

THE ONLY COMPACT AIR AND SURFACE SANITIZING SYSTEM THAT NEUTRALIZES

>90% OF HARMFUL VIRUSES*

Firefighters and Emergency Response Personnel are continuously exposed to harmful carcinogens. Their PPE becomes contaminated and may off-gas VOCs which can result in inhalation exposure.

Additionally, the recent outbreak of the novel coronavirus, SARS-CoV-2, has made air optimal cleaning "mission critical" for their working environment, including fire apparatus, ambulances, and law enforcement vehicles.

SENTINEL300

guarding the air you breathe



Efficacy testing has shown effective on **SARS-CoV-2 (COVID-19) virus***



UNDERSTANDING NPBI

The Sentinel 300 delivers a cleaner cab by actively reducing harmful contaminants in Emergency Vehicles. Its patented **Needlepoint Bipolar Ionization (NPBI™)** technology uses a precise electronic charge to generate ions that neutralize VOCs, viruses, bacteria, and even sterilize mold. And, it is safe for humans and pets while in operation!

NPBI Technology used by...

WHITE HOUSE

MAYO CLINIC

AMALIE ARENA

GOOGLE

ACTIVELY NEUTRALIZES HARMFUL VOCs, VIRUSES, BACTERIA, AND MOLD

Once installed in a vehicle, the Sentinel 300 constantly delivers the NPBI-generated ions that circulate constantly, actively seeking out contaminants – neutralizing, deactivating or sterilizing them.

PATHOGENS NEUTRALIZED BY NPBI:

- SARS-CoV-2 (COVID-19)
- SARS Human Coronavirus 229E
- E. coli
- MRSA
- Mold
- Legionella

VOCs NEUTRALIZED BY NPBI:

- Xylene (Diesel Combustion)
- Methyl Ethyl Ketone
- Ammonia
- Formaldehyde (Firefighting and Diesel Combustion)
- Benzene (Diesel Combustion)
- Toluene (Diesel Combustion)
- Acreolin (firefighting and Diesel Combustion)

and many more.....

TECHNICAL SPECIFICATIONS:

Model: Sentinel300 CFM Unit

Input Voltage: Input 12V or 24V DC

Input Voltage Draw: 4A @ 12V or 2A @ 24V DC

Dimensions: 11.4" x 8.2" x 3.9" (29 x 20.8 x 9.9 cm)

Weight: 8lbs (3.63 kg)

Sound: 45dB

Includes: Purification unit, mounting bracket, cigarette plug power adaptor with 3-Pin Deutsch Plug, constant run or 1-hour timer.

Air Flow: 300 CFM

SELF-CLEANING

NO MAINTENANCE

NO CONSUMABLE COMPONENTS

"Efficacy testing of actual SARS-CoV-2 indicates a 99.4% reduction within 30 minutes" Multiple data points were used to formulate performance validation statements, including efficacy testing against the actual SARS-CoV-2 strain with NPBI. NPBI technology is used in a wide range of applications across diverse environmental conditions. Since locations will vary, clients should evaluate their individual application and environmental conditions when making an assessment regarding the technology's potential benefits."



800-697-3473

www.jeffersonfire.com

TRADITION OF INNOVATION

