



Sanitized Air

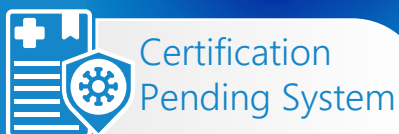


AirSanit



Air handling and purification range

Air handling and purification under low-speed operation and modular conception, combining different technologies in an unique system for PM1 load reduction and elimination, being highly effective when applied against viruses, bacteria, microorganisms, pathogens and other particles in indoor air such as pollen and dust.



A technology from



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FEATURES



PM1 Reduction



Certification Pending System



Double germicidal effect



Low air speed



Low Sound Level



HEPA H13 or H14 filter



EC fan as standard



Constant air flow



Flow range up to 900m³/h



Programmable controller with touch screen



Power supply 230.1.50/60Hz



Wifi | 3G multi-device connectivity

AirSanit Benefits

- ✓ Free of viruses, bacteria and other microorganisms
- ✓ Minimization of contagion and air-transmission risk
- ✓ Active protection against on-going and potential new pandemics
- ✓ Healthy indoor environment
- ✓ Energy saving
- ✓ Minimized contagion risk during maintenance



TYPE OF CONSTRUCTION

Air Handling and Purification Unit (AHPU) in a modular design.



PREFILTER AND HEPA FILTERS

AirSanit features G4 pre-filter (MERV8) and HEPA H13 filter (MERV18) for an efficiency >99,95% on retaining particles up to 0,3 µm and includes differential pressure switch for blocked filter alarm

VENTILATION

EC fan with pressure sensor as standard for constant air-flow operation

DETOX System

System for minimizing and elimination of contagion risk during maintenance and cleaning through deactivation of viruses retained in HEPA filter and inside the unit

UV-C:

The UV-C impact is a germicidal effect as it damages the DNA chains of viruses, bacteria and germs. Ultraviolet light causes reactions in DNA chains and generates dimers, stable and enough for the inactivation of microorganisms as E.Coli, bacteria, fecal germs, TB, SARS, Legionella, mold, spores ... In this stage of virus deactivation and elimination, UV-C light is designed for keeping the air flow longer under the irradiance of the lamp and so to obtain the highest level of disinfection.

CONTROL

Touch screen controller is simple and intuitive to use with the capacity for programming allowing different levels of operation. The controller can be connected to **KICONEX**, an IoT-based system for remote monitoring and WiFi | 3G connectivity.



PRODUCT RANGE



AirSanit mobile portable

- ✔ **Portable units** with wheels
- ✔ **Plug&Play:** no need for installation
- ✔ Full **stainless steel** interior
- ✔ Maximum **leakproof construction**



AirSanit PRO fixed installation

- ✔ **Adaptable** to new or existing installations
- ✔ **Connectable** to duct network
- ✔ Exterior and interior in **stainless steel**
- ✔ Maximum **leakproof construction**

AS AN OPTION

HEPA14 filter (MERV19) with efficiency >99.995% for particles up to 0.3 µm
Molecular filter to eliminate VOC, odors and other gases present in the indoor air



ADVANTAGES

	AirSanit	UV RADIATION	PHOTOCATALYSIS	OZONE GENERATORS	HEPA FILTRATION
Usable in spaces with persons and / or animals	✔	✘	✔	✘	✔
Plug & play installation	✔	✔	✔	✔	✔
Eliminates / deactivates pathogens retained in filter or equipment	✔	✘	✘	✘	✘
Proven effectiveness against viruses and other pathogens in the air	✔	!	!	✘	✔
No health risk due to free radicals and other chemicals	✔	✔	✘	✘	✔
Autonomous operation	✔	✔	✔	✔	✔
All day long treatment	✔	✔	✔	✘	✔
Easily transportable	✔	✘	✘	✔	✔
Can be installed permanently in a new or existing installation	✔	✔	✔	✘	✔
Independent or centralized installation	✔	!	!	✘	✔
Effectiveness on pathogen elimination certified by a third party (in process)	✔	✘	✘	✘	✘
IoT monitoring with Wifi / 3G connectivity	✔	✘	✘	✘	✘

! Undefined



Sanitary and education

- Hospitals and Health Centers
- Clinics
- Geriatric Residences
- Laboratories
- Research facilities
- Pharmaceutical industry
- Universities and Schools



Public use buildings

- Corporate buildings and offices
- Stores and shops
- Malls
- Airports and boarding bridges
- Sport centres and arenas
- Residential
- Hotels and catering



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