



Massive-Decontamination B1:1 COUNTERFOG® Nozzle



The Massive-Decontamination B1:1 COUNTERFOG® Nozzle is a unique piece of engineering for massive decontamination. Fed with compressed air and a liquid disinfectant it generates a special fog cone able to wash out all air-borne micro and nano-metric particles. The particular nano to micro size distribution of more than 10^9 droplets per second and their dynamics creates an effective mechanism aggregating air-borne particulate matter and quickly collapsing them.

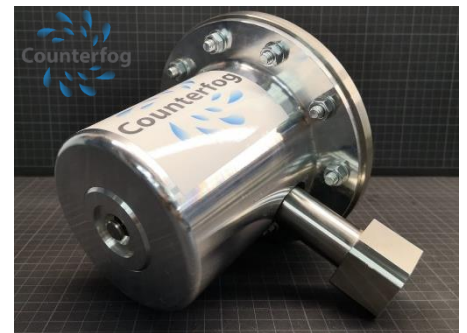
It is universally suitable to wash out a broad range of air-borne particles including smoke, powder, aerosols, biological spores and microorganisms or viruses.

B1:1 COUNTERFOG® nozzles could be installed on the motorized water cannon of a riot truck. With a range longer than 15 meters is an ideal outdoors solution against the volatile COVID-19 virus.

complex shapes, facilities, air ducts, etc. preventing resuspension.

Additionally, it can be also used to counteract chemical agents in vapor or gas phases (in this case in combination with the use of a catalytical microparticles powder).

Array configurations are possible, an extremely massive solution for the control of radiological leaks in nuclear power plants, terrorist attacks or smoke control of large industrial fires.



Specifications:

Pressure: from 9 to 15 bar

Flow: 10 Nm³/min

Weight: 8 Kg



Using the proper liquid -for example sodium hypochlorite or hydrogen peroxide- can quickly disinfect air, surfaces, furniture, irregular and

It is available in different materials for specific uses. Please consult the best choice for your application.

