

THE ONLY COMPACT AIR AND SURFACE SANITIZING SYSTEM THAT NEUTRALIZES

>90% OF HARMFUL VOCs AND VIRUSES

Bushfire smoke exposes the firefighter to multiple contaminants that result from the combustion of natural fuels. The Sentinel 300 will neutralise VOCs and assist in preventing inhalation of toxic substances born from organic materials.

SENTINEL300
guarding the air you breathe



Efficacy testing has shown as being effective on selected airborne viruses.



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, bushfire VOCs, bacteria, and even sterilize mold. And it is safe for humans and even pets while in operation!

NPBI TECHNOLOGY USED BY

WHITE HOUSE MAYO CLINIC NUMEROUS AMBULANCE AND FIRE DEPARTMENTS IN US

ACTIVELY NEUTRALIZES HARMFUL VOCs, BUSHFIRE VOCs, 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.

VIRUSES NEUTRALIZED BY NPBI:

- SARS Human Coronavirus 229E
- E. coli
- MRSA
- Mold
- Legionella

VOCs NEUTRALIZED BY NPBI:

- Xylene (Diesel Combustion)
- M-xylene
- P-xylene
- O-xylene
- Methyl Ethyl Ketone
- Ammonia
- Formaldehyde (firefighting and Diesel combustion)
- Benzene (Diesel Combustion)
- Toluene (Diesel Combustion)
- Acrolein (firefighting and Diesel combustion)

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

FILTER INCLUDED WITH EASE OF ACCESS TO CLEAN AND REPLACE.

**GET IN TOUCH:
The Sentinel 300
Australian Distributor:**

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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.