

AIR



jien

by SILAP

YOUR BREATH YOUR AIR OUR LIGHT

Made in Italy



SYSTEMS FOR SANITIZING THE AIR IN ROOMS AVOIDING DIRECT EXPOSURE TO UVC LIGHT

iJen AIR products are versatile and meet different air sanitization needs both in small rooms such as domestic ones and in large crowded environments such as reception rooms or for conferences, doctors' offices, gyms ... The operating principle of the iJen AIR series products consists in forcing the air into a duct where debacterization occurs by UVC radiation; by exploiting the natural circulation of air, a controlled bacterial load environment can be obtained.

The products of this series, iJen AIR Table, Plus and Extended, are equipped with a double lamp, ozone free and ozone generating, which can be turned on respectively in the presence of people or in the absence of people (for example during the night) allowing sanitation deeper than the environment thanks to the combination of the germicidal effect of UVC light with the inactivation effect of bacteria and viruses due to the presence of ozone (<2ppm). The two lamps can work simultaneously⁽¹⁾ or individually as the switching on and off of each is controlled by an intelligent switch connected to the wi-fi network⁽¹⁾, configurable and programmable via the *Home-io* app (downloadable for Android and iOS systems). Alternatively, one lamp can be turned on individually at a time by using the manual three-position switch on board.

The iJen AIR series is available in 4 models:

- iJen AIR Table: portable air purification system suitable for domestic environments, studios, small shops – with double lamp (ozone free or ozone generating)
- iJen AIR Plus: wall-mounted or free-standing air purification system suitable for domestic environments, medical offices, small shops, reception rooms – with double lamp (ozone free or ozone generating)
- iJen AIR Extended: wall-mounted air purification system suitable for rooms with large sizes such as gyms, restaurants, warehouses, etc. – with double lamp (ozone free or ozone generating)
- iJen AIR Conditioning: air purification system for air recirculation and air conditioning systems

The effectiveness of the germicidal action of the iJen Air series products depends on the power of the UVC source (and therefore on the power and number of lamps used) and on the exposure time: the lamps used in the iJen AIR series have been sized in such a way that they can guarantee sanitation of up to 60m³ of air per hour.

iJen AIR - Technical features								
	Height	Sanitization	Lamp. UVC 254 nm	Lamp. UVC 185 nm ⁽²⁾	Supply voltage	Supply current	Frequency	Installation
iJen AIR Table	300 mm	20 mc/hour	1 x 10 W	1 x 10 W	220 Vac	0,34 A max	50 Hz	Table
iJen AIR Plus	600 mm	40 mc/hour	1 x 21 W	1 x 21 W		0,56 A max		Wall/stand
iJen AIR Extended	1500 mm	60 mc/hour	1 x 55 W	1 x 55 W		0,76 A max		Wall
iJen AIR Conditioning	⁽³⁾	⁽³⁾	⁽³⁾	⁽³⁾		⁽³⁾		Inside duct

Proper air sanitation must take place constantly over time, both in winter and in summer.

The use of 254 and 185 nm UVC lamps is programmable for combined ignition for the iJen AIR Plus and Extended products, while for the iJen AIR Table product, the lamps can be used individually and activated manually.

Do not expose yourself and animals directly to UVC light as it is harmful to humans and other forms of life (prolonged exposure can cause temporary damage such as dermatitis or conjunctivitis or very serious damage such as tumors or blindness).

Equipment built according to CEI 62/5 and compliant with EEC directives for electrical compatibility and EMC

The product complies with the safety requirements for devices with UVC lamps according to the UNI EN ISO 15858: 2016 standard

⁽¹⁾: Available only for AIR Plus and AIR Extended versions

⁽²⁾: UVC ozone generation lamp, helps sanitize filters and air ducts of the air conditioner, if it is kept on. To be used only in environments where there are no people.

⁽³⁾: the iJen AIR Conditioning system is sized according to the model of the recirculation / air conditioning system