



# DUST SUPPRESSION SYSTEMS

## Ultrasonic fogging systems

### APPLICATIONS

Screens  
Crushing machines  
Conveyor transfer stations  
Storage/Bunker areas  
Hoppers  
General material handling

### ADVANTAGES

Dry fog water droplets  
Mains water pressure -  
no pump  
Minimal water consumption  
(0.05 - 0.3 Litres/minute)  
Simple to install  
Low pressures  
Non drip system  
Self cleaning nozzles -  
no clogging  
Range of nozzle sizes  
Easy to operate  
Low operating cost



Our ultrasonic nozzles produce a dry fogging spray pattern, ideal for suppressing dust without wetting product material or machinery. Our systems are fully installed and integrated into all processes and suppress dust without the need for expensive extraction systems or chemical agents.

The Sonicom™ ultrasonic nozzle operates using water and air, the low operating pressures are typically set at 1 bar water and 5 bar air. Due to the unique nozzle design, our ultrasonic nozzle is self cleaning thus avoiding clogging problems.

Research in the development of the Sonicom™ dry fog dust suppression systems showed that when water droplets are produced equal to that of dust particles, the airborne dust is suppressed through particle agglomeration.

Technical engineers will visit your site to discuss and survey your dust problems, offering further information and system demonstration.

### CONTACT

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