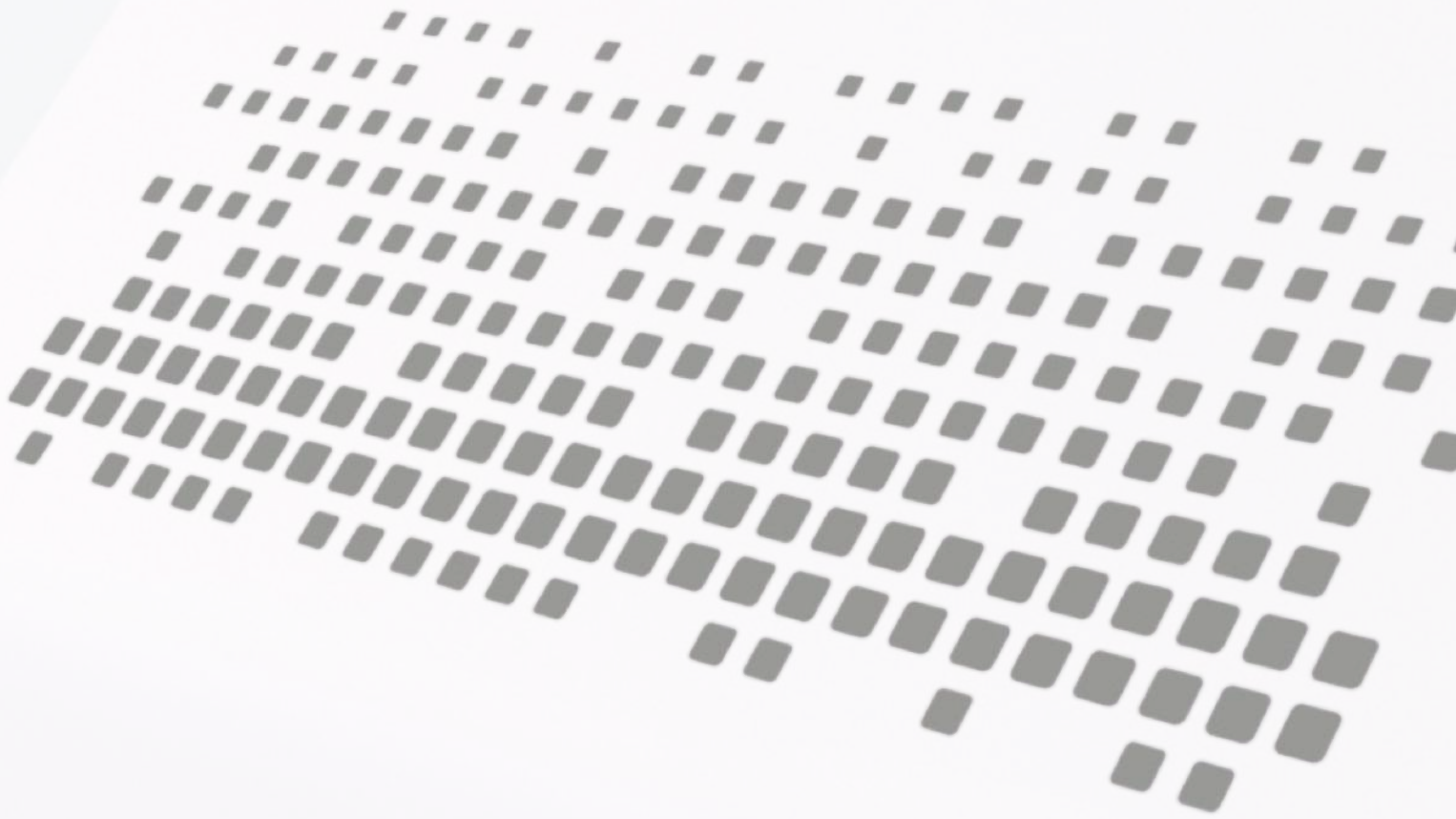


Health is in the air



PRODUCT CATALOGUE

JUST BECAUSE
YOU DON'T SEE
THE PROBLEM,
DOESN'T MEAN
IT ISN'T THERE.



STE - Sanitizing Technologies and Equipments S.r.l. is an **innovative start-up and spin-off of the University of Urbino Carlo Bo**. It arose from the merging between university researchers and experts in the aeraulic systems and aerobiology fields. Starting from **scientific research**, STE S.r.l. has developed a **device that combines continuous air sanitization and purification**, suitable for **civil contexts**.

PRODUCTION PROCESS



Research



Planning



Production



Validation and
certification

SPIN-OFF

UNIVERSITÀ DEGLI STUDI DI URBINO
CARLO BO

CSA SYSTEM S600

CONTINUOUS
AIR SANITIZER





CSA SYSTEM S600

CSA SYSTEM S600 is a **continuous air sanitizer** designed to guarantee **high levels of air quality** in indoor environments; this device ensures protection against viruses, bacteria, and molds primarily present in our everyday indoor environments.

The patented technology reduces the presence of airborne microorganisms, reaching inactivation rates higher than 99% *.

Moreover, **CSA SYSTEM S600** purifies the air with percentages above 92% eliminating **air pollutants, such as particulate matter, dust, allergens, and volatile organic compounds** (e.g. formaldehyde). With **CSA SYSTEM S600** the air results sanitized, pure and odor-free, bringing health benefits to the occupants. To ensure adequate air exchange, our **CSA SYSTEM S600** has been designed to perform **2 air recirculations per hour**, allowing us to obtain and maintain maximum healthiness in **spaces up to 100m²**.

