility of using the product except the parts specified here above.

## **7. Caution:**

In order to guarantee the blower to work with good technical feature, user should clear the sediment on electrode sharp slightly with brush pen every 5-7 days under normal operation.

\* (a) Must be done ten minutes after power is switched off. (b) Alloy electrode is consumable without guarantee.