



YESON

AIROSUN

Y300





100-500m³/h



50-110W



220v
50-60Hz

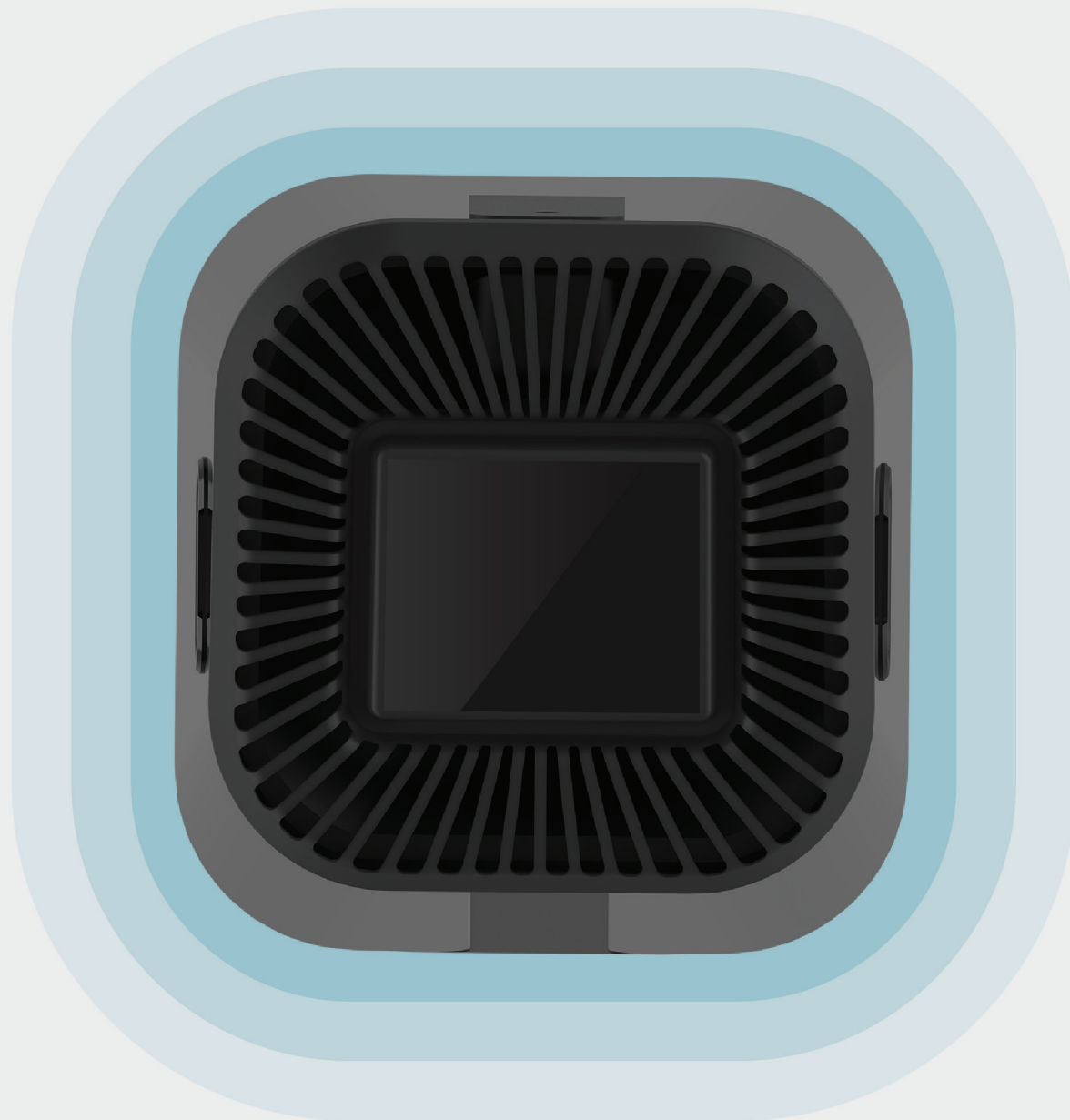


10Kg

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 160 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.

