



“The Name to Know In Noise Control”

Industrial noise control



Excessive noise is one of the most common workplace hazards in industrial facilities. Prolonged exposure to noise in manufacturing, power generation, printing and other industries can result in compromised verbal communication, fatigue, lower productivity and work-related hearing loss. Manufacturing areas are not the only places where noise can be hazardous and counterproductive. Offices that share walls with factories or are subjected to outside noise from highways or airports face similar noise problems. In such environments,

uncontrolled sound can interfere with the intended purpose of the space, resulting in hampered interpersonal communication, headaches and other problems. ArtUSA Noise Control Products Inc. offers many durable choices to easily and affordably create a healthier work environment. Noise control entails suppressing audible kinetic energy in two ways, and the most effective solutions may require a combination of the two: 1) Containing noise with enclosures and or barrier materials 2) Absorbing noise with panels, baffles and other acoustical absorber products. ArtUSA Noise Control Products Inc. offers flexible and rigid enclosure systems. Curtains are flexible and can either be used independently or as part of an enclosure system. Custom-configured enclosures can be made



from a combination of products to produce an effective and economical method of noise reduction. Options include rooftop panels, grommets, view windows, sliding hinged and overhead doors, silencers, exhaust fans and more.



Noise Reduction Coefficient (NRC) is the average of the absorption coefficients at the most common frequencies (250, 500, 1000 and 2000 Hz.) The NRC is often used to compare the acoustical performance of various materials. Sound Transmission Class (STC) is a measurement of how much noise is stopped by a barrier or enclosure. It is an approximation of how much noise, in decibels, will be stopped by the material, assuming an airtight seal around the noise source. Sabin is a unit of sound absorption based on one square foot of material. Baffles are frequently described as providing x number of sabins of absorption based on the size of the baffle tested, through the standard range of frequencies (125-4000 Hz.)



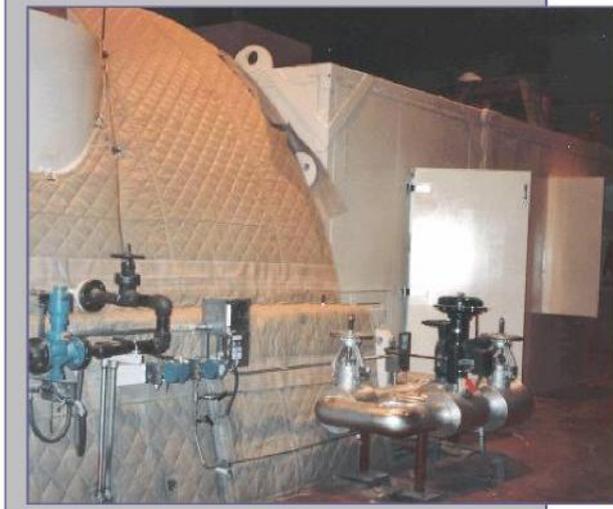
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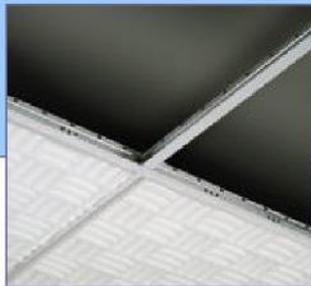
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