The **CSA SYSTEM S600** respects the environment: the **eco-friendly** components can be disposed of in a sustainable way and the use of UV-C LED technology allows **significant energy savings**.

*tests conducted by University of Urbino Carlo Bo

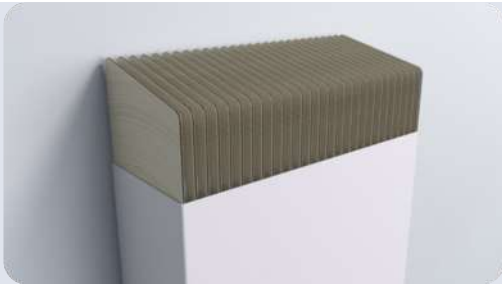
- ✓ SANITIZES AND PURIFIES THE AIR
- ✓ INACTIVATES PATHOGENS >99%
- ✓ ELIMINATES ODORS
- ✓ DESIGNED FOR SPACES UP TO to 100m²
- ✓ ECO - FRIENDLY
- ✓ SAFE IN PRESENCE OF PEOPLE
- ✓ REDUCED NOISE
- ✓ LOW-ENERGY CONSUMPTION
- ✓ ARTIFICIAL INTELLIGENCE INTEGRATED
- ✓ PATENTED TECHNOLOGY

MODELS AND COLORS

MODELS

COLORS

Cod. CSA S600-A0



A1



A2



A3



Cod. CSA S600-B0



B1



B2



B3



Cod. CSA S600-C0



C1



C2



C3



Cod. CSA S600-D0



D1



D2



D3



Cod. CSA S600-E0



E1



E2



E3



Cod. CSA S600-F0



F1



F2



F3



Cod. CSA S600-G0



G1



G2



G3



Cod. CSA S600-H0



H1



H2



H3



Cod. CSA S600-I0



I1



I2



I3



Cod. CSA S600-L0



L1



L2



L3



FEATURES

GENERAL FEATURES

Category	Air sanitizer
Environments (m ²)	up to 100
Materials	light alloy or composite material
Air flow (m ³ /h)	600
Input (W)	200
Noise (dB)	62
Operating temperature (°C)	-20 a +45
Voltage (V)	230
Frequency (Hz)	50
UV-C LEDs	yes
Ionizer	yes
input filter	Yes, self-sanitizing
Installation	ceiling or wall
Controls	remote control
Dimensions (cm)	22,1 (P) x 88,7 (H) x 55,2 (L)
Weight (Kg)	14

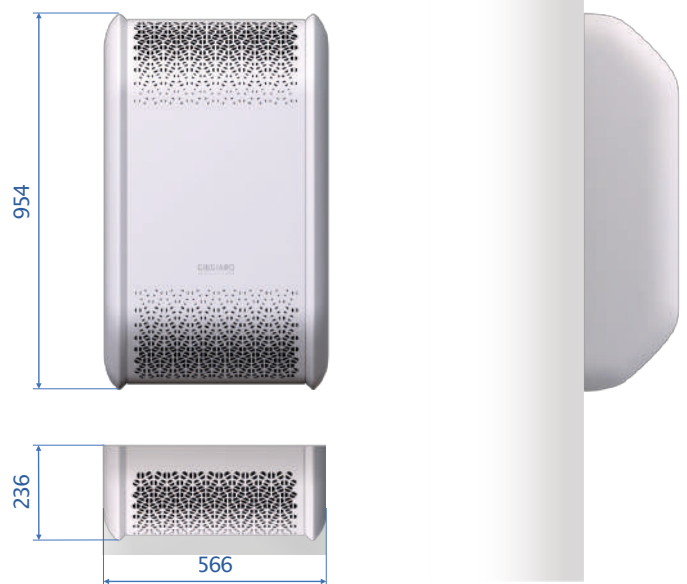
SPECIFIC FEATURES

VENTILATION

Flow (m ³ /h)	600
N° ventilators	1
Speed (rpm)	1200
Pressure (Pa)	140
Air outlet	upper grid

PACKAGING

Dimension (cm)	23,1(P) x 89,7(H) x 56,2(L)
Total weight (Kg)	18



APPLICATION

HOME AND OFFICE



HOME

- Living room
- Kitchen

SHOP

- Libraries
- Malls

WORKPLACES

- Meeting Rooms
- Offices

HOSPITAL AND COMMUNITY



HEALTH CARE

- Hospital
- Nursing home
- Medical practices
- Dental practices

COMMUNITY

- Wellness centers
- Hairdressers
- Cultural Activities

PALESTRE



FITNESS

- Gyms
- Sport centres
- Swimming pools

SCHOOLS



SCHOOL INSTITUTES

- Kindergartens
- Schools
- Universities
- Libraries



EFFICACY TESTS

The device's efficacy has been verified by microbial tests performed in collaboration with the researchers of the **University of Urbino Carlo Bo**. The CSA SYSTEM S600 showed **inactivation rates higher than 99%**.

CSA SYSTEM
S600 OFF



CSA SYSTEM
S600 ON

> 99%



■ Air microbial load
■ Inactivation rate





OTHER SOLUTIONS

STE - Sanitizing Technologies and Equipments S.r.l. has developed **systems for automated air sanitization in INDUSTRIAL, RAILWAY and METROPOLITAN, NAVAL environments, with centralized or independent systems.**



INDUSTRIAL



**RAILWAY AND
METROPOLITAN**



NAVAL



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