Coverable range:

square meter (m ²)	cubic meter(m ³)	Times of purification and disinfection / hours
33-83	100-250	4
84-116	251-350	2
117-160	351-500	1



air conditioning



cold steam



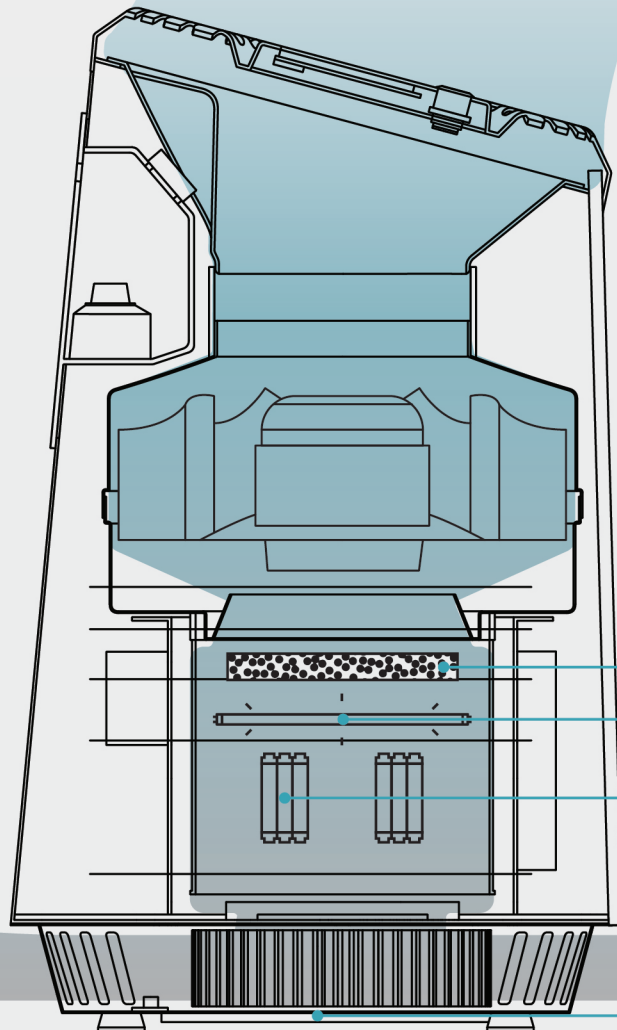
UVC lamp



Cold plasma

Advantages:

- | Has a touch screen to facilitate use
- | Independent or simultaneous management of different sections
- | Equipped with 3 active sensors including environmental pollution, temperature and humidity percentage
- | Equipped with cold fumigation
- | Monitor the operation time of the device by intelligent mechanism
- | The sound output is less than 65 decibels
- | Air purification and disinfection rate with efficiency higher than 99%
- | Approximate weight of the device is 10 kg
- | It has three colors: white, black and smoky
- | The power consumption of the device is optimal and cost-effective



Filtration steps:

Nano-TiO₂ photocatalyst filter

UVC lamp with Nano photocatalytic filter

Cold plasma cell

G4 pre-filter

	solid particles suspended in the air			biological pollutants			gaseous pollutants		
G4 pre-filter	Animal hair	Dust	Pollen	—	—	—	—	—	—
UVC lamp	—	—	—	Fungi	Bacteria	Viruses	—	—	—
Nanophotocatalytic filter	—	—	—	Fungi	Bacteria	Viruses	Cigarette smoke	Unpleasant odors	Harmful gases
Cold plasma Unit	—	—	—	Fungi	Bacteria	Viruses	Cigarette smoke	Unpleasant odors	Harmful gases

| Use of cold plasma technology and UVC lamp with the ability to remove and eliminate a variety of microorganisms, including viruses, fungi and bacteria;

| Nano-TiO₂ photocatalyst filter with the ability to remove and eliminate volatile organic compounds (VOCs), carbon monoxide, nitrogen dioxide and unpleasant odors and bacteria.

| G4 pre-filter to remove suspended particles up to 0.4 microns

Simultaneous operation of cold plasma Unit and UVC lamps together with the device's filters leads to synergy and completes their performance, which results in a significant increase in the effectiveness of air and environment purification and disinfection



Coloring



white



brown



black



grey



navy blue





cream


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
- | CE certified


YESON., Nano Site, Iranian Research Organization for Science and Technology (IROST), Sh. Ehsani Rad St., Enqelab St., Parsa
.Sq., Ahmadabad Mostoufi Rd., Azadegan Highway, Tehran

 www.yesontech.ir

 info@yesontech.ir

 [\(+98\) 9213214465](https://t.me/yesontech)

 [\(+98\) 2156277128](tel:+982156277128)

 [3313193685](tel:+983313193685)