

AIROSUN

YCP-AP110





This device will be used in residential homes, clinics and hospitals, work and semi-industrial spaces, stations, bank branches and any roofed environment up to 70 square meters. The efficiency of the device is such that it can be used independently or simultaneously to purify and disinfect the air and atmosphere of the environment.

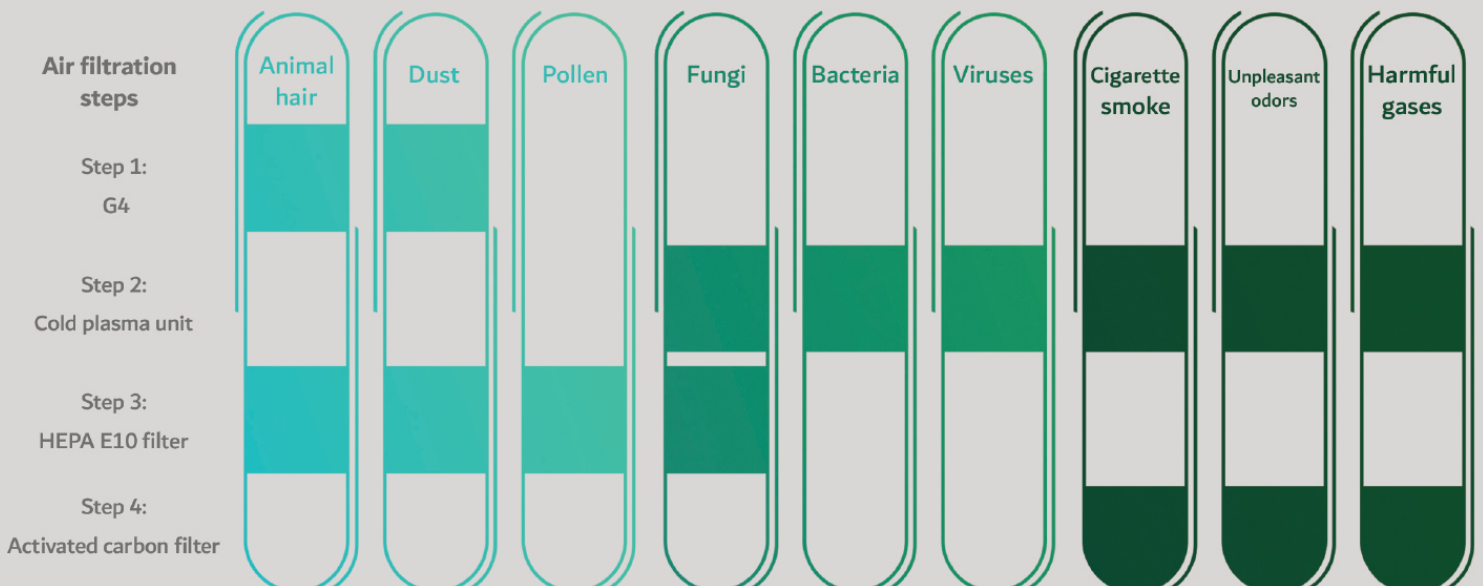
square meter (m ²)	cubic meter (m ³)	Times of purification and disinfection per hours
4	20-50	7-18
2	51-100	18.2-35.8
1	101-200	36-71.4

Indoor pollutants

solid particles suspended in the air

biological pollutants

gaseous pollutants



Technical Specifications

Model	YCP-AP110
Installation location	Indoors, floor or table, wall mounted
Dimensions	50x40x22 Cm (centimeter)
Weight	10 Kg (Kilogram)
Voltage	220 V(Volt)
Frequency	50-60 Hz (Hertz)
Power	30-70 W (watt)
Air Flow rate	20-200 m ³ /h (Cubic meters per hour)
Sound volume	55-70 dB (decibel)(device) and 35-50 dB (decibel) (At a distance of 1 meter from device)

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Filtration steps:

- Step 1: Pre-filter the G4
- Step 2: Cold plasma unit
- Step 3: Activated carbon filter
- Step 4: HEPA E10 filter

Attributes

- Using cold plasma technology with the ability to remove and eliminate a variety of microorganisms, including viruses, fungi and bacteria, etc.
- HEPA E10 filter to target suspended particles up to 0.3 microns
- Activated carbon filter to remove odors, non-gaseous fumes and harmful gases
- G4 filter to remove dust up to 10 microns

Simultaneous operation of the Cold plasma unit with the filters of the device leads to their augmentation and completion of their performance, which results in a significant increase in the purification and disinfection capacity of the air and the environment.

Advantages

- Blower fan management with adjustable fan speed switch
- Has a turbo button
- Production sound less than 70 decibels
- Eliminate microorganisms with an efficiency higher than 99%
- Has a suitable design with the ability to be installed on the wall or table
- The weight of the device is about 10 kg
- Ability to order in color



Certifications and Confirmations:

- License for manufacturing of medical equipment from the National Medical Device Directorate of Ministry of Health
- Confirmation of the effectiveness of the device (virus), Isfahan University of Technology
- Confirmation of the effectiveness of the device (bacteria); Shahid Zainuddin Group of the Ministry of Defense
- Confirmation of the effectiveness of the device (bacteria); HPA Company
- Electrical safety certification of medical equipment; Iranian Research Organization for Science and Technology
- Confirmation of Electromagnetic Compatibility (EMC), Amirkabir University of Technology
- Confirmation of ozone limit; HPA Company
- Nanotechnology communication certificate from the Iran Nanotechnology Innovation Council
- Internal patent; Intellectual Property Center of the State Property and Deeds Registration Organization
- Trademark registration; Intellectual Property Center of the State Property and Deeds Registration Organization



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