



S400 AIR DISINFECTANT DEVICE

CLEANER, SAFER AIR FOR ALL



PROVIDE A SAFE, VIRUS-FREE, ENVIRONMENT FOR EVERYONE.

We all know the importance of keeping surfaces clean and tidy, but often we forget to focus on the air.

Poor indoor air quality is one of the leading causes of the transmission of viruses and other airborne pathogens.

In packed and busy communal areas, airborne viruses and other pathogens can pose a serious threat to your colleagues and customers. The EU400 Air Disinfectant Device disinfects the air, creating a safe and comfortable environment for everyone.

Unlike other air purifiers, our machine combines HEPA filtration, UV-C technology and carbon filtration with fast-moving air to **kill 99.9995% of all airborne viruses and germs** in your environment

▲ The S400 creates a clean and safe environment for everyone in minutes. ▲





DISINFECT THE AIR AND KILL 99.9995% OF VIRUSES IN MINUTES.

The S400 is a compact, cost-effective and efficient solution for the sterilisation of air within enclosed spaces. Its compact size, yet high air sterilising capacity and quiet operation makes it perfectly suited to multiple environments.

Quiet Operation

The S400 airflow goes virtually unnoticed by your customers as it eliminates all viruses, odours and harmful germs from the air.

Rapid And Safe Whole Room Clean

Whole-room air exchange within minutes, without harmful ozone production UV exposure.

Safe And Fast Acting

At rates of 400 cubic feet per minute, the S400 cleans more air for its size than any other air disinfection system, making your environment safer, faster.

Plug In And Go

No requirement for specialist installation or commissioning.

Lab Tested Pathogen Elimination

Tested in well-known laboratories, with a kill rate of up to 99.9995% against one of the most difficult viruses to kill - norovirus surrogate.

Portable, Efficient And Durable

The S400's size and materials make it easy to move, easy to set up, and long-lasting. The unit itself is low-maintenance and consumes about as much power as an average ceiling fan.

HELPFUL INFORMATION

Can the S400 kill COVID-19?

When it comes to eliminating bacteria, viruses and other harmful microorganisms that pose a risk to human health, UV-C light (Ultraviolet) is proven technology. UV-C expels a short wavelength that disrupts the DNA of germs, therefore killing or inactivating them.

If a product which uses UV-C light is effective against harder-to-kill viruses, such as Norovirus, it is likely to kill SARS-CoV-2. The S400's 99.9995% Norovirus kill rate validates the conclusion that S400 will have the same efficiency against the easier to kill SARS-CoV-2 virus.

Is the S400 an air purifier?

More than a standard air purifier, the S400 is powerful, fast, whole room air disinfection. It uses UV technology to disinfect large volumes of fast-moving air in our patented 'UV-Kill' chamber, capturing all microorganisms and holds them long enough to destroy germs completely.

How does it work?

We combine air particulate filtration and UV-C germ eradication to eliminate airborne pathogens. UV germ-killing technology only works if pathogens are close to the UV-C light source long enough to be destroyed. S400's patented technology does exactly that with large volumes of fast-moving air, achieving a pathogen killing solution of 99.9995% efficacy rating.

Will it disrupt the airflow?

No. The S400's quiet operation goes virtually unnoticed, even while the room is occupied. Studies show our air-processing to remain constant regardless of existing HVAC systems.

Calculate Air Change per hour

Calculating the number of Air Changes per hour is easy. The S400 disinfects 400 cubic ft. per minute at the highest speed, which equates to 24,000 cubic ft. per hour. This then needs to be divided by the cubic ft. of the room.

An example

Based on a room size
15ft (Length) x 12 ft (Width) x 10 ft (Height)

$$\text{ACH} = \frac{\text{SAM } 400 \text{ cfm} \times 60 \text{ minutes}}{\text{Cubic Feet of Room}}$$

$$\text{ACH} = \frac{400 \text{ cfm} \times 60 \text{ minutes}}{15\text{ft} \times 12\text{ft} \times 10\text{ft}}$$

$$\text{ACH} = \frac{24,000 \text{ cfh}}{1800 \text{ cubic feet of room}}$$

$$\text{ACH} = 400 \text{ cfm} \times 60 \text{ minutes}$$



0800 630 0472

birminghamclimatecontrol@sunbeltrentals.co.uk

www.sunbeltrentals.co.uk